ACADEMIC AND ADMINISTRATIVE AUDIT REPORT

EXTERNAL AUDIT

ACADEMIC YEAR 2020-2021

DATE: 18.11.2021 AND 19.11.2021

SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
An Autonomous Institution,
Accredited by NAAC with 'A' grade
Puducherry - 605 107

NAAC NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

INTERNAL QUALITY ASSURANCE CELL

SMVEC/IQAC/ 01 /CIRCULAR/21

Date: 03.11.2021

CIRCULAR

As we are aware, IQAC conducts Academic and Administrative Audit (AAA) through external peer team every year. This year, as informed earlier, IQAC plans to conduct External Peer Audit during November 18-19, 2021. Following are the details of expert members who will be doing audit on the same dates.

1. Prof.Dr.M.Karthikeyan, Department of Mechanical Engineering, RajaRajeswari College of Engineering, Mysore Road, Bangalore.
2. Prof.Dr.R.Baskaran, Professor, Department of Industrial Engineering, CEG, Anna University.

This Academic and Administrative Audit (AAA) is conducted for the academic year 2020-21 (odd and even semesters). In this connection, Office of Registrar, Office of CoE, Administrative Officer, all HoDs (engineering programs, MBA and MCA programs), Librarian, Director of Physical Education and NSS Program Officer are requested to be ready for the AAA as per the format provided by IQAC. Your cooperation in this regard is highly appreciated.

The detailed schedule of the audit will be shared shortly.

(Dr. P.Raja)
IQAC Coordinator

Dr.V.S.K. Venkatachalapathy
Director cum Principal

Cc to
The Registrar / The Controller of Examinations
Dean Academics (Circuit) / Dean Academics (Core) / Dean, R&D /
HoD (EEE) / HoD (ECE) / HoD(CSE) / HoD (IT) / HoD (ICE) / HoD (Civil) / HoD(Mech)
HoD (Mechatronics) / HoD (BME) / HoD (AI&DS) / HoD (CCE) / HoD (CSBS) / HoD (FT)
HoD (Management Science) / HoD (Computer Application) /A.O/Librarian/ Physical Education Director/ NSS PO/ File

A Preamble to Academic and Administrative Audit

The Academic and Administrative Audit (AAA) aims to ensure quality sustenance in all practices of academic and administrative system of the institution. As a part of the audit process, the IQAC has structured a format for the evaluation based on the Criteria specification by NAAC. The main objective of the audit is to review, assess and evaluate the performance of various criteria as listed below

1. Curricular Aspects
2. Teaching, Learning and Evaluation
3. Feedback of Stake holders
4. Research, Innovation and Publications
5. Collaboration and Linkages
6. Student Progression
7. Activities Conducted/ Organized by the Department
8. Achievements by students and faculty members

This will ensure quality assurance to its stakeholders. The auditing process of the above stated criteria is carried out biannually one at the end of the odd semester by the internal expert members and the other at the end of the academic year covering both semesters by the external peer members.

This AAA was conducted by nominating External peer members and communicated to department heads through an internal circular dated 03.11.2021. External expert members Prof.Dr.M.Karthikeyan, Department of Mechanical Engineering, RajaRajeswari College of Engineering, Mysore Road, Bangalore and Prof.Dr.R.Baskaran, Professor, Department of Industrial Engineering, CEG, Anna University participated in conducting this audit during November 18 -19, 2021.

The audit observations are presented as a non-conformance report, sent to the respective Heads of the Department and the action taken report for the non-conformances is submitted by the respective Head of the department is also attached in this report.

IQAC Coordinator
(Dr.P.Raja)

Director cum Principal
(Dr.V.S.K. Venkatachalapathy)

Date: 15/11/2021

Program Schedule for External Peer Team Academic and Administrative Audit by

1. Prof.Dr.M.Karthikeyan, Department of Mechanical Engineering, RajaRajeswari College of Engineering, Mysore Road, Bangalore
2. Prof.Dr.R.Baskaran, Professor, Department of Industrial Engineering, CEG, Anna University

during **November 18-19, 2021**

Day1 (18/11/2021)

10:00 – 10.15am	Opening Meeting (Welcome Note by **Dr.V.S.K. Venkatachalapathy, Director cum Principal** and introduction by Auditees)
10.15-10.30am	Presentation by Coordinator, IQAC
10:30-11:15am	Introduction by each department by HoDs (3minutes for each department)
11:15-11:30am	Tea Break
11:30-12:30pm	Visit to office, Library, Centre of Excellence and other facilities
12:30-01:15pm	Lunch Break
01:15-4:30pm	Academic and Administrative Audit- EEE, ECE, CSE, IT, Mech, Civil Department, ICE, Library, Physical Education Department

Day2 (19/11/2021)

09:30-11:30am	Academic and Administrative Audit - MBA, MCA department and Extension activities
11:30-11.45am	Tea Break
11:45-04:30pm	Academic and Administrative Audit - Mechatronics, AIDS, BME, CCE, CSBS, FT Department, School of Architecture, Office of CoE and Registrar
04:30-05:30pm	Exit Meeting (Discussion on findings and recommendations, action items with due dates ending with energy on a positive note) with Director cum Principal, Registrar, CoE, Dean-Academics, IQAC Core Team and all HoDs

IQAC Coordinator
(Dr.P.Raja)

Director cum Principal
(Dr.V.S.K.Venkatachalapathy)

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ACADEMIC AND ADMINISTRATIVE AUDIT

DEPARTMENT OF

ELECTRICAL AND ELECTRONICS ENGINEERING

ACADEMIC AND ADMINISTRATIVE AUDIT

(Academic Year 2020 - 2021)

External Audit

SECTION –1: BASIC INFORMATION

Audit Date	18.11.2021	
Name of the Department	Electrical and Electronics Engineering	
Year of Establishment	1999	
Programs Offered	Name of the Program: Electrical and Electronics Engineering — Approved Intake: 180 Name of the Program: M.Tech (Power Electronics and Drives) — Approved Intake: 18	
Head of the Department	Dr.S.Anbumalar	
Number of full time Teachers	Professor	4
	Associate Professor	5
	Assistant Professor	31
Number of Technical Staff		
Number of Students	For B.Tech: First Year 109; Second Year 118; Third Year 111; Fourth Year 116; Total 454	For M.Tech: First Year Nil; Second Year 01; Total 01
Faculty Student Ratio	1:11	1:1

SECTION –2 : CURRICULAR ASPECTS

2.1 Academic Plan

S.No	Particular	Available (Yes / No)	Remarks
1	Department Academic Calendar	Yes	–
2	Faculty Subject Preferences	Yes	–
3	Elective choices from the Students	Yes	–
4	Course allotment to the Faculty	Yes	–
5	Time Table (UG and PG)	Yes	–
6	Lesson plan for each Course	Yes	–

2.2 Participation of the Faculty in the Curriculum development for courses offered in UG and PG programs

S.No	Name of the faculty	Participated as	Course	Year / Sem
1	Dr.S.ANBUMALAR	Board Chairman	UG and PG courses	UG and PG all Years
2	Dr.K.SURESH	Scrutinizer	PG course	PG – I - IV Semesters
3	Dr.P.JAMUNA	Scrutinizer	UG - First Year	I Year /I &II Sem
4	Dr.D.RAJA	Scrutinizer	UG - Second Year	II Year /III &IV Sem
5	Mrs.S.VIJAYASAMUNDISWARY	Scrutinizer	UG - Final Year	IV Year /VII &VIII Sem
6	Dr. C.KALAIVANI	Scrutinizer	UG - Third Year	III Year /V &VI Sem
7	Dr.S.GANESH KUMARAN	Scrutinizer	PG course	PG – I - IV Semesters
8	Dr.M.SUSITHRA	Scrutinizer	UG - First Year	I Year /I &II Sem
9	Dr.M.PRABAVATHI	Subject Expert member	Electrical Safety, Virtual instrumentation	Open Elective
10	Mr.B. PARTHIBAN	Subject Expert member	Microprocessor and Microcontroller, Microcontroller and its Applications Lab, PLC and SCADA system	II / IV
11	Mr.S.JOHNPOWL	Subject Expert member	Electric Circuit Analysis, Electric Circuit Analysis Lab, Power Quality	I / II
12	Mr.P.SIVAPRAKASAM	Subject Expert member	Measurement and Instrumentation for Electrical Engineering, Measurement and Instrumentation Lab, Analysis and Design of Inverters	II / IV
13	Mr.A.JANAGIRAMAN.	Subject Expert member	Basic Engineering Science for Electrical Engineering, Electric traction	I / II
14	Mr.K.THANGARAJ	Subject Expert member	Electrical Machines - I, Electrical Machines - I Lab	I / II
15	Mr.D. DURAIRAJ	Subject Expert member	Power Plant Engineering, Distributed Generation and Microgrid,	II / III
16	Mr.V. MALARSELVAM	Subject Expert member	Solar Photovoltaic fundamental and its applications, Solar Photovoltaic system design	Open Elective
17	Mrs.S. PUNITHA	Subject Expert member	Electromagnetic Theory, Advanced Control Systems	II / III
18	Mr.J.MURUGANANDHAM	Subject Expert member	CAD for Electrical Appratus, High Voltage Direct Current Transmission	Professional Elective

19	Mr.K. ARUN	Subject Expert member	Energy Storage Technology, Energy Storage Systems	Professional Elective
20	Mr.C.ADRIENPERIANAYAGAM	Subject Expert member	Electronic Devices, Electronics Lab-I	I / I
21	Mr.S. T.SARANYA	Subject Expert member	Electronic Circuits, Electronics Lab - II	I / II
22	Mr.R.RAGUPATHY	Subject Expert member	Electrical Engineering, Electrical Engineering Lab, Control System Design	I / I
23	Mr.A.NARENDRAN	Subject Expert member	Special Electrical Machines, PWM Techniques for Converters	Professional Elective
24	Mr.S.G.KALPANA.	Subject Expert member	Repair and Maintenance of Power Supply, Inverter and UPS	SDC
25	Mr.N.JAIGANESH	Subject Expert member	Electronic Devices and Circuits, Electronics Lab	II / III
26	Mr R.RAJTILAK	Subject Expert member	Electrical Machines - II, Electrical Machines - II Lab, Advanced Digital system design	II / III
27	Mr.V. JANAKIRAMAN	Subject Expert member	Mobile Phone Servicing, Microcontroller and DSP based System Design	SDC, PG
28	Mrs.Y.BOSKY	Subject Expert member	Digital Electronics, Flexible AC Transmission Systems	I / II
29	Mr.S.ASOK KUMAR	Subject Expert member	Finite Element Analysis, Electrical safety	Professional Elective
30	Mr.K.MANIKANDA PRABHU.	Subject Expert member	Autonomous Robotics, Smart Grid Technologies	SDC
31	Ms.N.SWARNALAKSHMI	Subject Expert member	Sensors and Transducers for Electrical Engineering	Professional Elective
32	Mr.M.ARUL KUMAR	Subject Expert member	Testing of Electronics Devices and PCB Board Designing	SDC
33	Mr.K.KANNAN	Subject Expert member	Electromagnetic Field Computation and Modelling	PG
34	Mrs.S.UMA MAGESWARI	Subject Expert member	Design of Solar power plant and Installation	SDC
35	Mr.I.SHIVASANKKAR	Subject Expert member	Industrial control Drives, Power Converters and Drives Laboratory	PG
36	Mr.U.SURENDRA KUMARAN	Subject Expert member	Nano Electronics, Electric and Hybrid Vehicle	PG
37	Mrs. G.KONAMMA	Subject Expert member	Linear Integrated Circuit, Linear Integrated Circuit Lab	II / III
38	MS.V.VIJAYASANTHI	Subject Expert member	Analysis of Power converters, Power Converters simulation Laboratory	PG
39	Ms.B.MAHALAKSHMI	Subject Expert member	Analysis of Electrical Machines	PG

40	Mr.R.NAKKERRAN	Subject Expert member	Wind Energy Conversion Systems	Professional Elective

2.3 List of Professional Elective Courses offered by the department

S.No	Year / Sem	Name of the Elective Course	Course Code	Number of Students Registered
1	II/IV	ELECTRICAL SAFETY ENGINEERING	U19EEE41	44
2	II/IV	SENSORS AND TRANSDUCERS FOR ELECTRICAL ENGINEERING	U19EEE43	33
3	II/IV	ENERGY STORAGE TECHNOLOGY	U19EEE45	41
4	III/V	ENERGY ENGINEERING	EE E04	111
5	III/VI	FUZZY AND NEURAL SYSTEMS	EE E03	111
6	IV/VII	POWER SYSTEM ECONOMICS	EE E11	116
7	IV/VII	RENEWABLE ENERGY SOURCES	EE E12	116
8	IV/VIII	POWER SYSTEM RESTRUCTURING AND DEREGULATION	EE E16	116
9	IV/VIII	SMART GRID	EE E19	116

2.4 List of Open Elective Courses offered by Other department

S.No	Year / Sem	Offering Department	Name of the Elective Course	Course Code	Number of Students Registered
1	II/IV	ECE	ENGINEERING COMPUTATION WITH MATLAB	U19ECO41	49
2	II/IV	CCE	INTRODUCTION TO COMMUNICATION SYSTEMS	U19CCO42	31
3	II/IV	MECH	POWER PLANTS FOR ELECTRICAL ENGINEERING	U19MEO43	38

2.5 List of Skill Development Courses offered by the department

S.No	Year / Sem	Name of the Skill Development Course	Course Code	Number of Students Registered
1	II/III	GENERAL PROFICIENCY - I	U19EES31	118
2	II/III	DEMONSTRATION/TROUBLESHOOTING OF ELECTRICAL & ELECTRONIC SYSTEMS	U19EES32	118
3	II/IV	GENERAL PROFICIENCY - II	U19EES41	118
4	II/IV	AUTONOMOUS ROBOTICS	U19EES42	118
5	III/V	GENERAL PROFICIENCY - I	HS P53	111
6	III/VI	GENERAL PROFICIENCY - II	HS P63	111

2.6 List of Certification Courses offered by the department

S.No	Year / Sem	Name of the Certification Course	Course Code	Number of Students Registered
1	II/III	AUTOCAD FOR ELECTRICAL	U19EEC31	59
2	II/III	SOLAR AND SMART ENERGY SYSTEM WITH IOT	U19EEC32	59
3	II/IV	JAVA PROGRAMMING	U19EEC47	111
4	IV/VIII	TCAD FOR ELECTRICALENGINEERS	-	116
5	II/IV	SMART ELECTRIC GRIDS	-	118
6	III/VI	SOLAR PV INSTALLATION AND TESTING	-	111
7	I/I	INDUSTRIAL SAFETY	-	109
8	IV/VIII	FPGA DESIGN FOR EMBEDDED SYSTEMS	-	116
9	II/IV	EMBEDDED SYSTEMS FOR EV	-	118

		APPLICATIONS		
10	III/VI	BATTERY SYSTEM DESIGN FOREV USING MATLAB	-	111
11	I/I	LOW VOLTAGE CIRCUITBREAKER	-	109
12	III/VI	MULTILEVEL CONVERTERS FOR HIGH-POWER APPLICATIONS	-	111
13	I/I	CLIMATE AND RENEWABLE ENERGY	-	109
14	IV/VIII	ARDUINO BASED EMBEDDED SYSTEMDESIGN	-	116
15	II/IV	GREEN FUEL FOR TRANSPORTATION SECTOR	-	111
16	IV/VIII	HYBRID ELECTRIC VEHICLE SIMULATION	-	116
17	II/IV	INNOVATIVE IDEAS TO IMPLEMENTATION	-	118
18	III/VI	HDL FOR FPGA DESIGN	-	111
19	III/VI	PROJECT REPORT WRITING	-	111
20	III/V	SMART ELECTRICAL DEVICES	-	111
21	IV/VII	GRID DESIGN USING DIGSILENT POWER FACTORY	-	116
22	I/II	WIND ENERGY SYSTEMS	-	109
23	IV/VII	ELECTRICAL ENGINEERING SIMULATIONS WITH ETAP	-	116
24	III/V	PRODUCT DEVELOPMENT USING ENGINEERING DESIGN	-	111
25	I/II	INTELLIGENT ELECTRIFICATION	-	109
26	IV/VII	IPR AND PATENTS	-	116
27	IV/VII	RASPBERRY PI AND IOT	-	116
28	I/II	PCB DESIGN USING ALTIUMECAD SOFTWARE	-	109
29	III/V	ARTIFICIAL INTELLIGENCE AND EDGE COMPUTING	-	111
30	I/II	FUZZY SETS, LOGIC AND SYSTEMS & APPLICATIONS	-	109
31	I/II	CLEAN AND SUSTAINABLE POWER GENERATION	-	109
32	IV/VII	ELECTRIC VEHICLE DESIGN	-	116
33	III/V	ELECTRICAL LOADESTIMATION AND DESIGNING	-	111

2.7 List of Value-Added Courses organized by the department

S.No	Year / Sem	Name of the Value-Added Course	Resource Person Details	Number of Students Registered
1	II/III	TESTING OF ELECTRONIC DEVICES	Mr.RAJA RAJA ELECTRONICS TRAININGINSTITUTE, CUDDALORE	118
2	III/IV	PLC AND SCADA	Mr.SIVASAKTHI TCIL-IT, PONDICHERRY	118
3	II/III	AUTONOMOUS ROBOTICS	Mr. ADREIN PERIYANAYAGAM, AP/EEE, SMVEC	118
4	III/IV	DESIGN AND IMPLEMENTATION OF POWER CONVERTERS USING MATLAB	Mr.C.VIJAYA BABU & MS.S.ROSHINI VI MICROSYSTEM PVT. LTD.,CHENNAI.	111
5	III/IV	PYTHON PROGRAMMING	Mr.R.SUBRAMANIAN CHAKRIKA INFO	111

			SOLUTIONS, PONDICHERRY.	
6	II/III	JAVA PROGRAMMING	Mr.R.SUBRAMANIAN CHAKRIKA INFO SOLUTIONS, PONDICHERRY.	118
7	II/III	RESUME PREPARATION	Mr.S.RAHUL INNOVATIVE SERVICESCHENNAI	118
8	II/III	FINANCIAL MANAGEMENT	Mr. CHANDRA MOHAN MBA DEPT, SMVEC, PUDUCHERRY	118
9	III/V	BEING AN ENTREPRENEUR	Mrs.S.HEMA SMART TRAINING RESOURCES INDIAPVT. LTD., CHENNAI	111
10	III/V	PROFESSIONAL EMAIL WRITING	Mrs.S.HEMA SMART TRAINING RESOURCES INDIAPVT. LTD., CHENNAI	111
11	III/V	TIME MANAGEMENT AND LEADERSHIP SKILLS	Mrs.S.HEMA SMART TRAINING RESOURCES INDIAPVT. LTD., CHENNAI	111
12	II/IV	MS OFFICE – WORD, EXCEL, POWER POINT	Mrs.S.HEMA SMART TRAINING RESOURCES INDIAPVT. LTD., CHENNAI	118
13	II/IV	ENTREPRENEUR MANAGEMENT	Mrs.S.HEMA SMART TRAINING RESOURCES INDIAPVT. LTD., CHENNAI	118
14	II/IV	DESIGN OF SOLAR PANEL FOR DOMESTIC APPLICATIONS	Mr.M.ARUNKUMAR PENTACAD, NAMAKKAL.	118
15	II/IV	SINGLE PHASE AND THREE PHASE DOMESTIC WIRING	Mr.JEEVA RAJAN M K PANTECH SOLUTIONS, CHENNAI	118
16	II/IV	DOMESTIC APPLIANCES SERVICING- 1	Mr.JEEVA RAJAN M K PANTECH SOLUTIONS, CHENNAI	118
17	II/IV	SOLAR PANEL INSTALLATION ANDTESTING	Mr.M.ARUNKUMAR PENTACAD, NAMAKKAL	118

2.8 List of Mandatory Courses offered by the department

S.No	Year / Sem	Name of the Mandatory Course	Course Code	Number of Students Registered
1	I/I	INDUCTION PROGRAM	U20EEM101	109
1	II/III	PHYSICAL EDUCATION	U19EEM31	118
2	II/IV	INDIAN CONSTITUTION	U19EEM41	118

SECTION –3: TEACHING, LEARNING AND EVALUATION

3.1 Course Delivery

July 2020 – Dec 2020(ODD SEM)

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
II / III /A					
1	Complex Analysis and Applications of Partial Differential Equations - U19EET31	Mrs. M. Sugasini	45	48	52
2	Electric Circuit Analysis - U19EET32	Mrs.T.Saranya	60	56	50
3	Electromagnetic Theory - U19EET33	Mr. C. Adrien Periyanayagam	45	48	52
4	Electrical Machines –I - U19EET34	Mr. U. Surendrakumaran	45	47	34
5	Electronic Devices and Circuits - U19EET35	Ms. N. Swarnalakshmi	45	45	41
6	Digital Electronics - U19EET36	Mr. K.Kannan	45	52	37
7	Electric Circuit Analysis Lab- U19EEP31	Mr.M.Arulkumaran Ms.B.Mahalakshmi	30	36	30
8	Electrical Machines –I Lab - U19EEP32	Mr.V.Malarselvam Mrs.G.Konamma	30	36	32
9	Electronics Lab - U19EEP33	Ms. N. Swarnalakshmi Mr.K.Kannan	30	36	30
10	General Proficiency - U19EES31	Ms. R. Suganya	30	34	20
II / III /B					
1	Complex Analysis and Applications of Partial Differential Equations - U19EET31	Mrs. M. Sugasini	45	48	53
2	Electric Circuit Analysis - U19EET32	Mr.D. DURAIRAJ	60	56	55
3	Electromagnetic Theory - U19EET33	Mr.K.Manikandaprabhu	45	48	47
4	Electrical Machines –I - U19EET34	Mr. S. John powl	45	47	50
5	Electronic Devices and Circuits - U19EET35	Mr. A. Janagiraman	45	45	54
6	Digital Electronics - U19EET36	Ms.S.Uma Mageswari	45	52	37
7	Electric Circuit Analysis Lab- U19EEP31	Mr. K. Thangaraj Mr.I.Shivasankkar	30	36	37
8	Electrical Machines –I Lab - U19EEP32	Mr. S. John powl Mr.S.Asokkumar	30	36	32
9	Electronics Lab - U19EEP33	Mr. A. Janagiraman Ms.S.Uma Mageswari	30	36	30
10	General Proficiency - U19EES31	Ms. R. Suganya	30	34	20

III / V /A					
1	Communication Engineering – EE T51	Ms.V.Vijayasanthi	45	48	42
2	Analog and Digital Integrated Circuits - EE T52	Mr.B.Parthiban	45	51	53
3	Transmission and Distribution - EE T53	Mr.N.Jaiganesh	45	42	53
4	Power Electronics - EE T54	Mr R.Rajtilak	45	52	63
5	Measurement and Instrumentation - EE T55	Mrs.S.Punitha	45	46	41
6	Energy Engineering – EE E04	Ms.B.Mahalakshmi	45	48	34
7	Electronics Lab – III – EE P51	Mrs.T.Saranya Mr.R.Ragupathy	30	39	32
8	Measurement and Control Lab - EE P52	Mrs.S.Punitha Mr.U.Surendrakumaran	30	39	30
9	General Proficiency – I - HS P53	Dr. D. Jaichitra	30	36	22
III / V / B					
1	Communication Engineering – EE T51	Mr.M.Arul Kumar	45	48	38
2	Analog and Digital Integrated Circuits - EE T52	Mrs.S.Vijayasamundiswary	45	51	48
3	Transmission and Distribution - EE T53	Mr.S.Asokkumar	45	42	53
4	Power Electronics - EE T54	Mrs.Y.Bosky	45	52	61
5	Measurement and Instrumentation - EE T55	Dr. S. Anbumalar	45	46	50
6	Energy Engineering – EE E04	Mrs.S.Uma Mageswari	45	48	45
7	Electronics Lab – III – EE P61	Dr.D.Raja Mrs.G.Kalpana	30	39	50
8	Measurement and Control Lab - EE P61	Mr.C.Adrienperiyanagam Mr.M.Arulkumaran	30	39	45
9	General Proficiency – I - HS P63	Dr. D. Jaichitra	30	36	22
III / V / C					
1	Communication Engineering – EE T51	Mr.R.Nakkerran	45	48	34
2	Analog and Digital Integrated Circuits - EE T52	Mr.I.Shivasankkar	45	51	53
3	Transmission and Distribution - EE T53	Mr.D.Durairaj	45	42	60
4	Power Electronics - EE T54	Mr.V.Janagiraman	45	52	63
5	Measurement and Instrumentation - EE T55	Mr.K.Kannan	45	46	45
6	Energy Engineering – EE E04	Mr.S.Asokkumar	45	48	34
7	Electronics Lab – III – EE P61	Mr.D.Durairaj Mr.A.Narendran	30	39	33

8	Measurement and Control Lab - EE P61	Mr.K. Arun Ms.B.Mahalakshmi	30	39	27
9	General Proficiency – I - HS P63	Dr. D. Jaichitra	30	36	22
IV / VII / A					
1	Industrial Management – EE T71	Mr. T . Chandramohan	45	45	42
2	Solid State Drives – EE T72	Dr. D. Raja	45	45	44
3	Power System Operation and Control – EE T73	Mr.A.Narendran	45	46	42
4	Power System Economics – EE E11	Dr. M. Susithra	45	48	49
5	Renewable Energy Sources – EE E12	Mr. V. Malarselvam	45	45	44
6	Project Phase – I – PW 7	Dr.K.Suresh Dr.P.Jamuna	30	30	44
7	Power System Simulation Lab – EE P71	Mrs. G.Konamma Ms.V.Vijayasanthi	30	30	45
8	Seminar – EE P72	Dr.M.Prabavathi Mrs Vijayasamundiswary	30	30	45
IV / VII / B					
1	Industrial Management – EE T71	Dr. M .Murugan	45	45	42
2	Solid State Drives – EE T72	Mr.J.Muruganandham	45	45	48
3	Power System Operation and Control – EE T73	Dr. K. Suresh	45	46	42
4	Power System Economics – EE E11	Dr. P. Jamuna	45	48	48
5	Renewable Energy Sources – EE E12	Dr.M.Prabavathi	45	45	46
6	Project Phase – I – PW 7	Dr. C.Kalaivani Dr.S.Ganesh Kumaran	30	30	42
7	Power System Simulation Lab – EE P71	Mr.P. Sivaprakasam Mr.K.Arun	30	30	45
8	Seminar – EE P72	Mrs.C.Kalaivani Mr.S.John Powl	30	30	28

MARCH 2021 – JUNE 2021

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
I / I / A					
1	Engineering Mathematics – I Calculus and Linear Algebra - U20BST101	Dr.I.Silambarasan	45	48	48
2	Programming in C -	Mr. J.Muruganandham	45	42	39

	U20EST101				
3	Engineering Mechanics - U20EST119	Mr.S.Sivaprasath	45	46	33
4	Electrical Engineering - U20EET101	Mr R.Rajtilak	45	48	45
5	Electronic Devices - U20EET102	Mr.V. Janakiraman	45	35	50
6	Programming in C Lab - U20ESP102	Mr.J.Muruganandham Mr.K.Manikanda Prabhu.	30	30	33
7	Electrical Engineering Lab - U20EEP101	Mr.R.Nakkeeran Mrs.Y.Bosky	30	30	33
8	Electronics Lab – I - U20EEP102	Mr.V.Janagiraman Mrs. G.Konamma	30	30	30
		I / I / B			
1	Engineering Mathematics – I Calculus and Linear Algebra - U20BST101	Dr.I.Silambarasan	45	48	48
2	Programming in C - U20EST101	Mr.K.Arun	45	42	48
3	Engineering Mechanics - U20EST119	Mr.S.Sivaprasath	45	46	33
4	Electrical Engineering - U20EET101	Mr.R.Ragupathy	45	48	36
5	Electronic Devices - U20EET102	Mr.R.Nakkeeran	45	34	36
6	Programming in C Lab - U20ESP102	Mr.K.Arun Mr.M.Arulkumaran	30	30	33
7	Electrical Engineering Lab - U20EEP101	Mr.G.Konamma Mr.U.Surendra Kumaran	30	30	33
8	Electronics Lab – I - U20EEP102	Mr.K.Manikandaprabhu Mr.N.Jaiganesh	30	30	33
		II / IV /A			
1	Probability and Statistics - U19EET41	Dr.I.Silambarasan	45	45	38
2	Data Structure and Object Oriented Programming - U19EET42	Mrs.G.kalpana.	45	45	62
3	Electrical Machines – II - U19EET43	Ms.B.Mahalakshmi	45	46	44
4	Linear Integrated Circuits - U19EET44	Mr.C.Adrienperiyanayagam	45	48	48
5	Electrical Safety Engineering – U19EEE41	Mr.K.Manikandaprabu	45	46	42
6	Sensors and Transducers for Electrical Engineering - U19EEE43	Mr.N.Jaiganesh	45	45	31
7	Energy Storage Technology - 19EEE45	Mr.A.Janagiraman	45	45	48
8	Engineering Computation with MATLAB - U19ECO41	Mr.N.Jaiganesh	45	48	33
9	Power Plants for Electrical Engineering - U19MEO43	Mrs.S.Vijayasamundiswary	45	48	47
10	Introduction to Communication Systems - U19CCO42	Dr.M.Prabavathi	45	45	45
11	Data Structure and Object	Mr.V.Malarselvam	30	30	30

	Oriented Programming Lab - U19EEP41	Mr.J.Muruganandham			
12	Electrical Machines Lab-II - U19EEP42	Mr.R.Ragupathy Mr.A.Narendran	30	30	35
13	Linear Integrated Circuits Lab - U19EEP43	Mr.C.Adrien Periyanayagam Mr.N.Jaiganesh	30	30	33
14	General Proficiency – II - U19EES41	Dr.D.Jaichitra	30	30	24
15	Skill Development Course IV: Autonomous Robotic -U19EES42	Mr.C.Adrienperiyanayagam	30	35	28
		II / IV /B			
1	Probability and Statistics - U19EET41	Dr.I.Silambarasan	45	45	38
2	Data Structure and Object Oriented Programming - U19EET42	Mr.J.Muruganandham	45	45	37
3	Electrical Machines – II - U19EET43	Mr.K.Thangaraj	45	46	44
4	Linear Integrated Circuits - U19EET44	Mr.U.Surendarakumaran	45	48	65
5	Electrical Safety Engineering – U19EEE41	Mr.K.Manikandaprabu	45	46	45
6	Sensors and Transducers for Electrical Engineering - U19EEE43	Mr.N.Jaiganesh	45	45	31
7	Energy Storage Technology - 19EEE45	Mr.A.Janagiraman	45	45	32
8	Engineering Computation with MATLAB - U19ECO41	Mr.N.Jaiganesh	45	48	33
9	Power Plants for Electrical Engineering - U19MEO43	Mrs.S.Vijayasamundiswary	45	48	36
10	Introduction to Communication Systems - U19CCO42	Dr.M.Prabavathi	45	45	38
11	Data Structure and Object Oriented Programming Lab - U19EEP41	Mr.B.Parthiban Mrs.S.Punitha	30	30	32
12	Electrical Machines Lab-II - U19EEP42	Mr.K.Thangaraj Mr.S.Asokkumar	30	30	26
13	Linear Integrated Circuits Lab - U19EEP43	Mr.U.Surendarakumaran Mr.S. T.Saranya	30	30	42
14	General Proficiency – II - U19EES41	Dr.D.Jaichitra	30	30	24
15	Skill Development Course IV: Autonomous Robotic -U19EES42	Mr.C.Adrienperiyanayagam	30	35	28
		III / VI/ A			
1	Power System Analysis – EE P61	Dr. C.Kalaivani	45	48	32
2	Utilization of Electrical Energy - EE P62	Dr.S.Ganesh Kumaran	45	46	48
3	Microprocessor and Microcontroller - EE P63	Mr.B. Parthiban	45	48	36
4	Electrical Machine Design - EE P64	Mr.S.Johnpowl	45	52	50
5	Digital Signal Processing	Ms.N.Swarnalakshmi	45	45	68

	- EE P65				
6	Fuzzy and Neural Network – EE E03	Mrs.C.Kalaivani	45	46	54
7	Power Electronics Lab – EE P61	Mr.I.Shivasankkar Mrs.G.Kalapana	30	30	32
8	Microprocessor and Microcontroller Lab – EE P62	Mr.S.Johnpowl	30	30	32
9	General Proficiency II - HS P63	Mrs.G.Namita	30	30	24
		III /VI/ B			
1	Power System Analysis – EE P61	Mr.I.Shivasankkar	45	46	62
2	Utilization of Electrical Energy - EE P62	Mr.Y.Bosky	45	40	34
3	Microprocessor and Microcontroller - EE P63	Mr.D.Durairaj	45	48	55
4	Electrical Machine Design - EE P64	Dr.S.Ganeshkumaran	45	52	44
5	Digital Signal Processing - EE P65	Mr.M.Arulkumaran	45	48	68
6	Fuzzy and Neural Network – EE E03	Dr.P.Jamuna	45	45	43
7	Power Electronics Lab – EE P61	Mr.V.Malarselvam Mrs.T.Saranya	30	30	32
8	Microprocessor and Microcontroller Lab – EE P62	Mr.V.Janagiraman Mr R.Rajtilak	30	30	36
9	General Proficiency II - HS P63	Mrs.G.Namita	30	30	24
		III / VI / C			
1	Power System Analysis – EE P61	Mrs.Y.Bosky	45	46	32
2	Utilization of Electrical Energy - EE P62	Mr.I.Shivasankkar	45	40	36
3	Microprocessor and Microcontroller - EE P63	Mr.U.Surendrakumaran	45	48	36
4	Electrical Machine Design - EE P64	Mr.V.Malarselvam	45	52	43
5	Digital Signal Processing - EE P65	Mrs.S. Punitha	45	48	36
6	Fuzzy and Neural Network – EE E03	Dr.S.Anbumalar	45	45	44
7	Power Electronics Lab – EE P61	Dr.D.Raja Dr.M.Susithra	30	30	34
8	Microprocessor and Microcontroller Lab – EE P62	Mr.D.Durairaj Mr.K.Thangaraj	30	30	30
9	General Proficiency II - HS P63	Mrs.G.Namita	30	30	24
		IV / VIII / A			
1	Protection and Switchgear – EE T81	Dr.K.Suresh	45	48	32
2	Power System Restructuring and Deregulation – EE E16	Dr. M.Susithra	45	46	47
3	Smart Grid – EE E19	Dr. D. Raja	45	48	60
4	Project Phase –II – EE PW8	Dr.K.Suresh Dr.P.Jamuna	30	30	64

5	Comprehensive Viva – EE P81	Ms.N. Swarnalakshmi Ms.K.Gowri Ms.B.Mahalakshmi	30	30	34
6	Professional Ethical Practice – EE P82	Dr. S. Ganesh Kumaran Mr.S.John Powl Mr.K.Thangaraj	30	30	23
IV / VIII / B					
1	Protection and Switchgear – EE T81	Dr.M.Prabavathi	45	46	47
2	Power System Restructuring and Deregulation – EE E16	Mrs.S.Vijayasamundiswary	45	46	55
3	Smart Grid – EE E19	Mr.S. Asokkumar	30	48	60
4	Project Phase –II – EE PW8	Dr. C.Kalaivani Dr.S.Ganesh Kumaran	30	30	64
5	Comprehensive Viva – EE P81	Mr.A.Janagiraman Mr.U.Surendrakumaran Mr.M.Arulkumaran	30	30	34
6	Professional Ethical Practice – EE P82	Dr. S. Ganesh Kumaran Dr.P.Jamuna Mr.S.John Powl	30	30	24

3.2 Use of ICT Tools in Teaching Learning

S.No	Name of the Faculty	Name of the Course for which ICT used	Year/ Sem	Batch	ICT Tool / Technique Used
1	Dr.S.ANBUMALAR	Measurement and Instrumentation	III/V	2018 - 2022	PPT, Animation Videos
		Fuzzy and Neural Network	III/VI	2018 - 2022	PPT, Animation Videos
2	Dr.K.SURESH	Project Phase – I	IV/VII	2017 - 2021	PPT, Simulation tools, prototypes
		Power System Operation and Control	IV/VII	2017 - 2021	PPT, Animation Videos
		Protection and Switchgear	IV/VIII	2017 - 2021	PPT, Animation Videos
		Project Phase –II	IV/VIII	2017 - 2021	PPT, Simulation tools, prototypes
3	Dr.P.JAMUNA	Project Phase – I	IV/VII	2017 - 2021	PPT, Simulation tools, prototypes
		Power System Economics	IV/VII	2017 - 2021	PPT, Animation Videos
		Fuzzy and Neural Network	III/VI	2018 - 2022	PPT, Animation Videos
		Project Phase –II	IV/VIII	2017 - 2021	PPT, Simulation tools, prototypes
4	Dr.D.RAJA	Electronics Lab – III	III/V	2018 - 2022	PPT, Animation Videos
		Solid State Drives	IV/VII	2017 - 2021	PPT, Animation Videos, Quiz
		Power Electronics Lab	III/VI	2018 - 2022	PPT, Animation Videos, simulation
		Smart Grid	IV/VIII	2017 - 2021	PPT, Animation Videos
5	Mrs.S.VIJAYASAMUNDISW	Analog and Digital Integrated Circuits	III/V	2018 - 2022	PPT, Animation

	ARY				Videos
		Power Plants for Electrical Engineering	II / IV	2019 - 2023	PPT, Animation Videos
		Power System Restructuring and Deregulation	IV/VIII	2017 - 2021	PPT, Animation Videos
6	Dr. C.KALAIVANI	Project Phase – I	IV/VII	2017 - 2021	PPT, Simulation tools, prototypes
		Power System Analysis	III/VI	2018 - 2022	PPT, Animation Videos
		Fuzzy and Neural Network	III/VI	2018 - 2022	PPT, Animation Videos
		Project Phase –II	IV/VIII	2017 - 2021	PPT, Simulation tools, prototypes
		Project Phase –II	IV/VIII	2017 - 2021	PPT, Simulation tools, prototypes
7	Dr.S.GANESH KUMARAN	Project Phase – I	IV/VII	2017 - 2021	PPT, Simulation tools, prototypes
		Utilization of Electrical Energy	III/VI	2018 - 2022	PPT, Animation Videos
		Electrical Machine Design	III/VI	2018 - 2022	PPT, Animation Videos
8	Dr.M.SUSITHRA	Power System Economics	IV/VII	2017 - 2021	PPT, Animation Videos
		Power Electronics Lab	III/VI	2018 - 2022	PPT, Animation Videos, simulation
		Power System Restructuring and Deregulation	IV/VIII	2017 - 2021	PPT, Animation Videos
9	Dr.M.PRABAVATHI	Renewable Energy Sources	IV/VII	2017 - 2021	PPT, Animation Videos
		Introduction to Communication Systems	II / IV	2019 - 2023	PPT, Animation Videos
		Protection and Switchgear	IV/VIII	2017 - 2021	PPT, Animation Videos
10	Mr.B. PARTHIBAN	Analog and Digital Integrated Circuits	III/V	2018 - 2022	PPT, Animation Videos
		Data Structure and Object Oriented Programming Lab	II / IV	2019 - 2023	PPT, Animation Videos
		Microprocessor and Microcontroller	III/VI	2018 - 2022	PPT, Animation Videos, Quiz
11	Mr.S.JOHNPOWL	Electrical Machines –I	II / III	2019 - 2023	PPT, Animation Videos
		Electrical Machines –I Lab	II / III	2019 - 2023	PPT, Animation Videos,
		Microprocessor and Microcontroller Lab	III/VI	2018 - 2022	PPT, Animation Videos
		Electrical Machine Design	III/VI	2018 - 2022	PPT, Animation Videos
12	Mr.P.SIVAPRAKASAM	Power System Simulation Lab	IV/VII	2017 - 2021	PPT, Animation Videos,simulation
		Digital Signal Processing	III/VI	2018 - 2022	PPT, Animation Videos
		Smart Grid	IV/VIII	2017 - 2021	PPT, Animation Videos
13	Mr.A.JANAGIRAMAN.	Electronic Devices and Circuits	II / III	2019 - 2023	PPT, Animation Videos, Quiz
		Electronics Lab	II / III	2019 - 2023	PPT, Animation

					Videos, simulation
		Energy Storage Technology	II / IV	2019 - 2023	PPT, Animation Videos, Quiz
14	Mr.K.THANGARAJ	Electric Circuit Analysis Lab	II / III	2019 - 2023	PPT, Animation Videos
		Electrical Machines – II	II / IV	2019 - 2023	PPT, Animation Videos
		Electrical Machines Lab- II	II / IV	2019 - 2023	PPT, Animation Videos
		Microprocessor and Microcontroller Lab	III/VI	2018 - 2022	PPT, Animation Videos
15	Mr.D. DURAIRAJ	Electric Circuit Analysis	II / III	2019 - 2023	PPT, Animation Videos, simulation
		Transmission and Distribution	III/V	2018 - 2022	PPT, Animation Videos
		Electronics Lab – III	III/V	2018 - 2022	PPT, Animation Videos
		Microprocessor and Microcontroller	III/VI	2018 - 2022	PPT, Animation Videos
		Microprocessor and Microcontroller Lab	III/VI	2018 - 2022	PPT, Animation Videos
16	Mr.V. MALARSELVAM	Electrical Machines –I Lab	II / III	2019 - 2023	PPT, Animation Videos, Quiz
		Renewable Energy Sources	IV/VII	2017 - 2021	PPT, Animation Videos, Quiz
		Data Structure and Object Oriented Programming Lab	II / IV	2019 - 2023	PPT, Animation Videos
		Power Electronics Lab	III/VI	2018 - 2022	PPT, Animation Videos
		Electrical Machine Design	III/VI	2018 - 2022	PPT, Animation Videos
17	Mrs.S. PUNITHA	Measurement and Instrumentation	III/V	2018 - 2022	PPT, Animation Videos
		Measurement and Control Lab	III/V	2018 - 2022	PPT, Animation Videos, Quiz
		Data Structure and Object Oriented Programming Lab	II / IV	2019 - 2023	PPT, Animation Videos
		Digital Signal Processing	III/VI	2018 - 2022	PPT, Animation Videos
18	Mr.J.MURUGANANDHAM	Solid State Drives	IV/VII	2017 - 2021	PPT, Animation Videos
		Programming in C	I / I	2020 - 2024	PPT, Animation Videos, Quiz
		Data Structure and Object Oriented Programming Lab	II / IV	2019 - 2023	PPT, Animation Videos
		Data Structure and Object Oriented Programming	II / IV	2019 - 2023	PPT, Animation Videos
19	Mr.K. ARUN	Measurement and Control Lab	III/V	2018 - 2022	PPT, Animation Videos
		Power System Simulation Lab	IV/VII	2017 - 2021	PPT, Animation Videos
		Programming in C	I / I	2020 - 2024	PPT, Animation Videos
		Programming in C Lab	I / I	2020 - 2024	PPT, Animation Videos
20	Mr.C.ADRIEN	Electromagnetic Theory	II / III	2019 - 2023	PPT, Animation

	PERIANAYAGAM				Videos
		Measurement and Control Lab	III/V	2018 - 2022	PPT, Animation Videos
		Linear Integrated Circuits	II / IV	2019 - 2023	PPT, Animation Videos
		Linear Integrated Circuits Lab	II / IV	2019 - 2023	PPT, Animation Videos
21	Mr.S. T.SARANYA	Electric Circuit Analysis	II / III	2019 - 2023	PPT, Animation Videos, Quiz
		Electronics Lab – III	III/V	2018 - 2022	PPT, Animation Videos
		Linear Integrated Circuits Lab	II / IV	2019 - 2023	PPT, Animation Videos
		Power Electronics Lab	III/VI	2018 - 2022	PPT, Animation Videos
22	Mr.R.RAGUPATHY	Electronics Lab – III	III/V	2018 - 2022	PPT, Animation Videos
		Electrical Engineering	I / I	2020 - 2024	PPT, Animation Videos
		Electrical Machines Lab- II	II / IV	2019 - 2023	PPT, Animation Videos
23	Mr.A.NARENDRAN	Electronics Lab – III	III/V	2018 - 2022	PPT, Animation Videos, Quiz
		Power System Operation and Control	IV/VII	2017 - 2021	PPT, Animation Videos
		Electrical Machines Lab- II	II / IV	2019 - 2023	PPT, Animation Videos
24	Mrs.G.KALPANA.	Electronics Lab – III	III/V	2018 - 2022	PPT, Animation Videos
		Data Structure and Object Oriented Programming	II / IV	2019 - 2023	PPT, Animation Videos
		Power Electronics Lab	III/VI	2018 - 2022	PPT, Animation Videos
25	Mr.N.JAIGANESH	Transmission and Distribution	III/V	2018 - 2022	PPT, Animation Videos
		Electronics Lab – I	I / I	2020 - 2024	PPT, Animation Videos
		Engineering Computation with MATLAB	II / IV	2019 - 2023	PPT, Animation Videos, Quiz
		Sensors and Transducers for Electrical Engineering	II / IV	2019 - 2023	PPT, Animation Videos
		Linear Integrated Circuits Lab	II / IV	2019 - 2023	PPT, Animation Videos
26	Mr R.RAJTILAK	Power Electronics	III/V	2018 - 2022	PPT, Animation Videos
		Electrical Engineering	I / I	2020 - 2024	PPT, Animation Videos
		Microprocessor and Microcontroller Lab	III/VI	2018 - 2022	PPT, Animation Videos
27	Mr.V. JANAKIRAMAN	Power Electronics	III/V	2018 - 2022	PPT, Animation Videos
		Electronic Devices	I / I	2020 - 2024	PPT, Animation Videos, Quiz
		Microprocessor and Microcontroller Lab	III/VI	2018 - 2022	PPT, Animation Videos
28	Mrs.Y.BOSKY	Power Electronics	III/V	2018 - 2022	PPT, Animation

					Videos
		Electrical Engineering Lab	I / I	2020 - 2024	PPT, Animation Videos
		Utilization of Electrical Energy	III/VI	2018 - 2022	PPT, Animation Videos
		Power System Analysis	III/VI	2018 - 2022	PPT, Animation Videos
29	Mr.S.ASOK KUMAR	Electrical Machines –I Lab	II / III	2019 - 2023	PPT, Animation Videos
		Transmission and Distribution	III/V	2018 - 2022	PPT, Animation Videos
		Energy Engineering	III/V	2018 - 2022	PPT, Animation Videos
		Electrical Machines Lab- II	II / IV	2019 - 2023	PPT, Animation Videos
30	Mr.K.MANIKANDA PRABHU.	Electromagnetic Theory	II / III	2019 - 2023	PPT, Animation Videos
		Programming in C Lab	I / I	2020 - 2024	PPT, Animation Videos
		Electronics Lab – I	I / I	2020 - 2024	PPT, Animation Videos
		Electrical Safety Engineering	II / IV	2019 - 2023	PPT, Animation Videos
31	Ms.N.SWARNALAKSHMI	Electronic Devices and Circuits	II / III	2019 - 2023	PPT, Animation Videos
		Electronics Lab	II / III	2019 - 2023	PPT, Animation Videos
32	Mr.M.ARUL KUMAR	Electric Circuit Analysis Lab	II / III	2019 - 2023	PPT, Animation Videos
		Communication Engineering	III/V	2018 - 2022	PPT, Animation Videos
		Measurement and Control Lab	III/V	2018 - 2022	PPT, Animation Videos
		Programming in C Lab	I / I	2020 - 2024	PPT, Animation Videos
		Digital Signal Processing	III/VI	2018 - 2022	PPT, Animation Videos
33	Mr.K.KANNAN	Digital Electronics	II / III	2019 - 2023	PPT, Animation Videos
		Electronics Lab	II / III	2019 - 2023	PPT, Animation Videos
		Measurement and Instrumentation	III/V	2018 - 2022	PPT, Animation Videos
34	Mrs.S.UMA MAGESWARI	Digital Electronics	II / III	2019 - 2023	PPT, Animation Videos
		Energy Engineering	III/V	2018 - 2022	PPT, Animation Videos
		Electronics Lab	II / III	2019 - 2023	PPT, Animation Videos
35	Mr.I.SHIVASANKKAR	Electric Circuit Analysis Lab	II / III	2019 - 2023	PPT, Animation Videos, simulation
		Analog and Digital Integrated Circuits	III/V	2018 - 2022	PPT, Animation Videos
		Power Electronics Lab	III/VI	2018 - 2022	PPT, Animation Videos
		Power System Analysis	III/VI	2018 - 2022	PPT, Animation

					Videos
		Utilization of Electrical Energy	III/VI	2018 - 2022	PPT, Animation Videos
36	Mr.U.SURENDRA KUMARAN	Electrical Machines –I	II / III	2019 - 2023	PPT, Animation Videos
		Measurement and Control Lab	III/V	2018 - 2022	PPT, Animation Videos
		Electrical Engineering Lab	I / I	2020 - 2024	PPT, Animation Videos
		Linear Integrated Circuits	II / IV	2019 - 2023	PPT, Animation Videos
		Linear Integrated Circuits Lab	II / IV	2019 - 2023	PPT, Animation Videos
		Microprocessor and Microcontroller	III/VI	2018 - 2022	PPT, Animation Videos
37	Mrs. G.KONAMMA	Electrical Machines –I Lab	II / III	2019 - 2023	PPT, Animation Videos
		Power System Simulation Lab	IV/VII	2017 - 2021	PPT, Animation Videos
		Electronics Lab – I	I / I	2020 - 2024	PPT, Animation Videos
		Electrical Engineering Lab	I / I	2020 - 2024	PPT, Animation Videos
38	MS.V.VIJAYASANTHI	Communication Engineering	III/V	2018 - 2022	PPT, Animation Videos
		Power System Simulation Lab	IV/VII	2017 - 2021	PPT, Animation Videos
39	Ms.B.MAHALAKSHMI	Electric Circuit Analysis Lab	II / III	2019 - 2023	PPT, Animation Videos
		Energy Engineering	III/V	2018 - 2022	PPT, Animation Videos
		Measurement and Control Lab	III/V	2018 - 2022	PPT, Animation Videos
		Electrical Machines – II	II / IV	2019 - 2023	PPT, Animation Videos
40	Mr.R.NAKKERRAN	Communication Engineering	III/V	2018 - 2022	PPT, Animation Videos
		Electrical Engineering Lab	I / I	2020 - 2024	PPT, Animation Videos
		Electronic Devices	I / I	2020 - 2024	PPT, Animation Videos

3.3 List of Expert Lectures / Workshop Conducted

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
1	Design aspect of BLDC motor and magnet software	Dr.C.Carunaiselvane	29.08.2020	II & III
2	Solar PV technology, CEA, Standards, Regulation and Grid connectivity	Dr.J.Raja	05.09.2020	II & III
3	Electrical Engineering Applications In Railway Coaches	Mr. R.Vijayaramu	19.09.2020	II & III
4	Recent Trends On Electronics and Emerging Area of Electronics Application	Mr.N.V.P.Sairam	12.11.2020	II & III

5	Renewable Energy For Sustainable Development In India	Dr. Elammaran Jayamani,	19.11.2020	II, III, IV
6	Control of AC Drives and Filters	Dr.Sanjeevikumar Padmanaban	21.11.2020	II, III, IV
7	Industrial Automation and Its Career Scope	Mr.S.Mahendran	21.11.2020	II, III, IV
8	VLSI Design Flow and The Role Of Design Automation	Mr. T.Deepan	30.11.2020	II & III
9	XRAI-Extended Reality Artificial Intelligence and IoT	Mr.Srinivasa ragavan	12.12.2020	II, III, IV
10	Design of Transformers	Mr.T.Prabakaran	15.12.2020	II, III, IV
11	Energy Efficient System	Mr.Lakshmikanth	18.12.2020	II, III, IV

3.4 Activities for Slow and Advanced Learners

S. No	Name of the Faculty	Name of the Course for which ICT used	Year/ Sem	Batch	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1	Dr.S.ANBUMALAR	Measurement and Instrumentation	III/V	2018 - 2022	Yes	10	Yes
2	`Dr.K.SURESH	Power System Operation and Control	IV/VII	2017 - 2021	Yes	12	Yes
		Protection and Switchgear	IV/VIII	2017 - 2021	Yes	10	Yes
3	Dr.P.JAMUNA	Power System Economics	IV/VII	2017 - 2021	Yes	12	Yes
		Fuzzy and Neural Network	III/VI	2018 - 2022	Yes	15	Yes
4	Dr.D.RAJA	Solid State Drives	IV/VII	2017 - 2021	Yes	10	Yes
		Smart Grid	IV/VIII	2017 - 2021	Yes	9	Yes
5	Mrs.S.VIJAYASAMUNDISWARY	Analog and Digital Integrated Circuits	III/V	2018 - 2022	Yes	10	Yes
		Power Plants for Electrical Engineering	II / IV	2019 - 2023	Yes	12	Yes
		Power System Restructuring and Deregulation	IV/VIII	2017 - 2021	Yes	12	Yes
6	Dr. C.KALAIVANI	Power System Analysis	III/VI	2018 - 2022	Yes	12	Yes
		Fuzzy and Neural Network	III/VI	2018 - 2022	Yes	10	Yes
7	Dr.S.GANESH KUMARAN	Utilization of Electrical Energy	III/VI	2018 - 2022	Yes	10	Yes
		Electrical Machine Design	III/VI	2018 - 2022	Yes	10	Yes
8	Dr.M.SUSITHRA	Power System Economics	IV/VII	2017 - 2021	Yes	10	Yes
		Power System Restructuring and Deregulation	IV/VIII	2017 - 2021	Yes	12	Yes
9	Dr.M.PRABAVATHI	Renewable Energy Sources	IV/VII	2017 - 2021	Yes	11	Yes

		Introduction to Communication Systems	II / IV	2019 - 2023	Yes	12	Yes
		Protection and Switchgear	IV/VIII	2017 - 2021	Yes	10	Yes
10	Mr.B. PARTHIBAN	Analog and Digital Integrated Circuits	III/V	2018 - 2022	Yes	12	Yes
		Microprocessor and Microcontroller	III/VI	2018 - 2022	Yes	10	Yes
11	Mr.S.JOHNPOWL	Electrical Machines –I	II / III	2019 - 2023	Yes	10	Yes
		Electrical Machine Design	III/VI	2018 - 2022	Yes	10	Yes
12	Mr.P.SIVAPRAKASAM	Digital Signal Processing	III/VI	2018 - 2022	Yes	10	Yes
		Smart Grid	IV/VIII	2017 - 2021	Yes	12	Yes
13	Mr.A.JANAGIRAMAN.	Electronic Devices and Circuits	II / III	2019 - 2023	Yes	10	Yes
		Energy Storage Technology	II / IV	2019 - 2023	Yes	10	Yes
14	Mr.K.THANGARAJ	Electric Circuit Analysis Lab	II / III	2019 - 2023	Yes	12	Yes
		Electrical Machines – II	II / IV	2019 - 2023	Yes	10	Yes
15	Mr.D. DURAIRAJ	Electric Circuit Analysis	II / III	2019 - 2023	Yes	10	Yes
		Transmission and Distribution	III/V	2018 - 2022	Yes	15	Yes
		Microprocessor and Microcontroller	III/VI	2018 - 2022	Yes	10	Yes
16	Mr.V. MALARSELVAM	Renewable Energy Sources	IV/VII	2017 - 2021	Yes	10	Yes
		Electrical Machine Design	III/VI	2018 - 2022	Yes	10	Yes
17	Mrs.S. PUNITHA	Measurement and Instrumentation	III/V	2018 - 2022	Yes	10	Yes
		Digital Signal Processing	III/VI	2018 - 2022	Yes	10	Yes
18	Mr.J.MURUGANANDHAM	Solid State Drives	IV/VII	2017 - 2021	Yes	11	Yes
		Programming in C	I / I	2020 - 2024	Yes	12	Yes
		Data Structure and Object Oriented Programming	II / IV	2019 - 2023	Yes	10	Yes
19	Mr.K. ARUN	Programming in C	I / I	2020 - 2024	Yes	12	Yes
20	Mr.C.ADRIEN PERIANAYAGAM	Electromagnetic Theory	II / III	2019 - 2023	Yes	10	Yes
		Linear Integrated Circuits	II / IV	2019 - 2023	Yes	10	Yes
21	Mr.S. T.SARANYA	Electric Circuit Analysis	II / III	2019 - 2023	Yes	10	Yes
22	Mr.R.RAGUPATHY	Electrical Engineering	I / I	2020 - 2024	Yes	10	Yes
23	Mr.A.NARENDRAN	Power System Operation and Control	IV/VII	2017 - 2021	Yes	12	Yes
24	Mrs.G.KALPANA.	Data Structure and Object Oriented Programming	II / IV	2019 - 2023	Yes	10	Yes
25	Mr.N.JAIGANESH	Transmission and Distribution	III/V	2018 - 2022	Yes	10	Yes
		Engineering Computation with MATLAB	II / IV	2019 - 2023	Yes	12	Yes
		Sensors and Transducers for Electrical Engineering	II / IV	2019 - 2023	Yes	10	Yes
26	Mr R.RAJTILAK	Power Electronics	III/V	2018 - 2022	Yes	10	Yes
		Electrical Engineering	I / I	2020 - 2024	Yes	15	Yes
27	Mr.V. JANAKIRAMAN	Power Electronics	III/V	2018 - 2022	Yes	10	Yes
		Electronic Devices	I / I	2020 - 2024	Yes	10	Yes
28	Mrs.Y.BOSKY	Power Electronics	III/V	2018 - 2022	Yes	12	Yes
		Utilization of Electrical Energy	III/VI	2018 - 2022	Yes	10	Yes

		Power System Analysis	III/VI	2018 - 2022	Yes	12	Yes
29	Mr.S.ASOK KUMAR	Transmission and Distribution	III/V	2018 - 2022	Yes	10	Yes
		Energy Engineering	III/V	2018 - 2022	Yes	10	Yes
30	Mr.K.MANIKANDA PRABHU	Electromagnetic Theory	II / III	2019 - 2023	Yes	10	Yes
		Electrical Safety Engineering	II / IV	2019 - 2023	Yes	10	Yes
31	Ms.N.SWARNALAKSHMI	Electronic Devices and Circuits	II / III	2019 - 2023	Yes	12	Yes
32	Mr.M.ARUL KUMAR	Communication Engineering	III/V	2018 - 2022	Yes	10	Yes
		Measurement and Control Lab	III/V	2018 - 2022	Yes	10	Yes
		Digital Signal Processing	III/VI	2018 - 2022	Yes	10	Yes
33	Mr.K.KANNAN	Digital Electronics	II / III	2019 - 2023	Yes	12	Yes
		Measurement and Instrumentation	III/V	2018 - 2022	Yes	10	Yes
34	Mrs.S.UMA MAGESWARI	Digital Electronics	II / III	2019 - 2023	Yes	12	Yes
		Energy Engineering	III/V	2018 - 2022	Yes	15	Yes
35	Mr.I.SHIVASANKKAR	Analog and Digital Integrated Circuits	III/V	2018 - 2022	Yes	10	Yes
		Power System Analysis	III/VI	2018 - 2022	Yes	9	Yes
		Utilization of Electrical Energy	III/VI	2018 - 2022	Yes	10	Yes
36	Mr.U.SURENDRA KUMARAN	Electrical Machines –I	II / III	2019 - 2023	Yes	12	Yes
		Linear Integrated Circuits	II / IV	2019 - 2023	Yes	12	Yes
		Microprocessor and Microcontroller	III/VI	2018 - 2022	Yes	12	Yes
37	MS.V.VIJAYASANTHI	Communication Engineering	III/V	2018 - 2022	Yes	10	Yes
38	Ms.B.MAHALAKSHMI	Energy Engineering	III/V	2018 - 2022	Yes	10	Yes
		Electrical Machines – II	II / IV	2019 - 2023	Yes	10	Yes
39	Mr.R.NAKKERRAN	Communication Engineering	III/V	2018 - 2022	Yes	10	Yes
		Electronic Devices	I / I	2020 - 2024	Yes	12	Yes

3.5 Counseling and Mentoring

S.No	Particular	Yes / No	Remarks (if any)
1	Mentor Allocation	Yes	–
2	Class wise student Profile Record Maintained	Yes	–
3	Mentor – Mentee Session Record Maintained	Yes	–

No. of Students in Department	Number of Full Time Teachers in the Department	Mentor : Mentee Ratio
454	**40**	**1:11**

3.6 Internal Evaluation Systems

S.No	Particular	Yes / No	Remarks (if any)
1	Continuous Assessment Test Record	**Yes**	–
2	Seminar / Project Review Record	**Yes**	–
3	End Semester Examination Record	**Yes**	–
4	Student Grade Report	**Yes**	–

3.7 Learning Outcomes

S.No	Particular	Yes / No	Remarks (if any)
1	PO, PEO, PSO, CO are well stated	**Yes**	–
2	Correlation of COs with POs and PSOs for each Course	**Yes**	–
3	Course Outcome Attainment Calculated	**Yes**	**Batch: 2017 – 2021** Target: Level 3 Benchmark: Attainment Level 1 -->68% and above of Students Secured ≥ C grade Attainment Level 2 -->70% and above of Students Secured ≥ C grade Attainment Level 3 -->72% and above of Students Secured ≥ C grade **Batch: 2018 – 2022** Target: Level 2 Benchmark: Attainment Level 1 -->70% and above of Students Secured ≥ C grade Attainment Level 2 -->72% and above of Students Secured ≥ C grade Attainment Level 3 -->74% and above of Students Secured ≥ C grade **Batch: 2019 – 2023** Target: Level 2 Benchmark: Attainment Level 1 -->60% and above of Students Secured ≥ C grade Attainment Level 2 -->62% and above of Students Secured ≥ C grade Attainment Level 3 -->64% and above of Students Secured ≥ C grade **Batch: 2020 – 2024** Target: Level 1 Benchmark: Attainment Level 1 -->50% and above of Students Secured ≥ B grade Attainment Level 2 -->52% and above of Students Secured ≥ B grade Attainment Level 3 -->54% and above of Students Secured ≥ B grade
4	PSO and PO attainment through CO	**Yes**	–

3.8 Student Performance in End Semester Examination

Sr. No	Particular	M. Tech (3rd sem)
1	Number of Students appeared	01
2	Number of All Clear Students	01
3	Number of Students passed with Distinction	01
4	Number of Students passed with First Class	–
5	Number of Students passed with Second Class	–
6	Number of Students Failed	–
7	Passing Percentage	100%

Semester – III (Batch 2019 – 2023)

Sr. No	Particular	B.Tech
1	Number of Students appeared	118
2	Number of All Clear Students	116
3	Number of Students passed with Distinction	57
4	Number of Students passed with First Class	58
5	Number of Students passed with Second Class	1
6	Number of Students Failed	2
7	Passing Percentage	98.30 %

Semester – V (Batch 2018 – 2022)

Sr. No	Particular	B.Tech
1	Number of Students appeared	111
2	Number of All Clear Students	111
3	Number of Students passed with Distinction	58
4	Number of Students passed with First Class	51
5	Number of Students passed with Second Class	02
6	Number of Students Failed	-
7	Passing Percentage	100%

Semester – VII (Batch 2017 – 2021)

Sr. No	Particular	B.Tech
1	Number of Students appeared	116
2	Number of All Clear Students	116
3	Number of Students passed with Distinction	43
4	Number of Students passed with First Class	69
5	Number of Students passed with Second Class	04
6	Number of Students Failed	-
7	Passing Percentage	100 %

SECTION – IV: STRUCTURED FEEDBACK

S.No	Particular	Yes / No	Number of Feedback Collected	Remarks (if any)
1	Student Feedback on Teaching and Learning conducted with action taken report	Yes	454	–
2	Parent Meet / Parent Feedback on Teaching conducted with action taken report	Yes	65	–
3	Student Exit Survey conducted and Analysed	Yes	116	–
4	Alumni Feedback conducted and Analysed	Yes	200	–

SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS

5.1 Research Grants, Projects completed and ongoing from various Funding Agencies

S.No	Principle Investigator	Title of Project / Grants	Funding Agency	Amount (Rs. in Lakhs)	Duration of the project
1	Dr.S.Anbumalar	Modernisation and Removal of Obsolesence (MODROB) Modernisations of Power Electronics and Drives Laboratory	AICTE	Rs 8,80,000 /-	2 Years
2	Mr. V.Malarselvam Assistant Professor	Smart Weeder	Texas	Rs. 1,00,000/-	1 year
3	Mr. V. Malarselvam and Ms. N. Swarnalakshmi Assistant Professor	Automatic Chappati Maker	Smart India Hackathon 2020	Rs. 1,00,000/-	1 year
4	Mr. V.Malarselvam and Mr. D.Durairaj Assistant Professor	Batter-O-matic	Swadeshi Microprocessor Challenge - 2020	Rs. 1,00,000/-	1 year

5.2 Consultancy Works

S.No	Name of the Faculty	Title of Project	Funding Agency	Fund Generated	Duration of the Consultancy
1	Dr.P.Jamuna	Smart Monitoring Packaging Machine using	Tac Tic Machine Foundation Pvt. Ltd.,	Rs. 85,000/-	6 Months

		IoT	Cuddalore, Tamil Nadu.		
2	Mr.K.Thangaraj	Coating thickness measurement using thermal imaging	Wearresist Technology Pvt. Ltd., Baroda, Gujarat.	Rs.35,000/-	6 Months

5.3 Faculty Publications

Publication Details (Last Four Years)

Sl.No	Academic year	Papers Published in peer reviewed Journals	Scopus, Web of Science Indexing Papers	Total Number of Citations	h-index	Impact Factor range / Average Impact Factors
1.	2020-2021	**Dr.P.Jamuna**, Dr.S.Anbumalar and D.Raja, Design and Simulation of Asymmetrical Multilevel Inverter with Reduced Switches, International Journal of Emerging Technologies and Innovative Research, Volume 7, Issue .6,pp.1280-1284,2020 UGC-CARE Approved ISSN: 2349-5162	**UGC Approved**			**7.95**
2.		**P. Jamuna , S.Anbumalar** , S. Akashraj, N. Sabarish, A. Anand Jacob Raj, S. Muralidharan, Design & Simulation of Switched Reluctance Motor for E-Vehicle, International Journal of Emerging Technologies and Innovative Research, Vol .7,Issue 7 /2020.pp.760-765. ISSN-2349-5162.UGC Approved ISSN: 2349-5162	**UGC Approved**			**7.95**
3.	2019-2020	**D. Raja** ,· G. Ravi ,Dynamic modeling and control of five phase SVPWM inverter fed induction motor drive with intelligent speed controller, Journal of Ambient Intelligence and Humanized Computing,Springer-Verlag	**SCI**		41	**6.13**

		GmbH Germany, part of Springer Nature 2020				
4.		**K. Thangaraj**, K.subramaiam NP,**Narmada.R**, and OmaMageswari.M, "Analysis of harmonic using wavelet technique", International Journal of Electrical and computer Engineering ,ISSN 2088-8708, Vol 9, issue.3, PP 1669-1675, 2019	**Scopus**		4	0.83
5.		G. Jegadeeswari, B. Kirubadurai, D. Lakshmi, **I. Shivasankkar**, Multi carrier based new random pulse width modulation for three phase inverters, International journal of scientific & technology research, ISSN 2277-8616 ,Vol. 9, Issue No 02, Pp 5425 -5432 FEBRUARY 2020	Scopus			0.2
6.	2018-2019	**Dr.S.Ganeshkumaran** and Dr.C.R.Balamurugan, "Enhancement of smartness and security in ATM by Global system for mobile communication", Journal of Engineering Science and Technology, ISSN1823-4690, vol. 13, issue 7, PP 2065 - 2083, 2018	**ESC**		21	0.22
7.		**D. Raja** and G. Ravi "A new switch ladder topology for five phase multilevel inverter fed five phase induction motor", Journal of advanced research in dynamical & control systems ISSN 1943023X,vol.10,special issue 9,pp.1961-1968, 2018	**Scopus**			
8.		**U. Surendrakumaran** and Alamelu Nachiappan., "Voltage-fed Full Bridge Inverter Topology for Inductive Wireless Power	**Scopus**		24	0.46

		Transfer Application", International Journal of Pure and Applied Mathematics (Scopus indexed journal), Volume 118 No. 24 2018 ISSN : 1314-3395				
9.		**U.Surendrakumaran**, and Nachiappan, Alamelu, Three-coil Inductive Power Transfer Using a Direct AC-AC Converter Topology for EV Charging Application (May 17, 2019). Available at SSRN: http://dx.doi.org/10.2139/ssrn.3419767 (Elsevier-SSRN)	**Scopus**			
10.	2017-2018	**P.Jamuna** ,K. Gowri and V.VijayaShanthi, "Analysis of new H- bridge based cascaded Multilevel Inverter",International Journal of Electrical Engineering, Romania, ISSN: 1582-4594 Vol .17.Edition- 2.Article 17.2.12.2017.	**Scopus**		9	0.593
11.		**S. Thamizharasan**"A reduced switch count pulse width modulated inverter", IET Power Electronics, Vol.10, Issue 1, PP .10-17, ISSN 1755-45352017.	**Science Citation Index Expanded (SCI-E)**		77	2.26

Publication Details for Academic Year consider for Auditing

Number of Publication in National Journals	–
Number of Publication in International Journals	18
Number of Publication in National Conferences	–
Number of Publication in International Conferences	05
Number of Books / Book Chapters	–
Number of Patent (Filed)	04
Number of Patents Granted	–

National Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	ISBN / ISSN
1	–	–	–	–

International Journal

S.No	Title of the	Name of the	Name of the	Vol, issue, pp,	Indexing

	Paper	Authors	Journal	ISBN/ISSN	
1.	Automatic Machine Cultivation And Processing of Mustard Seed	Thangaraj K, Nallam Ramalakshmi, Karpagam N, Aswini R, Soniya R	International Journal of Advanced Science and Technology	Vol. 29, Issue. 04,2020 pp. 6688 - 6695, ISSN No.2005-4238	**Scopus**
2.	Drunk Driving Prevention and Automatic Bus Pass tracking by using Image Processing	Malarselvam.V, Jamesh Ashish A, Peranban D, Arun S, Arulmani.P,	International Journal of Scientific Research and Engineering Trends.	Volume 6, Issue 4, Page 2040 – 2043 2395-566X	-
3.	Design and Simulation of Asymmetrical Multilevel Inverter with Reduced Switches	**Dr.P.Jamuna,** Dr.S.Anbumalar D.Raja	International Journal of Emerging Technologies and Innovative Research	Volume 7, Issue .6,pp.1280-1286,2020, ISSN: 2349-5162	-
4.	Design and Simulation of Asymmetrical Multilevel Inverter with Reduced Switches	Dr.P.Jamuna, **Dr.S.Anbumalar** D.Raja	International Journal of Emerging Technologies and Innovative Research	Volume 7, Issue .6,pp.1280-1286,2020, ISSN: 2349-5162	-
5.	Design and Simulation of Asymmetrical Multilevel Inverter with Reduced Switches	Dr.P.Jamuna, Dr.S.Anbumalar **D.Raja**	International Journal of Emerging Technologies and Innovative Research	Volume 7, Issue .6,pp.1280-1286,2020, ISSN: 2349-5162	-
6.	Detection and Restriction of Intruder in the Farm Field by Using Seismic Sensor,	S. John powl, R. Vishnuram, M. Praghadeeswaran, N. Ajith Kumar, N.A. Mohamed Abdulah Razeen	Journal of Xidian University	Volume 14, Issue 7, J uly 2020, Page No: 1480 – 1487. ISSN No.1001-2400	**Scopus**
7.	Ground Cable Fault Locator Using IoT	D. Raja, S.P. Subha, C. Premi, D. Rajeswari, S. Seshiny	Journal of Xidian University	Vol.14 (6), pp 2499-2506, ISSN No.1001-2400	**Scopus**
8.	Design & Simulation of Switched Reluctance Motor for E-Vehicle	P. Jamuna, S.Anbumalar , S. Akashraj, N. Sabarish, A. Anand Jacob Raj, S. Muralidharan	International Journal of Emerging Technologies and Innovative Research	Vol .7,Issue 7 /2020.pp.760-765. ISSN-2349-5162.UGC Approved ISSN: 2349-5162	**UGC**
9.	Design & Simulation of Switched Reluctance Motor for E-Vehicle	P. Jamuna, **S.Anbumalar** , S. Akashraj, N. Sabarish, A. Anand Jacob Raj, S. Muralidharan	International Journal of Emerging Technologies and Innovative Research	Vol .7,Issue 7 /2020.pp.760-765. ISSN-2349-5162.UGC Approved ISSN: 2349-5162	**UGC**
10.	Modern Printer	Mr.Parthiban, Ms.Ramya, Ms.Harinevalli, Ms.Kausalya, Ms.Arisha	International journal of scientific research and engineering trends	Volume 6/ Issue 5/2020, pp.2957-2960/ ISSN/2395-566X/2020	-

11.	Spider In Catastrophe	Dr.P.Jamuna, S.Abinaya, D.Jerin Sarah Lourdes, N.Kaarunya, S.Nisheeta Maria	Journal of Xidian University	Volume 14(9)/2020,pp 543-547, ISSN No:1001-2400/2020	**Scopus**
12.	Turbo Mixing The Raw Material By Dynamic Rotation In Pipelines	Thangaraj. K, Athul. V, Bharathi. S, Marnedhi Akhil Raju, Praveen. R	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	ISSN (P): 2249–6890; ISSN (E): 2249–8001 Vol. 10, Issue 3, Jun 2020, pp:9791–9802	**Scopus, UGC**
13.	Co-Simulation Framework To Detect And Prevent DoS Attack In Smart Grid WAMS	Dr.S.Permkumar, Dr. Susithra.M , Dr. Saminadan.V	Journal of Xidian University	Vol. 14, Issue 7, July / ISSN No:1001-2400/ 2020/pp:105-116	
14.	Renewable energy powered Travelling bags	Durairaj D, Harshapriya S, Nashreen Banu S, Nithiya I, Subalakshmi S	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering	Vol. 8, Issue 3, ISSN:2321-5526March 2020	-
15.	Smart Energy Meter	N.Swarnalakshmi, P.Tamilselvi, M.Sarumathy, G.Sindhuja, S.Sandhiya	International Journal of Electronics Engineering	Vol. 12, Issue 2, ISSN: 09737383, Oct 2020.	-
16.	Design and Development of Assistance Device for Elderly and Differently Abled Person	N.Swarnalakshmi, Sharmila, Anbarasi, Elakkiya	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering	Vol. 08, Issue 6, ISSN: 09737383, June 2020.	-
17.	Nutrition Deficiency Detection in Leaves Using K-Means Clustering Algorithm	S Shalini, J Muruganandham, R Jayasri	Journal of Physics: Conference Series	Vol. 1717, ISSN: 1742-6588, 2020	
18.	Identification and Prevention of Accidents Using Smart Helmet and GPS System	S Shalini, J Muruganandham, S.Surya	Journal of Physics: Conference Series	Vol. 1717, ISSN: 1742-6588, 2020	-

National Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
–	–	–	–	–	–	–

International Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publi sher
1	Automatic Prevention of Electrocution and location identification Using FLI Algorithm	**S. Anbumalar,** P. Jamuna, D.Raja N.K.Naresh Kumar	IEEE 3rd International Conference on Systems, Computation, Automation and Networking (ICSCAN 2020)	IEEE 3rd International Conference on Systems, Computation, Automation and Networking (ICSCAN 2020)	978-1-7281-6202-7	IEEE
2	Automatic Prevention of Electrocution and location identification Using FLI Algorithm	S. Anbumalar, **P. Jamuna,** D.Raja N.K.Naresh Kumar	IEEE 3rd International Conference on Systems, Computation, Automation and Networking (ICSCAN 2020)	IEEE 3rd International Conference on Systems, Computation, Automation and Networking (ICSCAN 2020)	978-1-7281-6202-7	IEEE
3	Automatic Prevention of Electrocution and location identification Using FLI Algorithm	S. Anbumalar, P. Jamuna, **D.Raja** N.K.Naresh Kumar	IEEE 3rd International Conference on Systems, Computation, Automation and Networking (ICSCAN 2020)	IEEE 3rd International Conference on Systems, Computation, Automation and Networking (ICSCAN 2020)	978-1-7281-6202-7	IEEE
4	Performance analysis of 8/6 Switched Reluctance Generator for Wind Energy System	Balaji.R, John Powl.S, Goutham Govinda Raju.R	IEEE 3rd International Conference on Systems, Computation, Automation and Networking (ICSCAN 2020)	IEEE 3rd International Conference on Systems, Computation, Automation and Networking (ICSCAN 2020)	978-1-7281-6202-7	IEEE
5	Smart Energy Meter	N.Swarnalakshmi, P.Tamilselvi, M.Sarumathy, G.Sindhuja, S.Sandhiya	International Web Conference on Advances In Science, Engineering And Management (ICASEM - 2020)	International Web Conference On Advances In Science, Engineering And Management (ICASEM - 2020)	978-93-84893-48-4	IEEE

Books / Book Chapters

S.No	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
–	–	–	–	–

Patent

S.No	Name of the Applicant (s)	Name of the Inventor (s)	Title	Application No. & Patent Filed Date	Country	Current Status
1.	1)Dr.S. Anbumalar 2)Mrs. S. Punitha 3)Dr. P. Jamuna 4)Dr. K. Suresh 5)Dr. M. Susithra 6)Dr. D. Raja 7)Mr. B. Parthiban	1)Dr.S. Anbumalar 2)Mrs. S. Punitha 3)Dr. P. Jamuna 4)Dr. K. Suresh 5)Dr. M. Susithra 6)Dr. D. Raja 7)Mr. B. Parthiban	Device for catalysed drying of food based materials	202041040041 A	India	Published

	8)Mr. S. John Powl 9)Dr. S. Ganesh kumaran 10)Mr. K. Thangaraj 11)Mr. D. Durairaj 12)Mr. V. Malarselvam 13)Mr. J. Muruganandham 14)Mr. R. Ragupathy 15)Mr. I. Shivasankkar	8)Mr. S. John Powl 9)Dr. S. Ganesh kumaran 10)Mr. K. Thangaraj 11)Mr. D. Durairaj 12)Mr. V. Malarselvam 13)Mr. J. Muruganandham 14)Mr. R. Ragupathy 15)Mr. I. Shivasankkar				
2.	1)Mrs. S.Punitha 2)Dr. S.Anbumalar 3)Dr. P. Jamuna 4)Dr. S. Ganesh Kumaran 5)Dr. M. Susithra 6)Mr. A. Janagiraman 7)Mr. K. Arun 8)Mr. R. Ragupathy 9)Ms. N. Swarnalakshmi 10)Mr. U. Surendrakumaran 11)Mr. I. Shivasankkar 12)Ms. Annapurna. R 13)Ms. Akshaya@ Klruthlka. S	1)Mrs. S.Punitha 2)Dr. S.Anbumalar 3)Dr. P. Jamuna 4)Dr. S. Ganesh Kumaran 5)Dr. M. Susithra 6)Mr. A. Janagiraman 7)Mr. K. Arun 8)Mr. R. Ragupathy 9)Ms. N. Swarnalakshmi 10)Mr. U. Surendrakumaran 11)Mr. I. Shivasankkar 12)Ms. Annapurna. R 13)Ms. Akshaya@ Klruthlka. S	Device for detection and prevention of ligament injuries in joints	202041046598 A	India	Published
3.	Mr.J.Muruganandham Dr.S.Anbumalar Dr.P.Jamuna Dr.D.Raja Mr.B.Parthiban Mr.K.Thangaraj Mrs.S.Punitha Mr.V.Malarselvam Mr.C.Adrein Perianayagam Ms.N.Swarnalakshmi	Mr.J.Muruganandham Dr.S.Anbumalar Dr.P.Jamuna Dr.D.Raja Mr.B.Parthiban Mr.K.Thangaraj Mrs.S.Punitha Mr.V.Malarselvam Mr.C.Adrein Perianayagam Ms.N.Swarnalakshmi	Universal Motor Drive for Three Phase Induction Motor and BLDC Motor	202041048951 A	India	Published
4.	Mr. K. Arun Dr. S. Anbumalar Dr. S. Ganeshkumaran Dr. M.Susithra Mr.S.Johnpowl Mr.A. Janagiraman Mr.D.Durairaj Mr.R.Ragupathy Mrs.C.Kalaivani Mr.U.Surendrakumaran	Mr. K. Arun Dr. S. Anbumalar Dr. S. Ganeshkumaran Dr. M.Susithra Mr.S.Johnpowl Mr.A. Janagiraman Mr.D.Durairaj Mr.R.Ragupathy Mrs.C.Kalaivani Mr.U.Surendrakumaran	SMART AQUA GEN	202041048954 A	India	Published

SECTION – VI: COLLABORATIONS AND LINKAGES

6.1 Student Internships

S.No	Name of the student	Name of the sponsored industry /Research institute / Partnering Institution	About Internship		
			Duration	From date	To date
1.	ABINAYA.C	Rane brakes lining India	5 Days	17/08/2020	21/08/2020
	AJAY ARAVIND. V				
	AKAASH. M				
	BARANICHANDIRAN. M				
	DEEPIKA. N				
	ELAKKIYA .B.A				
	FRANCIS FREDRIC. W				
	GIRIDHARAN.V				
	HARI RAAM.V				
	KIRUBHAKARAN .K				
	KRISHNAKUMAR .V				
	PRAVINKUMAR.A				
	PRASATH. P				
	RANJITH. A				
	SADAM HUSSAIN .M				
	SATHISH .S				
	SHARMILA .A				
	SRIDHARAN .D				
	THAMIZHSELVAN. N				
	VIGNESWARAN .P				
	VIJAYAKUMAR .L				
	VISHVA. M				
	AKASH. S		5 Days	01/12/2020	05/12/2020
	ANAND M V				
	ARAVINDHAN. A				
	BALAMANIKANDAN. S				
	DEIVAPRASATH.A				
	DHILIPKUMAR. S				
	DINESH KUMAR. M				
	GOKULRAJ N				
	HARIHARAN S				
	HEMAMAALAN. C				
	JAGADHEESAN. P				
	KARTHIK. R				
	KISHOR. G				
	LOGANATHAN S				
	NARENDIRAN.A				
	PRAVIN. M				
	RAJARAJAN. D				
	SAKTHI ESWARAN.S				
	SIVABALAN S				
	SURENDAR.G				
2.	AKSHAYAKUMAR M	Pantech Pvt Limited	5 Days	17/08/2020	21/08/2020
	AMRUTHA V				
	AYSSWARYA LAKSHMI S				
	DHARANEESHWAR R				
	JAIHARI K				
	NAVANEETHA N				
	NITHISH BALAJI B				
	PREMKUMAR S				
	SANTHAKUMAR M				
	ARUN KUMAR M				
	DINESH KUMAR P				
	GOKULAKUMARAN N				
	KIRUBANITHI A				
	NARMATHA R				
	RAAJEEV E				

3.	ABIKISHORE .R AVINASH.A BALAKRISHNAN. V BARANEDARAN .M DHINESH KUMAR. N ELAVARASAN. E GOKUL .K GOWTHAM. V HARISH.S INBARASAN. S KOUTHAM .K MANIKANDAN.R NARESHKUMAR. N.K PREMKUMAR.C RIYASAHAMED. A SHRIVIGNESH .B	Tenneco Automotive India Private Limited	5 Days	07/09/2020	11/09/2020
	ANAND M V ARAVINDHAN. A DEVANATHAN. J GOKULRAJ N HARISH. A NARENDIRAN.A SIVABALAN S SETHURAM.S THAMARAISELVAN. S THAHAADHAMSHARIF.N		5 Days	21/09/2020	25/09/2020
	ALASHFAK M ANNAMALAI. E ARAVIND.V ARIPRASATH. N ARUNACHALAM.T DEEPA PRAGASAN. V DILEEP PRASATH K GUGAN. M JAWAHAR. G MOHAMED FAWAZ.Y RAJMUGILAN. R SANJAY. M SARAVANAKRISHNAN. V SHARAN. S SUNIL KUMAR. M THAMIZHSELVAN V THIRUMARAN. D VETRIVEL.V VIGNESHWARAN.V YOGESHWAR S		5 Days	07/12/2020	11/12/2020
4.	ARIPRASATH. N BHUVANESH I DHILIPKUMAR.S HARI PRASAD K IYYAPPAN.M HARIHARAN S JAGAN.P PALEPU SHIVA SIVARAMAN P VIGNESH. K	Ramakrishna Transformers	5 Days	07/09/2020	11/09/2020
	ABINAYA.C ANBARASI.M DEEPIKA. N GAYATHRI.G		5 Days	08/12/2020	12/12/2020
	ELAKKIYA.B ISWARIYA. S KIRUTHIKA.S.V PREETHI.S SHARMILA .A ABINAYA.M ARTHI.S GOMATHI .R KAVITHA. G MADHUMITHA. R		5 Days	14/12/2020	18/12/2020
5.	ARAVINDHAN N CHANDRU S. GOKULAKUMARAN N KALISARAN R	Lucas TVS	5 Days	14/09/2020	19/09/2020

	DELLI BABU. S				
	GANESAMURTHY. S				
	JAVITH AHAMED.J				
	NAYAKAN.S.T				
	SURYAPRAKASH. P				
	BALAJI.A		5 Days	21/09/2020	25/09/2020
	DHIVAKARAN D				
	GANESH. R				
	GOKULSUSHANTH. V				
	KUMARESH. A				
	PRABAKARAN.M				
	SARANKUMAR. K				
	SELVABARATH. A				
	SUVEDHARAN. V				
	YUGESHVAR.V				
	ARAVINDHAN M		5 Days	01/12/2020	05/12/2020
	HARIHARAN G				
	KIRUBANITHI A				
	RAAJEEV E				
	SIVARAMACHANDRAN S				
	VIGNESHWARAN A				
	AKSHAYAKUMAR M				
	DHARANEESHWAR R				
	KISHOR I				
	NAVANEETHA N				
	SOWRIRAJAN S				
	VIJAYRAJA M				
	PRAVEEN P				
	ARUN KUMAR M		5 Days	08/12/2020	12/12/2020
	DINESH KUMAR P				
	KISHOREKUMAR M				
	NAVANEEDHAKANNAN R				
	SURIYA PRASHAD E				
	YOGARAJ S				
	ARAVINDHAN S				
	FARUK KHAN Z				
	HEMANTH HARISH P				
	SRIKANTH G, VEL V				
	VALAVAN V				
	VIKNESH V				
6.	BRINDHA S	Raneko Tech Private ltd	5 Days	05/10/2020	09/10/2020
	DIVYASRI S				
	KESAVAPRIYA M				
	MANIBHARATHY K				
	NANDHINI K				
	NARMATHA R				
	NIVEDHA K				
	SARANYA MARAN PURUSHOTHAMAN				
	KEERTHIKA V				
	KEERTHI.D				
7.	AJAY ARAVIND. V	Lenova pvt ltd	5 Days	05/10/2020	09/10/2020
	ANIRUDH.V				
	BARRATH . V				
	DHIVAKAR.G				
	GOWTHAM.M				
	GIRIDHARAN.V				
	JAGAPATHY. G				
	PRASATH. P				
	PRAVINKUMAR.A				
	ROOPANRAJ.R				
	AJITH JEGANNATHAN.A		5 Days	15/12/2020	19/12/2020
	KRISHNAKUMAR.V				
	SADAM HUSSAIN.M				
	SURYA.P				

	VIJAYAKUMAR .L BARANEDARAN.M GOKULSUSHANTH.V KOUTHAM .K SHRIVIGNESH.B SUVEDHARAN.V				
8.	S.INDHUJA B.NISHALINI N.PARKAVI	TANGEDCO	5 Days	19/10/2020	23/10/2020
9.	AKSHAYAKUMAR M ARAVINDHAN S BALAJI R FARUK KHAN Z HEMANTH HARISH P GOBINATHAN K GOWTHAM G KEVIN E NITHISH BALAJI B PRAVEEN RAJ M SANTHAKUMAR M SRINIVASSAN R	Vimpro Tech PVT ltd	5 Days	19/10/2020	23/10/2020
	ARULEESWARAN.P DEVANATHAN. J IYYAPPAN. M THIRUMANIRAJ. P VASANTHAKUMAR. R YOGESH. R DELLI BABU. S GOGULARAJ.V HARISH. A KHAJA MOIDEEN S RATHINASABAPATHY A THAMIZHSELVAN. G		5 Days	04/01/2021	08/01/2021
10.	ABDUL RAZAAK.A AKASH.S ANAND M.V ARAVIND.V BALAMANIKANDAN.S DEEPA PRAGASAN. V DEVANATHAN. J DINESH BABU.A HARI PRASAD K JAI GANESH. J KUMARAN. S MUTHUKUMARAN.R OUMAR GOURU. O SAMEER.B THIRUMARAN. D	GT Electronics Pvt Ltd	5 Days	19/10/2020	23/10/2020
	ARUNKUMAR R DINESHKUMAR V KALISARAN R MUKESH MANI S P SIDDHARTH C SRI BALAJI S VIKNESH V		5 Days	04/01/2021	08/01/2021
	ALICE ARNALD A BALAJI R GOBINATHAN K KIRAN S NITHISH BALAJI B PREMKUMAR S SANTHAKUMAR M SRINIVASSAN R		5 Days	18/01/2021	22/01/2021
11.	GANESH. R GOKULSUSHANTH. V JAYA SURIYA. J KUMARESH. A	Manatech Electronics	5 Days	09/11/2020	13/11/2020

	MANGESHKAR. M				
	MOHAMMED ARAAFATH. A				
	MUHAMMED SAFWAN.F				
	NIHILKUMAR.V.S				
	PRASHANTH.A				
	SANTHOSHKUMAR. R				
	SUNDAR .M				
	SRIRAM. S				
	ARUNAACHALAM .S		5 Days	01/02/2021	05/02/2021
	HARI RAAM.V				
	JAGAPATHY. G				
	SEDHURAMAN.E				
	SRIDHARAN .D				
	VIGNESWARAN .P				
	ABIKISHORE.R				
	DUWARAGESH.T				
	HARIDOSS .M				
	MANIKANDAN.R				
	PREMKUMAR.C				
	SELVABARATH. A				
12.	ABISHEAK S	HCL india limited	5 Days	16/11/2020	20/11/2020
	DINESH KUMAR P				
	KIRUBANITHI A				
	KIRUTHIVAS A				
	KISHOREKUMAR M				
	KIRAN S				
	NAVANEETHA N				
	JAYASURIYA S J				
	PRAVEEN RAJ M				
	PRADEEP KUMAR. G				
	SANTHAKUMAR M				
	SOWRIRAJAN S				
	PREMKUMAR S				
	REMIYAN B				
	RAGHUL M				
	AJAY ARAVIND. V		5 Days	22/12/2020	26/12/2020
	BARANICHANDIRAN. M				
	DHARANIDHARAN.J				
	GIRIDHARAN.V,				
	PRAVINKUMAR.A				
	THANESH. S				
	BALAJI.A				
	DHINESH KUMAR. N				
	GOWTHAM. V				
	NIHILKUMAR.V.S				
	SARANKUMAR. K				
	YUGESHVAR.V				
	AKAASH. M		5 Days	05/01/2020	09/01/2020
	AVINASH.A				
	DHIVAKAR .G				
	ELAVARASAN.E				
	KIRUBHAKARAN .K				
	NARESHKUMAR. N.K				
	NITHESH. R				
	RIYASAHAMED. A				
	SANTHOSHKUMAR. R				
	SRIRAM. S				
	SUNDAR .M				
	VISHVA. M				
	AAKASH .V		5 Days	08/02/2020	12/02/2020
	ANIRUDH .V				
	BALAKRISHNAN.V				
	GOWTHAM. M				
	INBARASAN. S				
	MANGESHKAR. M				
	NARENTHIRAN.V.S				
	SATHISH .S				

	SIVACHANDIRAN .V.S VASANTHAKUMAR.D				
13.	AAKASH .V ABINAYA. M ARTHI.S DHANUSHVARMA.R DHINESHKUMAR.R DUSHITHA .T GOMATHI .R HARIDOSS .M INIYA. C KAVITHA. G MADHUMITHA. R NITHESH. R PRIYADARSHINI. R PRIYADHARSHINI .V RAGAPRIYA. T	Hindustan Unilever Limited	5 Days	16/11/2020	20/11/2020
	AKSHAYA M BRINDHA S AMRUTHA V AYSSWARYA LAKSHMI S BHUVANESWARI T INDHUJA S KAVITHA A MALARVIZHI J NISHALINI B PARKAVI N REETHA S SNEKA M GUNA M REMIYAN B KIRUBA D		5 Days	15/02/2020	19/02/2020
14.	ARAVINDHAN N ASHWIN S JAIHARI K PRAVEEN KUMAR K RAGHUL M SARVESVARAN S J PRAVEEN RAJ M GOWTHAM G MANIBHARATHY K GOKULAKUMARAN N PRADEEP KUMAR G SHAHAD SHAMSUDHIEN	Suja shoe	5 Days	22/02/2020	26/02/2020

6.2 Sponsored / Industry Projects

S.No	Project Title	Name of the Student/s	Name of the Sponsored Industry / Research Institute / Partnering Institution	Duration of the Project (Months)
1	Design and Implementation of Smart Monitoring System Using IOT	Mr. V.Gokul sushanth, Mr. M.Prabakaran, Mr. R.Manikandan, Mr. D.Dhivakaran	GT Electronic India Pvt. Ltd., Tamilnadu	6
2	Coating Thickness Measurement using Thermal Imaging	Ms. M.Abinaya, Ms. M.Saishree, Ms. M.Vichithra, Ms. C.Viveka	Vimkar Contacts works LLP	6

6.3 Industrial Visits

S.No	Name of the Industry / Company / Research Institute	Date of Visit	Target Audience	Number of Students Participated
1	Kailash Transformers,	11.02.2021	I/I	109

	Thiruchitrambalam Koot Road, Tamilnadu			
2	Whirlpool of India Ltd. Thirubuvanai, Pondicherry	07.11.2020	IV/VII	116
3	EATON Power Quality India Sedarpet Industrial Estate Pondicherry -605111	21.11.2020	II/III	118
4	GT Electronic India Thiruchitrambalam Koot Road, Tamilnadu	20.02.2021	I/I	109

6.4 Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
1	Auro Tech Transformers, Puducherry	06.06.2019	Skill Development	3 Years
2	Abirami Enterprises Pvt. Ltd., Puducherry	08.06.2019	Skill Development	3 Years
3	Surya Enterprises, Puducherry	10.06.2020	Skill Development	3 Years
4	General Electrical and Mechanical works, Puducherry	06.07.2019	Skill Development	3 Years
5	Appasamy Associates, Puducherry	20.06.2020	Skill Development	3 Years

SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	105
Number of Students opted Higher Studies	4
Number of Entrepreneur	4

7.1 Placements

SL No.	Reg. No.	Name of the student placed	COMPANY PLACED	Salary Package
1	17TE0201	Aakash V	LSE	RS. 2,40,000 P.A
			CSS CROP	RS. 2,12,000 P.A
2	17TE0202	Abi Kishore R	AGEAS FEDERAL	RS. 2,50,000 P.A
3	17TE0203	Abinaya C	TCS-NINJA	RS. 3,36,000 P.A
4	17TE0204	Abinaya.M	CTS	RS. 4,00,000 P.A
5	17TE0205	Aishwarya.R	SUTHERLAND	RS. 2,40,000 P.A
6	17TE0206	Ajay Aravind V	SUTHERLAND	RS. 2,40,000 P.A
			LSE	RS. 2,40,000 P.A
7	17TE0207	Ajithjegannathan . A	TCS-NINJA	RS. 3,36,000 P.A
8	17TE0210	Anirudh.V	TCS-NINJA	RS. 3,36,000 P.A
			LSE	RS. 2,40,000 P.A
9	17TE0213	Arthi S	ACCENTURE	RS. 4,50,000 P.A
10	17TE0214	Arunaachalam.S	TCS-NINJA	RS. 3,36,000 P.A
11	17TE0216	Balaji A	SUTHERLAND	RS. 2,40,000 P.A

12	17TE0219	Baranedaran M	SUTHERLAND	RS. 2,40,000 P.A
13	17TE0220	Baranichandiran M	ACCENTURE	RS. 4,50,000 P.A
14	17TE0221	Barrath. V	TCS-NINJA	RS. 3,36,000 P.A
15	17TE0225	Dhanushvarma R	TCS-NINJA	RS. 3,36,000 P.A
16	17TE0226	Dharanidharan. J	SUTHERLAND	RS. 2,40,000 P.A
			AGEAS FEDERAL	RS. 2,50,000 P.A
17	17TE0229	Dushitha T	TCS-NINJA	RS. 3,36,000 P.A
			SUTHERLAND	RS. 2,40,000 P.A
18	17TE0230	Duwaragesht	CSS CROP	RS. 2,12,000 P.A
19	17TE0231	Elakkiya B A	SOFTSQUARE	RS. 3,25,000 P.A
			SUTHERLAND	RS. 2,40,000 P.A
20	17TE0233	W.Francis Fredric	WIPRO	RS. 3,50,000 P.A
21	17TE0235	Gayathri G	ITC INFOTECH	RS. 3,36,000 P.A
22	17TE0236	Giridharan V	LSE	RS. 2,40,000 P.A
			CSS CROP	RS. 2,12,000 P.A
23	17TE0238	Gokulsushanth.V	HCL TECHNOLOGY	RS. 3,65,000 P.A
			LSE	RS. 2,40,000 P.A
24	17TE0241	Gowtham.M	CTS	RS. 4,00,000 P.A
			TCS-NINJA	RS. 3,36,000 P.A
25	17TE0242	Gowtham.V	HCL TECHNOLOGY	RS. 3,65,000 P.A
			SUTHERLAND	RS. 2,40,000 P.A
			LSE	RS. 2,40,000 P.A
			CSS CROP	RS. 2,12,000 P.A
26	17TE0245	Haridoss. M	ZOHO	RS. 6,50,000 P.A
			CTS	RS. 4,00,000 P.A
27	17TE0249	Inbarasan S	ACCENTURE	RS. 4,50,000 P.A
			TCS-NINJA	RS. 3,36,000 P.A
			SUTHERLAND	RS. 2,40,000 P.A
28	17TE0250	Iswariya.S	HCL TECHNOLOGY	RS. 3,65,000 P.A
			LSE	RS. 2,40,000 P.A
29	17TE0251	Jagapathyg	CTS	RS. 4,00,000 P.A
30	17TE0254	Kavitha G	TCS-NINJA	RS. 3,36,000 P.A
			SUTHERLAND	RS. 2,40,000 P.A
31	17TE0256	Kiruthika S V	TCS-NINJA	RS. 3,36,000 P.A
			SUTHERLAND	RS. 2,40,000 P.A
32	17TE0257	Koutham	SUTHERLAND	RS. 2,40,000 P.A
33	17TE0259	Kumaresh A	TCS-NINJA	RS. 3,36,000 P.A
			SUTHERLAND	RS. 2,40,000 P.A
			CSS CROP	RS. 2,12,000 P.A
34	17TE0260	Madhumitha R	TCS-NINJA	RS. 3,36,000 P.A
			SUTHERLAND	RS. 2,40,000 P.A
			LSE	RS. 2,40,000 P.A
35	17TE0264	Mohammed Araafath.A	TECH MAHINDRA	RS. 3,25,000 P.A
			SUTHERLAND	RS. 2,40,000 P.A
36	17TE0266	Naresh Kumar N K	ZOHO	RS. 4,60,000 P.A.
			TCS-NINJA	RS. 3,36,000 P.A
37	17TE0271	Prasath.P	TCS-NINJA	RS. 3,36,000 P.A

38	17TE0272	Pravinkumar. A	CTS	RS. 4,00,000 P.A
			TCS-NINJA	RS. 3,36,000 P.A
39	17TE0273	Preethi.S	HCL TECHNOLOGY	RS. 3,65,000 P.A
40	17TE0275	Priyadarshini.R	RELIGAR	RS. 2,40,000 P.A
41	17TE0276	Priyadharshini.V	TCS-NINJA	RS. 3,36,000 P.A
42	17TE0277	Ragapriya T	EATON	RS. 3,36,000 P.A
			SUTHERLAND	RS. 2,40,000 P.A
43	17TE0278	Rajesh R	TCS-NINJA	RS. 3,36,000 P.A
			SUTHERLAND	RS. 2,40,000 P.A
44	17TE0280	Ranjith.A	TCS-NINJA	RS. 3,36,000 P.A
45	17TE0281	Riyasahamed. A	CTS	RS. 4,00,000 P.A
46	17TE0284	Saishree.M	HCL TECHNOLOGY	RS. 3,65,000 P.A
			SUTHERLAND	RS. 2,40,000 P.A
			RELIGAR	RS. 2,40,000 P.A
			CSS CROP	RS. 2,12,000 P.A
47	17TE0287	Santhoshkumar.R	CTS	RS. 4,00,000 P.A
48	17TE0288	Sarankumar.K	RELIGAR	RS. 2,40,000 P.A
49	17TE0290	Sedhuraman.E	TCS-NINJA	RS. 3,36,000 P.A
50	17TE0292	Senthamaraikannan.K	SUTHERLAND	RS. 2,40,000 P.A
51	17TE0293	Shalika.M	CTS	RS. 4,00,000 P.A
52	17TE0294	Sharmila.A	HCL TECHNOLOGY	RS. 3,65,000 P.A
53	17TE0295	Shrikarthick.B	SOFTSQUARE	RS. 3,25,000 P.A
			SUTHERLAND.	RS. 2,40,000 P.A
54	17TE0296	Shrivignesh. B	RELIGAR	RS. 2,40,000 P.A
55	17TE0297	Shylesh S	CTS	RS. 4,00,000 P.A
			TCS-NINJA	RS. 3,36,000 P.A
56	17TE0299	Sowntharya. J	WIPRO	RS. 3,50,000 P.A
		Sowntharya. J	SUTHERLAND	RS. 2,40,000 P.A
			RELIGAR	RS. 2,40,000 P.A
57	17TE0300	Sridharan. D	SUTHERLAND	RS. 2,40,000 P.A
58	17TE0302	Sundarm	TCS-NINJA	RS. 3,36,000 P.A
59	17TE0304	Suvedharan.V	TCS-NINJA	RS. 3,36,000 P.A
		Suvedharan.V	SUTHERLAND	RS. 2,40,000 P.A
60	17TE0305	Tamizhselvan N	AGEAS FEDERAL	RS. 2,50,000 P.A
61	17TE0306	Thanesh.S	TCS-NINJA	RS. 3,36,000 P.A
62	17TE0308	Vasanthakumar D	TCS-NINJA	RS. 3,36,000 P.A
		Vasanthakumar D	SUTHERLAND	RS. 2,40,000 P.A
		Vasanthakumar D	CSS CROP	RS. 2,12,000 P.A
63	17TE0309	Vichithra. M	SUTHERLAND	RS. 2,40,000 P.A
64	17TE0310	Vigneshwaran P	UST GLOBAL	RS. 4,00,000 P.A
		Vigneshwaran P	LSE	RS. 2,40,000 P.A
		Vigneshwaran P	AGEAS FEDERAL	RS. 2,50,000 P.A
65	17TE0311	Vijayakumar.L	WIPRO	RS. 3,50,000 P.A
			AGEAS FEDERAL	RS. 2,50,000 P.A
66		Monighasree. T	SUTHERLAND	RS. 2,40,000 P.A
67	17TE0312	Vishva.M	TECH MAHINDRA	RS. 3,25,000 P.A
68	17TE0313	Viveka.C	HCL TECHNOLOGY	RS. 3,65,000 P.A

		Viveka.C	WIPRO	RS. 3,50,000 P.A
		Viveka.C	SUTHERLAND	RS. 2,40,000 P.A
		Vishva.M	AGEAS FEDERAL	RS. 2,50,000 P.A
69	17TE0314	Yugeshvar.V	CTS	RS. 4,00,000 P.A
			TCS-NINJA	RS. 3,36,000 P.A
70	17TEL007	Prabakaran M	RELIGAR	RS. 2,40,000 P.A
71	16TE0238	Iniya. C	VOLTECH	RS. 2,50,000 P.A
72	16TE0272	Pemmadi Dileep Varma	VOLTECH	RS. 2,50,000 P.A
73	17TE0208	Akaash. M	VOLTECH	RS. 2,50,000 P.A
74	17TE0209	Anbarasi. M	VOLTECH	RS. 2,50,000 P.A
75	17TE0210	Anirudh.V	CAPGEMINI	RS. 3,80,000 P.A
			CSS CROP	RS. 2,12,000 P.A
76	17TE0211	Arunraj K	VOLTECH	RS. 2,50,000 P.A
77	17TE0215	Avinash.A	VOLTECH	RS. 2,50,000 P.A
78	17TE0217	Balakrishnan. V	VOLTECH	RS. 2,50,000 P.A
79	17TE0218	Balakumaran S.S	VOLTECH	RS. 2,50,000 P.A
80	17TE0224	Deepika. N	VOLTECH	RS. 2,50,000 P.A
81	17TE0227	Dhinesh Kumar. N	VOLTECH	RS. 2,50,000 P.A
82	17TE0228	Dhivakar.G	SUTHERLAND	RS. 2,40,000 P.A
83	17TE0232	Elavarasan. E	VOLTECH	RS. 2,50,000 P.A
84	17TE0234	Ganesh. R	VOLTECH	RS. 2,50,000 P.A
85	17TE0237	Gokul K	TCS-DIGITAL	RS. 7,00,000 P.A
86	17TE0239	Gomathi R	ACCENTURE	RS. 4,50,000 P.A
			WIPRO	RS. 3,50,000 P.A
			SUTHERLAND	RS. 2,40,000 P.A
			RELIGAR	RS. 2,40,000 P.A
			LSE	RS. 2,40,000 P.A
			CSS CROP	RS. 2,12,000 P.A
87	17TE0240	Gopi V.P	VOLTECH	RS. 2,50,000 P.A
88	17TE0244	Haeramachandiran K	VOLTECH	RS. 2,50,000 P.A
89	17TE0246	Hari Raam .V	VOLTECH	RS. 2,50,000 P.A
90	17TE0248	Harish.S	VOLTECH	RS. 2,50,000 P.A
91	17TE0252	Jaya Suriya .J	SUTHERLAND	RS. 2,40,000 P.A
92	17TE0255	Kirubhakaran .K	SUTHERLAND	RS. 2,40,000 P.A
93	17TE0257	Koutham .K	SUTHERLAND	RS. 2,40,000 P.A
94	17TE0258	Krishnakumar .V	SUTHERLAND	RS. 2,40,000 P.A
95	17TE0261	Malan Deepak.S	SUTHERLAND	RS. 2,40,000 P.A
96	17TE0262	Mangeshkar. M	SUTHERLAND	RS. 2,40,000 P.A
97	17TE0263	Manikandan.R	SUTHERLAND	RS. 2,40,000 P.A
98	17TE0265	Narenthiran .V.S	SUTHERLAND	RS. 2,40,000 P.A
99	17TE0267	Nihil Kumar.V.S	SUTHERLAND	RS. 2,40,000 P.A
100	17TE0268	Nithesh. R	SUTHERLAND	RS. 2,40,000 P.A
101	17TE0274	Premkumar.C	SUTHERLAND	RS. 2,40,000 P.A
102	17TE0282	Roopanraj.R	CTS	RS. 4,00,000 P.A
		Roopanraj.R	TCS-NINJA	RS. 3,36,000 P.A
103	17TE0285	Sakthipriya.S	TCS-NINJA	RS. 3,36,000 P.A
104	17TE0307	Vamanan. K	VolTech	RS. 2,50,000 P.A

7.2 Higher Studies

S.No	Name of the Student	Name of the Institution	Name of Program admitted to
1.	V. Premkumar	ESIGELEC School of Engineering, France	Master in Science and Technology
2.	K. Gokul	Pondicherry Engineering College	Master of Technology
3.	M. Barnedharan	Pondicherry University	Master of Business Administration
4.	V. Gowtham	Pondicherry Engineering College	Master of Technology

7.3 Entrepreneur

S.No	Name of the Student	Name of the Company	Nature of Company	Location / Address
1	V.S.Sivachandiran	Phocans Industries	Production (Assembly Unit)	222/3, Church street, ECR road, Lawspet, Puducherry- 605008
2	S. Shylesh	Phocans Industries	Production (Assembly Unit)	222/3, Church street, ECR road, Lawspet, Puducherry- 605008
3	N.K.Naresh Kumar	Phocans Industries	Production (Assembly Unit)	222/3, Church street, ECR road, Lawspet, Puducherry- 605008
4	C. Iniya	Autotech Transformers	Production Unit	G17, Ground Floor, SIDCO Industrial Estate, Semmandalam, Tamilnadu - 607001

SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT

8.1 Technical Event / Workshop for Student

S.No	Name of the Event / Workshop	Organized under(Department / Student Association/ Profession Chapter / Student Club)	Date of Event	Level (State / National / International)	No. of Participants
1	Drawing and Essay Competition	Literary Club	01.02.2021	-	**109**
2	Hands on Experience in Basic Electronics Components	Technical Club	**02.02.2021**	-	**109**
3	Introduction about Toastmaster Club	Toastmaster Club	04.02.2021	-	**109**
4	Application of Engineering Mathematics	Technical Club	05.02.2021	-	**109**

8.2 FDP /Workshop / STTP / Conference for Faculty

S.No	Name of the Event / Workshop	Organized under(Department / Student Association/ Profession Chapter)	Date of Event	Level (State / National / International)	No. of Participants
1.	Faculty Development Program on "Industry – Academia Interactions: Bridging the Gap"	IEEE Student Chapter	10.09.2020 to 12.09.2020	National	182
2.	Online Short Term Training Programme (STTP) on Emerging Trends in Micro/Nano Sensors and Actuators for Industrial Application Slot-I	AICTE Sponsored	26.10.2020 to 31.10.2020	National	169
3.	Online Short Term Training Programme (STTP) on Emerging Trends in Micro/Nano Sensors and Actuators for Industrial Application Slot-II	AICTE Sponsored	23.11.2020 to 28.11.2020	National	159
4.	Online Short Term Training Programme (STTP) on Emerging Trends in Micro/Nano Sensors and Actuators for Industrial Application Slot-III	AICTE Sponsored	11.01.2021 to 16.01.2021	National	134
5.	Online Short Term Training Programme (STTP) on Emerging Trends in Micro/Nano Sensors and Actuators for Industrial Application Slot-IV	AICTE Sponsored	15.03.2021 to 20.03.2021	National	231

SECTION – IX: ACHIEVEMENTS

9.1 Awards and Prizes Received by Students

S.No	Name of the Student	Event Name / Details	Organized by	Achievement / Position / Prizes
1	S.Shylesh, N.K. Nareshkumar, V.S.Sivachandiran, M.Gobidhan, Saranya Maran Purushothaman,	Swadeshi Microprocesor challenge -2020	Ministry of Electronics and Information Technology, Govt. of India	Top 100 in National level and Won a Cash Price of Rs.1,00,000

	M.Kesavapriya			
2	J.Dharanidharan, V.S.Sivachandiran, V.Giridharan, Akaash.M, N.Deepika, A.Sharmila	Inter College Innovation Challenge $(IC)^2$	Escorts Pvt. Ltd., Haryana	Winner of one among the 12 Teams and Won a Cash Price of Rs. 1,00,000
3	V.S.Sivachandiran, J.Dharanidharan, V.Giridharan, B.Shrikarthik, S.Ishwariya, C.Abinaya	Smart India Hackathon-2020	MHRD, Govt. of India	Won a Cash Price of Rs. 1,00,000
4	J.Devanathan, S.Dhineshe, V.Deepika, A.Arthi, M.Gugan	DS Social Tech Innovation Challenge	Keio University and Indian Institute of Science, Bangalore	Top 20 in the National level
5	Shylesh Srinivasan, Nareshkumar NK, Sivachandran VS, Shrikarthick B, Gobidhan M, Kesavapriya M, Saranya maran P, Brindha S	IICDC 2019	Texas Instruments, DST, AICTE and IIM Bangalore	Top 60 in semifinals and Won a Cash Prize of Rs. 1,00,000
6	Dharanidharan J, Giridharan V, Gowtham M, Hariraam V, Baranichandiran M, Deepika N, Monighashree T, Kiruthika .S.V	IICDC 2019	Texas Instruments, DST, AICTE and IIM Bangalore	Top 60 in semifinals and Won a Cash Prize of Rs. 25,000

9.2 Participation of teachers in various activities as a Members of Committees at University Level / State Level / National Level / International Level bodies

S.No	Name of the Faculty	Members of Committees at University Level / State Level / National Level / International Level as
1	–	–

9.3 Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers

S.No	Name of the Faculty	Name of Editorial Boards / Conferences
1	Dr.S.Anbumalar	Reviewer invitation for IET Generation , Transmission and Distribution
2	D.Raja	Reviewer for Journal of the International Measurement Confederation
3	D.Raja	Reviewer for International Journal of Fuzzy Systems
4	Mr.R. Ragupathy	Jury for Technical Internal Symposium on 8th February 2020, MECHFEST – 2020.
5	Mr.K. Thangaraj	Reviewer for Heliyon
6	Mr.K. Thangaraj	Reviewer for Walailak Journal of Science and Technology (Scopus Indexed Journal)
7	Mr.K. Thangaraj	Reviewer for Journal of Education

9.4 Awards / Prizes and Recognitions received by teachers at University, State, National and International Level

Sl.No	Name of the Faculty	Name of the Awards /Recognition
1.	Dr.S.Anbumalar	Guest for November Xiamen academic Conference
2.	Dr.S.Ganeshkumaran	Internship Lecture on IoT for Engineering Systems
3.	D.Raja	Best Paper Award in National Conference on Advances in Power Energy & Control -2020
4.	Dr.K. Suresh	Completed NPTEL Course on , "Introduction to Smart Grid"
5.	Ms.N.swarnalakshmi	Completed NPTEL Course on , "Solar Energy Engineering and Technology"
6.	Mr.I.Shivashankar	Completed NPTEL Course on, "Roadmap for patent creation"
7.		Completed NPTEL Course on, " NBA Accreditation and Teaching - Learning in Engineering (NATE)"

9.5 Details of Faculty participated in Refresher Courses, Orientation Courses, Seminars, Workshops, Conferences at National and International Level

Sl. No.	Name of the Faculty	Name of the FDP Training/STTP	Duration (From – To)
1.	Dr.S.Anbumalar	Technological Advances in Power Switching Converters for Renewable Energy Sources and Fuel Cell Technology for e-vehicles	01.06.2020 To 05.06.2020
		In Renewable Energy Systems Telligent Controllers for Renewable Energy Systems	23.06.202 To 03.06.2020
		Explore Electrical Engineering in Industrial Application	15.06.2020 To 19.06.2020
		Role of Automation Techniques in Electrical Engineering	15.06.2020 To 19.06.2020
		Emerging Green Technologies for Smart Cities: Challenges and Opportunities	16.06.2020 To 20.06.2020
		Industry Academia Interactions: Bridging the Gap	10.09.2020 To 12.09.2020
		Design Thinking	8.11.2020 To 12.11.2020
2.	Dr.K. Suresh	Industry Academia Interactions: Bridging the Gap	10.09.2020 To 12.09.2020
		Technological Advances in Power Switching Converters for Renewable Energy Sources and Fuel Cell Technology for e-vehicles	01.06.2020 To 05.06.2020
3.	Dr.P.Jamuna	Technological Advances in Power Switching Converters for Renewable Energy Sources and Fuel Cell Technology for e-vehicles	01.06.2020 To 05.06.2020
		In Renewable Energy Systems Telligent Controllers for Renewable Energy Systems	23.06.202 To 03.06.2020
		Explore Electrical Engineering in Industrial Application	15.06.2020 To 19.06.2020
		Role of Automation Techniques in Electrical Engineering	15.06.2020 To 19.06.2020
		Emerging Green Technologies for Smart Cities: Challenges and Opportunities	16.06.2020 To 20.06.2020
		Industry Academia Interactions: Bridging the Gap	10.09.2020 To 12.09.2020
		Design Thinking	8.11.2020 To 12.11.2020
4.	Dr.M.Susithra	Recent Advances In Electrical Engineering (RAEE-2020)	03.06.2020 To 07.06.2020
		Renewable Energy Systems	01.06.2020 To 05.06.2020
		Technological Advances in Power Switching Converters for Renewable Energy Sources and Fuel Cell Technology for E-vehicles	01.06.2020 To 05.06.2020
		Industry Academia Interactions: Bridging the Gap	10.09.2020 To 12.09.2020
		Renewable Energy Systems	08.06.2020 To 12.06.2020

		Future Research Scope in Electrical Engineering	22.06.2020 To 26.06.2020
5.	Dr.S.Ganesh Kumaran	Emerging Green Technologies for Smart Cities: Challenges and Opportunities.	16.06.2020 To 20.06.2020
		Challenges and Innovations in Electrical Engineering Systems.	09.06.2020 To 13.06.2020
		Advances and Challenges in Industrial Automation, E-vehicles, Product and Process Controls Manufacturing in Electrical and Electronics Engineering.	03.06.2020 To 07.06.2020
		Innovative Teaching Pedagogy in the Technical Institutions.	01.06.2020 To 05.06.2020
		Technological Advances in Power Switching Converters for Renewable Energy Sources and Fuel Cell Technology for E-vehicles.	01.06.2020 To 05.06.2020
		Explore Electrical Engineering In Industrial Applications.	15.06.2020 To 19.06.2020
		Exploring Emerging Dimensions of Electronics	05.06.2020 To 09.06.2020
6.	Dr.D.Raja	Renewable Energy systems	01.06.2020 To 05.06.2020
		ATAL :Design thinking	8. 8.11.2020 To 12.11.2020
		Emerging Research area in Engineering	05.06.2020 To 09.06.2020
7.	Dr.M.Prabavathi	Industry Academia Interactions: Bridging the Gap	10.09.2020 To 12.09.2020
8.	Mrs.S.Vijayasamundis wary	Technological Advances in Power Switching Converters for Renewable Energy Sources and Fuel Cell Technology for E-vehicles	01.06.2020 To 05.06.2020
		FDP on Contemporary Challenges in Electrical Engineering and Aiding Technologies	6.07.2020 To 10.07.2020
9.	Mrs. C.Kalaivani	TNSCST sponsored two days national level seminar on "Recent Trends in Electric Vehicle Technology".	5.11.2020 To 6.11.2020
		FDP on Contemporary Challenges in Electrical Engineering and Aiding Technologies	6.07.2020 To 10.07.2020
10.	Mr.B. Parthiban	Industry academic interaction: bridging the gap	10.9.2020 To 12.9.2020
11.	Mr.S.John Powl	Renewable Energy Systems	01.06.20 To 05.06.2020
		Technological Advances in Power Switching Converters for Renewable Energy Sources and Fuel Cell Technology for E-vehicles	01.06.20 To 05.06.2020
		Innovative Teaching Pedagogy in the Technical Institutions	01.06.20 To 05.06.2020.
		Advances and Challenges in Industrial Automation, E-vehicles, Product and Process Controls Manufacturing in Electrical and Electronics Engineering	03.06.20 To 07.06.2020
		Explore Electrical Engineering In Industrial Applications "	15.06.20 To 19.06.2020
		Industry Academia Interactions: Bridging the Gap	10.09.2020 To 12.09.2020
12.	Mr.N.Jaiganesh	Technological Advances in Power Switching Converters for Renewable Energy Sources and Fuel Cell Technology for e-vehicles	01.06.2020 To 05.06.2020
13.	Mr.A.Janagiraman.	Technological Advances in Power Switching Converters for Renewable Energy Sources and Fuel Cell Technology for e-vehicles	01.06.2020 To 05.06.2020
		Intelligent Controllers for Renewable Energy Systems	02.06.202 To 03.06.2020
		Renewable Energy Systems	01.06.202 To 05.06.2020
		Future Advancements and Applications of Internet of Things	12.06.2020 To 14.06.2020
		Renewable Energy Systems	08.06.2020 To 12.06.2020
		Explore Electrical Engineering in Industrial Application	15.06.2020 To 19.06.2020
		Role of Automation Techniques in Electrical	15.06.2020 To 19.06.2020

		Engineering	
		Industry academic interaction: bridging the gap	10.9.2020 To 12.9.2020
		Emerging Green Technologies for Smart Cities: Challenges and Opportunities	16.06.2020 To 20.06.2020
14.	Mr.K.Thangaraj	Technological Advances in Power Switching Converters for Renewable Energy Sources and Fuel Cell Technology for e-vehicles	01.06.2020 To 05.06.2020
		EMERGING TRENDS IN MICRO/NANO SENSOR AND ACTUATORS FOR INDUSTRIAL APPLICATION	26.10.2020 To 31.10.2020
		Emerging Research areas in Engineering	05.06.2020 To 09.06.2020
		Renewable Energy System	08.06.2020 To 12.06.2020
		Internet Of Things (IOT) & its Applications in Industry – Short Term Training Program	08.06.2020 To 12.06.2020
		Applications of Finite Element Analysis (FEA) and Computational Dynamics (CFD) using ANSYS	13.06.2020 To 17.06.2020
		Role of Automation Techniques in Electrical Engineering	15.06.2020 To 19.06.2020
		Industry academic interaction: bridging the gap	10.09.2020 To 12.09.2020
		e – learning: Creating & Managing	22.06.2020 To 24.06.2020
15.	Mr.D. Durairaj	Industry academic interaction: bridging the gap	10.09.2020 To 12.09.2020
		Renewable Energy System	08.06.2020 To 12.06.2020
		Future Advancements and Applications of Internet of Things	12.06.2020 To 14.06.2020
		Principals of electrical engineering	
16.	Mr.V. Malarselvam	Embedding Research & Development in Academic Environment	01.06.2020 To 03.06.2020
		Recent Trends in Electrical Engineering	01.06.2020 To 05.06.2020
		Recent Advances In Electrical Engineering (RAEE-2020)	03.06.2020 To 07.06.2020
		Renewable Energy System	08.06.2020 To 12.06.2020
		Future Advancements and Applications of Internet of Things	12.06.2020 To 14.06.2020
		Explore Electrical Engineering in Industrial Application	15.06.2020 To 19.06.2020
		Role of Automation Techniques in Electrical Engineering	15.06.2020 To 19.06.2020
		Industry Academia Interactions: Bridging the Gap	10.09.2020 To 12.09.2020
		Design Thinking	8.11.2020 To 12.11.2020
17.	Mrs.S. Punitha	Recent Advances In Electrical Engineering (RAEE-2020)	4.03.06.2020 To 07.06.2020
		Industry Academia Interactions: Bridging the Gap	10.09.2020 To 12.09.2020
		FDP on Design of Solar PV System Using PVSYST software	9.06.2020 To 13.06.2020
		Renewable Energy systems	08.06.2020 To 12.06.2020
		Recent Trends in Electrical Engineering	01.06.2020 To 05.06.2020
		Technological Advances in Power Switching Converters for Renewable Energy Sources and Fuel Cell Technology for e-vehicles	01.06.2020 To 05.06.2020
18.	Mr.J.Muruganandham	FDP on Recent Trends in Electrical Engineering	01.06.2020 To 05.06.2020
		FDP on Renewable energy system	01.06.2020 To 05.06.2020
		FDP on Innovative teaching pedagogy in the technical institutions	01.06.2020 To 05.06.2020
		FDP on International technology Data Science Bootcamp 1.0	4.06.2020 To 7.06.2020
		FDP on Emerging Research areas in Engineering	05.06.2020 To 09.06.2020
		FDP on Recent Advances in electrical Engineering (RAEE-2020)	03.06.2020 To 07.06.2020
		Industry Academia Interactions: Bridging the Gap	10.09.2020 To 12.09.2020

		FDP on Renewable energy systems comprising of 20 eminent speakers	08.06.2020 To 12.06.2020
		workshop on PLECS	2.07.2020 To 6.07.2020
		FDP on Explore Electrical Engineering in Industrial application	15.06.2020 To 19.06.2020
		FDP on Technological Advances in power switching converters for renewable energy sources and fuel cell technology for E-Vehicles	01.06.2020 To 05.06.2020
		FDP on Role of Automation Techniques in electrical engineering	16.06.2020 To 19.06.2020
19.	Mr.K. Arun	Innovative Teaching pedagogy in the Technical Institutions	01.06.2020 To 05.06.2020
		Advances and Challenges in Industrial Automation, E-vehicles, Product and Process Controls Manufacturing in Electrical and Electronics Engineering	03.06.2020 To 07.06.2020
		Recent Trends in Power Systems	22.06.2020 To 26.06.2020
		Transforming from a Student to a professional - expectation and reality	01.06.2020
		"grid 4.0 & industry 4.0 - an overview"	4.06.2020
		Industry Academia Interactions: Bridging the Gap	10.09.2020 To 12.09.2020
20.	Mr.C.Adrien Perianayagam	Innovative Teaching pedagogy in the Technical Institutions	01.06.2020 To 05.06.2020
		Advances and Challenges in Industrial Automation, E-vehicles, Product and Process Controls Manufacturing in Electrical and Electronics Engineering	03.06.2020 To 07.06.2020
		Recent Trends in Power Systems	22.06.2020 To 26.06.2020
		Industry Academia Interactions: Bridging the Gap	10.09.2020 To 12.09.2020
21.	Mrs. T.Saranya	Industry Academia Interactions: Bridging the Gap	10.09.2020 To 12.09.2020
22.	Mr.R.Ragupathy	Renewable Energy systems	01.06.2020 To 05.06.2020
		Innovative teaching pedagogy in the technical institutions.	01.06.2020 To 05.06.2020
		Power quality and reactive power management	01.06.2020 To 05.06.2020
		Renewable Energy systems	08.06.2020 To 12.06.2020
		Industry Academia Interactions: Bridging the Gap	10.09.2020 To 12.09.2020
		Role of Automation techniques in Electrical Engineering	15.06.2020 To 19.06.2020
		Explore electrical engineering in industrial applications	15.06.2020 To 19.06.2020
23.	Mr.A.Narendran	Industry Academia Interactions: Bridging the Gap	10.09.2020 To 12.09.2020
24.	Mrs.G.Kalpana.	Advances and Challenges in Industrial Automation, E-vehicles, Product and Process Controls Manufacturing in Electrical and Electronics Engineering.	03.06.2020 To 07.06.2020.
25.	Mr. R.Rajtilak	Technological Advances in Power Switching Converters for Renewable Energy Sources and Fuel Cell Technology for e-vehicles	01.06.2020 To 05.06.2020
26.	Mr.V. Janakiraman	Industry Academia Interactions: Bridging the Gap	10.09.2020 To 12.09.2020
27.	Mrs.Y.Bosky	Technological Advances in Power Switching Converters for Renewable Energy Sources and Fuel Cell Technology for e-vehicles	01.06.2020 To 05.06.2020
28.	Mr.K.Manikanda prabhu.	Advances and Challenges in Industrial Automation, E-vehicles, Product and Process Controls Manufacturing in Electrical and Electronics Engineering.	03.06.2020 To 07.06.2020.
29.	Mr.N.Jaiganesh	Industry Academia Interactions: Bridging the Gap	10.09.2020 To 12.09.2020
30.	Ms.N.Swarnalakshmi	FDP on Design thinking	8.11.2020 To 11.11.2020
		FDP on Industry - Academia Interactions: Bridging	10.9.2020 To 12.09.2020

		the Gap	
		workshop on PLECS	2.07.2020 To 6.07.2020
		FDP on Contemporary Challenges in Electrical Engineering and Aiding Technologies	6.07.2020 To 10.07.2020
		FDP on Emerging research areas in engineering	5.06.2020 To 9.06.2020
		FDP on FUTURE RESEARCH SCOPE IN ELECTRICAL ENGINEERING	22.06.2020 To 26.06.2020.
		FDP on Design of Solar PV System Using PVSYST software	9.06.2020 To 13.06.2020
		Emerging green technologies for smart cities: challenges and opportunities	16.06.2020 To 20.06.2020
31.	Mr.U.Surendrakumaran	Recent Advance in Electrical Engineering	03.06.2020 To 07.06.2020
		Renewable Energy System	08.06.2020 To 12.06.2020
		Future Advancements and Applications of Internet of Things	12.06.2020 To 14.06.2020
32.	Mr. I.Shivasankkar	Renewable energy system	01.06.2020 To 05.06.2020
		Technological advances in power switching converters for renewable energy sources and fuel cell technology for E-vehicles	01.06.2020 To 05.06.2020
		Intelligent controllers for renewable energy systems	02.06.2020 To 03.06.2020
		Recent advances in electrical engineering	03.06.2020 To 07.06.2020
		Emerging research areas in engineering	05.06.2020 to 09.06.2020
		Renewable energy systems	08.06.2020 To 12.06.2020
		Explore electrical engineering in industrial applications	15.06.2020 To 19.06.2020
		Global Technology Forum, 2020	14.10.2020 To 18.10.2020
33.	Mr.S.Asokkumar	Emerging Green Technologies for Smart Cities: Challenges and Opportunities	16.06.2020 To 20.06.2020
34.	Ms.G.Gori Banu	Emerging Green Technologies for Smart Cities: Challenges and Opportunities	16.06.2020 To 20.06.2020
35.	Ms.K.Gowri	Industry Academia Interactions: Bridging the Gap	10.09.2020 To 12.09.2020
36.	Mr.N.Kannan	Technological Advances in Power Switching Converters for Renewable Energy Sources and Fuel Cell Technology for e-vehicles	01.06.2020 To 05.06.2020
37.	Mr.M.Arulkumar	Industry Academia Interactions: Bridging the Gap	10.09.2020 To 12.09.2020
38.	Ms.S.Uma Maheswari	Industry Academia Interactions: Bridging the Gap	10.09.2020 To 12.09.2020
39.	Ms.A.Abinaya	Technological Advances in Power Switching Converters for Renewable Energy Sources and Fuel Cell Technology for e-vehicles	01.06.2020 To 05.06.2020
40.	Ms.G.Konamma	Technological Advances in Power Switching Converters for Renewable Energy Sources and Fuel Cell Technology for e-vehicles	01.06.2020 To 05.06.2020
41.	Ms.B.Mahalakshmi	Technological Advances in Power Switching Converters for Renewable Energy Sources and Fuel Cell Technology for e-vehicles	01.06.2020 To 05.06.2020
42.	Mr.R.Nakkeeran	Technological Advances in Power Switching Converters for Renewable Energy Sources and Fuel Cell Technology for e-vehicles	01.06.2020 To 05.06.2020

Declaration by HoD

I am aware that the above information provided by the department will be validated by the Academic and Administrative Audit (AAA) committee during the visit

Head of the Department

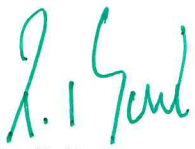
P. Jamuna

Recommendations:

Section	Remarks
Curricular Aspects	-
Teaching, Learning and Evaluation	-
Structured Feedback	-
Research, Innovation and Publications	Faculty members can also be involved in Books / Books chapters publications.
Collaborations and Linkages	-
Student Progression	-
Activity Conducted / Organized by the Department	-
Achievements	Faculty participation in various activities as a Members of Committees at University Level / State Level / National Level / International Level bodies has to be increased.
General Remarks	-

Signature of the External Academic Audit Experts

Dr.M.Karthikeyan
Professor
Department of Mechanical Engineering
RajaRajeswari college of Engineering,
Mysore Road
Bangalore 560074



Dr. R.Baskaran
Professor
Department of Industrial Engineering
College of Engineering Guindy Anna University
Chennai

ACADEMIC AND ADMINISTRATIVE AUDIT

DEPARTMENT OF

ELECTRONICS AND COMMUNICATION ENGINEERING

ACADEMIC AND ADMINISTRATIVE AUDIT

(Academic Year: 2020-2021)

External Audit

SECTION –1 : BASIC INFORMATION

Audit Date	18-11-2021	
Name of the Department	Electronics and Communication Engineering	
Year of Establishment	1999	
Programs Offered	Name of the Program: BTech –Electronics and Communication Engineering — Approved Intake: 240 Name of the Program: MTech- Electronics and Communication Engineering — Approved Intake: 24 Name of the Program: MTech-VLSI &ES — Approved Intake: 24	
Head of the Department	Dr.P.Raja	
Number of full time Teachers	Professor	06
	Associate Professor	08
	Assistant Professor	42
Number of Technical Staff		
Number of Students	For B.Tech: Year 1 – 206; Year 2 – 212; Year 3 – 172; Year 4 – 205; Total – 795	For M.Tech: First Year – 8; Second Year – 6; Total – 14
Faculty Student Ratio	1:14	

SECTION –2 :CURRICULAR ASPECTS

2.1 Academic Plan

S.No	Particular	Available (Yes / No)	Remarks
1	Department Academic Calendar	Yes	Nil
2	Faculty Subject Preferences	Yes	Nil
3	Elective choices from the Students	Yes	Nil
4	Course allotment to the Faculty	Yes	Nil
5	Time Table (UG and PG)	Yes	Nil
6	Lesson plan for each Course	Yes	Nil

2.2 Participation of the Faculty in the Curriculum development for courses offered in UG and PG programs

S.No	Name of the Faculty	Participated as	Course	Year / Sem
1	Dr.P.Raja	Syllabus Setter	➢ Linear integrated circuits, ➢ Linear integrated circuits Laboratory ➢ Digital VLSI System Design ➢ VLSI design Laboratory	III/V III/VI
2	Dr.R. Ramya	Syllabus Setter	➢ Digital signal processing , ➢ Digital signal processing Lab ➢ Industry 4.O Technology	III/V III/VI
3	Dr.R. Kurunjimalar	Syllabus Setter	➢ Microcontroller, Microcontroller Laboratory ➢ Wireless Communication	III/V III/VI
5	Dr.J.Pradeep	Syllabus Setter	➢ Information Theory and Coding ➢ Vehicular Communication	Professional Elective III/V

2.3 List of Professional Elective Courses offered by the department

S.No	Year / Sem	Name of the Elective Course	Course Code	Number of Students Registered
ODD 2020-21				
1	III/V	Consumer Electronics	EC E02	172
2	IV/VIII	Cryptography and Network Security	EC E14	206
3	IV/ VIII	Spread Spectrum Communication	EC E15	206
EVEN 2020-21				
1	II/IV	Computer Networks	U19ECE41	59
2	II/IV	Sensors for Industrial Applications	U19ECE42	60
3	II/IV	Computer Architecture	U19ECE43	35
4	II/IV	PLC and SCADA Systems and its Applications	U19ECE44	58
5	III/VI	VLSI Design	EC E06	172
6	IV/VIII	Satellite Communication Systems	EC E16	206
7	IV/VIII	Cellular Mobile Communication	EC E20	206

2.4 List of Open Elective Courses offered by Other department :

S.No	Year / Sem	Offering Department	Name of the Elective Course	Course Code	Number of Students Registered
1	II/IV	IT	Database System: Design & Development	U19ITO41	32
2	II/IV	IT	R programming	U19ITO42	32

3	II/IV	CSE	Web Development	U19CSO41	60
4	II/IV	CSE	Programming in JAVA	U19CSO43	58
5	II/IV	CCE	Basic DBMS	U19CCO41	30

2.5 List of Skill Development Courses offered by the department

S.No	Year / Sem	Name of the Skill Development Course	Course Code	Number of Students Registered
1	II / III	Introduction to Iot and Arduino	-	212
2	II / III	Introduction to Deep Learning	-	212
3	III / V	Block chain and bit coin fundamentals	-	172
4	IV /VII	Aptitude training program	-	71
5	IV/VII	Architecting Hybrid Cloud Infrastructure with Anthos	-	68
6	IV/VII	Architecting with Google Kubernetes Engine	-	71
7	IV/VII	Become Pro Frontend Web Developer - CSS - Basics to Advanced	-	67
8	II / IV	Bootstrap 5 Course: The Complete Guide (Step by Step)	-	71
9	II / III	C course	-	70
10	II / III	C Programming and Assembly Language	-	71
11	II / IV	C++ course	-	71
12	III /V	Cloud Architecture with Google Cloud	-	57
13	III / V	Cloud computing workshop	-	59
14	III /V	Cloud Engineering with Google Cloud	-	57
15	III / VI	Deep learning onramp	-	56
16	IV/ VII	Developing APIs with Google Cloud's Apigee API Platform	-	68
17	IV/ VII	Developing Applications with Google Cloud Platform	-	67
18	II / IV	G Suite Administration	-	71
19	II / IV	Machine Learning	-	70
20	II / IV	Machine Learning with Tensor Flow on Google Cloud Platform	-	71
21	III /VI	Networking in Google Cloud	-	57
22	III /V	Python course	-	59
23	IV/ VII	SAS Visual Business Analytics	-	68
24	IV/ VII	Security in Google Cloud Platform	-	67

25	II/ III	Statistics for data analysis	-	212
26	III /VI	Step by Step Guide for Javascript - Basics to Advanced	-	57
27	III /VI	The Complete HTML5 Course: From Beginning to Expert	-	56
28	III /VI	Video Background Transparent Login Form- HTML CSS & BOOTSTRAP	-	59
29	II /IV	Time management	-	212
30	IV/ VII	Job Seekers Guide to Resume Writing and Interview Skills	-	206

2.6 List of Certification Courses offered by the department

S.No	Year / Sem	Name of the Certification Course	Course Code	Number of Students Registered
1	III/VI	Algorithm Toolbox	-	10
2	III/VI	An introduction to artificial intelligence	-	18
3	II /IV	Analog circuits	-	17
4	III/VI	Analyzing Data with Python	-	14
5	II /IV	Animations	-	10
6	IV /VII	AWS Fundamentals	-	19
7	IV /VII	AWS Fundamentals - Going Cloud Native	-	15
8	II /III	Basic Electronics	-	12
9	II /III	Begin Robotics	-	17
10	IV /VII	Beginner PHP and MySQL Tutorial	-	13
11	III /V	Build Your First Website in 1 Week with HTML5 and CSS3	-	19
12	II /IV	Building a Future with Robots	-	13
13	III /V	Building Arduino robots and devices	-	14
14	III /VI	Computer Vision in Microsoft Azure	-	17
15	III /VI	Computing in Python I: Fundamentals and Procedural Programming	-	15
16	IV /VII	Computing in Python II: Control Structures	-	11
17	II /IV	Computing in Python III: Data Structures	-	14
18	II /IV	Computing in Python IV: Objects & Algorithms	-	15
19	II /IV	Crash course on python	-	12
20	III /VI	CSS Basics	-	10
21	IV /VII	Cyber security	-	15
22	III /VI	Cyber Security Basics: A Hands-on Approach	-	10
23	IV /VII	Career Edge -Knockdown the Lockdown		18
24	IV /VII	Data Engineering with Google Cloud	-	14
25	III /VI	Data Engineering, Big Data, and Machine Learning on GCP	-	15
26	II /IV	Data Science: R Basics	-	12
27	II /III	Data Structure and algorithms using Java	-	17
28	II /IV	Digital Circuits	-	13
29	II /IV	Digital Electronic circuit	-	15
30	II /IV	Digital Electronics	-	13
31	II /IV	Digital Systems: From Logic Gates to Processors	-	15
32	IV /VII	Django for everyone specialization	-	15

33	IV /VII	Drones for Agriculture: Prepare and Design Your Drone (UAV) Mission	-	17
34	IV /VII	e-Learning course on Innovative Business Models for Expanding Fiber-Optic Networks and Closing the Access Gaps	-	16
35	III /VI	Embedding Sensors and Motors	-	15
36	IV /VII	Fabrication Techniques for MEMs-based sensors : clinical perspective	-	18
37	IV /VII	Full stack web development with React	-	19
38	II /III	Fundamentals of Audio and Music Engineering: Part 1 Musical Sound & Electronics	-	13
39	III /VI	German - I	-	10
40	IV /VII	Getting Started with Data Analytics on AWS	-	14
41	III /VI	Git: Become an Expert in Git & GitHub	-	11
42	IV /VII	Google IT automation with python	-	17
43	IV /VII	Google IT support	-	16
44	III /VI	Hardware modeling using verilog	-	17
45	III /V	How google does Machine learning	-	15
46	IV /VII	HTML and CSS for Beginners - Build a Website & Launch ONLINE	-	15
47	IV /VII	HTML,CSS,JS for web developers	-	10
48	IV /VII	HTML5 and CSS Fundamentals	-	15
49	III /V	IBM Python Basics for data science	-	15
50	III /V	Introducing Robotics: Build a Robot Arm	-	14
51	IV /VII	Introduction to Artificial Intelligence	-	15
52	III /V	Introduction to Big Data	-	18
53	II /III	Introduction to C Programming and Unity	-	13
54	II /IV	Introduction to Cloud Computing	-	15
55	II /III	Introduction to Electronics	-	15
56	III /VI	Introduction to Embedded System Design	-	17
57	II /III	Introduction to internet of things	-	15
58	III /V	Introduction to Internet of Things and Embedded Systems	-	13
59	IV /VII	Introduction to Java Programming: Fundamental Data Structures and Algorithms	-	15
60	III /VI	Introduction to Operating Systems	-	25
61	III /VI	Introduction to Programming with MATLAB	-	12
62	IV /VII	Introduction to Radio Network Optimization	-	26
63	IV /VII	Introduction to Satellite Communications	-	17
64	IV /VII	Introduction to virtual reality	-	14
65	IV /VII	Introduction to web development	-	18
66	IV /VII	Introduction to XR: VR, AR, and MR Foundations	-	25
67	IV /VII	IoT (Internet of Things) Wireless & Cloud Computing Emerging Technologies	-	15
68	IV /VII	Learn Android Application Development	-	14
69	II /IV	Linear Circuits 1: DC Analysis	-	12
70	II /IV	Linear Circuits 2: AC Analysis	-	14
71	II /IV	Machine Learning	-	15
72	II /IV	MATLAB and Octave for Beginners	-	23
73	III /V	Microprocessor and Microcontroller	-	11
74	II /IV	Microsoft Azure Machine Learning	-	17
75	II /IV	Modern Digital Communication Techniques	-	13

76	IV /VII	Nanomaterials	-	12
77	II /III	Object-Oriented Programming	-	14
78	II /IV	PHP	-	16
79	II /III	Pointers, Arrays, and Recursion	-	15
80	III /V	Principle of digital communication	-	13
81	II /IV	Principles of Signals and Systems	-	20
82	II /III	Problem Solving Through C	-	22
83	II /III	Programming for Everybody (Getting Started with Python)	-	15
84	III /V	Programming in Java	-	11
85	III /V	Programming, data Structures amd algorithms using Python	-	15
86	II /III	Python	-	18
87	II /III	Python data structures and algorithms	-	15
88	IV /VII	Python for Data Science	-	15
89	II /III	Python to everybody	-	11
90	III /V	Python3 programming specialization	-	16
91	IV /VII	RF and millimeter-Wave Circuit Design	-	18
92	IV /VII	Robotic Vision: Image Processing	-	15
93	IV /VII	Robotic Vision: Principles of Vision	-	14
94	II /III	Robotics	-	17
95	III /VI	Scripting with Python	-	15
96	II /III	Semiconductor Devices and Circuits	-	2
97	IV /VII	Sensors and Sensor Circuit Design	-	12
98	II /IV	Signals, Systems, and Learning	-	14
99	IV /VII	Structural Analysis of Nanomaterials	-	19
100	III / V	Satellite Photogrammetry and its Application	-	18
101	IV /VII	Technical Report Writing for Engineers	-	25
102	IV /VII	Video Background Transparent Login Form-HTML CSS & BOOTSTRAP	-	13
103	IV /VII	Web development	-	11
104	IV /VII	Work with augmented reality (AR) and the web	-	16

2.7 List of Mandatory Courses offered by the department

S.No	Year / Sem	Name of the Mandatory Course	Course Code	Number of Students Registered
1	I / I	Induction Program	U20ECM101	206
2	I / II	Environmental Science	U20ECM202	206
3	II / III	Physical Education	U19ECM31	212
4	II / IV	Indian Constitution	U19ECM41	212

SECTION –3: TEACHING, LEARNING AND EVALUATION

3.1 Course Delivery

2020-21

Semester : I

S.No	Name of the Course / Code	Section	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Engineering Mathematics – I (Calculus and Linear Algebra)/ U20BST101	A	Mr.K.Ganesan	60	68	68
		B	Mr.K.Ganesan		68	65
		C	Mr.K.Ganesan		68	66
2	Semiconductor Opto – Electronics / U20BST104	A	Mrs.S.Geetha	45	48	48
		B	Mr.K.Oudayakumar		47	44
		C	Dr. T.Jayavarthanan		46	43
3	Programming in C/ U20EST101	A	Mrs. T.Sivaranjani	45	49	49
		B	Mrs.V.Gomathi		48	45
		C	Mrs.V.Gomathi		48	46
4	Fundamentals of Civil and Mechanical Engineering/ U20EST103	A	Mrs.D.Sathiyasree(FCE)/Mr.SJagan (FME)	45	47	47
		B	Mrs.D.Sathiyasree(FCE) /Mr.S.Jagan (FME)		48	45
		C	Mr.S.Azhagarsamy(FCE) /Dr.L.Saravanan (FME)		46	46
5	Electric Circuits/ U20EST104	A	Mrs.M.Julie Therese	60	66	66
		B	Mr.S.Ganesan		64	64
		C	Mr.Kalaiyarasan		65	64
6	Programming in C Laboratory / U20ESP102	A	Mrs. T.Sivaranjani	30	36	36
		B	Mrs.V.Gomathi		36	36
		C	Mrs. V.Gomathi		36	36
7	Electric Circuits Laboratory / U20ESP105	A	Mrs.M.Julie Therese	30	36	36
		B	Mr.S.Ganesan		36	36
		C	Mr.Kalaiyarasan		36	36
8	Engineering Graphics using AutoCAD / U20ESP112	A	Mr.L.Martin	30	33	33
		B	Mr.S.Jagan		33	33
		C	Mr.L.Saravanan		33	33
9	Certification Course - I** /U20ECC1XX	A	Mrs.M.Julie Therese	50	50	50
		B	Mr.S.Ganesan		50	50
		C	Mr.Kalaiyarasan		50	50
10	Skill Development Course1 : Demonstration of Workshop Practices / U20ECS101	A	Mrs.M.Julie Therese	30	30	30
		B	Mr.S.Ganesan		30	30
		C	Mr.Kalaiyarasan		30	30
11	Induction Program/ U20ECM101	A	Mrs.M.Julie Therese	30	30	30
		B	Mr.S.Ganesan		30	30
		C	Mr.Kalaiyarasan		30	30

Semester :III

S.No	Name of the Course / Code	Section	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Numerical Methods and Optimization / U19ECT31	A	Mr.M.Egalite Francis	60	68	68
		B	Dr.G.Suresh		67	66
		C	Mr. M. Egalite Francis		66	66
2	Data Structures/ U19ECT32	A	Mr.D.Rajesh	45	49	49
		B	Mr. Arokiaraj		44	43
		C	Mr. D. Rajesh		49	47
3	Electron Devices / U19ECT33	A	Mr.R.Imtiaz	45	48	48
		B	Mr. S. Rajaparthiban		47	46
		C	Mrs. B. Dheepa		48	46
4	Electrical Engineering / U19ECT34	A	Mr.J.Muruganandham	45	47	47
		B	Mr.K.Arun		48	46
		C	Mr.I.Shivasankkar		47	46
5	Circuits and Networks/ U19ECT35	A	Ms. V. Mohana	60	66	66
		B	Ms. S. Jayanthi		65	63
		C	Dr.P. Raja		65	64
6	Electromagnetic Field Theory / U19ECT36	A	Mr. K. Vinoth	45	49	49
		B	Dr.D.Jagadiswary		48	46
		C	Mr. S. Ganesan		47	47
7	Data Structures Laboratory/ U19ECP31	A	Mr.D.Rajesh	30	36	36
		B	Mr. Arokiaraj		36	36
		C	Mr. D. Rajesh		36	36
8	Electrical Engineering Laboratory / U19ECP32	A	Mr.J.Muruganandham	30	36	36
		B	Mr.K.Arun		36	36
		C	Mr.I.Shivasankkar		36	36
9	Electron Devices Laboratory / U19ECP33	A	Dr.B.Shanmugham	30	36	36
		B	Dr.A.Jayachitra		36	36
		C	Dr.S.Prem Kumar		36	36
10	Certification Course -I** / U19ECC3X	A	Dr.B.Shanmugham	50	50	50
		B	Dr.A.Jayachitra		50	50
		C	Dr.S.Prem Kumar		50	50
11	Skill Development Course 1: General Proficiency –I/ U19ECS31	A	Mrs.G.Namitha	30	30	30
		B	Mrs.G.Namitha		30	30
		C	Mrs.G.Namitha		30	30
12	Skill Development Course 2* Demonstration of Electronic Equipments /U19ECS32	A	Dr.B.Shanmugham	30	30	30
		B	Dr.A.Jayachitra		30	30
		C	Dr.S.Prem Kumar		30	30
13	Physical Education/ U19ECM31	A	Dr.B.Shanmugham	30	30	30
		B	Dr.A.Jayachitra		30	30
		C	Dr.S.Prem Kumar		30	30

Semester : V

S.No	Name of the Course / Code	Section	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Probability and Random Processes / MA T51	A	Dr.G.Suresh	60	68	68
		B	Mr.Eligalite Francis		67	65
		C	Mr.Eligalite Francis		68	66
2	Data Communication Networks / EC T52	A	Mr.P.Arunagiri	60	64	64
		B	Dr. S. B. Lenin		65	63
		C	Ms.E. Priyanga		63	63
3	Microprocessors and Microcontrollers / EC T53	A	Mr. Imtiaz	60	65	65
		B	Ms. J. Sindhukavi		66	64
		C	Ms. S. Ramya		65	63
4	System Design using Integrated Circuits/ EC T54	A	Ms. S. Meena	60	64	64
		B	Mr. J. Soundararajan		63	61
		C	Mr.C. Sridhar		64	63
5	Transmission Lines and Waveguides / EC T55	A	Ms. Sindhuja	60	66	66
		B	Dr. V. Bharathi		63	62
		C	Ms. S. Sangeetha		64	63
6	Elective-I(Consumer Electronics) / EC E02	A	Mrs. V. Logisvary	60	63	63
		B	Mr.V. M. Navaneedhakrishnan		64	63
		C	Ms. R. Soundarya		65	65
7	Microprocessor and Microcontroller Laboratory/ EC P51	A	Ms. Imtiaz	30	36	36
		B	Ms. Sindhukavi		36	36
		C	Mr. Gunaseelan		36	36
8	System Design using Integrated Circuits Laboratory/ EC P52	A	Ms. Meena	30	36	36
		B	Mr. J. Soundararajan		36	36
		C	Mr.C. Sridhar		36	36
9	Networks and Transmission Lines Laboratory/ EC P53	A	Mrs. M. Ramani	30	36	36
		B	Ms. Pushpa		36	36
		C	Ms. Imtiaz		36	36
10	General Proficiency–I/ HS P54	A	Mrs.G.Namitha	30	33	33
		B	Mrs.G.Namitha		33	33
		C	Mrs.G.Namitha		33	33

Semester : VII

S.No	Name of the Course / Code	Section	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Microwave and Optical Engineering / EC T71	A	Ms. Hema	60	64	64
		B	Ms. R. Hemagayatri		65	63
		C	Mrs. R. Gayathri		64	64
2	Embedded Systems/ EC T72	A	Mr. K. Uthayasuriyan	60	63	63
		B	Ms. Thendral		65	64
		C	Ms. S. Dhivya		64	63
3	Elective-III (Cryptography and Network Security)/ EC E14	A	Ms. S. Geerthana	60	63	63
		B	Mr. K. Vijayakumar		64	63
		C	Mr. R. Kalaiyarasan		65	64

4	Elective-IV (Spread Spectrum Communication) / EC E15	A	Mrs. M. Julie Therese	60	63	63
		B	Mr. S. Pushparaj		64	63
		C	Ms. Srinandhini		65	64
5	Communication Laboratory-III/ EC P71	A	Ms. Anusuya	30	36	36
		B	Ms. Srividhya		36	36
		C	Ms. Hema		36	36
6	Embedded Systems Laboratory/ EC P72	A	Mr. K. Uthayasuriyan	30	36	36
		B	Ms. Thendral		36	36
		C	Ms. Sindhu		36	36
7	Seminar/ EC P73	A	Mr.M.Harikrishnan	30	33	33
		B	Ms.C.Janani		33	33
		C	Mrs.M.Ramani		33	33
8	Project Work-I/ ECPW7	A	Mr.P.Arunagiri	30	36	36
		B	Dr.R.Kurinjimalar		36	36
		C	Dr.J.Pradeep		36	36

Semester : I (M.TECH – ECE)

S. No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Advanced Engineering Mathematics/ P20BST101	Mr.M.Egalite Francis	60	66	66
2	Advanced Digital Communication / P20ECT101	Dr.A.Jayachitra	45	48	48
3	Embedded System Design / P20ECT102	Mrs.M.Ramani	45	47	47
4	Machine Learning in Computer Networks/ P20ECT103	Dr. R. Ramya	45	48	48
5	Research Methodology and IPR / P20CCT101	Mr. P. Arunagiri	30	33	33
6	Wireless Sensor Networks / P20ECE101	Ms. C. Janani	45	48	48
7	Wireless and Mobile Communication Lab/ P20ECP101	Mr.J.Soundararajan	30	36	36
8	Technical Seminar & Report Writing/ P20CCP101	Dr.S. Premkumar	45	48	48

Semester : I (M.TECH – VLSI & ES)

S. No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Applied Mathematics/ P20BST106	Dr.G.Suresh	60	66	66
2	Digital System Design using VHDL/ P20VET101	Dr.V.Bharathi	45	48	48
3	VLSI Design Techniques / P20VET102	Dr.S. B. Lenin	45	49	49
4	FPGA Based System Design / P20VET103	Mr.S.Pushparaj	45	48	48
5	Research Methodology and IPR / P20CCT101	Ms. Pushpa	30	33	33

6	Embedded Technology / P20VEE101	Mrs.V. Logisvary	45	48	48
7	VLSI Design Laboratory / P20VEP101	Mr.C. Sridhar	45	48	48
8	Technical Seminar & Report Writing/ P20CCP101	Mr. Pradeep	45	48	48

Semester : III (M.TECH – VLSI & ES)

S. No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Advanced Embedded System / VEENG 630	Mr.K.Uthayasuriyan	45	48	48
2	System-on-Chip Design / VEENG 640	Mr.K.Vijayakumar	45	49	49
3	VLSI for Wireless Communication / VEENG 641	Mrs.M.Julietherese	45	47	47
4	Internship/Seminar/Workshop/Conference/FDP/Short Term Course/ NPTEL/ GIAN/ MOOC Course / VEENG 610	Dr.V.Bharathi	30	30	30
5	NPTEL/ GIAN/ MOOC Course / VEENG 611	Dr.V.Bharathi	30	30	30
6	Project – Literature Survey / VEENG 612	Dr.V.Bharathi	30	36	36

Semester : III (M.TECH – ECE)

S. No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Advanced Technologies in Wireless Networks/ ECENG 630	Dr.R.Kurinjimalar	45	48	48
2	Cognitive Radio Technology / ECENG 632	Mr.M.Harikrishnan	45	49	49
3	Multicarrier Wireless Communication/ ECENG 639	Dr.J.Pradeep	45	47	47
4	Internship/Seminar/Workshop/Conference/FDP/Short Term Course/ NPTEL/ GIAN/ MOOC Course / ECENG 610	Dr.R.Ramya	30	30	30
5	NPTEL/ GIAN/ MOOC Course / ECENG 611	Dr.R.Ramya	30	30	30
6	Project – Literature Survey / ECENG 612	Dr.R.Ramya	30	36	36

Even Semester for the Academic year 2020-2021

Semester : IV

S.No	Name of the Course / Code	Section	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Signals and Systems/ U19ECT41	A	Mrs.S.Meena	60	66	65
		B	Mrs.V.Logisvary		67	67
		C	Mrs.S.Meena		64	63
2	Analog Electronic Circuits / U19ECT42	A	Mr. P.Maendra Peruman	45	48	47
		B	Mr.M. Harikrishnan		47	46
		C	Mr.M.Rajaparthiban		48	46
3	Digital Electronic Circuits / U19ECT43	A	Ms. S. Geerthana	45	48	47
		B	Ms.R.Hema		47	46
		C	Mr.K.Vijayakumar		48	46
4	Communication Systems/ U19ECT44	A	Mr. V. M. Navaneethakrishnan	45	48	48
		B	Dr. A. Vijayalakhsmi		49	47
		C	Mrs. S. Kalaimani		48	46
5	Professional Elective – I: Computer Networks/ U19ECE41	A,B,C	Ms.A.Krishnalakshmi	45	48	47
	Sensors for Industrial Applications / U19ECE42	A,B,C	Dr.J.Pradeep		49	46
	Computer Architecture/ U19ECE43	A,B,C	Mr.V.Soubbaya		48	48
	PLC and SCADA systems and its Applications/ U19ECE44	A,B,C	Mr.J.Soundararajan		47	46
6	Open Elective – I Basic DBMS/ U19CCO41	A,B,C	Mr.D.Rajesh	45	49	49
	Web Development/ U19CSO41	A,B,C	Mr.Arokiaraj st.Hubert		48	46
	Programming in Java/ U19CSO43	A,B,C	Mrs.E.Poonguzhali		48	47
	R Programming/ U19ITO42	A,B,C	Mrs.T.Sivaranjani		49	46
7	Analog Electronic Circuits Laboratory / U19ECP41	A	Mr. P. Mahendra Peruman	30	36	36
		B	Mr.M. Harikrishnan		36	36
		C	Mr.M.Rajaparthiban		36	36
8	Digital Electronic Circuits Laboratory / U19ECP42	A	Ms.C.Janani	30	36	36
		B	Ms.R.Hema		36	36
		C	Mr.K.Vijayakumar		36	36
9	Communication Systems Laboratory / U19ECP43	A	Mr. V. M. Navaneedhakrishnan	30	36	36
		B	Dr. A. Vijayalakhsmi		36	36
		C	Mrs. S. Kalaimani		36	36
10	Certification Course-II: CCNA/ U19ECCX5	A,B,C	Dr.B.Shanmugam	50	50	50
	Embedded System Design using Arduino/ U19ECCX7	A,B,C	Dr.S.Premkumar		50	50
	Internet of things/ U19ECCX9	A,B,C	Dr.A.Jayachitra		50	50

11	Skill Development Course 3 : General Proficiency-II/ U19ECS41	A	Dr.D.Jayachitra	30	30	30
		B	Dr.D.Jayachitra		30	30
		C	Dr.D.Jayachitra		30	30
12	Skill Development Course 4 : Repair and Maintenance of Electronic Equipment/ U19ECS42	A	Mr.M.Rajaparthiban	30	30	30
		B	Mr.M.Rajaparthiban		30	30
		C	Mr.M.Rajaparthiban		30	30
13	Indian Constitution/ U19ECM41	A	Dr.B.Shanmugam	30	30	30
		B	Dr.S.Premkumar		30	30
		C	Dr.A.Jayachitra		30	30

Semester : VI

S.No	Name of the Course / Code	Section	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Digital Communication/EC T61	A	Ms.G.Thamizh Amizhdhu	60	65	64
		B	Mr.R.Ilayaraja		64	64
		C	Mrs.S.Jayanthi		66	65
2	Wireless Communication/EC T62	A	Mr.K.Uthayasuriyan	60	63	63
		B	Mrs.A.Thendral		65	64
		C	Ms.N.Sasikala		63	62
3	Digital Signal Processing/EC T63	A	Ms. V. Mohana	60	65	64
		B	Ms.S. Dhivya		66	65
		C	Mr.R.Imtiaz		66	66
4	Antennas and Wave Propagation /EC T64	A	Dr. V. Bharathi	60	65	64
		B	Mrs. Krishnalakshmi		64	64
		C	Dr.S.Premkumar		66	65
5	Elective-II (VLSI Design)/ EC E06	A	Ms.S. Jayaprahba	60	64	64
		B	Mr.C.Sridhar		66	65
		C	Dr. B. Shanmugham		65	64
6	Communication Laboratory-II/ EC P61	A	Ms.G.Thamizh Amizhdhu	30	36	36
		B	Mr.R.Ilayaraja		36	36
		C	Mrs.S.Jayanthi		36	36
7	Computer Networks Laboratory / EC P62	A	Mr.K.Uthayasuriyan	30	36	36
		B	Mrs.A.Thendral		36	36
		C	Ms.N.Sasikala		36	36
8	Digital Signal Processing Laboratory / EC P63	A	Ms.V. Mohana	30	36	36
		B	Ms.S.Dhivya		36	36
		C	Mr.R.Imtiaz		36	36
9	General Proficiency–II/ HS P64	A	Mrs.G.Namitha	30	33	33
		B	Mrs.G.Namitha		33	33
		C	Mrs.G.Namitha		33	33

Semester : VIII

S.No	Name of the Course / Code	Section	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Professional Ethics/ EC T81	A	Mr.R. Pradeep	30	33	33
		B	Dr. A. Sivagami		33	33
		C	Dr. P. Raja		33	33
2	Industrial Management and Engineering Economics/ EC T82	A	Mr.R.Anbarasan	60	65	64
		B	Mr.R.Anbarasan		64	64
		C	Mr.R.Anbarasan		66	65
3	Elective-V (Satellite Communication Systems)/ EC E16	A	Ms. S. Sangeetha	60	65	65
		B	Mrs. R.Gayathri		67	65
		C	Ms.E.Priyanga		66	66
4	Elective-VI/ (Cellular Mobile Communication)/ EC E20	A	Ms. S. Geerthana	60	64	64
		B	Ms.J.Sindhukavi		66	65
		C	Ms. R. Soundharya		65	64
5	Advanced Communication Laboratory/ EC P81	A	Ms. S. Sangeetha	30	36	36
		B	Ms.J.Sindhukavi		36	36
		C	Dr. S. B. Lenin		36	36
6	Comprehensive Viva/ EC P82	A	Mr. P. Arunagiri	30	33	33
		B	Mr. S. Pushaparaj		33	33
		C	Ms.R. Gayathri		33	33
7	Project Work-II/ EC PW8	A	Dr.J. PradeepS	60	66	66
		B	Dr.R. Kurunjimalar		66	66
		C	Dr.J. Pradeep		66	66

Semester : IV (M.TECH – ECE)

S. No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Project and Viva Voce/ ECENG 620	Dr.R.Ramya	60	66	66

Semester : IV (M.TECH – VLSI & ES)

S. No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Project and Viva Voce/ VEENG 620	Dr.V.Bharathi	60	66	66

3.2 Use of ICT Tools in Teaching Learning

ODD Semester for the Academic year 2020-2021

Semester: I

S.No	Section	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	A	Mr.K.Ganesan	Engineering Mathematics – I (Calculus and Linear Algebra)/ U20BST101	Digital Board
	B	Mr.K.Ganesan		
	C	Mr.K.Ganesan		
2	A	Mrs.S.Geetha	Semiconductor Opto – Electronics / U20BST104	Power Point Presentation
	B	Mr.K.Oudayakumar		
	C	Dr. T.Jayavarthanan		
3	A	Mrs. T.Sivaranjani	Programming in C/ U20EST101	Power Point Presentation
	B	Mrs.V.Gomathi		
	C	Mrs.V.Gomathi		
4	A	Mrs.D.Sathiyasree(FCE)/Mr.S.Jagan (FME)	Fundamentals of Civil and Mechanical Engineering/ U20EST103	Power Point Presentation
	B	Mrs.D.Sathiyasree(FCE) /Mr.S.Jagan (FME)		
	C	Mr.S.Azhagarsamy(FCE) /Dr.L.Saravanan (FME)		
5	A	Mrs.M.Julie Therese	Electric Circuits/ U20EST104	Digital Board
	B	Mr.S.Ganesan		
	C	Mr.Kalaiyarasan		
6	A	Mrs. T.Sivaranjani	Programming in C Laboratory/ U20ESP102	Video Lecture
	B	Mrs.V.Gomathi		
	C	Mrs. V.Gomathi		
7	A	Mrs.M.Julie Therese	Electric Circuits Laboratory/ U20ESP105	Video Lecture
	B	Mr.S.Ganesan		
	C	Mr.Kalaiyarasan		
8	A	Mr.L.Martin	Engineering Graphics using AutoCAD / U20ESP112	Video Lecture
	B	Mr.S.Jagan		
	C	Mr.L.Saravanan		
9	A	Mrs.M.Julie Therese	Certification Course - I** / U20ECC1XX	Power Point Presentation
	B	Mr.S.Ganesan		
	C	Mr.Kalaiyarasan		
10	A	Mrs.M.Julie Therese	SkillDevelopmentCourse1 : Demonstration of Workshop Practices / U20ECS101	Power Point Presentation
	B	Mr.S.Ganesan		
	C	Mr.Kalaiyarasan		
11	A	Mrs.M.Julie Therese	Induction Program/ U20ECM101	Power Point Presentation
	B	Mr.S.Ganesan		
	C	Mr.Kalaiyarasan		

Semester: III

S.No	Section	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	A	Mr.M.Egalite Francis	Numerical Methods and Optimization / U19ECT31	Digital Board
	B	Dr.G.Suresh		
	C	Mr. M. Egalite Francis		
2	A	Mr.D.Rajesh	Data Structures/ U19ECT32	Power Point Presentation
	B	Mr. Arokiaraj		
	C	Mr. D. Rajesh		
3	A	Dr.B.Shanmugham	Electron Devices/ U19ECT33	Power Point Presentation
	B	Dr.A.Jayachitra		
	C	Dr.S.Prem Kumar		
4	A	Mr.J.Muruganandham	Electrical Engineering/ U19ECT34	Power Point Presentation
	B	Mr.K.Arun		
	C	Mr.I.Shivasankkar		

5	A	Mrs.S.Jayanthi	Circuits and Networks/ U19ECT35	Digital Board
	B	M. Sivanthiram		
	C	Dr.R.Ramya		
6	A	Dr.R.Kurinjimalar	Electromagnetic Field Theory/ U19ECT36	Digital Board
	B	Dr.D.Jagadiswary		
	C	Dr.B.Shanmugham		
7	A	Mr.D.Rajesh	Data Structures Laboratory/ U19ECP31	Video Lecture
	B	Mr. Arokiaraj		
	C	Mr. D. Rajesh		
8	A	Mr.J.Muruganandham	Electrical Engineering Laboratory / U19ECP32	Video Lecture
	B	Mr.K.Arun		
	C	Mr.I.Shivasankkar		
9	A	Dr.B.Shanmugham	Electron Devices Laboratory/ U19ECP33	Virtual Lab
	B	Dr.A.Jayachitra		
	C	Dr.S.Prem Kumar		
10	A	Dr.B.Shanmugham	Certification Course -I** / U19ECC3X	Power Point Presentation
	B	Dr.A.Jayachitra		
	C	Dr.S.Prem Kumar		
11	A	Mrs.G.Namitha	Skill Development Course 1: General Proficiency –I/ U19ECS31	Power Point Presentation
	B	Mrs.G.Namitha		
	C	Mrs.G.Namitha		
12	A	Dr.B.Shanmugham	Skill Development Course 2*/ Demonstration of Electronic Equipments/ U19ECS32	Power Point Presentation
	B	Dr.A.Jayachitra		
	C	Dr.S.Prem Kumar		
13	A	Dr.B.Shanmugham	Physical Education/ U19ECM31	Power Point Presentation
	B	Dr.A.Jayachitra		
	C	Dr.S.Prem Kumar		

Semester: V

S.No	Section	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	A	Dr.G.Suresh	Probability and Random Processes/ MA T51	Digital Board
	B	Mr.Eligalite Francis		
	C	Dr.G.Suresh		
2	A	Dr. S. B. Lenin	Data Communication Networks/ EC T52	Power Point Presentation
	B	Mr.P.Arunagiri		
	C	Ms. Priyanga		
3	A	Ms. Imtiaz	Microprocessors and Microcontrollers / EC T53	Power Point Presentation
	B	Ms. Sindhukavi		
	C	Mr. Gunaseelan		
4	A	Ms. Meena	System Design using Integrated Circuits / EC T54	Power Point Presentation
	B	Mr. J. Soundararajan		
	C	Mr.C. Sridhar		
5	A	Mrs. M. Ramani	Transmission Lines and Waveguides/ EC T55	Digital Board
	B	Ms. Pushparaj		
	C	Ms. Imtiaz		
6	A	Mrs. V. Logisvary	Elective-I(Consumer Electronics)/ EC E02	Power Point Presentation
	B	Mr. Kalaiselvan		
	C	Ms. Nandini		
7	A	Ms. Imtiaz	Microprocessor and Microcontroller Laboratory/ EC P51	Video Lecture
	B	Ms. Sindhukavi		
	C	Mr. Gunaseelan		
8	A	Ms. Meena	System Design using Integrated Circuits Laboratory/ EC P52	Virtual Lab
	B	Mr. J. Soundararajan		
	C	Mr.C. Sridhar		
9	A	Mrs. M. Ramani	Networks and Transmission Lines Laboratory/ EC P53	Virtual Lab
	B	Ms. Pushpa		
	C	Ms. Imtiaz		

10	A	Mrs.G.Namitha	General Proficiency–I/ HS P54	Video Lecture
	B	Mrs.G.Namitha		
	C	Mrs.G.Namitha		

Semester: VII

S.No	Section	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	A	Ms. Anusuya	Microwave and Optical Engineering/ EC T71	Power Point Presentation
	B	Ms. Srividhya		
	C	Ms. Hema		
2	A	Mr. K. Uthayasuriyan	Embedded Systems/ EC T72	Power Point Presentation
	B	Ms. Thendral		
	C	Ms. Sindhu		
3	A	Mr. K. Vijayakumar	Elective-III (Cryptography and Network Security)/ EC E14	Power Point Presentation
	B	Ms. Megalajothi		
	C	Ms. Sivapriya		
4	A	Mrs. M. Julie Therese	Elective-IV (Spread Spectrum Communication) / EC E15	Power Point Presentation
	B	Mr. S. Pushparaj		
	C	Ms. Srinandhini		
5	A	Ms. Anusuya	Communication Laboratory-III/ EC P71	Video Lecture
	B	Ms. Srividhya		
	C	Ms. Hema		
6	A	Mr. K. Uthayasuriyan	Embedded Systems Laboratory/ EC P72	Video Lecture
	B	Ms. Thendral		
	C	Ms. Sindhu		

Semester : I (M.TECH – ECE)

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mr.M.Egalite Francis	Applied Mathematics/ P20BST106	Digital Board
2	Dr.A.Jayachitra	Digital System Design using VHDL / P20VET101	Digital Board
3	Mrs.M.Ramani	VLSI Design Techniques/ P20VET102	Power Point Presentation
4	Dr. R. Ramya	FPGA Based System Design/ P20VET103	Power Point Presentation
5	Mr. P. Arunagiri	Research Methodology and IPR/ P20CCT101	Power Point Presentation
6	Ms. C. Janani	Embedded Technology/ P20VEE101	Power Point Presentation
7	Mr.J.Soundararajan	VLSI Design Laboratory/ P20VEP101	Video Lecture
8	Dr.S. Premkumar	Technical Seminar & Report Writing / P20CCP101	Power Point Presentation

Semester : I (M.TECH – VLSI & ES)

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Dr.G.Suresh	Applied Mathematics/ P20BST106	Digital Board
2	Dr.V.Bharathi	Digital System Design using VHDL / P20VET101	Digital Board
3	Dr.S. B. Lenin	VLSI Design Techniques/ P20VET102	Power Point Presentation
4	Mr.S.Pushparaj	FPGA Based System Design/ P20VET103	Power Point Presentation
5	Ms. Pushpa	Research Methodology and IPR/ P20CCT101	Power Point Presentation

6	Mrs.V. Logisvary	Embedded Technology/ P20VEE101	Power Point Presentation
7	Mr.C. Sridhar	VLSI Design Laboratory/ P20VEP101	Video Lecture
8	Mr. Pradeep	Technical Seminar & Report Writing / P20CCP101	Power Point Presentation

Semester : III (M.TECH – VLSI & ES)

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mr.K.Uthayasuriyan	Advanced Embedded System/ VEENG 630	Power Point Presentation
2	Mr.K.Vijayakumar	System-on-Chip Design/ VEENG 640	Power Point Presentation
3	Mrs.M.Julietherese	VLSI for Wireless Communication / VEENG 641	Power Point Presentation

Semester : III (M.TECH – ECE)

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Dr.R.Kurinjimalar	Advanced Technologies in Wireless Networks / ECENG 630	Power Point Presentation
2	Mr.M.Harikrishnan	Cognitive Radio Technology / ECENG 632	Power Point Presentation
3	Dr.J.Pradeep	Multicarrier Wireless Communication / ECENG 639	Power Point Presentation

Even Semester for the Academic year 2020-2021

Semester: IV

S.No	Section	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	A	Mrs.D Tamilselvi	Signals and Systems/ U19ECT41	Digital Board
	B	Mrs.V.Logisvary		
	C	Mrs.S.Meena		
2	A	Ms.R.Srividhya	Analog Electronic Circuits / U19ECT42	Power Point Presentation
	B	Mr.M. Harikrishnan		
	C	Mr.M.Rajaparthiban		
3	A	Mr.C.Sivanthiram	Digital Electronic Circuits / U19ECT43	Digital Board
	B	Ms.R.Hema		
	C	Mr.K.Vijayakumar		
4	A	Ms.S.Anusuyya	Communication Systems/ U19ECT44	Power Point Presentation
	B	Ms.K.Srinandhini		
	C	Mr.E.Gunasekaran		
5	A,B,C	Ms.A.Krishnalakshmi	Professional Elective – I: Computer Networks/ U19ECE41	Power Point Presentation
	A,B,C	Dr.J.Pradeep	Sensors for Industrial Applications / U19ECE42	
	A,B,C	Mr.V.Soubbaya	Computer Architecture/ U19ECE43	
	A,B,C	Mr.J.Soundararajan	PLC and SCADA systems and its Applications/ U19ECE44	
6	A,B,C	Mr.D.Rajesh	Open Elective – I Basic DBMS/ U19CCO41	Power Point Presentation
	A,B,C	Mr.Arokiaraj st.Hubert	Web Development/ U19CSO41	
	A,B,C	Mrs.E.Poonguzhali	Programming in Java/ U19CSO43	
	A,B,C	Mrs.T.Sivaranjani	R Programming/ U19ITO42	
7	A	Ms.R.Srividhya	Analog Electronic Circuits Laboratory / U19ECP41	Virtual Lab
	B	Mr.M. Harikrishnan		
	C	Mr.M.Rajaparthiban		

8	A	Ms.C.Janani	Digital Electronic Circuits Laboratory / U19ECP42	Virtual Lab
	B	Ms.R.Hema		
	C	Mr.K.Vijayakumar		
9	A	Ms.S.Anusuyya	Communication Systems Laboratory / U19ECP43	Virtual Lab
	B	Ms.K.Srinandhini		
	C	Mr.E.Gunasekaran		

Semester: VI

S.No	Section	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	A	Ms.G.Thamizh Amizhdhu	Digital Communication/EC T61	Power Point Presentation
	B	Mr.R.Ilayaraja		
	C	Mrs.S.Jayanthi		
2	A	Mr.K.Uthayasuriyan	Wireless Communication/EC T62	Power Point Presentation
	B	Mrs.A.Thendral		
	C	Ms.N.Sasikala		
3	A	Ms.M.Viji	Digital Signal Processing/EC T63	Digital Board
	B	Ms.S.Nandini		
	C	Mr.R.Imtiaz		
4	A	Ms.A.Krishnalakshmi	Antennas and Wave Propagation/EC T64	Digital Board
	B	Dr.S.B.Lenin		
	C	Dr.S.Premkumar		
5	A	Ms.S.Pushpa	Elective-II (VLSI Design)/ EC E06	Power Point Presentation
	B	Mr.C.Sridhar		
	C	Dr. B. Shanmugham		
6	A	Ms.G.Thamizh Amizhdhu	Communication Laboratory-II/EC P61	Virtual Lab
	B	Mr.R.Ilayaraja		
	C	Mrs.S.Jayanthi		
7	A	Mr.K.Uthayasuriyan	Computer Networks Laboratory/EC P62	Video Lecture
	B	Mrs.A.Thendral		
	C	Ms.N.Sasikala		
8	A	Ms.M.Viji	Digital Signal Processing Laboratory /EC P63	Video Lecture
	B	Ms.S.Nandini		
	C	Mr.R.Imtiaz		
9	A	Mrs.G.Namitha	General Proficiency–II/ HS P64	Video Lecture
	B	Mrs.G.Namitha		
	C	Mrs.G.Namitha		

Semester: VIII

S.No	Section	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	A	Mr.R.Anbarasan	Industrial Management and Engineering Economics/ EC T82	Power Point Presentation
	B	Mr.R.Anbarasan		
	C	Mr.R.Anbarasan		
2	A	Mr.E.Kalaiselvan	Elective-V (Satellite Communication Systems)/ EC E16	Power Point Presentation
	B	Ms.T.Karthiga		
	C	Ms.E.Priyanga		
3	A	Mr. Sivanthiram	Elective-VI/ (Cellular Mobile Communication)/EC E20	Power Point Presentation
	B	Ms.J.Sindhukavi		
	C	Mr.E.Gunaseelan		
4	A	Mr.E. Kalaiselvan	Advanced Communication Laboratory /EC P81	Power Point Presentation
	B	Ms.J.Sindhukavi		
	C	Ms.E.Priyanga		

3.3 List of Expert Lectures / Workshop Conducted

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
1	Remote & Freelance technical Jobsfor Engineers	Er.M.Saravanakumar, Tata Consultancy Services,USA	07.08.2020	ECE
2	Hacking and Cyber Security	Mr. S.S Aravinth, Mentor, Hayagriva's Software Solutions, Salem	21.08.2020	ECE
3	Network Routing	Mr.M.V.MohanKumar, Senior Network Administrator, WIPRO Technologies, Coimbatore	24.08.2020	ECE
4	Timing and Synchronization inWireless Technology	Er. Kamatchi Gopalakrishnan, Senior Distinguished Engineer, Juniper Networks, USA.	30.08.2020	ECE
5	Special Transistors and RF in Communication	Mr. S. Annadurai,Senior Engineer, MBIT Wireless Pvt. Ltd., Chennai.	04.09.2020	ECE
6	Introduction to FPGA & Deep Learning	Mr. ShanmugapriyanManoharan,Research Assistant, Professorship of Computer Engineering, Technische Universität Chemnitz,Germany.	05.09.2020	ECE
7	Industrial auto weighing batching System	Mr.T.Prabakaran, Project Manager-(Operational and Maintenance), Secote India Pvt.Ltd, Chennai	25.09.2020	ECE
8	Significance of Research and Development in Engineering	Mr.K.Kalaiselvam, Senior Research Engineer, AGADA Medical Technologies and AGAD Hospitals, Chennai	26.09.2020	ECE
9	Cloud Computing and its Adoption Strategy from Enterprise, InnovationInclusion's, Market View and FutureVision	Mr.Jayamaran Ayilu Senior Architect, JLT Interactive Pte Ltd., Marina View, #09-02 Asia Square Tower 1, Singapore. 018960	01.10.2020	ECE
10	Electronics in AutomationEngineering	Er.Musthaf Syed Hyder, Renault Nissan Technology Project Executive and Process Developer - Automobile Engineering, No.49 Rue Jean Moulin 59100 Roubaix, France. Er.Kiruba Karan,Project Lead, Daimler India Commercial Vehicles Pvt. Ltd.chennai	03.10.2020	ECE

11	Intent based Networking	Mr.SriramKrishnamoorthy,Sr.Consultant, Ramboll Pvt. Ltd, Chennai	03.10.2020	ECE
12	Transmission Lines and Waveguides	Er.N.Premkumar, Automation Engineer, HITACHI Power Grids,Chennai	05.10.2020	ECE
13	Application of stochastic Process inSignal Processing	Dr.V.Raja, Assistant Professor, Department of Mathematics,PSG college of Engineering,Coimbatore	10.10.2020	ECE
14	Application of Numerical methods and optimization	Dr.B.Agilan, Assistant Professor, St. Joseph college of Engineering, Chennai	19.10.2020	ECE
15	Future connectivity of 5G with respect to its characteristics and applications	Er.M.Murugan, Delivery manager, SOPRASTERIA, SIPCOT IT Park, Chennai.	24.10.2020	ECE
16	Recent trends in consumerElectronics	L.Vananthi, Senior Software Engineer, HCL Australia Services Private Limited, Level 20,101 Miller Street, North Sydney, New South Wales - 2060Australia.	27.10.2020	ECE
17	Process automation for mobile manufacturing industries	Mr.P.Boopathi Raja, Software Engineer, Secote India Pvt.Ltd,Chennai	29.10.2020	ECE
18	Cyber Security-Security Issues	Mr.Ayyappan Ganesan, Advisory senior Solution Manager, Deloitte and touche llp,Bangalore	04.11.2020	ECE
19	Building an effective career plan	Dhivya Vijayakumar, Senior Product Manager,Roblox, California,US	09.11.2020	ECE
20	Smart Application &IOT based MQITand think speak cloud	Mr.Palanivelrajan.G Movitech R & D Pvt,, Coimbatore	11.11.2020	ECE
21	Industrial Automation	Mr.S.Jayaganesh, Assistant Manager, Kellogg Private Ltd.,Andrapradesh	17.11.2020	ECE
22	Internet of Thing	Mr.C.V.Renjith CV Electrical Architect,Medical Imagine at Philipshealthcare,Pune, Maharastra	08.12.2020	ECE
23	Circuit Theory-career Guidance	Mr.Senthamizh Selven Pugazhendy,Softwa Developer.INTEL, Bangalore	10.12.2020	ECE

3.4 Activities for Slow and Advanced Learners

ODD Semester for the Academic year 2020-2021

S.No	Name of the Course / Code	Section	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1	Engineering Mathematics – I (Calculus and Linear Algebra)/ U20BST101	A	Mr.K.Ganesan	Yes	6	Yes
		B	Mr.K.Ganesan	Yes	6	Yes
		C	Mr.K.Ganesan	Yes	6	Yes
2	Semiconductor Opto – Electronics / U20BST104	A	Mrs.S.Geetha	Yes	6	Yes
		B	Mr.K.Oudayakumar	Yes	6	Yes
		C	Dr. T.Jayavarthanan	Yes	6	Yes
3	Programming in C/ U20EST101	A	Mrs. T.Sivaranjani	Yes	6	Yes
		B	Mrs.V.Gomathi	Yes	6	Yes
		C	Mrs.V.Gomathi	Yes	6	Yes
4	Fundamentals of Civil and Mechanical Engineering/ U20EST103	A	Mrs.D.Sathiyasree(FCE)/Mr.SJagan (FME)	Yes	6	Yes
		B	Mrs.D.Sathiyasree(FCE) /Mr.S.Jagan (FME)	Yes	6	Yes
		C	Mr.S.Azhagarsamy(FCE) /Dr.L.Saravanan (FME)	Yes	6	Yes
5	Electric Circuits/ U20EST104	A	Mrs.M.Julie Therese	Yes	6	Yes
		B	Mr.S.Ganesan	Yes	6	Yes
		C	Mr.Kalaiyarasan	Yes	6	Yes
6	Programming in C Laboratory / U20ESP102	A	Mrs. T.Sivaranjani	Yes	6	Yes
		B	Mrs.V.Gomathi	Yes	6	Yes
		C	Mrs. V.Gomathi	Yes	6	Yes
7	Electric Circuits Laboratory / U20ESP105	A	Mrs.M.Julie Therese	Yes	6	Yes
		B	Mr.S.Ganesan	Yes	6	Yes
		C	Mr.Kalaiyarasan	Yes	6	Yes
8	Engineering Graphics using AutoCAD / U20ESP112	A	Mr.L.Martin	Yes	6	Yes
		B	Mr.S.Jagan	Yes	6	Yes
		C	Mr.L.Saravanan	Yes	6	Yes

Semester :III

S. No	Name of the Course / Code	Section	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1	Numerical Methods and Optimization / U19ECT31	A	Mr.M.Egalite Francis	Yes	6	No
		B	Dr.G.Suresh	Yes	6	No
		C	Mr. M. Egalite Francis	Yes	6	No
2	Data Structures/ U19ECT32	A	Mr.D.Rajesh	Yes	6	Yes
		B	Mr. Arokiaraj	Yes	6	Yes
		C	Mr. D. Rajesh	Yes	6	Yes

3	Electron Devices / U19ECT33	A	Mr.R.Imtiaz	Yes	6	Yes
		B	Mr. S. Rajaparthiban	Yes	6	Yes
		C	Mrs. B. Dheepa	Yes	6	Yes
4	Electrical Engineering / U19ECT34	A	Mr.J.Muruganandham	Yes	6	Yes
		B	Mr.K.Arun	Yes	6	Yes
		C	Mr.I.Shivasankkar	Yes	6	Yes
5	Circuits and Networks/ U19ECT35	A	Ms. V. Mohana	Yes	6	Yes
		B	Ms. S. Jayanthi	Yes	6	Yes
		C	Dr.P. Raja	Yes	6	Yes
6	Electromagnetic Field Theory / U19ECT36	A	Mr. K. Vinoth	Yes	6	Yes
		B	Dr.D.Jagadiswary	Yes	6	Yes
		C	Mr. S. Ganesan	Yes	6	Yes
7	Data Structures Laboratory/ U19ECP31	A	Mr.D.Rajesh	Yes	6	Yes
		B	Mr. Arokiaraj	Yes	6	Yes
		C	Mr. D. Rajesh	Yes	6	Yes
8	Electrical Engineering Laboratory / U19ECP32	A	Mr.J.Muruganandham	Yes	6	Yes
		B	Mr.K.Arun	Yes	6	Yes
		C	Mr.I.Shivasankkar	Yes	6	Yes
9	Electron Devices Laboratory / U19ECP33	A	Dr.B.Shanmugham	Yes	6	Yes
		B	Dr.A.Jayachitra	Yes	6	Yes
		C	Dr.S.Prem Kumar	Yes	6	Yes

Semester : V

S. No	Name of the Course / Code	Section	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1	Probability and Random Processes / MA T51	A	Dr.G.Suresh	Yes	6	Yes
		B	Mr.Eligalite Francis	Yes	6	Yes
		C	Mr.Eligalite Francis	Yes	6	Yes
2	Data Communication Networks / EC T52	A	Mr.P.Arunagiri	Yes	6	Yes
		B	Dr. S. B. Lenin	Yes	6	Yes
		C	Ms.E. Priyanga	Yes	6	Yes
3	Microprocessors and Microcontrollers / EC T53	A	Mr. Imtiaz	Yes	6	Yes
		B	Ms. J. Sindhukavi	Yes	6	Yes
		C	Ms. S. Ramya	Yes	6	Yes
4	System Design using Integrated Circuits/ EC T54	A	Ms. S. Meena	Yes	6	Yes
		B	Mr. J. Soundararajan	Yes	6	Yes
		C	Mr.C. Sridhar	Yes	6	Yes
5	Transmission Lines and Waveguides / EC T55	A	Ms. Sindhuja	Yes	6	Yes
		B	Dr. V. Bharathi	Yes	6	Yes
		C	Ms. S. Sangeetha	Yes	6	Yes
6	Elective-I(Consumer Electronics) / EC E02	A	Mrs. V. Logisvary	Yes	6	Yes
		B	Mr.V. M. Navaneedhakrishnan	Yes	6	Yes
		C	Ms. R. Soundarya	Yes	6	Yes
7	Microprocessor and Microcontroller Laboratory/ EC P51	A	Ms. Imtiaz	Yes	6	Yes
		B	Ms. Sindhukavi	Yes	6	Yes
		C	Mr. Gunaseelan	Yes	6	Yes
8	System Design using Integrated Circuits Laboratory/ EC P52	A	Ms. Meena	Yes	6	Yes
		B	Mr. J. Soundararajan	Yes	6	Yes
		C	Mr.C. Sridhar	Yes	6	Yes

9	Networks and Transmission Lines Laboratory/ EC P53	A	Mrs. M. Ramani	Yes	6	Yes
		B	Ms. Pushpa	Yes	6	Yes
		C	Ms. Imtiaz	Yes	6	Yes

Semester : VII

S. No	Name of the Course / Code	Section	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1	Microwave and Optical Engineering / EC T71	A	Ms. Hema	Yes	6	No
		B	Ms. R. Hemagayatri	Yes	6	No
		C	Mrs. R. Gayathri	Yes	6	No
2	Embedded Systems/ EC T72	A	Mr. K. Uthayasuriyan	Yes	6	Yes
		B	Ms. Thendral	Yes	6	Yes
		C	Ms. S. Dhivya	Yes	6	Yes
3	Elective-III (Cryptography and Network Security)/ EC E14	A	Ms. S. Geerthana	Yes	6	Yes
		B	Mr. K. Vijayakumar	Yes	6	Yes
		C	Mr. R. Kalaiyarasan	Yes	6	Yes
4	Elective-IV (Spread Spectrum Communication) / EC E15	A	Mrs. M. Julie Therese	Yes	6	Yes
		B	Mr. S. Pushparaj	Yes	6	Yes
		C	Ms. Srinandhini	Yes	6	Yes
5	Communication Laboratory-III/ EC P71	A	Ms. Anusuya	Yes	6	Yes
		B	Ms. Srividhya	Yes	6	Yes
		C	Ms. Hema	Yes	6	Yes
6	Embedded Systems Laboratory/ EC P72	A	Mr. K. Uthayasuriyan	Yes	6	Yes
		B	Ms. Thendral	Yes	6	Yes
		C	Ms. Sindhu	Yes	6	Yes
7	Seminar/ EC P73	A	Mr.M.Harikrishnan	Yes	6	Yes
		B	Ms.C.Janani	Yes	6	Yes
		C	Mrs.M.Ramani	Yes	6	Yes
8	Industrial Visit/Training/ EC P74	A	Mrs. M. Julie Therese	Yes	6	Yes
		B	Mr. S. Pushparaj	Yes	6	Yes
		C	Ms. Srinandhini	Yes	6	Yes
9	Project Work-I/ ECPW7	A	Mr.P.Arunagiri	Yes	6	Yes
		B	Dr.R.Kurinjimalar	Yes	6	Yes
		C	Dr.J.Pradeep	Yes	6	Yes

Even Semester for the Academic year 2020-2021

2020-21

Semester : IV

S. No	Name of the Course / Code	Section	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1	Signals and Systems/ U19ECT41	A	Mrs.S.Meena	Yes	6	No
		B	Mrs.V.Logisvary	Yes	6	No
		C	Mrs.S.Meena	Yes	6	No

2	Analog Electronic Circuits / U19ECT42	A	Mr. P. Maendra Peruman	Yes	6	Yes
		B	Mr.M. Harikrishnan	Yes	6	Yes
		C	Mr.M.Rajaparthiban	Yes	6	Yes
3	Digital Electronic Circuits / U19ECT43	A	Ms. S. Geerthana	Yes	6	Yes
		B	Ms.R.Hema	Yes	6	Yes
		C	Mr.K.Vijayakumar	Yes	6	Yes
4	Communication Systems/ U19ECT44	A	Mr. V. M. Navaneethakrishnan	Yes	6	Yes
		B	Dr. A. Vijayalakhsmi	Yes	6	Yes
		C	Mrs. S. Kalaimani	Yes	6	Yes
5	Professional Elective – I: Computer Networks/ U19ECE41	A,B,C	Ms.A.Krishnalakshmi	Yes	6	Yes
	Sensors for Industrial Applications/ U19ECE42	A,B,C	Dr.J.Pradeep	Yes	6	Yes
	Computer Architecture/ U19ECE43	A,B,C	Mr.V.Soubbaya	Yes	6	Yes
	PLC and SCADA systems and its Applications/ U19ECE44	A,B,C	Mr.J.Soundararajan	Yes	6	Yes
6	Open Elective – I Basic DBMS/ U19CCO41	A,B,C	Mr.D.Rajesh	Yes	6	Yes
	Web Development/ U19CSO41	A,B,C	Mr.Arokiaraj st.Hubert	Yes	6	Yes
	Programming in Java/ U19CSO43	A,B,C	Mrs.E.Poonguzhali	Yes	6	Yes
	R Programming/ U19ITO42	A,B,C	Mrs.T.Sivaranjani	Yes	6	Yes
7	Analog Electronic Circuits Laboratory / U19ECP41	A	Mr. P. Mahendra Peruman	Yes	6	Yes
		B	Mr.M. Harikrishnan	Yes	6	Yes
		C	Mr.M.Rajaparthiban	Yes	6	Yes
8	Digital Electronic Circuits Laboratory/ U19ECP42	A	Ms.C.Janani	Yes	6	Yes
		B	Ms.R.Hema	Yes	6	Yes
		C	Mr.K.Vijayakumar	Yes	6	Yes
9	Communication Systems Laboratory / U19ECP43	A	Mr. V. M. Navaneedhakrishnan	Yes	6	Yes
		B	Dr. A. Vijayalakhsmi	Yes	6	Yes
		C	Mrs. S. Kalaimani	Yes	6	Yes
10	Certification Course-II: CCNA/ U19ECCX5	A,B,C	Dr.B.Shanmugam	Yes	6	Yes
	Embedded System Design using Arduino/ U19ECCX7	A,B,C	Dr.S.Premkumar	Yes	6	Yes
	Internet of things/ U19ECCX9	A,B,C	Dr.A.Jayachitra	Yes	6	Yes

Semester: VI

S. No	Name of the Course / Code	Section	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1	Digital Communication/ EC T61	A	Ms.G.Thamizh Amizhdhu	Yes	6	No
		B	Mr.R.Ilayaraja	Yes	6	No
		C	Mrs.S.Jayanthi	Yes	6	No
2	Wireless	A	Mr.K.Uthayasuriyan	Yes	6	Yes

	Communication/EC T62	B	Mrs.A.Thendral	Yes	6	Yes
		C	Ms.N.Sasikala	Yes	6	Yes
3	Digital Signal Processing/ EC T63	A	Ms. V. Mohana	Yes	6	Yes
		B	Ms.S. Dhivya	Yes	6	Yes
		C	Mr.R.Imtiaz	Yes	6	Yes
4	Antennas and Wave Propagation /EC T64	A	Dr. V. Bharathi	Yes	6	Yes
		B	Mrs. Krishnalakshmi	Yes	6	Yes
		C	Dr.S.Premkumar	Yes	6	Yes
5	Elective-II (VLSI Design)/ EC E06	A	Ms.S. Jayaprahba	Yes	6	Yes
		B	Mr.C.Sridhar	Yes	6	Yes
		C	Dr. B. Shanmugham	Yes	6	Yes
6	Communication Laboratory-II/ EC P61	A	Ms.G.Thamizh Amizhdhu	Yes	6	Yes
		B	Mr.R.Ilayaraja	Yes	6	Yes
		C	Mrs.S.Jayanthi	Yes	6	Yes
7	Computer Networks Laboratory / EC P62	A	Mr.K.Uthayasuriyan	Yes	6	Yes
		B	Mrs.A.Thendral	Yes	6	Yes
		C	Ms.N.Sasikala	Yes	6	Yes
8	Digital Signal Processing Laboratory / EC P63	A	Ms.V. Mohana	Yes	6	Yes
		B	Ms.S.Dhivya	Yes	6	Yes
		C	Mr.R.Imtiaz	Yes	6	Yes
9	General Proficiency–II / HS P64	A	Mrs.G.Namitha	Yes	6	Yes
		B	Mrs.G.Namitha	Yes	6	Yes
		C	Mrs.G.Namitha	Yes	6	Yes

Semester : VIII

S. No	Name of the Course / Code	Section	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1	Professional Ethics/ EC T81	A	Mr.R. Pradeep	Yes	6	No
		B	Dr. A. Sivagami	Yes	6	Yes
		C	Dr. P. Raja	Yes	6	Yes
2	Industrial Management and Engineering Economics/ EC T82	A	Mr.R.Anbarasan	Yes	6	Yes
		B	Mr.R.Anbarasan	Yes	6	Yes
		C	Mr.R.Anbarasan	Yes	6	Yes
3	Elective-V (Satellite Communication Systems)/ EC E16	A	Ms. S. Sangeetha	Yes	6	Yes
		B	Mrs. R.Gayathri	Yes	6	Yes
		C	Ms.E.Priyanga	Yes	6	Yes
4	Elective-VI/ (Cellular Mobile Communication)/ EC E20	A	Ms. S. Geerthana	Yes	6	Yes
		B	Ms.J.Sindhukavi	Yes	6	Yes
		C	Ms. R. Soundharya	Yes	6	Yes
5	Advanced Communication Laboratory/ EC P81	A	Ms. S. Sangeetha	Yes	6	Yes
		B	Ms.J.Sindhukavi	Yes	6	Yes
		C	Dr. S. B. Lenin	Yes	6	Yes
6	Comprehensive Viva/ EC P82	A	Mr. P. Arunagiri	Yes	6	Yes
		B	Mr. S. Pushaparaj	Yes	6	Yes
		C	Ms.R. Gayathri	Yes	6	Yes
7	Project Work-II/ EC PW8	A	Dr.J. PradeepS	Yes	6	Yes
		B	Dr.R. Kurunjimalar	Yes	6	Yes
		C	Dr.J. Pradeep	Yes	6	Yes

3.5 Counseling and Mentoring

S.No	Particular	Yes / No	Remarks
1	Mentor Allocation	Yes	Mentor is assigned in the ratio of 1:14,which facilitates one to one follow-up
2	Class wise student Profile Record Maintained	Yes	
3	Mentor – Mentee Session Record Maintained	Yes	

No. of Students in Department	Number of Full Time Teachers in the Department	Mentor : Mentee Ratio
795	56	1 : 14

3.6 Internal Evaluation Systems

S.No	Particular	Yes / No	Remarks
1	Continuous Assessment Test Record	Yes	Continuous follow up of marks secured and project work creates a positive impact on student's progress.
2	Seminar / Project Review Record	Yes	
3	End Semester Examination Record	Yes	
4	Student Grade Report	Yes	

3.7 Learning Outcomes

S.No	Particular	Yes / No	Remarks
1	PO, PEO, PSO, CO are well stated	Yes	Well Notified
2	Correlation of COs with POs and PSOs for each Course	Yes	Well outlined
3	Course Outcome Attainment Calculated		75% - Grade C
4	PSO and PO attainment through CO	Yes	Attainment level is satisfactory

3.8 Student Performance in End Semester Examination

B.Tech: Semester – VIII **M.Tech: Semester – IV**

Sr. No	Particular	B.Tech (2016-2020)	M.Tech(ECE) (2018-2020)	M.Tech(VLSI& ES) (2018-2020)
1	Number of Students appeared	**210**	-	**8**
2	Number of All Clear Students	**210**	-	**8**
3	Number of Students passed with Distinction	**66**	-	**2**
4	Number of Students passed with First Class	**200**	-	**5**
5	Number of Students passed with Second Class	**10**	-	-
6	Number of Students Failed	-	-	-
7	Passing Percentage	**100**	-	**100**

SECTION – IV: STRUCTURED FEEDBACK

S.No	Particular	Yes / No	Number of Feedback Collected	Remarks (if any)
1	Student Feedback on Teaching and Learning conducted with action taken report	Yes	240	Student feedback is collected through QCM meeting
2	Parent Meet / Parent Feedback on Teaching conducted with action taken report	Yes	30	Parents feedback is collected for each semester
3	Student Exit Survey conducted and Analyzed	Yes	210	Nil
4	Alumni Feedback conducted and Analyzed	Yes	425	Nil

SECTION – V : RESEARCH, INNOVATION AND PUBLICATIONS

5.1 Research Grants, Projects completed and ongoing from various Funding Agencies

S.No	Principle Investigator	Title of Project / Grants	Funding Agency	Amount (Rs. in Lakhs)	Duration of the project
1	J. Soundarajan	Industry Automation	Tetra Automation	3	2 Years
2	P. Arunagiri K. Uthayasuriyan	To automate the Plastic dispensing nozzle lane chamber Energy saving audit and automation	Sakthi Ganapathy Polymers	0.5	6 Months

5.2 Consultancy Works

S.No	Name of the Faculty	Nature of Consultancy	Funding Agency	Fund Generated (Rs. in Lakhs)	Duration of the Consultancy
1	Dr.P.Raja	IoT implementation in Construction Industry	Irumam Engineering Service Chennai,S.Dhanavel Project Manager 9894667455	1.5	4 Months
2	Mr. J.Soundararajan	Cyber Security	Information Assessment &Risk Management - IARM Chennai	0.5	3 months
3	Mr. J.Soundararajan	Industry Automation	Tetra Automation No.27/9, BajanaiKovil Street, Padi, Near Korattur Signal, Behind Brittania Company, Chennai – 50	3	6 months

5.3 Faculty Publications

Publication Details (Last Four Years)

Sr. No	Academic Year	Papers Published in peer reviewed Journals	Scopus, Web of Science Indexing Papers	Total Number of Citations	h-index	Impact Factor range / Average Impact Factor
1	2020-2021	-	38	-	-	**0.6**
2	2019-2020	7	3	87	9	-
3	2018-2019	29	9	72	-	-
4	2017-2018	8	8	59	-	-

Publication Details for Academic Year consider for Auditing

Number of Publication in National Journals	-
Number of Publication in International Journals	38
Number of Publication in National Conferences	2
Number of Publication in International Conferences	2
Number of Books / Book Chapters	4
Number of Patent (Filed)	7
Number of Patents Granted	-

International Journal

S. No	Title of the Paper	Name of the Authors	Name of the Journal	Vol, issue, pp, ISBN/ISSN	Indexing
1	Automated Intravenous Drip System for Smart Hospital	**P. Raja**, V.Sivasuriya, P. Bhuvaneswar, M. Jagadish, B.Manojprabakaran	Journal of Advanced Research in Dynamical & Control Systems,	Vol. 12, Issue-06, pp.1907-1914, ISSN: 1943-023X, 2020,	Scopus
2	Enhanced Delay Locked Loop Based Wide Frequency Multiplier	**V. Bharathi**, M. Soussay Christine, A.R. Aysha	Journal of Critical Reviews	Vol. 7, Issue 8, pp.1193-1198, ISSN: 2394-5125, 2020	Scopus
3	Detection of Wound in Human using HOG and HSV Algorithm	**V.Bharathi**, Oviya Kirubanandham, I. Kruthika, Z. Ifthikar Sultana, N. Kamali	Journal of Advanced Research in Dynamical & Control Systems	Vol. 12, Issue-06, pp.1897-1906, ISSN: 1943-023X, 2020.	Scopus
4	Co-Simulation Framework to Detect And Prevent DoS Attack In Smart Grid WAMS	**Dr. S.Prem Kumar.** Dr. Susithra. M , Dr. Saminadan. V	Journal of Xidian University	Vol. 14, Issue 7, pp.105-116, ISSN:1001-2400, 2020	Scopus
5	Distributed Entropy Energy-	**J. Pradeep**, P.Mahes Kumar,	Journal of Critical Reviews	Vol. 7, Issue 8, pp.1208-1215, ISSN- 2394-5125,	Scopus

	Efficient Clustering Algorithm for Heterogeneous Wireless Sensor Network Based Chaotic Firefly Algorithm Cluster Head Selection	Mummoorthy		2020	
6	Smart Medkit	**S.B. Lenin**, S. Pushparaj, M. Adithya, S. Murugesan, N. Balaji, J. Gurupriyan	Journal of Physics, Conference Series	doi:10.1088/1742-6596/1717/1/012041, IOP Publishing, RASCC , 2020	Scopus
7	Metal and Chemical Explosive Detector Using Surveillance BOT	**P.Arunagiri**, L.Martin	Journal of Xidian University,	Vol. 14, Issue 6, pp.897-906, ISSN:1001-2400, 2020.	Scopus
8	Virtual Reality Visualization for Computational Studies	**P. Arunagiri**, P. Maidily, D. Niranjan	Journal of Critical Reviews	Vol. 7, Issue 8, pp.1186-1192, ISSN- 2394-5125, 2020.	Scopus
9	Smart Pill Dispenser	**S. Jayanthi**, S. Sindhuja, Sariga. S, Hemamalini. A, Pavithra. G, Rathi Priya. M	Journal of Critical Reviews	Vol. 7, Issue 8, pp.1481-1484, ISSN: 2394-5125, 2020.	Scopus
10	Lump Revealing and Organization of MRI Image Using Support Vector machine	**Logisvary V**, Kishore K, Ragavi R, Sasipriya K, Tamizhselvi D	Journal of Critical Reviews	Vol. 7, Issue 8, pp.1490-1494, ISSN: 2394-5125, 2020	Scopus
11	Secured Data Partition and Transmission to Cloud through Fog Computing for IOT Application	**M. Julie Therese**, C. Ezhilarasi, K. Harshithaa , A. Jayasri	International Journal of Advanced Science and Technology	Vol. 29, No. 11s, pp.921-931, ISSN: 2005-4238, 2020	Scopus
12	A User-Friendly Navigation System For Pacing Urbanization	**K.Vijayakumar**, S. Pushparaj, J. Pradeep, V. Rohith	Journal of Critical Reviews	Vol. 7, Issue 8, pp. 1199-1207, ISSN: 2394-5125, 2020	Scopus
13	IoT Based Smart Power Managing System	**S. Pushparaj**, U. Bharath Kumar, T. Tamil Chandiran, N. Mugundhan, S. Anish Maran	Journal of Critical Reviews	Vol. 7, Issue 8, pp.1216-1220, ISSN: 2394-5125, 2020	Scopus
14	Universal	**Dr.P.Raja**,	International Journal	Vol. 13, No. 3, pp. 1403–	Web of

	Access of Electronic Health Record Management System	R. Dinesh Kumar, G. Mithesh, S. Abhilash, S.Arunasalam	of Future Generation Communication and Networking	1414, ISSN: 2233-7857, 2020,	Science
15	Augmented Reality-based Virtual Integrated 3D Navigation System	**Dr.P. Raja**, B. Aristotle, D. Niranjan, R.S. Aakhash, G. Balaji	International Journal of Grid and Distributed Computing	Vol. 13, No. 1, pp. 1842-1848, ISSN: 2005-4262, 2020.	Web of Science
16	Smart Guidance System of Sightless Challengers	**Dr.P.Raja** Dr.V.Bharathi	International Journal of Future Generation Communication and Networking	Vol. 13, No. 3, pp.1789-1798, ISSN: 2233-7857, 2020.	Web of Science
17	Sybil Attack Detection and Shielding in MANET Using Received Signal Strength Indicator	**Dr. V. Bharathi**, Dr. P, Raja, J. Akshaya, S. Kaviarasi, M, Mohana, Sabnam Dalai	International Journal of Grid and Distributed Computing	Vol. 13, No. 1, pp. 1679–1687, ISSN: 2005-4262, 2020.	Web of Science
18	Parkinson's Disease Classification Using Deep Convolutional Neural Network Based on Acoustic Signals	**Dr. V.Bharathi**, A. Devika, J. Jaya Nishanthini, A. Periya Prasanna, R. Sai Charanya	International Journal of Future Generation Communication and Networking	Vol. 13, No. 3, pp. 1780-1788, ISSN: 2233-7857, 2020.	Web of Science
19	Mobile Controlled Frictional Vehicle for Differently Abled People	**Dr. R.Kurunjimalar**, Elakkiya.D, Nivedha.G, Vinnoli.B, Suvedha.M	International Journal of Future Generation Communication and Networking,	Vol. 13, No. 3, pp. 1424–1430, ISSN: 2233-7857, 2020.	Web of Science
20	Virtual Assistant Car Using Raspberry Pi	**Dr. R. Kurinjimalar**, Sowmiya M, Sri shyamala V, Swapna E	International Journal of Grid and Distributed Computing,	Vol. 13, No. 1, pp. 1653–1663, ISSN: 2005-4262, 2020.	Web of Science
21	Android Based Robotic Arm	**P.Arunagiri**, Aroop Siddharth A.S, Dhileep Kumar.R, Govindharaj.T	International Journal of Future Generation Communication and Networking	Vol. 13, No. 3, pp. 895–901, ISSN: 2233-7857, 2020,	Web of Science
22	Smart Water Management System	**Mrs.S.Jayanthi**, Ms.C.Janani, T. Kannan, S. Aakash, R.M. Aravindhan, R. Venkataramanan	International Journal of Future Generation Communication and Networking	Vol. 13, No. 2, pp.1550-1555, ISSN: 2233-7857, 2020.	Web of Science
23	Automated Attendance Tracking System using Firebase Real-Time Database	**M. Julie Therese**, A.Dharaneeswari, M.Kanishma , N.Keerthana	International Journal of Future Generation Communication and Networking	Vol. 13, No. 2, pp.1562-1573, ISSN: 2233-7857, 2020.	Web of Science

24	Anti- Terrorism Defence Robot	**Ms.N.Sasikala**, P.Hemamageshwari, V.Manchubargavi, C.Manjuparkavi, S.Kavitha	International Journal of Future Generation Communication and Networking	Vol. 13, No. 3, pp. 925–931, ISSN: 2233-7857, 2020.	Web of Science
25	Farmer Friendly Agri-Bot	**K.Uthayasuriyan**, N.Kusal, G.Arvind, M.Murasoli Raja	International Journal of Future Generation Communication and Networking	Vol. 13, No. 3, pp. 959–964, ISSN: 2233-7857, 2020.	Web of Science
26	Design and implementation of collision avoidance system using IOT	**Mr. Ilaiyaraja. R**, Abinash. D, Kamalnath. R, Ilankathir. P, Arikrishnan. R	International Journal of Future Generation Communication and Networking,	Vol. 13, No. 3, pp. 965–973, ISSN: 2233-7857, 2020.	Web of Science
27	Smart Home Security System	**R.Ilaiyaraja**, M.Julie Therese, S.Pushparaj	International Journal of Future Generation Communication and Networking,	Vol. 13, No. 2, pp.1540-1549, ISSN: 2233-7857, 2020.	Web of Science
28	Efficient Vehicle Detection System using OCR and REST API	**J. Pradeep**, A. Muthukumaran, G. Nareshraman, R. Krishnan and B. Sakthy Rosseou Prasanna	International Journal of Engineering Research & Technology (IJERT),	Vol. 9 Issue 07, pp.820-824, ISSN: 2278-0181, 2020.	UGC
29	Voice Controlled Home Automation Using Rasperry Pi	**Kurinjmalar.R**, .Dhireaka.R , Kirubha.P , Pillai Monisha.S Shanmukapriya.J	Journal Of Applied Science and Computations	Vol. VII, Issue X, pp.43-49, ISSN: 1076-5131, 2020.	UGC
30	Index modulation and hierarchical signal detection approach for MIMO OFDMA	**B. Shanmugham,** B. Revathi Ponmozhi, V. Sekar	Materials Today: Proceedings	ISSN: 2214-7853, 2021. https://doi.org/10.1016/j.matpr.2021.04.068	Scopus
31	ECG Analysis and Arrhythmia Classification using Narrowband Frequency Signal	**Dr.A.Jayachitra**, Dr.R.Ramya, M.Vidhya Bharathi	Turkish Journal of Computer and Mathematics Education	Vol.12 No.10, pp. 3281-3289, ISSN: 1309-4653, 2021.	Scopus
32	Design and Implementation of Portable Signal Generator using AVR and Android App	**Dr.R.Ramya** Dr.A.Jayachitra S. Priyadharshini	Turkish Journal of Computer and Mathematics Education	Vol.12 No.10, pp. 3274-3280, ISSN: 1309-4653, 2021.	Scopus
33	Garbage Monitoring and Clearance Using Robots	P. Raja, **C. Janani,** A. Thivya	Journal of Critical Reviews	Vol. 7, Issue 8, pp. 1221-1225, ISSN: 2394-5125, 2020.	Scopus

34	Low Power Resource Efficient Ternary Content Addressable Memory Using Multiport SRAM	A.Vijayalakshmi, **C.Sridhar,** S.Ramya	International Journal of Future Generation Communication and Networking	Vol. 13, No. 3, pp. 974-981, ISSN: 2233-7857, 2020.	Web of Science
35	Low-Power and Leakage Reduction In 10T SRAM Using Tanner EDA	R. Jegadeeswari, **Ramyajothikumar**, M. Mukila, P Raja	Journal of Critical Reviews	Vol. 7, Issue 8, pp. 1471-1480, ISSN: 2394-5125, 2020.	Scopus
36	Cloud Computing based Intelligent Bank Locker System	A. Devi, **M. Julie Therese,** G. Premalatha	Journal of Physics, Conference Series	Doi:10.1088/1742-6596/1717/1/012041, IOP Publishing, RASCC, 2020	Scopus
37	Hybrid shuffled frog leaping and improved biogeography-based optimization algorithm for energy stability and network lifetime maximization in wireless sensor networks	Narayanasamy Tamilarasan, **S.B. Lenin,** N. Jayapandian, P. Subramanian	International Journal of Communication Systems	Vol. 34, Issue 4, pp. 1-16, ISSN:1074-5351, 2021.	Scopus
38	High throughput token driven FSM based regex pattern matching for network intrusion detection system	S. Nagaraju, **B. Shanmugham** K. Baskaran	Materials Today: Proceedings	ISSN: 2214-7853, 2021. https://doi.org/10.1016/j.matpr.2021.04.028	Scopus

National Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
1	Smart Medkit	S.B. Lenin, S. Pushparaj, M. Adithya, S. Murugesan, N. Balaji, J. Gurupriyan	Journal of Physics: Conference Series	Recent Advances in Smart System Automation, Computing and Communication - RASCC - 2020	1717 (2021) 012041	IOP Publishing
2	Cloud Computing based Intelligent Bank Locker System	A. Devi, **M. Julie Therese,** G. Premalatha	Journal of Physics: Conference Series	Recent Advances in Smart System Automation, Computing and Communication - RASCC - 2020	**1717** (2021) 012020	IOP Publishing

International Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
1	Smart Navigation Guidance System for Visually Challenged People	A. Devi, **M. Julie Therese,** R. Sankar Ganesh	Proceedings of the International Conference on Smart Electronics and Communication (ICOSEC 2020)	International Conference on Smart Electronics and Communication (ICOSEC 2020)	ISBN: 978-1-7281-5460-2	IEEE
2	Interactive ATM for Visually Challenged	Dr.P.Raja A.Thivya C.Janani	IEEE - International Conference on System, Computation, Automation and Networking (ICSCAN)	International Conference on System, Computation, Automation and Networking (ICSCAN)	978-1-7281-6201-0	IEEE
3	Complexity Reduction in GSM by Antenna index based group detection	Dr.R.Ramya	Proceedings of the International Conference on innovation in Electronics and Communication Systems(ICIECS-2021)	International Conference on innovation in Electronics and Communication Systems(ICIECS-2021)	-	-

Books / Book Chapters

S.No	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
1	Integrating IoT and Cloud Computing for Wireless Sensor Network Applications	M Julie Therese, P Dharanyadevi, K Harshithaa	978-1-119-76183-9	John Wiley & Sons, Inc
2	Internet of Things-Based Service Discovery for the 5G-VANET Milieu	P Dharanyadevi, M Julie Therese, K Venkatalakshmi	978-1-119-76183-9	John Wiley & Sons, Inc
3	IoT-Based Smart Pipeline Leakage Detecting System for Petroleum Industries	A Devi, M Julie Therese, P Dharani Devi, T Ananth Kumar	978-1-003-04885-5	CRC Press
4	Interfacing Fog Computing and Cloud Computing for IOT 100 Applications	M. Julie Therese, A. Devi, Dr. T. Ananth Kumar, P. Dharanyadevi	978-81-941281-9-9	Anvi Books & Publishers

Patent

S.No	Name of the Applicant (s)	Name of the Inventor (s)	Title	Application No. & Patent Filed Date	Country	Current Status
1	Dr. P. Raja	Dr. P. Raja Dr. V. Bharathi Dr.A.Vijayalakshmi Dr.D.Jagadiswary Mr.P.Arunagiri Dr.S.Premkumar Mrs.V.Logisvary Mr.R.Ilaiyaraja Dr.B.Shanmugham	Smart Refrigerator Using Peltier Plate	202041033396 A & 21/08/2020	India	Published
2	Dr. P. Raja	Dr.P.Raja Dr.R.Kurinjimalar Dr.V.Bharathi Dr.J.Pradeep Mr.C.Sridhar Mr.G.Thamizhamizhdhu Ms.C.Janani	A Furrower	202041033397 A & 21/08/2020	India	Published
3	Dr. P. Raja Dr.V. Bharathi	Dr.P. Raja Dr.V. Bharathi Ms. P. Maidily Mrs. V. Logisvary Mr.C. Sridhar Ms.M. Julie Therese Mr. K. Vijakumar Mr. S. Pushparaj Mr. K. Uthayasuriyan	Mechanized System of integrated Shoe Cleansing and Polishing	202041045087 A & 30/10/2020	India	Published
4	Dr. P.Raja	Dr.P. Raja Dr. S. Jayakumar Dr. K. Velmurugan Dr. V. Bharathi Dr. S. B. Lenin Mrs. V. Logisvary Mrs. M. Julie Therese Mr. C. Sridhar Mr. K. Vijayakuar Mr. S. Pushparaj	Cost Effective Smart Sewage Treatment to Agriculture Fields	202041045087 A & 30/10/2020	India	Published
5	Dr.R.Kurinjimalar	Dr.R.Kurinjimalar Dr.P.Raja Mr.P.Arunagiri Mr.K.Uthayasuriyan Ms.C.Janani Ms.G.Thamizh Amizhdhu Dr.J.Pradeep Dr.A.Jayachitra Aroop Siddharth A.S Dhileepkumar. R	Heartsease - The Stress Relieving Application	202041048956 A & 20/11/2020	India	Published
6	Dr. D. Jagadiswary Mrs.M. Julie Therese	Dr.D.Jagadiswary Mrs.M.Julie Therese Dr.P.Raja Dr.A.Vijayalakshmi Dr.R. Ramya Mr.J.Soundararajan Ms.N.Sasikala	Data Authentication and Security in ATM System	202041050321 & 19.11.2020	India	Published

		Ms.C.Janani Ms.G.ThamizhAmizhdhu				
7	Dr. B. Shanmugham	Dr. B. Shanmugham Dr. P. Raja Dr. J. Pradeep Dr. A. Jayachitra Dr. R. Kurinjimalar Dr. S. Premkumar Dr. S. B. Lenin Mr. C. Sridhar Dr. B. Revathi Alias Ponmozhi Dr. N. Tamilarasan	Smart Belt for Health Monitoring of Pregnant Women	202041054887 & 01.01.2021	India	Published

SECTION – VI: COLLABORATIONS AND LINKAGES

6.1 Student Internships

S.No	Name of the Student	Name of the Sponsored Industry / Research Institute / Partnering Institution	About Internship		
			Duration	From date	To date
1	BADHRI NAARAYANAN. S	EmbedUR Systems	1 Month	28-04-2021	31-05-2021
2	GOUTHAM SURYA TEJA.S	TCS	2 Months	18-05-2020	17-07-2020
3	GUNALAN.I	CTS	4 Months	11-02-2021	09-07-2021
4	HARIHARAN K	TCS	2 Months	24-05-2020	24-07-2021
5	Harish Nawaz.S	Cognizant	4 Months	11-02-2021	23-06-2021
6	KARTHIKEYAN.K	TCS	2 Months	18-05-2020	17-07-2020
7	KARTHIKEYAN.R	CTS	4 Months	11-02-2021	22-06-2021
8	KAYATHRI.B	CTS	3 Months	12-02-2021	09-06-2021
9	KISHAN.P	CTS	3 Months	11-02-2021	03-06-2021
10	KISHORE KUMAR. S	Technosprint Infosolutions	4 Months	05-09-2020	21-05-2021
11	LOKESHWARAN.J	TCS	2 Months	18-05-2020	17-07-2020
12	MONISHA.R	Hexaware Technologies	4 Months	21-06-2021	11-06-2021
13	NARMADHA. A	CTS	3 Months	11-02-2021	31-05-2021
14	PAVITHRAN.T	Technosprint Infosolutions	4 Months	03-10-2020	14-05-2021
15	RAGAVI.R	CTS	4 Months	30-01-2021	04-06-2021
16	SOPHIA LAURA .A	CTS	4 Months	11-02-2021	30-06-2021
17	SUBASHREE K	CTS	4 Months	11-02-2021	09-06-2021
18	SURYA SRINIVAS PRANAV POTTUPARTHY	CTS	4 Months	11-02-2021	22-06-2021
19	SWAATY.S	CTS	4 Months	05-03-2021	09-06-2021
20	THILLAI GANAPATHY.S	CTS	4 Months	16-02-2021	30-06-2021
21	VIGNESH G	CTS	4 Months	11-02-2021	22-06-2021
22	YOKESH.K	CTS	4 Months	11-02-2021	09-06-2021

6.2 Sponsored / Industry Projects

S.No	Project Title	Name of the Student/s	Name of the Sponsored Industry / Research Institute / Partnering Institution	Duration of the Project (Months)
1	Development of Automotive Display Unit Assembly and Testing using Automation	1.Barat Eshwer G.S 2.Yokesh.K 3.Aravindhaswaamy.L	Tetra Automation, Chennai	6 months
2	Tub Segregation System for washing machine parts manufacturing plant	1.Gunalan.I 2.BadhriNaaryanan.S 3.Vishwak.K 4. Hemchandiran.K	Bright Brother's Limited, Puducherry	6 Months
3	Automated Soldering Machine	1. Diwakaran.S.M 2. Balamurali M 3. Akil Ali Beig.A 4. Patrick Vishwa.A	GT Electronics India Pvt. Ltd. Puducherry	6 Months

6.3 Industrial Visits

S.No	Name of the Industry / Company / Research Institute	Date of Visit	Target Audience	Number of Students Participated
-Nil-				

6.4 Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
1	Auto Coils and Electricals, Puducherry	15.10.2020	• To provide training for in-house projects. • To provide technical guidance for students.	1 year
2	Microchip Technology, Chennai	23.03.2021	• To provide internship for students. • To provide technical guidance for students.	3 years

SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	**176**
Number of Students opted Higher Studies	**15**
Number of Entrepreneur	**2**

7.1 Placements

S.No	Name of the Student	Company Placed	Salary Package
1	Abdul Kalam Azaad M	Tata Consultancy Services, Cognizant	3.3Lakhs,4 Lakhs
2	Abirami R	Accenture, Sutherland	4.5 Lakhs,2.4 Lakhs

3	Aishwarya S	Tata Consultancy Services	3.3Lakhs
4	Akil Ali Beig A	Tata Consultancy Services, Cognizant	3.3Lakhs,4 Lakhs
5	Akshay M	LSE,CSS Corp	2.1 Lakhs, 2.4 Lakhs
6	Ananth Raman D	LSE	2.1 Lakhs
7	Anirudh S	Tata Consultancy Services	3.3Lakhs
8	Anusha V	Tata Consultancy Services	3.3Lakhs
9	Aribhaskar R	Sutherland, LSE	2.4 L , 2.1 lakhs
10	Arthi V	Tata Consultancy Services	3.3Lakhs
11	Arunagiri A	Maventic, Sutherland	3.5 Lakhs , 2.4 Lakhs
12	Aswin Kumar G	Tata Consultancy Services, Full Creative	3.3Lakhs,3.5 Lakhs
13	Balamurali M	Tata Consultancy Services	3.3Lakhs
14	Chandralekha K	Wipro, Sutherland	3.5 Lakhs ,2.4 Lakhs
15	Clinton Joseph B	Sutherland	2.4 Lakhs
16	Devanathan K	Tata Consultancy Services	3.3Lakhs
17	Dhineshkumar D	Wipro	3.5 Lakhs
18	Diwakaran S M	Tata Consultancy Services, Cognizant	3.3Lakhs,4 Lakhs
19	Gorrela Sri Charitha	Tata Consultancy Services	3.3Lakhs
20	Goutham Surya Teja S	Tata Consultancy Services	3.3Lakhs
21	Gunalan I	Cognizant	4 Lakhs
22	Hariharan K	Tata Consultancy Services	3.3Lakhs
23	Harine G	Tata Consultancy Services	3.3Lakhs
24	Harish Nawaz S	Cognizant	4 Lakhs
25	Jayapriya G	Tata Consultancy Services	3.3Lakhs
26	Kalaivani R	Sutherland,CSS Corp	2.4 L , 2.4 lakhs
27	Kamali S	Tata Consultancy Services	3.3Lakhs
28	Karthikeyan K	Sutherland, LSE	2.4 L , 2.1 lakhs
29	Karthikeyan R	Cognizant	4 Lakhs
30	Kayathri B	Cognizant	4 Lakhs
31	Keerthana. B	Sutherland	2.4 Lakhs
32	Kirthiga V	Tata Consultancy Services	3.3Lakhs
33	Kishan P	Cognizant	4 Lakhs
34	Kishore Kannan S	Accenture	4.5Lakhs
35	Kishore Kumar M	Tata Consultancy Services	3.3Lakhs
36	Lalith Kumar S	Tata Consultancy Services	3.3Lakhs
37	Lokeshwaran J	Tata Consultancy Services	3.3Lakhs
38	Maheswari B	Tata Consultancy Services	3.3Lakhs
39	Manojkiran K	Tata Consultancy Services	3.3Lakhs
40	Mathavi Keerthi T	Sutherland, LSE	2.4 L , 2.1 lakhs
41	Meena V	Tata Consultancy Services	3.3Lakhs
42	Mohanapreya R	Tata Consultancy Services	3.3Lakhs
43	Mohit Pavan Raj Meda	Tata Consultancy Services	3.3Lakhs
44	Monika E	Cognizant	4 Lakhs
45	Monisha R	Hexaware	3.5 Lakhs
46	Mugesh Kumar S	Accenture, Sutherland, LSE	4.5Lakhs,2.4 Lakhs,2.1 Lakhs

47	Mukeshkumar N	Tata Consultancy Services	3.3Lakhs
48	Nallamothu Rahul Chowdary	Tata Consultancy Services	3.3Lakhs
49	Nandhini Priya R	Tata Consultancy Services	3.3Lakhs
50	Naresh S	Tata Consultancy Services	3.3Lakhs
51	Narmadha A	Cognizant	4 Lakhs
52	Naveen Kumar A	Tata Consultancy Services	3.3Lakhs
53	Nithya M	Tata Consultancy Services	3.3Lakhs
54	Pavithra G	Tata Consultancy Services,Cognizant	3.3Lakhs,4 Lakhs
55	Pavithran T	Tata Consultancy Services	3.3Lakhs
56	Poorani B	Tata Consultancy Services,Cognizant	3.3Lakhs,4 Lakhs
57	Poovannan G	ZOHO, Tata Consultancy Services	6.5Lakhs,3.3Lakhs
58	Prem Kumar M	Tata Consultancy Services	3.3Lakhs
59	Radhika A	Tata Consultancy Services	3.3Lakhs
60	Ragavi R	Cognizant	4 Lakhs
61	Raj Aravind Eshwer J	Softsquare, Sutherland, LSE	2.4 Lakhs ,2.41L ,2.1 Lakhs
62	Rithika J	Tata Consultancy Services, Cognizant	3.3Lakhs,4 Lakhs
63	Rithosh C	Tata Consultancy Services	3.3Lakhs
64	Roja B	Sutherland	2.4 Lakhs
65	Roshini R	Tata Consultancy Services	3.3Lakhs
66	Sakthikumaran D	Tata Consultancy Services	3.3Lakhs
67	Sangeetha S	Tata Consultancy Services, Accenture	3.3Lakhs,4.5 Lakhs
68	Santhosh Krishna. J	Sutherland	2.4 Lakhs
69	Savumiya V	Sutherland	2.4 Lakhs
70	Shanthini T	Wipro, Sutherland	3.5 Lakhs ,2.4 Lakhs
71	Sharmila K	Tata Consultancy Services	3.3Lakhs
72	Sharmila Rehansi R	Tata Consultancy Services	3.3Lakhs
73	Sharmila Y	Tata Consultancy Services	3.3Lakhs
74	Sharvani D	Tata Consultancy Services	3.3Lakhs
75	Siddarth M S	Tata Consultancy Services, Cognizant	3.3Lakhs,4 Lakhs
76	Sinekavi B	Tata Consultancy Services, Cognizant	3.3Lakhs,4 Lakhs
77	Sivadhanya S	Tata Consultancy Services	3.3Lakhs
78	Sivasankar C	Sutherland	2.4 Lakhs
79	Sophia Laura A	Cognizant	4 Lakhs
80	Subashree K	Tata Consultancy Services, Cognizant	3.3Lakhs,4 Lakhs
81	Sumaiya Begam B	Tata Consultancy Services	3.3Lakhs
82	Sundarabharathy R	Accenture	4.5Lakhs
83	Swaaty S	Cognizant	4 Lakhs
84	Swathi K	Wipro	3.5 Lakhs
85	Thillai Ganapathy S	Cognizant	4 Lakhs
86	Venkatasubramanian R	Tata Consultancy Services	3.3Lakhs

87	Vigneshwaran S	Sutherland	2.4 Lakhs
88	Vijayakumar B	Tata Consultancy Services	3.3Lakhs
89	Yokesh K	Cognizant	4 Lakhs
90	Prasanna Kumar V	Wipro	3.5 Lakhs
91	Gomathi M	Tata Consultancy Services	3.3Lakhs
92	Keerthivass D	HCL Technologies Ltd	3.6Lakhs
93	Kumaran	Tata Consultancy Services	3.3Lakhs
94	Anandaraj A	Wipro	3.5 Lakhs
95	Abarna B	Cognizant	4 Lakhs
96	Abenayaa S S	Cognizant	4 Lakhs
97	Aishwarya Lakshmi P	Cognizant	4 Lakhs
98	Aravindan J	Cognizant	4 Lakhs
99	Aravindan K	Cognizant	4 Lakhs
100	Aravindhaswamy. L	Cognizant	4 Lakhs
101	Arthi. V	Cognizant	4 Lakhs
102	Arunmathi A	Cognizant	4 Lakhs
103	Arvind K	Cognizant	4 Lakhs
104	Bhavani.S	Cognizant	4 Lakhs
105	Challa.Durga Prasad	Cognizant	4 Lakhs
106	Chandrakumaran	Cognizant	4 Lakhs
107	Chandru	Cognizant	4 Lakhs
108	Charumathi M	Cognizant	4 Lakhs
109	Daniel Alex I	Cognizant	4 Lakhs
110	Dayana V	Cognizant	4 Lakhs
111	Deepak B	Accenture	4.5Lakhs
112	Dharani Daran T	Accenture	4.5Lakhs
113	Dhivakar R	Accenture	4.5Lakhs
114	Dinakaran K	Accenture	4.5Lakhs
115	Dinesh D (30/04/2000)	Accenture	4.5Lakhs
116	Ezhilarasan C	Accenture	4.5Lakhs
117	Gautham G	Accenture	4.5Lakhs
118	Gayathri R	Accenture	4.5Lakhs
119	Gomathi M	Accenture	4.5Lakhs
120	Hari Haran R	Accenture	4.5Lakhs
121	Harishkumaar S	Accenture	4.5Lakhs
122	Harishwaran T	Accenture	4.5Lakhs
123	Hemalatha M	Accenture	4.5Lakhs
124	Hemapriya R	Accenture	4.5Lakhs
125	Hemchandran K	Accenture	4.5Lakhs
126	Heramachandiran K	Accenture	4.5Lakhs
127	Janarthanan I	HCL Technologies Ltd	3.5 Lakhs
128	Jayalakshmi J	HCL Technologies Ltd	3.5 Lakhs
129	Jeevalakshmi M	HCL Technologies Ltd	3.5 Lakhs
130	Joshiba C	HCL Technologies Ltd	3.5 Lakhs
131	Kalaimathy G	HCL Technologies Ltd	3.5 Lakhs
132	Kamali K	HCL Technologies Ltd	3.5 Lakhs
133	Karthikeyan M	HCL Technologies Ltd	3.5 Lakhs

134	Kavya.S	HCL Technologies Ltd	3.5 Lakhs
135	Keerthana G	HCL Technologies Ltd	3.5 Lakhs
136	Keerthana S	HCL Technologies Ltd	3.5 Lakhs
137	Kinthada Pavan Kalyan	HCL Technologies Ltd	3.5 Lakhs
138	Krishnan S	HCL Technologies Ltd	3.5 Lakhs
139	Kumaran S	HCL Technologies Ltd	3.5 Lakhs
140	Lanka Bhanu Prakash	HCL Technologies Ltd	3.5 Lakhs
141	Maheshwari B	HCL Technologies Ltd	3.5 Lakhs
142	Manikandan A	HCL Technologies Ltd	3.5 Lakhs
143	Naveen K	Tata Consultancy Services	3.3Lakhs
144	Nivetha A	Tata Consultancy Services	3.3Lakhs
145	Patrick Vishwa A	Tata Consultancy Services	3.3Lakhs
146	Pavithra M	Tata Consultancy Services	3.3Lakhs
147	Pragathi R	Tata Consultancy Services	3.3Lakhs
148	Praveen P	Tata Consultancy Services	3.3Lakhs
149	Premkumar P	Tata Consultancy Services	3.3Lakhs
150	Priya I	Tata Consultancy Services	3.3Lakhs
151	Priyadharshini E	Tata Consultancy Services	3.3Lakhs
152	Punith Kumar S	Tata Consultancy Services	3.3Lakhs
153	Rajasekhar V	Tata Consultancy Services	3.3Lakhs
154	Rubiya Fathima S	Tata Consultancy Services	3.3Lakhs
155	Gopi.V.P	Tata Consultancy Services	3.3Lakhs
156	Ramya.K	Tata Consultancy Services	3.3Lakhs
157	Sachin S	Cognizant	4 Lakhs
158	Sakthipriya.KA	Cognizant	4 Lakhs
159	Shalini M	Cognizant	4 Lakhs
160	Sheerin A	Cognizant	4 Lakhs
161	Sreeram R	Accenture	4.5Lakhs
162	Sujitha.S	Accenture	4.5Lakhs
163	Sunanthaa. V	Accenture	4.5Lakhs
164	Suriya R	Accenture	4.5Lakhs
165	Suriya S	HCL Technologies Ltd	3.5 Lakhs
166	Suvedha A	HCL Technologies Ltd	3.5 Lakhs
167	Suvedha. R.V.	HCL Technologies Ltd	3.5 Lakhs
168	Swedha.V	HCL Technologies Ltd	3.5 Lakhs
169	Udhayaprabhakhare R	Tata Consultancy Services	3.3Lakhs
170	Vijayasankar. I	Tata Consultancy Services	3.3Lakhs
171	Vinothkumar V	Tata Consultancy Services	3.3Lakhs
172	Vishnou Maheshwar T	Tata Consultancy Services	3.3Lakhs
173	Vishvaja U	Tata Consultancy Services	3.3Lakhs
174	Anbu B	Tata Consultancy Services	3.3Lakhs
175	Anthony J	Tata Consultancy Services	3.3Lakhs
176	Aravindh R	Tata Consultancy Services	3.3Lakhs

7.2 Higher Studies

S.No	Name of the Student	Name of the Institution	Name of Program admitted to
1	R.Dhanush	Sri Manakula Vinayagar Engineering College, Puducherry	M.Tech-VLSI &ES
2	C.Sivanandham	Pondicherry University Puducherry	M.Tech- Green Energy Technology

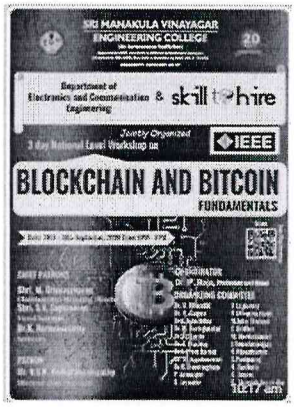
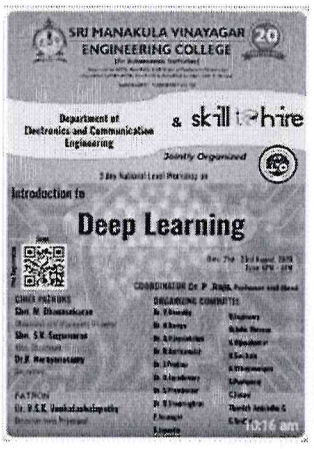
3	R.Sandhya	Pondicherry University Puducherry	M.Tech-ECE
4	Madhumitaa Bharani Dharan	Technische Universität Dresden	Nano Electronic Systems
5	V.Dhiyagarajan	Pondicherry University Puducherry	M.B.A(Banking Technology)
6	M.Nisshanth	Humber College Institute of Technology	Program Management
7	A.Velavan	Humber College Institute of Technology	Program Management
8	R.Sharmadhi	Sastra Deemed to be University	M.Tech-Artificial Intelligence
9	M.Hemamalini	Sastra Deemed to be University	M.Tech-Cyber Security
10	Ambarish	Pondicherry University Puducherry	M.Tech-Network & Information Security
11	C.Ezhilarasi	Pondicherry Engineering College,Puducherry	M.Tech - Electronics and Communication Engineering
12	J.Akshaya	Jansons School of Business,Coimbatore	MBA
13	Sabnan Dalai	Pondicherry University,Puducherry	MBA

7.3 Entrepreneur (2020 passed out)

S.No	Name of the Student	Name of the Company	Nature of Company	Location / Address
1	Mr.S.Krishnakumar	Support Studio Technologies,Puducerry	Information Technology & Services	Akshaya Plaza, 192, Kamaraj Salai, Pillaithottam, New Saram, Puducherry, 605013
2	Mr.Swaminathan	Richi Info	SERVER/Network, CCTV Solutions, LAPTOP Services	No.45 Kamaraj salai, Pondicherry-605011

SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT

8.1 Technical Event / Workshop for Student

S.No	Name of the Event / Workshop	Organized under(Department / Student Association/ Profession Chapter / Student Club)	Date of Event	Level (State / National / International)	No. of Participants
1	Workshop	Department of Electronic and communication Engineering	19.02.2021 to 23.02.2021	Department Level	**210 Participants**
2	3 days National Level Workshop on Blockchain and Bitcoin	Department of Electronic and communication Engineering & skill to hire jointly Organized (IEEE)	26.09.2020 to 28.09.2020	National Level	**175 Participants** 
3	Three days National Level Workshop on Introduction to Deep Learning	Department of Electronic and communication Engineering & skill to hire jointly Organized (ISTE)	21.08.2020 to 23.08.2020	National Level	**155 participants** 

4	3 days online training	Department of Electronic and communication Engineering & skill to hire jointly Organized	10.08.2020 to 12.08.2020	National Level	**165 Participants**

8.2 FDP /Workshop / STTP / Conference for Faculty

1	Introduction to IoT and Arduino	Department	10.08.2020 to 12.08.2020	National	48
2	Introduction to Deep Learning	Department	21.08.2020 to 23.08.2020	National	48
3	Python Programming	Department	8.02.2021 to 13.02.2021	National	35
4	Embedded system using Arduino	Department	8.02.2021 to 13.02.2021	National	36
5	Data Science using R	Department	04.02.2021 to 09.01.2021	National	37
6	IOT	Department	04.02.2021 to 09.01.2021	National	35
7	Guest Lecture on CO PO Mapping	Department	05.06.2020	National	21
8	Latest technological challenges and Opportunities in Industrial Automation	Department	11.05.2020	National	21
9	Online Webinar Series	Department	25.05.2020 to 29.05.2020	National	20

SECTION – IX: ACHIEVEMENTS

9.1 Awards and Prizes Received by Students

S.No	Name of the Student	Event Name / Details	Organized by	Achievement / Position / Prizes
2020 - 2021				
1	MuraliSriram.B	Presented a video on the topic "Water Conversation - Significance and Implementation"	Pondicherry Engineering College	Winner& cash prize of Rs. 5,000
2	Abirami.S Harine R Pavithra.M	Presented a video on the topic "Cyber –Crimes and Women related Threats in Social Media and Remedies"	Pondicherry Engineering College	Winner& cash prize of Rs. 5,000

3	Arvind.K Balamurali.M Harini.G Jasmine.A Pavithran.T	The team SUPERSONIC won runner up title for their contribution in the sub theme "Literacy" under the overall theme "Women Empowerment"	All India Council For Technical Education	Runner & cash prize of Rs. 50,000
4	Badhri Narayanan S	The Institution of Engineers short listed 8 students from Department of Electronics and Communication Engineering, Sri Manakula Vinayagar Engineering College and Awarded with medals under various categories	Institution of Engineer, Society for Aerospace and Mechanical Professionals, Institution of Electronics and Tele communication , ISTE, Adhiyamaan College of Engineering	Best Leadership Award
5	Balamurali M	The Institution of Engineers short listed 8 students from Department of Electronics 6and Communication E7ngineering, Sri Manakula Vinayagar Engineering College and Awarded with medals under various categories	Institution of Engineer, Society for Aerospace and Mechanical Professionals, Institution of Electronics and Tele communication , ISTE, Adhiyamaan College of Engineering	Best Leadership Award
6	Diwakaran S M	The Institution of Engineers short listed 8 students from Department of Electronics and Communication Engineering, Sri Manakula Vinayagar Engineering College and Awarded with medals under various categories	Institution of Engineer, Society for Aerospace and Mechanical Professionals, Institution of Electronics and Tele communication , ISTE, Adhiyamaan College of Engineering	Best Leadership Award
7	Kishore Kumar S	The Institution of Engineers short listed 8 students from Department of Electronics and Communication Engineering, Sri Manakula Vinayagar Engineering College and Awarded with medals under various categories	Institution of Engineer, Society for Aerospace and Mechanical Professionals, Institution of Electronics and Tele communication , ISTE, Adhiyamaan College of Engineering	Best Student Award

8	ThillaiGanapathy S	The Institution of Engineers short listed 8 students from Department of Electronics and Communication Engineering, Sri Manakula Vinayagar Engineering College and Awarded with medals under various categories	Institution of Engineer, Society for Aerospace and Mechanical Professionals, Institution of Electronics and Tele communication , ISTE, Adhiyamaan College of Engineering	Best Student Award
9	Nallamuthu Rahul Chowdary	The Institution of Engineers short listed 8 students from Department of Electronics and Communication Engineering, Sri Manakula Vinayagar Engineering College and Awarded with medals under various categories	Institution of Engineer, Society for Aerospace and Mechanical Professionals, Institution of Electronics and Tele communication , ISTE, Adhiyamaan College of Engineering	Best Academic Performance Award
10	SakthiKumaranD	The Institution of Engineers short listed 8 students from Department of Electronics and Communication Engineering, Sri Manakula Vinayagar Engineering College and Awarded with medals under various categories	Institution of Engineer, Society for Aerospace and Mechanical Professionals, Institution of Electronics and Tele communication , ISTE, Adhiyamaan College of Engineering	Best Project Award
11	Sinekavi.B	The Institution of Engineers short listed 8 students from Department of Electronics and Communication Engineering, Sri Manakula Vinayagar Engineering College and Awarded with medals under various categories	Institution of Engineer, Society for Aerospace and Mechanical Professionals, Institution of Electronics and Tele communication , ISTE, Adhiyamaan College of Engineering	Best Project Award

9.2 Participation of teachers in various activities as a Members of Committees at University Level / State Level / National Level / International Level bodies

S.No	Name of the Faculty	Members of Committees at University Level / State Level / National Level / International Level as
1	Dr. P. Raja	BOS Chairman [PG – School of Electronics, Pondicherry University]
2	Dr. P. Raja	BOS Chairman [B. Tech, M. Tech – ECE, SMVEC]
3	Dr. R. Ramya	BOS Member [B. Tech, M. Tech – ECE, SMVEC]

4	Dr. A. Jayachitra	BOS Member [B. Tech – BME, SMVEC]
5	Dr. R. Kurinjimalar	BOS Member [B. Tech, M. Tech – ECE & VLSI Laboratory, SMVEC]
6	Dr. R. Kurinjimalar	Question Paper Setter [Annamalai University]
7	Dr. J. Pradeep	BOS Member [B. Tech, M. Tech – ECE, SMVEC]
9	Dr. S. Prem Kumar	BOS Member [B. Tech – CCE, SMVEC]
10	Dr. D. Jagadiswary	BOS Member [B. Tech, M. Tech – ECE, SMVEC]
11	Dr. S. B. Lenin	BOS Member [B. Tech – BME, SMVEC]
12	Mr. P. Arunagiri	BOS Member [Biomedical Engineering, SMVEC]
13	Mr. P. Arunagiri	Question Paper Setter [Annamalai University]
14	Mrs. N. Jothy	BOS Member [B. Tech – BME, SMVEC]
16	Mrs. V. Logisvary	BOS Member [B. Tech – CCE, SMVEC]
17	Mrs. M. Ramani	BOS Member [B. Tech – BME, SMVEC]
18	Mrs. S. Jayanthi	BOS Member [B. Tech – BME, SMVEC]
19	Mrs. M. Julie Therese	BOS Member [B. Tech – CCE, SMVEC]
20	Mr. C. Sridhar	BOS Member [B. Tech – CCE, SMVEC]
21	Mr. R. Ilayaraja	BOS Member [B. Tech – BME, SMVEC]

9.3 Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers

S.No	Name of the Faculty	Name of Editorial Boards / Conferences
1	Dr. P. Raja	Editorial team [Enpress]
2	Dr. R. Ramya	Reviewer [Wireless Personal Communication]
3	Dr. R. Kurinjimalar	Reviewer [ICSSS 2020]
4	Dr. R. Kurinjimalar	Reviewer [WCMC]
5	Dr. J. Pradeep	Reviewer [WCMC]
6	Dr. S. Prem Kumar	Reviewer [Journal of Mobile Communication]
7	Dr. B. Shanmugam	Reviewer [Journal of Mobile Communication]
8	Mr. P. Arunagiri	Reviewer [WCMC]

9.4 Awards / Prizes and Recognitions received by teachers at University, State, National and International Level

S.No	Name of the Faculty	Name of Awards / Recognition
1	Dr. R. Ramya	Best Paper Award [RMK college of Engineering and Technology]
2	Mrs. S. Jayanthi	NPTEL Discipline Star

9.5 Details of Faculty participated in Refresher Courses, Orientation Courses, Seminars, Workshops, Conferences at National and International Level

1	Mrs. M. Julie Therese	Electric Vehicles	IFET College of Engineering, Tamil Nadu	30.11.2020 04.12.2020 (5 days)
2	Dr. R. Ramya	IoT powered solutions for Healthcare Innovations	KCG College of Technology, Chennai.	30.11.2020 05.12.2020 (6 days)
3	Dr. S. Premkumar	Biomedical Instrumentation	University B D T College of Engineering Davanagere	7.12.2020 – 11.12.2020 (5 days)
4	Mr. M. Harikrishnan	Sensors Technology	Thiagarajar Polytechnic College, Tamil Nadu.	7.12.2020 – 11.12.2020 (5 days)

5	Dr. S. B. Lenin	Artificial Intelligence and 5G Communication Technology	Poornima College of Engineering, Jaipur	7.12.2020 – 12.12.2020 (6 days)
6	Dr. A. Jayachitra	Artificial Intelligence and 5G Communication Technology	Poornima College of Engineering, Jaipur	7.12.2020 – 12.12.2020 (6 days)
7	Dr.J.Pradeep	Artificial Intelligence and 5G Communication Technology	Poornima College of Engineering, Jaipur	7.12.2020 – 12.12.2020 (6 days)
8	Mr. J. Soundarajan	Artificial Intelligence and 5G Communication Technology	Poornima College of Engineering, Jaipur	7.12.2020 – 12.12.2020 (6 days)
9	Mr. C. Sridhar	Artificial Intelligence and 5G Communication Technology	Poornima College of Engineering, Jaipur	7.12.2020 – 12.12.2020 (6 days)
10	Mrs. M. Julie Therese	Research Methodology	IIIT Dharwad	7.12.2020 – 11.12.2020 (5 days)
11	Mrs. K. Kavitha	Artificial Intelligence	Sri Sairam Engineering College	7.12.2020 – 11.12.2020 (5 days)
12	Dr. R. Ramya	Recent Trends in VLSI Design, Signal Processing & Optimization based on EDA tools	Vaagdevi College of Engineering, Hyderabad	7.12.2020 – 19.12.2020 (12 days)
13	Dr. B.Shanmugham	Wearable Devices	National Institute of Technology Jamshedpur	14.12.2020 18.12.2020 (5 days)
14	Mr. S. Pushparaj	Artificial Intelligence	ABES Engineering College.	14.12.2020 – 18.12.2020 (5 days)
15	Mrs. V. Logisvary	Recent Advances in Nano-Photonics Technology (RANPT 2020)	Swami Keshvanand Institute of Technology, Management &Gramothan, Jaipur	14.12.2020 19.12.2020 (6 days)
16	Mr. S. Pushparaj	Recent Advances in Nano-Photonics Technology (RANPT 2020)	Swami Keshvanand Institute of Technology, Management &Gramothan, Jaipur	14.12.2020 19.12.2020 (6 days)
17	Mr. M. Harikrishnan	Technical Trends on IoT, Data Science & Artificial Intelligence	P.S.R Engineering College, Sivakasi, Tamil Nadu	14.12.2020 28.12.2020 (12 days)

18	Mr. S. Pushparaj	Internet of Things (IoT)	National Institute of Technology Puducherry	26.12.2020 30.12.2020 (5 days)
19	Mr. M. Harikrishnan	Emerging Trends in Micro/Nano sensor and actuators for Industrial application	Sri Manakula Vinayagar Engineering College, Puducherry	26.12.2020 02.01.2021 (6 days)
20	Dr. B. Shanmugham	Immersive Virtual Reality	S R Engineering College	04.01.2021 08.01.2021 (5 days)
21	Mrs. S. Jayanthi	Immersive Virtual Reality	S R Engineering College	04.01.2021 – 08.01.2021 (5 days)
22	Dr. S. B. Lenin	Wearable Devices	Vignan Institute of Technology and Science	04.01.2021 – 08.01.2021 (5 days)
23	Mr. M. Rajaparthiban	Robotics	Vidya Academy of Science and Technology	11.01.2021 – 15.01.2021 (5 days)
24	Dr. S. B. Lenin	Smart Cities	Acharya Institute of Technology	18.01.2021 – 22.01.2021 (5 days)
25	Mr. M. Rajaparthiban	Augmented Reality (AR) / Virtual Reality (VR)	Sardhar Vallabhbhai National Institute of Technology, Surat	18.01.2021 – 22.01.2021 (5 days)
26	Mrs. K. Kavitha	Internet of Things (IoT)	Siksha O Anusandhan	21.01.2021 – 25.01.2021 (5 days)
27	Mr. K. Vinoth	Internet of Things (IoT)	Siksha O Anusandhan	21.01.2021 – 25.01.2021 (5 days)
28	Dr. S. B. Lenin	Leadership & Excellence	National Institute of Technology	23.01.2021 – 27.01.2021 (5 days)
29	Mr. S. Ganesan	Electric Vehicles	National Institute of Technology Calicut	25.01.2021 – 29.01.2021 (5 days)
30	Dr. R. Kurinjimalar	Orientation Training Program for Mentors	National Initiative for Technical Teachers Training	09.02.2021 – 13.02.2021 (5 days)

31	Mr. R. Kalaiyarasan	Deep Learning and Cyber Security – Phase II	Madanapalle Institute of Technology & Science, Andhra Pradesh	05.04.2021 – 10.04.2021 (6 days)
32	Mr. R. Kalaiyarasan	Artificial Intelligence and 5G Communication Technology	Poornima College of Engineering, Jaipur	26.04.2021 – 01.05.2021 (6 Days)
33	Mr. R. Kalaiyarasan	Deep Learning and Cyber Security – Phase III	Madanapalle Institute of Technology & Science, Andhra Pradesh	17.05.2021 – 22.05.2021 (6 days)

Declaration by HoD

I am aware that the above information provided by the department will be validated by the Academic and Administrative Audit (AAA) committee during the visit.

Head of the Department

Recommendations:

Section	Remarks
Curricular Aspects	Completion of syllabus was on time and additional Hours are allocated for numerical subjects so that the career is concerned.
Teaching, Learning and Evaluation	Usage of modern tools facilitates Teaching and helps for Timely completion.
Structured Feedback	Feedback mechanism was quite good and is collected through QCM on regular basis.
Research, Innovation and Publications	This year, 38 journals were published, which represents a significant improvement. They have also attended three national conferences and two international conferences. There are four (4) more Book Chapters to account for.
Collaborations and Linkages	Collaborations and Linkages are good. Microchip Technology, Chennai ad established a industry sponsored lab at our Dept.
Student Progression	Internship and event participation had increased significantly.
Activity Conducted / Organized by the Department	Activities are organized in well-defined manner.
Achievements	The team SUPERSONIC won runner up title for their contribution in the theme "Literacy" under "Women Empowerment" ,organized by All India Council For Technical Education and were Runner with a Cash prize of Rs. 50,000.
General Remarks	• 8 Patents are published so far and needs more focus on patenting. • Industrial visit was not arranged due to Covid - 19 Pandemic.

External Audit Experts

M. Karthikeyan

Dr. M. Karthikeyan
Pofessor
Department of Mechanical Engineering
Raja Rajeswari College of Engineering
Mysore Road,
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R. Baskaran

Dr.R.Baskaran
Department of Industrial Engineering,
College of Engineering
Guindy

ACADEMIC AND ADMINISTRATIVE AUDIT

DEPARTMENT OF

COMPUTER SCIENCE AND ENGINEERING

ACADEMIC AND ADMINISTRATIVE AUDIT

(Academic Year 2020-21)

External Audit

SECTION –1: BASIC INFORMATION

Audit Date	18-11-2021	
Name of the Department	COMPUTER SCIENCE AND ENGINEERING	
Year of Establishment	1999	
Programs Offered	Name of the Program: CSE; Approved Intake: 180	
Head of the Department	**Dr. K. PREMKUMAR**	
Number of full time Teachers	Professor	5
	Associate Professor	9
	Assistant Professor	30
Number of Technical Staff	04	
Number of Students	For B.Tech: Year 1: 177; Year 2: 177; Year 3: 172; Year 4: 153; Total: 679	For M.Tech: First Year: 12; Second Year: 1; Total: 13
Faculty Student Ratio	679/41=16.5	13/3=4.3

SECTION –2 :CURRICULAR ASPECTS

2.1 Academic Plan

S.No	Particular	Available (Yes / No)	Remarks
1	Department Academic Calendar	YES	-
2	Faculty Subject Preferences	YES	-
3	Elective choices from the Students	YES	-
4	Course allotment to the Faculty	YES	-
5	Time Table (UG and PG)	YES	-
6	Lesson plan for each Course	YES	-

2.2 Participation of the Faculty in the Curriculum development for courses offered in UG and PG programs

S.No	Name of the Faculty	Participated as	Course	Year / Sem
1.	Dr. K. Premkumar	Curriculum and	Problem Solving Approach;	I/I

		Syllabus Prepared	Game Development using Unity	III/V
2.	Dr.J.Madhusudanan	Curriculum and Syllabus Prepared	Mobile and Pervasive Computing	Elective/MTech
3.	Dr. N. Danapaquiame	Curriculum and Syllabus Prepared	Robotics Process Automation; Pervasive Computing; Quantum Computing	III/V IV/VIII IV/VIII
4.	Dr. E. Kodhai	Curriculum and Syllabus Prepared	Programming in JAVA; IoT and Edge Computing; Software Project Management; Front-End Web Development; Internals of Operating Systems Advances in Compiler Construction User Interface/ User Experience Design	II/IV IV/VII III/V I/II I/II/ MTech Elective/ MTech Elective/ MTech
5.	Mr. M. Ganesan	Curriculum and Syllabus Prepared	Software Engineering and Testing IOT and Edge Computing Agile and Software Project Management Internet of Things Laboratory Data Warehousing and Data Mining	III/V I/II/ MTech I/II/ MTech I/II/ MTech Elective/ MTech
6.	Dr. P. Iyappan	Curriculum and Syllabus Prepared	C; Data Structures; Design and Analysis of Algorithms; Service Oriented Architecture; Analysis of Algorithms Advanced Data Structures and Algorithms, Research Methodology and IPR Advanced Data Structures and Algorithms Laboratory Technical Report Writing & Seminar Service Oriented Architecture	I/II II/III II/IV III/VI II/IV I/I/ MTech I/II/ MTech I/II/ MTech Open Elective I/II/ MTech Elective/ MTech
7.	Mr. P. Karthikeyan	Curriculum and Syllabus Prepared	Database Management Systems; Enterprise Solutions Soft Computing Advances in Database Systems	II/IV III/V Elective/ MTech Elective/ MTech
8.	Mr. M. Shanmugam	Curriculum and Syllabus Prepared	C++, Programming in Python; Automata and Compiler Design; C# and .Net Programming; Data Science and Digital Marketing Analytics; Augmented Reality; Virtual Reality Advanced Java Programming Cognitive Science Game Design and Augmented Reality	II/III I/I III/VI IV/VII III/VI IV/VII Elective/ MTech Elective/ MTech Elective/ MTech
9.	Mr. B. Thiayagarajan	Curriculum and Syllabus Prepared	Micro Electronics and Digital System Design ; Microprocessors &Microcontrollers; Embedded Systems; Trusted Internet Data Visualization & Reports	I/I I/II III/VI Elective/ MTech Elective/ MTech
10.	Dr. V. Vijayakumar	Curriculum and Syllabus Prepared	Handheld Computing: Design and Application Development; Scripting Languages;	III/V II/IV

			Platform Technology Adhoc and Wireless Sensor Networks Web Services and Internet Engineering Quantum Computing Mobile Application Development Social Network Analysis	III/VI I/II/ MTech Elective/ MTech Elective/ MTech Elective/ MTech Elective/ MTech
11.	Mr. S. Kumarakrishnan	Curriculum and Syllabus Prepared	E-Business; Mobile Computing Machine Learning Techniques Ethical Hacking and Digital Forensics	II/IV IV/VIII Elective/ MTech Elective/ MTech
12.	Mrs.C.Kalpana	Curriculum and Syllabus Prepared	Artificial Intelligence and Expert Systems; Web Application Development; Web Development; Artificial Intelligence Artificial Intelligence & Agent Technology Semantic Web and Knowledge Management	III/VI III/V IV/VII I/I/ MTech Elective/ MTech
13.	Mrs.P.Bhavani	Curriculum and Syllabus Prepared	Computer Organization and Architecture; Computer Graphics; Graphics Designing; Assistive Technology Business Intelligence and Reporting	I/II I/II III/V III/VI Elective/ MTech
14.	Ms.J.Kanimozhi	Curriculum and Syllabus Prepared	Operating Systems; Data Communication and Computer Networks; Network Security; Client Server Computing 5G Networks and Applications	III/V III/V IV/VII IV/VIII Elective/ MTech
15.	Mr.N.Gopinath	Curriculum and Syllabus Prepared	Cloud Computing and Big Data; Block chain and Cryptography; Cloud Technology and its Applications; Cyber Security and Digital Forensics; Animation and Visual Effects Cloud and Big Data Analytics Cryptography & Information Security Data Compression Real-Time Systems	III/VI IV/VIII IV/VII IV/VIII III/VI I/I/ MTech Elective/ MTech Elective/ MTech Elective/ MTech
16.	Dr.V.Vijayalakshmi	Curriculum and Syllabus Prepared	Agile Development; Haptic Computing; Deep Learning; Bio Inspired Computing Data Storage Technologies & Networks	III/VI IV/VII IV/VIII Elective/ MTech Elective/ MTech
17.	Mr.A.Prakash	Curriculum and Syllabus Prepared	Fundamentals of Programming Languages; Functional Programming; Robotics	II/IV III/V IV/VII Elective/ MTech Elective/ MTech

			Design of Embedded Systems Block Chain and Crypto currency	
18.	Mr.N.Balaji	Curriculum and Syllabus Prepared	Data Mining and Warehousing; Database Administration	IV/VII II/IV
19.	Mr.Arokiaraj Christian	Curriculum and Syllabus Prepared	Object Oriented Analysis And Design; Trust Computing; Human Computer Interaction	II/IV IV/VIII IV/VIII
20.	Ms.V. Swathilakshmi	Curriculum and Syllabus Prepared	Ethical Hacking; Natural Language Processing	IV/VIII IV/VIII
21.	Mr.N.Rajesh	Curriculum and Syllabus Prepared	Robotic Process Automation(RPA)	Elective/ MTech

2.3 List of Professional Elective Courses offered by the department

S.No	Year / Sem	Name of the Elective Course	Course Code	Number of Students Registered
1.	II/IV	Database Administration	U19CSE401	-
2.	II/IV	E-Business	U19CSE402	117
3.	II/IV	Object Oriented Analysis And Design	U19CSE403	60
4.	II/IV	Scripting Languages	U19CSE404	-
5.	II/IV	Fundamentals of Programming Languages	U19CSE405	-
6.	III/VI	Object Oriented Analysis And Design	CS E61	172
7.	III/VI	Network Design and Management	CS E62	-
8.	III/VI	E-Business	CS E63	172
9.	III/VI	Principles of Programming Languages	CS E64	-
10.	III/VI	Information Theory and Coding Techniques	CS E65	-
11.	III/VI	Language Technologies	CS E66	-
12.	III/VI	Unix Internals	CS E67	-
13.	III/VI	Data Mining and Warehousing	CS E68	-
14.	III/VI	SOA and Web Services	CS E69	-
15.	III/VI	Distributed Computing	CS E610	-
16.	III/VI	Agile Methodologies	CS E611	-
17.	III/VI	Application Outsourcing Services	CS E612	-
18.	IV/VII	Software Testing and Quality Assurance	CS E71	153
19.	IV/VII	Advanced Databases	CS E72	-
20.	IV/VII	Client Server Computing	CS E73	-
21.	IV/VII	Real Time Computing and Communication	CS E74	-
22.	IV/VII	Software Architecture	CS E75	-
23.	IV/VII	High Speed Networks	CS E76	-
24.	IV/VII	Network Protocols	CS E77	-
25.	IV/VII	Modeling and Simulation	CS E78	-

26.	IV/VII	Business Process Domains	CS E79	-
27.	IV/VII	Software Project Management	CS E710	-
28.	IV/VII	Natural Language Processing	CS E711	-
29.	IV/VII	Optical Networks	CS E712	-
30.	IV/VIII	Intelligent Information Retrieval	CS E81	-
31.	IV/VIII	Soft Computing	CS E81	-
32.	IV/VIII	Bio Inspired Computing	CS E81	-
33.	IV/VIII	Mobile Computing	CS E81	153
34.	IV/VIII	Grid Computing	CS E81	-
35.	IV/VIII	Agent Technologies	CS E81	-
36.	IV/VIII	Bio Informatics	CS E81	-
37.	IV/VIII	High Performance Computing	CS E81	-
38.	IV/VIII	Wireless Communication Networks	CS E81	-
39.	IV/VIII	Big Data Management	CS E81	-
40.	IV/VIII	Cloud Computing	CS E81	153
41.	IV/VIII	Mobile Application Development	CS E81	-

2.4 List of Open Elective Courses offered by Other department

S.No	Year / Sem	Offering Department	Name of the Elective Course	Course Code	Number of Students Registered
1.	II/IV	EEE	Electrical Safety	U19EEO42	117
2.	II/IV	ECE	Consumer Electronics	U19ECO42	60
3.	II/IV	ICE	Sensors and Transducers	U19ICO41	-
4.	II/IV	ICE	Control System Engineering	U19ICO42	-
5.	II/IV	BME	Medical Electronics	U19BMO41	-
6.	II/IV	BME	Telemedicine	U19BMO42	-
7.	II/IV	CCE	Introduction to Communication Systems	U19CCO42	-
8.	II/IV	AI&DS	Knowledge Representation and Reasoning	U20ADO401	-
9.	II/IV	AI&DS	Introduction to Data Science	U20ADO402	-

2.5 List of Skill Development Courses offered by the department

S.No	Year / Sem	Name of the Skill Development Course	Course Code	Number of Students Registered
1.	I/II	Skill Development Course 1 :Demonstration of Workshop Practices	U20CSS201	177
2.	II/III	Skill Development Course 1: General Proficiency - I	U19CSS31	177
3.	II/III	Skill Development Course 2 * 1) Computer Assembly and Troubleshooting 2) Aptitude – I 3) Electronic Devices and Circuits	U19CSS32	177

4.	II/IV	Skill Development Course 3: General Proficiency - II	U19CSS41	177
5.	II/IV	Skill Development Course 4 * 1) Exploring Photoshop 2) Aptitude – II 3) Office Automation	U19CSS42	177

2.6 List of Certification Courses offered by the department

S.No	Year / Sem	Name of the Certification Course	Course Code	Number of Students Registered
1.	I/II	Web Programming – I	U20CSCX90	177

2.7 List of Mandatory Courses offered by the department

S.No	Year / Sem	Name of the Mandatory Course	Course Code	Number of Students Registered
1.	I/I	Induction Program	U20CSM101	177
2.	I/II	Environmental Science	U20CSM202	177
3.	II/III	Physical Education	U20CSM303	177
4.	II/IV	NSS	U20CSM404	177

SECTION –3: TEACHING, LEARNING AND EVALUATION

3.1 Course Delivery

Semester: (JUNE 2020- NOV 2020) & (Dec 2020-May 2021)

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
JUNE 2020- NOV 2020					
I YEAR					
1.	Engineering Mathematics – I	Ms.Dheebia	60	48	50
2.	Introduction To Engineering: Distinction, Principles And Application	Mr.Arokiaraj Christian St.Hubert Ms.J.Kowsalya Mr.Arokiaraj Christian St.Hubert	60	46	48
3.	Microelectronics And Digital System Design	Mr.K.Vinoth Mr.S.Kalaiarasan Mrs.K.Kavitha	60	46	48
4.	Problem Solving Approach	Mrs.S.Kalaivani Mr.A.Saravanaraj Mr.R.Swaminathan	60	48	50
5.	Programming In Python	Mrs.P.R.Jayanthi Mr.D.Rajesh Ms.A.Cauvery	60	46	48
Practical					
6	Microelectronics And Digital System Design Laboratory	Mr.K.Vinoth Mr.S.Kalaiarasan Mrs.K.Kavitha	30	24	26
7	Programming In Python Laboratory	Mrs.P.R.Jayanthi Mr.D.Rajesh	30	24	26

		Ms.A.Cauvery			
8	Engineering Graphics Using Auto Cad Laboratory	Mr.S.Jagan Dr.L.Saravanan Mr. A.Giriprasath	30	24	26
II YEAR					
1	NumericalMethods	Mr.K.Raja	60	48	50
2	Data Structures	Dr.P.Iyappan Mr.M.Ganesan Dr.A.Swaminathan	60	46	48
3	Digital Design and Microprocessors	Mr.N.Gopinath Mr.B.Thiyagarajan Mr.R.Rajadurai	60	48	50
4	Automata and compiler design	Ms.V.Nivedha Dr.P.Iyappan Ms.V.Nivedha	60	48	50
5	Operating Systems	Mr.R.Swaminathan Mr.N.Balaji Dr.T.Amalraj Victorie	60	48	50
6	Data Communications and computer networks	Dr.A.Swaminathan Ms.V.Nivedha Mrs.K.Kavitha	60	48	50
PRACTICAL					
7	Numerical Methods Laboratory	Mr.K.Raja	30	24	26
8	Data Structures Laboratory	Mr.M.Ganesan Dr.P.Iyappan	30	24	26
9	Digital Design and Microprocessors Laboratory	Mr.B.Thiyagarajan Mr.N.Gopinath	30	24	26
10	Linux Internals Laboratory	Mr.N.Balaji Mrs.J.Kanimozhi	30	24	26
Employability Enhancement Course					
11	Certification Course-I	Mr.N.Gopinath Mr.A.Prakash Mr.M.Ganesan	30	24	26
12	Skill Development course 1: General Proficiency -I	Ms.A.Sughanya	15	14	15
13	Skill Development course 2:	Mr.M.Ganesan	15	15	20
Mandatory Course					
14	Physical Education	Mr.B.R.Venkadesh			
III YEAR					
1.	Operating Systems	Ms.S.Nithiya Mrs.V.Gomathi Mr.N.Balaji	60	46	48
2	Computer networks	Ms.J.Kanimozhi Mrs.P.Bhavani Mr.K.M.Sabarivelan	60	46	48
3	Database management systems	Mr.P.Karthikeyan Mr.A.Prakash Dr.V.Vijayalakshmi	60	50	51
4	Language translators	Dr.T.Megala Mrs.V.Gomathi Mrs.A.Gnanasundari	60	48	50
5	Software engineering	Mrs.A.Gnanasundari Dr.T.Megala Ms.S.Nithiya	60	48	50
PRACTICAL					
6	Operating Systems Laboratory	Ms.S.Nithiya Mrs.V.Gomathi	30	48	50

		Mr.N.Balaji			
7	Computer Networks Laboratory	Ms.J.Kanimozhi Mrs.P.Bhavani Mr.K.M.Sabarivelan	30	24	26
8	Database Management System Laboratory	Mr.P.Karthikeyan Mr.A.Prakash Dr.V.Vijayalakshmi	30	24	26
9	General Proficiency – I	Ms.R.Sughanya	15	14	15
	IV YEAR				
1	Artificial intelligence	Dr.N.Danapaquiame Mr.S.Kumarakrishnan Mrs.C.Kalpana	60	48	50
2	Computer hardware & network trouble shooting	Dr.K.Premkumar Dr.A.Ramalingam Dr.J.Madhusudhanan	60	46	50
3	Platform technology	Dr.V.Vijayakumar Mr.M.Shanmugham Dr.E.Kodhai	60	46	48
4	Elec :III : Software testing & quality assurance	Ms.S.Nithiya Mrs.V.Gomathi Ms.A.Cauvery	60	48	46
	PRACTICAL				
5	Artificial Intelligence Laboratory	Dr.N.Danapaquiame Mr.S.Kumarakrishnan Mrs.C.Kalpana	30	24	26
6	Troubleshooting Laboratory	Dr.K.Premkumar Dr.A.Ramalingam Dr.J.Madhusudhanan	30	24	26
7	Platform Technology Laboratory	Dr.V.Vijayakumar Mr.M.Shanmugham Dr.E.Kodhai	30	24	26
8	Project Work – Phase I	Dr.N.Danapaquiame Dr.T.Meghala Dr.E.Kodhai	30	26	26
	PG (M.TECH)- I Year				
1	Mathematical Foundation of Formal Approach	Mr.K.Raja	45	45	48
2	Advanced Data Structures and Algorithms	Mrs.P.R.Jayanthi	45	45	48
3	Cloud and Big Data Analytics	Dr.J.Madhusudanan	45	45	48
4	Artificial Intelligence & Agent Technology	Dr.V.Vijayalakshmi	45	48	48
5	Research Methodology and IPR	Ms.J.Kowsalya	45	48	46
6	Professional Elective - I - RPA	Mrs.K.Kavitha	45	45	48
	PRACTICAL				
8	Advanced Data Structures and Algorithms Laboratory	Mrs.P.R.Jayanthi	24	24	26
9	Technical Report Writing and Seminar	Mr.N.Gopinath	24	24	26

	(DEC 2020- MAY 2021)				
	I YEAR				
1	Engineering Mathematics II	Ms.D.Dheebia	60	48	46
2	Programming in C	Mr.A.Saravanaraj Mr.D.Rajesh Mr.A.Saravanaraj	60	48	46
3	Microprocessors and Microcontrollers	Mrs.S.Kalaivani Mr.R.Rajadurai Mrs.S.Kalaivani	60	48	46
4	Front End Web Development	Mrs.P.R.Jayanthy Mrs.P.R.Jayanthy Ms.S.Nithiya	60	48	46
5	Computer Organization and	Mr.P.Dinesh	60	48	50

	Architecture	Mr.R.Rajadurai Mr.P.Dinesh			
6	Computer Graphics	Dr.A.Swaminathan Dr.T.Meghala Mr.Arokiaraj Christian St.Hubert	60	48	46
PRACTICAL					
7	Programming in C	Mr.A.Saravanaraj Mr.D.Rajesh Mr.A.Saravanaraj	30	28	26
8	Microprocessors and Microcontrollers	Mrs.S.Kalaivani Mr.R.Rajadurai Mrs.S.Kalaivani	30	24	26
9	Front End Web Development	Mrs.P.R.Jayanthy Mrs.P.R.Jayanthy Ms.S.Nithiya	30	24	26
10	Environmental Science		15	14	15
11	Skill Development course I-Demonstration of Workshop Practice	Mrs.P.R.Jayanthy Mr.D.Rajesh Mr.Arokiaraj Christian St.Hubert	15	14	15
II YEAR					
1	Discrete Mathematics & Graph Theory	Mr.K.Raja	60	48	46
2	Programming in JAVA	Mr.Arokiaraj Christian St.Hubert Mr.N.Balaji Ms.V.Swathilakshmi	60	48	46
3	Database Management Systems	Mr.N.Gopinath Mr.A.Praksash Mr.P.Karthikeyan	60	48	46
4	Design and Analysis of Algorithms	Mr.S.Kumarakrishnan Dr.P.Iyappan Dr.J.Madhusudhanan	60	48	46
5	Professional Elective-1	Mr.B.Thiyagarajan Mrs.K.Kavitha Ms.V.Nivedha	60	48	50
6	Open Elective-1		60	46	48
PRACTICAL					
7	Programming in JAVA Laboratory	Mr.Arokiaraj Christian St.Hubert Mr.N.Balaji Ms.V.Swathilakshmi	30	28	26
8	Database Management Systems Lab	Mr.N.Gopinath Mr.A.Praksash Mr.P.Karthikeyan	30	24	26
9	Design and Analysis of Algorithms Lab	Mr.S.Kumarakrishnan Dr.P.Iyappan Dr.J.Madhusudhanan	30	24	26
EMPLOYABILITY ENHANCEMENT COURSE					
10	General Proficiency-II	Dr.A.Ramalingam	15	14	15
11	Photoshop/Aptitude/OA	Mr.M.Ganesan Mr.P.Dinesh	15	14	15
MANDATORY COURSE					
12	Indian Constitution	Mr.M.Shanmugam Mrs.P.Bhavani	15	14	15
III YEAR					
1	Enterprise solutions	Dr.N.Danapaquiame Mrs.P.Bhavani Mrs.C.Kalpana	60	48	**46**
2	Embedded systems	Mr.R.Swaminathan	60	46	**48**

		Dr.T.Megala Mrs.J.Kanimozhi			
3	Web technology	Dr.E.Kodhai Mr.D.Rajesh Dr.V.Vijayakumar	60	48	**46**
4	Object oriented analysis and design	Mr.M.Ganesan Mrs.P.Bhavani	60	48	**48**
5	E-business	Mr.P.Karthikeyan Mr.S.Kumarakrishnan	60	46	**48**
		PRACTICAL			
6	Enterprise Solutions Laboratory	Dr.N.Danapaquiame Mrs.P.Bhavani Mrs.C.Kalpana	30	24	**26**
7	Embedded Systems Laboratory	Mr.R.Swaminathan Dr.T.Megala Mrs.J.Kanimozhi	30	24	**26**
8	Web Technology Laboratory	Dr.E.Kodhai Mr.D.Rajesh Dr.V.Vijayakumar	30	24	**26**
9	Industrial Visits/Training	Mr.P.Karthikeyan Mrs.P.Bhavani Mr.S.Kumarakrishnan	-	-	-
10	General Proficiency - II	Dr.Jaichitra	15	14	15
		IV YEAR			
1	Professional Ethics		15	14	15
2	Engineering economics & management	Mrs.Visalatchi	60	45	46
3	Information security	Mr.P.Dinesh Mr.M.Shanmugam Dr.A.Ramalingam	60	45	46
4	Elective – iv: Mobile computing	Mr.M.Ganesan Ms.V.Nivedha Dr.K.Premkumar	60	45	47
5	Elective-v: Cloud computing	Dr.T.Amalraj victorie Mrs.J.Kowsalya Mr.B.Thiyagarajan	60	45	48
		PRACTICAL			
6	Seminar	Mr.N.Gopinath	30	22	22
7	Comprehensive Viva-Voce	Dr.T.Amalraj victorie Dr.J.Madhusudhanan Mr.N.Gopinath	30	24	22
8	Projects Work – Phase II	Dr.K.Premkumar Dr.N.Danapaquiame Dr.E.Kodhai	30	24	22
		PG (M.TECH- I YEAR – II SEM)			
1	IOT and Edge Computing(IOT)	Ms.R.Bagialakshmi	45	45	48
2	Adhoc and wireless sensor Networks(AWSN)	Mr.A.Prakash	45	45	48
3	Internals of Operating Systems(IOS)	Mr.A.Saravanaraj	45	45	48
4	Agile and Software Project Management(ASPM)	Dr.P.Iyappan	45	48	48
5	Professional Elective-II	Mrs.A.Cauvery	45	48	46
6	Professional Elective-III	Mr.M.Sabarivelan	45	45	48
7	IOT Laboratory	Ms.R.Bagialakshmi	30	30	28

ITO

8	Seminar on ICT- Hands on Approach	Dr.P.Iyappan	15	14	15
9	Audit Course-II	Mr.A.Prakash	15	14	15

3.2 Use of ICT Tools in Teaching Learning

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Dr.K.Premkumar	Data Structures	Projector / Black Board
2	Mrs.P.Bhavani	Computer organization and architecture	Projector / Black Board
3	Ms.J.Kanimozhi	Computer Networks	Projector / Black Board
4	Dr.V.Vijayalakshmi	Artificial Intelligence	Projector / Black Board
5	Mr.P.Karthikeyan	Database management systems	Projector / Black Board
6	Dr.V.Vijayakumar	Platform technology	Projector / Black Board
7	Mrs.S.Nithya	Trusted Internet	Projector / Black Board
8	Mr.M.Shanmugam	Knowledge Management	Projector / Black Board
9	Mr.P.Karthikeyan	Advances in Database Systems	Projector / Black Board
10	Ms.J.Kanimozhi	Embedded systems	Projector / Black Board
11	Dr.V.Vijayakumar	Web technology	Projector / Black Board
12	Dr. J. Madhusudanan	Object oriented analysis and design	Projector / Black Board
13	Dr.N. Danapaquiame	Elective-v: cloud computing	Projector / Black Board
14	Dr.K.Premkumar	Projects Work – Phase II	Projector
15	Dr.P.Iyappan	Agile and Software Project Management	Projector / Black Board/

3.3 List of Expert Lectures / Workshop Conducted

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
1.	Data science with python	Mr. Lakshmana pandian.S	26.09.2020	172
2.	AWS Cloud infrastructure	Dr.S.P.Manikandan	19.9.2020	153
3.	Machine learning using python	Dr.S.PChokkalingam	03.10.2020	153
4.	Unity 3D	Dr.VenkatesanSelvam	10.10.2020	172
5.	Introduction to Computer Networks	Dr.A.Amuthan	10.10.2020	177
6.	Introduction to Software Engineering	Dr.M.Lakshmi	25.11.2020	172
7.	Importance Of Database And Its Legacy Systems	Mr.K.Kaviarasu	21-04-21	177
8.	Programming In Python	Mr.A.Aasaimani	20.04.2020	177
9.	Problem Solving Approach	Mr. L.Noor Mouhammed	23.04.2020.	180
10.	Object Oriented system development using UML	Dr.B.Lakshmi Dhevi	21.04.2021	172
11.	Enterprise Resource Planning for Modern organizations	Dr.N.Poonguzhali	22.04.2021	153
12.	Recent E-business and E-commerce strategies	Mr.Pravin Kumar	24.4.21	172

3.4 Activities for Slow and Advanced Learners

S. No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
4	Engineering Mathematics – I	Ms.D.Dheebia	yes	2	yes

	Calculus and Linear Algebra(M-I)				
5	Introduction to Engineering: Distinction, Principles and Application(IEDPA)	Mr.Arokiaraj Christian St Hubert	yes	2	yes
6	Micro Electronics and Digital System Design (MEDSD)	Mrs.K.Kavitha	yes	2	yes
7	Problem Solving Approach (PSA)	Mrs.S.Kalaivani	yes	2	yes
8	Programming in Python(PPY)	Mr. M.Shanmugam	yes	2	yes
9	Operating Systems	Ms.V.Swathilakshmi	yes	2	yes
10	Computer Networks	Mrs.P.Bhavani	yes	2	yes
11	Database Management Systems	Mr.A.Prakash	yes	2	yes
12	Language Translators	Mr.M.Shanmugam	yes	2	yes
13	Software Engineering	Dr.E.Kodhai	yes	2	yes
14	Enterprise Solutions	Mrs.P.Bhavani	yes	2	yes
15	Embedded Systems	Mrs.J.Kanimozhi	yes	2	yes
16	Web Technology	Dr.V.Vijayakumar	yes	2	yes
17	Object Oriented Analysis and Design	Mrs.P.Bhavani	yes	2	yes
18	E-Business	Mr.S.Kumarakrishnan	yes	2	yes
19	Operating Systems (OS)	Mr. Arokiaraj Christian St. Hubert	yes	2	yes
20	Computer Networks (CN)	Ms. J. Kanimozhi	yes	2	yes
21	Database Management Systems (DBMS)	Mr. P. Karthikeyan	yes	2	yes
22	Language Translators (LT)	Dr. N. Danapaquiame	yes	2	yes
23	Software Engineering (SE)	Dr. V.Vijayakumar	yes	2	yes
24	Artificial Intelligence	Mrs.C.Kaplana	yes	2	yes
25	Computer Hardware and Network Troubleshooting	Dr. K .Premkumar	yes	2	yes
26	Platform Technology	Dr.E.Kodhai	yes	2	yes
27	Elective-III - Software Quality Testing and Assurance	Mr.Kumarakishnan	yes	2	yes
28	Engineering Economics And Management	Ms.Visalatchi	yes	2	yes
29	Information	Dr.E.Kodhai	yes	2	yes

	Security				
30	Elective-IV- Mobile Computing	Dr. K .Premkumar	yes	2	yes
31	Elective-V- Cloud Computing	Mrs.C.Kaplana	yes	2	yes
32	Engineering Mathematics – I : Calculus and Linear Algebra	Ms.D.Dheebia	yes	2	yes
33	Introduction To Engineering: Distinction, Principles And Application	Mr.B.Thiyagarajan	yes	2	yes
34	Microelectronics And Digital System Design	Mr.R.Kalaiyarasan	yes	2	yes
35	Problem Solving Approach	Mr. S. Kumarakrishnan	yes	2	yes
36	Programming In Python	Mr.D.Rajesh	yes	2	yes

3.5 Counseling and Mentoring

S.No	Particular	Yes / No	Remarks (if any)
1	Mentor Allocation	**Yes**	
2	Class wise student Profile Record Maintained	**Yes**	
3	Mentor – Mentee Session Record Maintained	**Yes**	

No. of Students in Department	Number of Full Time Teachers in the Department	Mentor : Mentee Ratio
679+13	**44**	**1:16**

3.6 Internal Evaluation Systems

S.No	Particular	Yes / No	Remarks (if any)
1	Continuous Assessment Test Record	**Yes**	
2	Seminar / Project Review Record	**Yes**	
3	End Semester Examination Record	**Yes**	
4	Student Grade Report	**Yes**	**2020-21 (We have Xerox copy of mark sheet)**

3.7 Learning Outcomes

S.No	Particular	Yes / No	Remarks (if any)
1	PO, PEO, PSO, CO are well stated	**Yes**	-
2	Correlation of COs with POs and PSOs for each Course	**Yes**	-
3	Course Outcome Attainment Calculated	**Yes**	**Mention the target: 62%**
4	PSO and PO attainment through CO	**Yes**	-

3.8 Student Performance in End Semester Examination

I Year / I Sem (Batch : 2020-2024)

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	177	-
2	Number of All Clear Students	177	-
3	Number of Students passed with Distinction	-	-
4	Number of Students passed with First Class	-	-
5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	Nil	-
7	Passing Percentage	100%	-

II Year / IV Sem (Batch : 2019-2023)

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	177	-
2	Number of All Clear Students	170	-
3	Number of Students passed with Distinction	-	-
4	Number of Students passed with First Class	-	-
5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	7	-
7	Passing Percentage	96%	-

III Year / VI Sem (Batch : 2018-2022)

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	172	-
2	Number of All Clear Students	165	-
3	Number of Students passed with Distinction	-	-
4	Number of Students passed with First Class	-	-
5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	7	-
7	Passing Percentage	96%	-

IV Year / VIII Sem (Batch : 2017-2021)

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	153	-
2	Number of All Clear Students	153	-
3	Number of Students passed with Distinction	-	-
4	Number of Students passed with First Class	-	-
5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	Nil	-
7	Passing Percentage	100%	-

II Year / III Sem (Batch : 2019-2023)

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	175	-
2	Number of All Clear Students	153	-
3	Number of Students passed with Distinction	-	-
4	Number of Students passed with First Class	-	-
5	Number of Students passed with Second Class	-	-

174

6	Number of Students Failed	22	-
7	Passing Percentage	87%	-

III Year / V Sem (Batch : 2018-2022)

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	172	-
2	Number of All Clear Students	143	-
3	Number of Students passed with Distinction	-	-
4	Number of Students passed with First Class	-	-
5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	29	-
7	Passing Percentage	83%	-

IV Year / VII Sem (Batch : 2017-2021)

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	153	-
2	Number of All Clear Students	137	-
3	Number of Students passed with Distinction	-	-
4	Number of Students passed with First Class	-	-
5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	16	-
7	Passing Percentage	90%	-

SECTION – IV :STRUCTURED FEEDBACK

S.No	Particular	Yes / No	Number of Feedback Collected	Remarks (if any)
1	Student Feedback on Teaching and Learning conducted with action taken report	**Yes**	**153**	
2	Parent Meet / Parent Feedback on Teaching conducted with action taken report	**Yes**	**90**	
3	Student Exit Survey conducted and Analysed	**Yes**	**-**	
4	Alumni Feedback conducted and Analysed	**Yes**	**120**	

SECTION – V : RESEARCH, INNOVATION AND PUBLICATIONS

5.1 Research Grants, Projects completed and ongoing from various Funding Agencies

S.No	Principle Investigator	Title of Project / Grants	Funding Agency	Amount (Rs. in Lakhs)	Duration of the project
Academic Year: 2020 - 2021					
Nil					

175

5.2 Consultancy Works

S. No	Name of the Faculty	Nature of Consultancy	Funding Agency	Fund Generated	Duration of the Consultancy
Academic Year: 2020 - 2021					
1.	Dr .K. Premkumar	Project Development	SMV Software Solutions Akchaya Plaza, 192, KamarajSalai, New Saram, Puducherry – 605013	4,50,000	1 Year
2.	Dr. N. Danapaquiame	Project Development	MotherSonAutomative Technologies and Engineering,Thiruvandarkoil, Puducherry	1,00,000	6 Months
3.	Dr. E .Kodhai	Project Development	Huawei Technologies Co., Ltd., Domlur, Bengaluru, Karnataka- 560071	4,00,000	6 Months
4.	Dr. V. Vijayakumar	Project Development	Future net Technologies (India) Pvt Ltd, No-37, 1st Street, Singaravelan Nagar, Maduravoyal, Chennai-600095	1,10,000	6 Months

5.3 Faculty Publications

Publication Details (Last Four Years)

Sr. No	Academic Year	Papers Published in peer reviewed Journals	Scopus, Web of Science Indexing Papers	Total Number of Citations	h-index	Impact Factor range / Average Impact Factor
1.	**2020-2021**	28	16			
2.	**2019-2020**	27	03			
3.	**2018-2019**	16	01			
4.	**2017-2018**	36	36			

Publication Details for Academic Year consider for Auditing

Number of Publication in National Journals	NIL	
Number of Publication in International Journals	2019-2020	2020-2021
	27	**28**
Number of Publication in National Conferences	NIL	
Number of Publication in International Conferences	2019-2020	2020-2021
		2
Number of Books / Book Chapters	2019-2020	2020-2021
	1	-
Number of Patent (Filed)	2019-2020	2020-2021
	-	**7**
Number of Patents Granted	2019-2020	2020-2021
	-	-

National Journal -- NIL

S.No	Title of the Paper	Name of the Authors	Name of the Journal	ISBN / ISSN
Nil				

International Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	Vol, issue, pp, ISBN/ISSN	Indexing
Academic Year: 2020 - 2021					
1.	UI Web Automation Testing Using Testing Log4j	**K.Premkumar,** S.Keerthi, I.Anju, A.Shaliny	Journal of Xidian University,	Volume 14,Issue 7, ISSN:1001-2400. June 2020/ Page 930-936	Scopus- UGC Care-II
2.	Geophonics- Crop Yield Prediction using Machine Learning Techniques	**V.Vijayakumar,** A.Aysha Parveen, R.Chandira Keerthana, P.Vaishnavi	Alochana Chakra Journal,	Volume IX, Issue VI, ISSN: 2231-3990,June 2020/ Page 2112-2130	UGC CARE1
3.	Taxonomy Creation using Natural Language Processing	**J.Madhusudanan** S.Geetha, Madhumithra M, Malavika.M, Ramya Ramin R	Journal of Xidian University,	ISSN: 1001-2400, June 2020/ Page 2255-2260	Scopus- UGC Care-II
4.	A Perturbed Self-organizing Multiobjective Evolutionary Algorithm to solve Multiobjective TSP	**J.Kanimozhi,** V. Swathilakshmi B.Thiyagarajan, R.Subramanian	ADBU Journal of Engineering Technology	Volume.9/Issue 1/ ISSN:2348:7305/June 2020/ Page 1-9.	UGC CARE1
5.	A Personal Assistant in Chatbots with different Technologies	**J.Kanimozhi,** B.Thiyagarajan, V. Swathilakshmi	International Journal of Computer Science Engineering	Vol. 9 No. ISSN: 2319-7323,June 2020/ Page 199-204	UGC CARE1
6.	Organizing Meeting Inside the company	**P. Bhavani,** S.Swathi, R.Subasri, K.Thamizharasi	International Journal for Research in Applied Science & Engineering Technology (IJRASET),	Volume 8, Issue VI, ISSN: 2321-9653, June 2020/ Page 2401-2406	UGC CARE1
7.	Patient Monitoring System using Beacon	**P. Bhavani,** A. Kayalvizhi, K. Monisha, G. Aradhana	International Journal for Research in Applied Science & Engineering Technology (IJRASET),	Volume 8, Issue VI, ISSN: 2321-9653, June 2020/ Page 547-551	UGC CARE1
8.	Intelligent Trolley based on Internet of Things	**D. Rajesh,** S. Cindhuja, K.DhivyaLakshmi, P. Jaisheela	International Journal of Computer Sciences and Engineering,	Vol.8, Issue.6, ISSN: 2347-2693, June 2020/ Page 40-44	UGC CARE1
9.	Developing an Optimized Feature Selection Process for Designing Efficient ContentManagement System using	**V. Vijayalakshmi,** A. Prakash	International Journal of Advanced Research in Science & Technology	Volume 7, Issue 1, ISSN: 2581-9429, July 2020/ Page 15-24	UGC CARE1

	Educational Data		(IJARST),		
10.	Cloud Computing in HealthCare Management for Electronic Record(EHR) in M-Health Care Application	**Arokiaraj Christian St Hubert**, A.Punitha	International Research Journal of Engineering and Technology (IRJET)	Volume: 07, Issue: 06, ISSN: 2395-0056, June 2020/ Page 1-4.	UGC CARE1
11.	IOT and Cloud based Brain tumor detection and classification model using Optimal densely connected convolutional networks	**M.Ganesan** Dr.N.Sivakumar Dr.Thirumaran R.Saravanan	IIOAB Journal	Volume-11 Issue-5, /0976-3104/ NOV 2020/ Page 1-7	Scopus- UGC Care-II
12.	Predicting the performance of instructors using Machine learning algorithms	**V. Vijayalakshmi** K. Panimalar Sakthivel Janarthanan	High Technology Letters	ISSN NO : 1006-6748 / Volume 26, Issue 12, Dec 2020 / page no:694-705	Scopus- UGC Care-II
13.	kART	**Mr.M.Shanmuga m** Mr.S.Palaniappan Mr.A.Shahnaz Mr.M.Subathra	Malaya Journal of Matematik	Vol.1/2321-5666/2021/57-59	UGC CARE1
14.	Automated Attendance system and voice assistance using face recognition	**Mrs. P. BHAVANI,** Ms.C. saraswathi, Ms. K. Soba Ms. R. Preethika	Turkish journals of computer and mathematics education	Volume :12 No. 10(2021)/page no 3207 to 3217	Scopus- UGC Care-II
15.	Smart Garbage Tracking System	**Mrs.P. BHAVANI,** Ms. R. Yogasi, Ms. S. Santhanalakshmi Ms.S. Meharajebeham	Turkish journals of computer and mathematics education	Volume :12 No. 10(2021)/page no 3218 to 3225	Scopus- UGC Care-II
16.	Enhanced Handover and secured authentication systems	**Mr.D.Rajesh** Ms.B.Bhaviya , Ms.G.Janani Ms.U .Nishanthi	Turkish journals of computer and mathematics education	Volume :12 No. 10(2021)/page no 3290 to 3298	Scopus- UGC Care-II
17.	Smart attendance System for Covid-19	**Dr. E.Kodhai,** Ms.M.Preetha, Ms.R.Gayathiri Devi Ms.S.V.Deepthy	Turkish journals of computer and mathematics education	Volume :12 No. 10(2021)/page no 3187 to 3194	Scopus- UGC Care-II
18.	Protrack: A Student-Teacher Project Management Tool	**Dr. V. Vijayakumar,** R. Pradeepkumar, S. Siddharthan, C. Harish Mohan, V. Deepak Kumaran	Turkish journals of computer and mathematics education	Volume :12 No. 10(2021)/page no 3173 to 3186	Scopus- UGC Care-II
19.	Spotting Of The Infected Rice Plant Leaves Using RCNN	**Mr. N. Gopinath** Dr. K. Premkumar R. Sandhya K. Keerthi Logambal D. Pooja	Alinteri Journal of Agriculture Sciences	2564-7814/2587-2249	Scopus- UGC Care-II
20.	Deep Packet Inspection to Identify the Finest Network Traffic Rate Method	**Arokiaraj Christian St Hubert**, A.Punitha	International Journal of Grid and Distributed Computing	/Vol.13. No.2/ISSN:2005-4262/2490-2498	UGC CARE1

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21.	Student suite+, A closed domain question answering system for Educational domain	**Ms.V.Swathilakshmi,** Rama Satyanarayanamma Vismaya Udayakumar , Satyavarapu Sai Sindhura	Turkish Journal of Computer and Mathematics Education,.	Vol.12 No.10(2021),ISSN 1309-4653,3168-3172	Scopus- UGC Care-II
22.	Artificial Intelligence to Read Chest X-rays for Deduction of TB	Abdul Hasif .H, **Ganesan .M** Vijaya Ganapathi .B, Suriya .B,	International Journal of Engineering and Advanced Technology (IJEAT),	Volume-9, Issue-5, ISSN: 2249 – 8958, June 2020/ Page 155-160	UGC CARE1
23.	Extraction of road from high resolution satellite images by using ridge and canny edge detection	Madhankumar.K **N.Gopinath** Rajeshkumar.M T.Priyadharshini	Solid state technology	Vol.63. No.6(2020), ISSN: 0038-111X/NOV 2020/ Page 8525-8533	Scopus- UGC Care-II
24.	Multifunctional Solar Power Operated Sprayer for Agricultural Applications	J. Jeevanantham **V. Vijayalakshmi** S. Kuzhaloli P. Vijayakumar A. Radhika R. Rajashree	Solid State Technology	Volume: 63 Issue: 6/Dec 2020/Page no: 11660-11666.	Scopus- UGC Care-II
25.	An Efficient Malicious node detection algorithm for Vehicular Ad-hoc network	L.M.Varalakshmi **E.Kodhai** G.Radhakrishnan K.Thilagam L.Kurinjimalar P.Vijayakumar	International Journal of Advanced research in engineering and technology	Vol.11.Issue.12/ 09766480/ Dec 2020/ page no:2044-2053	Scopus- UGC Care-II
26.	A Controlled framework for reliable multicast routing protocol in mobile ad hoc network	M.Anand **N.Balaji** N.Bharathiraja A.Antonidoss	Materials Today: Proceedings	2214-7853/JAN 2021/1-8	Scopus- UGC Care-II
27.	IoT Based garbage bin monitoring and decluttering system	Mrs.M.Rekha **Dr.E.Kodhai** Ms.S.Kuzhaloli Mr.Ramod Sharma Mr.Ajaikumar Mr.Neeraj Kumar	Materials Today: Proceedings	2214-7853	Scopus- UGC Care-II
28.	An efficient computer aided diagnosis model for citrus disease detection	Mrs.E.Indra **Mrs.P.R.Jayanthi** Mr.Vengatapathiraj Dr.R.Balamanigandan Ms.D.Saranya Mrs.T.Priyaradhikadevi	*Annals* of the Romanian Society for Cell Biology	Vol.25/ISSN:1583-6258/2021/1872-1880	UGC CARE1
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7.	The Data Dissemination Resistant Trust Management Scheme for Securing Vehicular Ad Hoc Networks	K. Premkumar, R. Baskaran	International Journal of Computer Sciences and Engineering	Vol:7, No. 7, 2019	Scopus- UGC Care-II
8.	An Efficient Personal Health Record Storage using Block Chain Technology	E. Kodhai, Manga HaneeshaGowri, Susmitha. S, Muthamizh. R	International Journal of Engineering Science and Computing	Volume-10 Issue-5, May 2020	UGC CARE1
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13.	Internet of Medical Things with Cloud based e-Health Services for Brain	M.Ganesan, Dr.N.Sivakumar, Dr.Thirumaran	Electronic Government, an Int. J, (InderScience	Vol. 16, Nos. 1/2, 2020	Scopus- UGC Care-II

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17.	AR COLOR GRAB – A Coloring Experience For Autistic Children	Mr.M.Shanmugam, Dr. V.PrasannaVenkatesan, S.Anitha, D.SaiPrabhaSatyaKeerthi, R.RajLaxmi	International Journal of Recent Technology and Engineering (IJRTE)	ISSN: 2277-3878, Volume-X, Issue-X, May 2020	UGC CARE1
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25.	A Survey on Hand Gesture Recognition using Machine Learning	N. Gopinath	International Research Journal of Engineering and Technology (IRJET)	ISSN: 2395 – 0056, Volume-7 Issue-4, April 2020	UGC CARE1
26.	An IoT based Application for Real Time Monitoring of the Crops for Agriculture Lands	N. Gopinath, M. Vikram, J. Andrew, R. Goutham	International Journal of Recent Technology and Engineering (IJRTE)	ISSN: 2277-3878 (Online), Volume-8 Issue-6, March 2020	UGC CARE1
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5.	Quadcoptor Monitoring	M.Ganesan, S.S.Gayathri, S.Krishnakumari, S.Nivedithaa	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	Volume 5,Issue 2, 2019	UGC CARE1
6.	Centralized Management and Control of Network Devices	I. Govindharaj, S. Mohanraj, P. Motheesh, R. Rajaguru	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	Vol-5, Issue-2, ISSN: 2456-3307, 2019	UGC CARE1
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3.	A Survey on Securing Cloud Data Under Key Exposure	M Charumathi, A Keerthana, R Bhakkiam, R.Rajadurai, N. Danapaquiame, K. Vadivelu, RS. Raghav, T. Kalaipriyan	International Journal of Pure and Applied Mathematics	ISSN: 1314-3395, Volume 119 No. 14 2018, PP-543-549	Scopus
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5.	Protected Distribution and Scrutinize Action for Public Auditing Protocol in Cloud Data	Hariprakash.U, Danapaquiame.N, M.Subba, Pradeep, Ramachandiran, S. Raghav, T. Kalaipriyan	International Journal of Pure and Applied Mathematics	ISSN: 1314-3395, Volume 119 No. 14 2018, PP-533-541	Scopus
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National Conference--- NIL

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
Nil						

International Conference

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Academic Year: 2020 - 2021						
1.	A Combinatorial and Optimized System for Stock Market Prediction Based On User Preference	P.Iyappan G.Sivasankar J.Madhusudanan S.Kumarakrishnan	Emerging Trends in Banking and Financial Technology	International Conference on Emerging Trends in Banking and Financial Technology	ISBN: 978-93-5437-072-4BN	Department of Banking Technology, Pondicherry University
2.	Challenges And Research Opportunities On User Experience: A Survey	M. Shanmugam, V.PrasannaVenkatesan	Emerging Trends in Banking and Financial Technology	International Conference on Emerging Trends in Banking and Financial Technology	ISBN: 978-93-5437-072-4BN	Department of Banking Technology, Pondicherry University

Books / Book Chapters

S.No	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
Academic Year: 2020 - 2021				
Nil				

Patent

S. No	Name of the Applicant (s)	Name of the Inventor (s)	Title	Application No. & Patent Filed Date	Country	Current Status
Academic Year: 2020 - 2021						
1	Dr.N.Danapaquiame	1. Dr.N.Danapaquiame 2. Dr.V.S.K.Venkatachalapathy 3. Dr.E.Ilavarasan 4. Ms.P.Bhavani 5. Dr.V.Vijayalakshmi 6. Ms.J.Kanimozhi **7.** Ms.V.Swathilakshmi	Substantiating web services choreography based on automata model	202041042021 A & 09/10/2020	India	**Published, RQ Filed Awaiting for Examination**
2	Dr.J.Madhusudanan	1. Dr.J.Madhusudanan 2. Dr.P.Iyappan 3. Dr.V.Vijayakumar 4. Mr.M.Ganesan 5. Mr.B.Thiyagarajan 6. Mr.S.Kumarakrishnan 7. Mr.A.Prakash 8. Mr.D.Rajesh	Generic smart automation system	202041042028 A & 09/10/2020	India	**Published**
3	Dr. K. Premkumar	1. PRO. K. Premkumar 2. Dr. E. Kodhai 3. Mr. P. Karthikeyan 4. Mr. N. Gopinath 5. Mr. M. Shanmugam 6. Mr. N. Balaji 7. Mrs. C. Kalpana 8. Mr. Arokiaraj Christian	Smart electrical sensing in infrastructure	202041042033 A & 09/10/2020	India	**Published**
4	1. Dr.N.Danapaquiame 2. Mr.A.Prakash 3. Dr.A.Ramalingam 4. Mr.D.Rajesh 5. Ms.P.Bhavani 6. Dr.V.Vijayalakshmi 7. Ms.V.Swathilakshmi	1. Dr.N.Danapaquiame 2. Mr.A.Prakash	An edge Computing Based smart Assistive glass for Visually handicapped	202041049647 A & 27/11/2020	India	**Published**
5	Dr.P.Iyappan	1. Dr.P.Iyappan	Method for Managing the SAR value, QoS, Energy consumption in Wideband Code Division Multiple Access Networks	2020102956 & 09.12.2020	Australlia	**Granted**
6	Dr.S.B.Lenin	1. Dr.A.Rajesh 2. Mr.S.Chandru 3. Dr.T.Shankar 4. Dr.R.Nakheeran 5. Dr.C.V.Ravikumar 6. Dr.S.B.Lenin 7. Dr.N.Tamilarasan 8. Dr.D.Sivanandakumar **9. Mr.P.Karthikeyan** 10. Dr.M.Braveen 11. Mr.S.Balaji	Novel Super Continuum generation using PCF with Non-uniform Honeycomb Cladding for 35KW Pump Pulse	02041052231 A & 11.12.2020	India	**Published**
7	Dr.K.Premkumar	12. Dr.K.Premkumar 13. Mr.M.Shanmugam 14. Mr.N.Gopinath 15. Dr.E.Kodhai 16. Mr.P.Karthikeyan 17. Mr.N.Balaji	Pattern oriented Patient Assistant system	202041055716A & 1.1.2021	India	**Published**

		18. Mrs.C.Kalpana 19. Mr.ArokiarajChristian St.Hubert				
8	Dr.P.Iyappan	1. Dr.P.Iyappan	Object Identification System for Blind People.	202111012748 & 2.4.2021	India	**Published Awaiting for Examination**

SECTION – VI: COLLABORATIONS AND LINKAGES

6.1 Student Internships (2020-2021)

S.No	Name of the Student	Name of the Sponsored Industry / Research Institute / Partnering Institution	About Internship		
			Duration	From date	To date
1	GOWTHAM@SURIYA.L	CTS	1 ½ Month	15.02.21	31.03.21
2	ABDUL FAHAD.M	CTS	1 ½ Month	15.02.21	31.03.21
3.	R.Keerthana	Hexaware	2 Months	21.01.21	18.03.21
4.	M.Logadharshini	Hexaware	1 Month	21.01.21	18.03.21
5.	M.RamaSathyavarappu	Hexaware	1 Month	21.01.21	18.03.21
6.	M.Sudha	Hexaware	1 Month	21.01.21	18.03.21
7	B.Vetrichelvan	KAAR	1 ½ Month	15.02.21	31.03.21
8	K.Chandramouli	KAAR	1 ½ Month	15.02.21	31.03.21
9	VismayaUdayakumar	KAAR	1 ½ Month	15.02.21	31.03.21
10	S.Viswanath	KAAR	1 ½ Months	15.02.21	31.03.21
11	S.Sivaprakash	CTS	1 ½ Months	15.02.21	31.03.21
12	Sunilkumar	CTS	1 ½ Months	15.02.21	31.03.21
13	R.Santhosh Arvind	CTS	1 ½ Months	15.02.21	31.03.21
14	I.Thamizhvanan	CTS	1 ½ Months	15.02.21	31.03.21
15	A.Arulpooja	CTS	1 ½ Months	15.02.21	31.03.21
16	P.Monika	CTS	1 ½ Months	15.02.21	31.03.21
17	L.Adhilakshmi	CTS	1 ½ Months	15.02.21	31.03.21
18	S.Dhivyalakshmi	CTS	1 ½ Months	15.02.21	31.03.21
19	R.Dharshini	CTS	1 ½ Months	15.02.21	31.03.21
20	Ceciliya.S	CTS	1 ½ Months	15.02.21	31.03.21
21	G.Preethibharathi	CTS	1 ½ Months	15.02.21	31.03.21
22	Pooja.D	CTS	1 ½ Months	15.02.21	31.03.21
23	J.Jeevitha	Yellow Messenger	1 Month	12.02.21	28.02.21
24	M.Akshaya	Yellow Messenger	1 Month	12.02.21	28.02.21
25	R.Vignesh	Zoho	1 Month	19.02.21	04.03.21
26	R.Pradeepkumar	Zoho	2 Months	08.03.21	30.04.21
27	P.Ambika	CTS	1 ½ Months	15.02.21	31.03.21
28	B.Vishalini	CTS	1 ½ Months	15.02.21	31.03.21
29	M.Vignesh	CTS	1 ½ Months	15.02.21	31.03.21
30	M.Bhuvaneshwari	KAAR	2 Months	10.03.21	23.04.21
31	Sandhya.R	KAAR	2 Months	10.03.21	23.04.21
32	P.Rahulamrish	Tech Mahindra	2 Months	10.03.21	31.04.21
33	S.Ranjitha	Yellow Messenger	6 Months	30.11.20	30.05.21
34	S.MohanaPriya	Excelacom	1 ½ Months	19.04.21	31.05.21

6.2 Sponsored / Industry Projects

S.No	Project Title	Name of the Student/s	Name of the Sponsored Industry / Research Institute / Partnering Institution	Duration of the Project (Months)
Nil				

6.3 Industrial Visits

S.No	Name of the Industry / Company / Research Institute	Date of Visit	Target Audience	Number of Students Participated
1	EATON Power Quality Pvt Ltd, Puducherry.	23-02-2021	Got industrial exposes.	118
2	EATON Power Quality Pvt Ltd, Puducherry.	24-02-2021	Got industrial exposes.	58

6.4 Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
Nil				

SECTION – VII: STUDENT PROGRESSION

7.1 Placements (2020 – 2021)

S.No	Name of the Student	Name of the Company	Salary Package (per annum)
1.	CHANDRAMOULI. K	KAAR	6,50,000
2.	HEMAPRAKASH R	KAAR	6,50,000
3.	VETRICHELVAN.B	KAAR	6,50,000
4.	VISMAYA UDAYAKUMAR	KAAR	6,50,000
5.	VISVANATH S	KAAR	6,50,000
6.	BHUVANESHWARI.M	KAAR	6,50,000
7.	LAVITHA K	KAAR	6,50,000
8.	SANDHYA.R	KAAR	6,50,000
9.	BARATHRAJ S	TCS Digital	7,00,000
10.	NAVIN M	TCS Digital	7,00,000
11.	SAMANA T	TCS Digital	7,00,000
12.	LOKESWARAN.J	TCS Digital	7,00,000
13.	HEMAPRAKASH R	TCS Digital	7,00,000
14.	YOUNUSE SHERRIF M	TCS Digital	7,00,000
15.	HINA KAUSER.A	TCS Digital	7,00,000
16.	GOWDHAMA MATHESWARAN L.	TCS Digital	7,00,000
17.	GURRALA UMA MAHESWARA REDDY	TCS Digital	7,00,000
18.	BALAJI R	TCS Digital	7,00,000
19.	AGALYA.V	TCS Ninja	3,36,000
20.	ANVAR.S	TCS Ninja	3,36,000
21.	LAVITHA K	TCS Ninja	3,36,000
22.	PRADEEPKUMAR R	TCS Ninja	3,36,000
23.	SIDDHARTHAN S	TCS Ninja	3,36,000

24.	SWEDHA.A	TCS Ninja	3,36,000
25.	JAGADEESH.M	TCS Ninja	3,36,000
26.	NITHYASREE K	TCS Ninja	3,36,000
27.	SAM JOSEPH S	TCS Ninja	3,36,000
28.	SANDHYA.R	TCS Ninja	3,36,000
29.	STEPHENRAJ A	TCS Ninja	3,36,000
30.	DARYL VALAIRAN R.	TCS Ninja	3,36,000
31.	LOGESH. M	TCS Ninja	3,36,000
32.	UDAYAKUMARAN T	TCS Ninja	3,36,000
33.	PREETHA.M	TCS Ninja	3,36,000
34.	VISHNU VARTHINI. S	TCS Ninja	3,36,000
35.	GOKUL.M	TCS Ninja	3,36,000
36.	BALAJI R	TCS Ninja	3,36,000
37.	CHANDRAMOULI. K	TCS Ninja	3,36,000
38.	BHUVANESHWARI.M	TCS Ninja	3,36,000
39.	GAYATHIRI DEVI.R	TCS Ninja	3,36,000
40.	ILAKIYA S	TCS Ninja	3,36,000
41.	JANANI.G	TCS Ninja	3,36,000
42.	MEENATCHI.S	TCS Ninja	3,36,000
43.	SAMRIDDHI KUMAR	TCS Ninja	3,36,000
44.	SARASWATHI.C	TCS Ninja	3,36,000
45.	SOWMIYA DEVI .K	TCS Ninja	3,36,000
46.	THIRUVARAN.M	TCS Ninja	3,36,000
47.	ADHILAKSHMI.L	TCS Ninja	3,36,000
48.	AJAY JOSEPH. I	TCS Ninja	3,36,000
49.	CECILIYA S	TCS Ninja	3,36,000
50.	DHANDAPANI.S	TCS Ninja	3,36,000
51.	MARIE GABRIELLA.I	TCS Ninja	3,36,000
52.	PADMAJA. M	TCS Ninja	3,36,000
53.	POOJA V	TCS Ninja	3,36,000
54.	THANUSH KIRAN.L.R	TCS Ninja	3,36,000
55.	YOGASRI.R	TCS Ninja	3,36,000
56.	ABDUL FAHAD.M	TCS Ninja	3,36,000
57.	PREETHI.I	TCS Ninja	3,36,000
58.	PRYANGA.D	TCS Ninja	3,36,000
59.	SAJITHKUMAR.R	TCS Ninja	3,36,000
60.	SARANYA .S	TCS Ninja	3,36,000
61.	THENMOZHI.S	TCS Ninja	3,36,000
62.	VIGNESH.R	TCS Ninja	3,36,000
63.	YOGAMRUTH.A	TCS Ninja	3,36,000
64.	SUDHA M	TCS Ninja	3,36,000
65.	RANJETHA. S	TCS Ninja	3,36,000
66.	KEERTHANA. R	TCS Ninja	3,36,000
67.	AKSHYA. M	TCS Ninja	3,36,000
68.	ANANDU KRISHNA.K.L	TCS Ninja	3,36,000

69.	BHAVIYA.B	TCS Ninja	3,36,000
70.	JEEVITHA.R	TCS Ninja	3,36,000
71.	PAVITHRA.B	TCS Ninja	3,36,000
72.	SHYAM PRASAD S	TCS Ninja	3,36,000
73.	SUREKHA.B	TCS Ninja	3,36,000
74.	ARISH.S	TCS Ninja	3,36,000
75.	DIVYA LAKSHMI.A	TCS Ninja	3,36,000
76.	DIVYA.T	TCS Ninja	3,36,000
77.	GHOKUL.S	TCS Ninja	3,36,000
78.	HARIHARAN.R	TCS Ninja	3,36,000
79.	HEMALATHA.S	TCS Ninja	3,36,000
80.	INBA S	TCS Ninja	3,36,000
81.	JAIMANISH J	TCS Ninja	3,36,000
82.	MEHARAJE BEHAM.S	TCS Ninja	3,36,000
83.	SANTHANALAKSHMI S	TCS Ninja	3,36,000
84.	SHALLINI.S	TCS Ninja	3,36,000
85.	SURENDAR. B	TCS Ninja	3,36,000
86.	SRI LAKSHMI NARASIMHAN .A	TCS Ninja	3,36,000
87.	DEVATHERSANI.D	TCS Ninja	3,36,000
88.	HARIISH.B	TCS Ninja	3,36,000
89.	VIGNARAJ.G	TCS Ninja	3,36,000
90.	YOGESH.C	TCS Ninja	3,36,000
91.	NIRANJAN.K	TCS Ninja	3,36,000
92.	SATYAVARAPU SAI SINDHURA	TCS Ninja	3,36,000
93.	JEEVITHA.J	TCS Ninja	3,36,000
94.	PREETHIBHARATHI.G	CTS	4,00,000
95.	SIVAPRAKASH.S	CTS	4,00,000
96.	VIGNESH.M	CTS	4,00,000
97.	DHARSHINI .R	CTS	4,00,000
98.	DHIVYALAKSHMI S	CTS	4,00,000
99.	SUNIL KUMAR	CTS	4,00,000
100.	AROUL POODJA.A	CTS	4,00,000
101.	GOWTHAM@SURIYA.L	CTS	4,00,000
102.	MONIKA.P	CTS	4,00,000
103.	POOJA.D	CTS	4,00,000
104.	SANDOSH ARVIND.R	CTS	4,00,000
105.	THAMIZHVAANAN I	CTS	4,00,000
106.	BHUVANESHWARI.M	CTS	4,00,000
107.	GAYATHIRI DEVI.R	CTS	4,00,000
108.	ILAKIYA S	CTS	4,00,000
109.	SARASWATHI.C	CTS	4,00,000
110.	THIRUVARAN.M	CTS	4,00,000
111.	ADHILAKSHMI.L	CTS	4,00,000
112.	AJAY JOSEPH. I	CTS	4,00,000
113.	CECILIYA S	CTS	4,00,000

114.	DHANDAPANI.S	CTS	4,00,000
115.	POOJA V	CTS	4,00,000
116.	THANUSH KIRAN.L.R	CTS	4,00,000
117.	ABDUL FAHAD.M	CTS	4,00,000
118.	PRYANGA.D	CTS	4,00,000
119.	SARANYA .S	CTS	4,00,000
120.	VIGNESH.R	CTS	4,00,000
121.	AKSHYA. M	CTS	4,00,000
122.	RANJETHA. S	CTS	4,00,000
123.	GURRALA UMA MAHESWARA REDDY	CTS	4,00,000
124.	AMBIKA.P	CTS	4,00,000
125.	VISHALINI.B	CTS	4,00,000
126.	SUDHA M	Hexaware	3,50,000
127.	RAMA SATYANARAYANAMMA.M	Hexaware	3,50,000
128.	GOKUL.M	Hexaware	3,50,000
129.	RANJETHA. S	Hexaware	3,50,000
130.	KEERTHANA. R	Hexaware	3,50,000
131.	LOGADHARSHINI M	Hexaware	3,50,000
132.	LAVITHA K	Virtusa	4,00,000
133.	LOKESWARAN.J	Virtusa	4,00,000
134.	STEPHENRAJ A	Virtusa	4,00,000
135.	MOHANA PRIYA.S	Excelacom	3,50,000
136.	SATYAVARAPU SAI SINDHURA	Excelacom	3,50,000
137.	RAHULAMRESH P	Tech Mahindra	3,50,000
138.	VIGNESH.M	Tech Mahindra	3,50,000
139.	SHYAM PRASAD S	Wipro	4,00,000
140.	PAVITHRA.B	Wipro	4,00,000
141.	SANTHANALAKSHMI S	Wipro	4,00,000
142.	SATYAVARAPU SAI SINDHURA	Wipro	4,00,000
143.	BHAVIYA.B	Sutherland	2,50,000
144.	MOHANA PRIYA.S	Sutherland	2,50,000
145.	VIGNARAJ.G	Sutherland	2,50,000
146.	VISHALINI.B	Sutherland	2,50,000
147.	SHYAM PRASAD S	Sutherland	2,50,000
148.	JAIMANISH J	Sutherland	2,50,000
149.	SRIGIRIDHARAN.D	Sutherland	2,50,000
150.	HARISH MOHAN. C	Sutherland	2,50,000
151.	PAVITHRA.B	Sutherland	2,00,000
152.	SINDUJA GP	Sutherland	2,00,000
153.	SOWMIYA S	Sutherland	2,00,000
154.	SURENDAR. B	Sutherland	2,00,000
155.	MOHAMED SHAFEEK M	Sutherland	2,00,000
156.	PREETHIKA R	Sutherland	2,00,000
157.	SOBA KL	Sutherland	2,00,000
158.	DIVYA LAKSHMI.A	Sutherland	2,00,000

159.	GUNASEKHARAN.R	LSE	2,00,000
160.	ANANDU KRISHNA.K.L	LSE	2,00,000
161.	PERARASAN. R	LSE	2,00,000
162.	HARITHA M	CSS	2,00,000
163.	GUNASEKHARAN.R	Religare	2,00,000
164.	YUKESHKUMAR.S	Religare	2,00,000
165.	HARISH.A	Religare	2,00,000
166.	ASHOK KUMAR S	Religare	2,00,000

7.2 Higher Studies (2020-2021)

S.No	Name of the Student	Name of the Institution	Name of Program admitted to
Nil			

7.3 Entrepreneur

S.No	Name of the Student	Name of the Company	Nature of Company	Location / Address
Nil				

SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT

8.1 Technical Event / Workshop for Student

S.No	Name of the Event / Workshop	Organized under(Department / Student Association/ Profession Chapter / Student Club)	Date of Event	Level (State / National / International)	No. of Participants
1	Work shop on General Proficiency -1	Sri Manakula Vinayagar Engineering College – CSE Dept	18.09.2020 & 03.10.2020	State Level	180
2	Workshop on Computer Hardware and Troubleshooting	Sri Manakula Vinayagar Engineering College – CSE Dept	14.10.2020 & 28.10.2020	State Level	180
3	Programming on Python	Sri Manakula Vinayagar Engineering College – CSE Dept	01.10.2020 & 25.10.2020	State Level	180
4	Works shop on "Data base Management"	Sri Manakula Vinayagar Engineering College – CSE Dept	12.04.21 to 13.04.21	National Level	180
5	Workshop on ERP	Sri Manakula Vinayagar Engineering College – CSE Dept	19.4.21 to 20.4.21	National Level	175
6	Workshop on " Cyber Security"	Sri Manakula Vinayagar Engineering College – CSE Dept	22.3.21	23.3.21	177

8.2 FDP /Workshop / STTP / Conference for Faculty

S.No	Name of the Event / Workshop	Organized under(Department / Student Association/ Profession Chapter)	Date of Event	Level (State / National / International)	No. of Participants
1	FDP on NATURAL LANGUAGE PROCESSING ON AI	Sri Manakula Vinayagar Engineering College – CSE Dept	12.10.2020 to 16.10.2020	National Level	40
2	FDP on Research Opportunities in Image Processing and Machine Learning	Sri Manakula Vinayagar Engineering College – CSE Dept	21.09.2020 to 25.09.2020	National Level	47
3	FDP on JAVA J2EE	Sri Manakula Vinayagar Engineering College – CSE Dept	03.08.2020 to 07.08.2020	National Level	54
4	FDP on " Cyber Security"	ATAL – AICTE – Sri Manakula Vinayagar Engineering College	22.3.21 to 26.03.21	National Level	200
5	FDP on " Machine Learning"	Sri Manakula Vinayagar Engineering College – CSE Dept	15.02.2021 to 19.02.2021	National Level	86
6	FDP on "Image Processing"	Sri Manakula Vinayagar Engineering College – CSE Dept	19.04.2021 to 23.04.2021	National Level	104

SECTION – IX: ACHIEVEMENTS

9.1 Awards and Prizes Received by Students

S.No	Name of the Student	Event Name / Details	Organized by	Achievement / Position / Prizes
1.	HEMAPRAKASH RAGHU	InfraMind 2021	TCS	Won the title TCS-INFRAMIND 2021, with a cash worth prize of Rs.1,50,000/-. And got Digital offer
2.	Lokeswaran. J, Subash. N, Nasreen Banu.A.K, Nishintha.B	Cloud 2021	UNISYS	won the Second Runner-up prize of Rs.1,00,000/-
3.	Dharakeswary.G, Ramya.R, Kaviya.P, Megha.S	Superhero U – International event	GlobalShala	won the Runner-up prize of $.5000/- and Internship Offers

4.	Ragule. G	National Level Power lifting Championship Organized by	Uttar Pradesh Power Lifting Organization	won Third Prize

S.No	Name of the Student	Event Name / Details	Organized by	Achievement / Position / Prizes
1.	Asikaa. S Yuvasree Sudhakar Dhaneshvar Harini. R Asvidha Thirumal	Hackulus – A hackathon by SIAM	VIT	Participated
2.	ACKSHAIYA S	WORKSHOP	GUVI	PARTICIPATED
		HACKATHON	HACKULUS(SIAM VIT)	
		WORKSHOP	TECHMYTHS	
3.	V.ADHVIKA	WORKSHOP	GUVI	PARTICIPATED
		HACKATHON	HACKULUS	
		WORKSHOP	TECHMYTHS	
4.	ASWINI.R	WORKSHOP	GUVI	PARTICIPATED
		WORKSHOP	TECHMYTHS	
5.	BHARKAVI.R	WORKSHOP	GUVI	PARTICIPATED
		HACKATHON	HACKULUS	
		WORKSHOP	TECHMYTHS	
6.	DHANALAKSHMI R	WORKSHOP	GUVI	PARTICIPATED
		TOPCODERS21	EBOX	
		WORKSHOP	TECHMYTHS	
7.	KATHIRVEL.T	WORKSHOP	GUVI	PARTICIPATED
		TOP CODERS	EBOX	
		HACKATHON	HACKULUS	
		WORKSHOP	TECHMYTHS	
8.	KEERTHANA.G	WORKSHOP	GUVI	PARTICIPATED
		WORKSHOP	TECHMYTHS	
9.	LEAKHA G	WORKSHOP	GUVI	PARTICIPATED
		HACKATHON	HACKULUS(SIAM VIT)	
		WORKSHOP	TECHMYTHS	
10	R.MAHALAKSHMI	WORKSHOP	GUVI	PARTICIPATED
		WEBINAR	SKIL SAFARI	
		WORKSHOP	TECHMYTHS	
11	S.PRIYAN SABARISH	WORKSHOP	TECHMYTHS	PARTICIPATED
		TOP CODERS	EBOX	
		ONE WEEK PROGRAM (WEB DEVELOPMENT)	ETHNOTECH	
		CODE GLADIATORS	COGNIZENT	
12	RAHUL.S	WORKSHOP	GUVI	PARTICIPATED
		HACKATHON	HACKULUS(SIAM VIT)	
		WORKSHOP	TECHMYTHS	
13	RIFASHERIN. R	WORKSHOP	GUVI	PARTICIPATED

		HACKATHON	HACKULUS	
		3DAYS WORKSHOP	TECHMYTHS	
		7DAYS WORKSHOP	TECHMYTHS	
		WEBINAR	INTERNSHALA	
14	ROSHINY MANY R	WORKSHOP	GUVI	PARTICIPATED
		HACKATHON	HACKULUS(SIAM VIT)	
		WORKSHOP	TECHMYTHS	
15	SACHIN S K	WORKSHOP	GUVI	PARTICIPATED
		CODE GLADIATORS	COGNIZANT	
		WORKSHOP	TECHMYTHS	
16	R.SOUMYA	WORKSHOP	GUVI	PARTICIPATED
		WEBINAR	SKILL SAFARI	
		WORKSHOP	TECHMYTHS	
17	HARSHA VARDHAN B	WORKSHOP	GUVI	PARTICIPATED
		WORKSHOP	TECHMYTHS	
		WEBINAR	SKILL SAFARI	
18	DHIVYAPRABHA V	WORKSHOP	GUVI	PARTICIPATED
		TOPCODERS21	EBOX	
		WORKSHOP	TECHMYTHS	
19	VISHNUPRIYA S	WORKSHOP	GUVI	PARTICIPATED
		HACKATHON	HACKULUS(SIAM VIT)	
		WORKSHOP	TECHMYTHS	
20	DHEEPIKA.C	WORKSHOP	HACKULUS	PARTICIPATED
		HACKATHON	HACK	
		WORKSHOP	GUVI	

9.2 Participation of teachers in various activities as a Members of Committees at University Level / State Level / National Level / International Level bodies

S.No	Name of the Faculty	Members of Committees at University Level / State Level / National Level / International Level as
1.	Dr. K. Premkumar.	ISTE
2.	Dr. N. Danapaquiame	ISTE
3.	Dr. E. Kodhai	ISTE
4.	Dr. P. Iyappan	ISTE
5.	Dr. V. Vijayakumar	ISTE
6.	Mr. M. Ganesan	ISTE
7.	Mr. P. Karthikeyan	ISTE
8.	Mr. M. Shanmugam	ISTE
9.	Mr. B. Thiyagarajan	ISTE
10.	Mr. S. Kumarakrishnan	ISTE
11.	Mrs. C. Kalpana	ISTE
12.	Mrs. P. Bhavani	ISTE
13.	Mr. Arokiaraj St Hubert	ISTE
14.	Mrs. Jayanthi	ISTE

9.3 Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers

S.No	Name of the Faculty	Name of Editorial Boards / Conferences
Nil		

9.4 Awards / Prizes and Recognitions received by teachers at University, State, National and International Level

S.No	Name of the Faculty	Name of Awards / Recognition
1.	Dr. V. Vijayakumar	Best Mentor Award, Unisys
2.	M. Shanmugam	Wipro Certified Faculty
3.	Mr.D.Rajesh	Faculty Guide Unisys Cloud 20/20 for the project "Autonomous Medication Using ML"
4.	Mr.A.Prakash	Faculty Guide in Unisys Cloud 20/20 for the project "Autonomous Medication Using ML"
5.	Dr. N. Danapaquiame	The Joy of Computing using Python, NPTEL
6.	Dr. P. Iyappan	Python for Data Science, NPTEL
7.	Mr. P. Karthikeyan	NPTEL Certification in Big Data Computing
8.	Mr. M. Shanmugam	Programming in JAVA, NPTEL
9.	Mrs. C. Kalpana	Fundamentals of Artificial intelligence, NPTEL
10.	Mrs. P. Bhavani	The Joy of Computing using Python, NPTEL
11.	Mr. Rajesh	The joy of computing using python, NPTEL
12.	Mr. Arokiaraj St Hubert	DataBase Management System, NPTEL
13.	Mr. N. Balaji	The joy of computing using python, NPTEL

Details of Faculty participated in Refresher Courses, Orientation Courses, Seminars, Workshops, Conferences at National and International Level

S.No	Name of the Faculty	FDP /STTP /Workshop /Conference Title	Organized by	Duration (Days)
1	Dr. N. Danapaquiame	Webinar: "YOUR MIND-YOUR MASTER"	Sri Eshwar college of Engineering	1 day (6th July 2020)
2	Dr. N. Danapaquiame	CAE for Product Design-An Insight	Sri Eshwar college of Engineering	1 day (3rd July 2020)
3	Dr. N. Danapaquiame	Online Course	Great learning	1 day July 2020
4	Dr. N. Danapaquiame	AI for Everyone	Coursera	4 weeks
5	Dr. N. Danapaquiame	ATAL FDP : Computer Science and Biology	AICTE	5 days
6	M.Ganesan	Cyber Security	ATAL	5 days
7	P. Karthikeyan	Computer Science and Biology	ATAL AICTE	5 Days
8	P. Karthikeyan	Design Thinking	ATAL AICTE	5 Days

9	Dr. V. Vijayakumar	Faculty Development Program on "Robotics"	Rajeev Gandhi Memorial College of Engineering and Technology	5 Days
10	Dr. V. Vijayakumar	Faculty Development Program on "Cyber Security"	Sri ManakulaVinayagar Engineering College	5 Days
11	M. Shanmgam	FDP – Python Programming	Codegnan	7 Days
12	M. Shanmugam	FDP - PERL SCRIPTING	Spoken Tutorial IIT-Bombay	5 Days
13	M. Shanmugam	FDP – Technology towards Common man	SMVEC	4 Days
14	M. Shanmgam	FDP – Augmented Reality	Codegnan	6 Days
15	M. Shanmugam	Conference - ICB&FT 2020	Pondicherry University	2 Days
16	M. Shanmgam	FDP – Web Development using Python	Codegnan	10 Days
17	M. Shanmugam	FDP – JAVA programming	WIPRO	15 Days
18	Mr.B.Thiyagarajan	ICT Tools for Technology Infused Learning	Saveetha Engineering College, chennai	6 days (01.06.20 -06.06.20)
19	Mr.B.Thiyagarajan	ICT Tools for Technology Infused Learning	Saveetha Engineering College, chennai	6 days (15.06.20 -20.06.20)
20	Mr.B.Thiyagarajan	Innovative Teaching Pedagogy in the Technical Institutions	KaramaveerAdvBaburaoGanpatraoThakare College of Engineering, Nashik	5 days (01.06.20 -05.06.20)
21	Mr.B.Thiyagarajan	Patent Searching Drafting and Filing	Panimalar Institute of technology	5 Days (29.05.20-02.06.20)
22	Mr. S. Kumarakrishnan	Faculty Development Program on "Robotics"	Rajeev Gandhi Memorial College of Engineering and Technology	5 Days
23	Mr. S. Kumarakrishnan	Faculty Development Program on "Cyber Security"	Sri ManakulaVinayagar Engineering College	5 Days

24	Dr.E.KODHAI	FDP on Blockchain with Cyber Security	Easweri Engineering College	5 Days
25	Dr.E.KODHAI	FDP on AI Integrated Web Services	Easweri Engineering College	5 Days
26	C. KALPANA	Course On Fundamentals Of Artificial Intelligence	NPTEL	DEC 2020
27	C. KALPANA	FDP on Blockchain with Cyber Security	Easweri Engineering College	5 Days
28	C. KALPANA	FDP on AI Integrated Web Services	Easweri Engineering College	5 Days
	Mrs.P.Bhavani	Outcome based education	SMVEC	30thnov 2020
	Mrs.P.Bhavani	Joy of computing using python	NPTEL	Sep-Dec 2020
29	Mrs.P.Bhavani	KanavuMeipada	Innovtaive services	27thfeb 2021
30	Mrs.P.Bhavani	Cyber Security	ATAL	Mar 22nd to 27th 2021
31	Arokiaraj Christian St hubert	"Emerging trends in Micro/Nano Sensors and Actuators for industrial application"	EEE , SMVEC	6 days
32	Arokiaraj Christian St hubert	International conference on Advanced research in mathematical sciences	Maths , SMVEC	2 days
33	Arokiaraj Christian St hubert	Computer Science and Biology	AICTE training and ATAL	5 days
34	Arokiaraj Christian St hubert	Recents trends in Cloud Computing	National level FDP , Easwari Engineering College	6 days
35	Arokiaraj Christian St hubert	2nd International Conference on information , Communication and Networking	Dept of IT , Easwari Engineering College, Chennai	2 days

36	Arokiaraj Christian St hubert	FDP in research innovation in computer vision	Kings engineering College	5 days
37	Ms.V.Swathilakshmi	Outcome based education	SMVEC	30th nov 2020
38	Ms.V.Swathilakshmi	KanavuMeipada	Innovtaive services	27th feb 2021
39	Ms.V.Swathilakshmi	Cyber Security	ATAL	Mar 22nd to 27th 2021
40	Mr.D.Rajesh	Faculty Development Program on "Robotics	Rajeev Gandhi Memorial College of Engineering and Technology	5 Days
41	Mr.D.Rajesh	Faculty Development Program on "Cyber Security"	ATAL Academy	5 Days
42	Mr.A.Prakash	Faculty Development Program on "Robotics"	Rajeev Gandhi Memorial College of Engineering and Technology	5 Days
43	Mr.A.Prakash	Faculty Development Program on Cyber Security	ATAL Academy	5 Days
44	Mr.N.Gopinath	ATAL FDP on Quantum Cryptography	ATAL – Sathyabama University	5 days
45	Mr.N.Gopinath	ATAL FDP on Cyber Security	ATAL –Sri ManakulaVinayagar Engineering College	5 days
46	Mr.N.Gopinath	FDP on Robotics	RGCE	5 Days
47	Mr.N.Gopinath	NPTEL – AICTE FDP on Introduction to IoT	NPTEL –AICTE	12 weeks
48	Mrs.P.R.Jayanthi	Online FDP on Computer Science & Biology	ATAL @Sri ManakulaVinayagar Engineering College	5 Days
49	Mrs.P.R.Jayanthi	Online FDP on Internet of Things (IoT)	ATAL @LBS College of Engineering,Kasaragod	5 Days
50	Mrs.S.Kalaivani	Online FDP on Computer Science & Biology	ATAL @Sri ManakulaVinayagar Engineering College	5 Days
51	Mrs.S.Kalaivani	Online FDP on Internet of Things (IoT)	ATAL @LBS College of Engineering,Kasaragod	5 Days

52	Mr.N.Balaji	Outcome based education	SMVEC	30th nov 2020
53	Mr.N.Balaji	Cyber Security	ATAL	Mar 22nd to 27th 2021

Declaration by HoD

I am aware that the above information provided by the department will be validated by the Academic and Administrative Audit (AAA) committee during the visit

Head of the Department

Recommendations:

Section	Remarks
Curricular Aspects	Nil
Teaching, Learning and Evaluation	ICT tools utilization should be improved
Structured Feedback	Nil
Research, Innovation and Publications	Nil
Collaborations and Linkages	More MoU should be signed reputed companies
Student Progression	Encourage the students to go for higher studies
Activity Conducted / Organized by the Department	Nil
Achievements	Nil
General Remarks	Nil

Signature of the External Academic Audit Experts

Dr.M.Karthikeyan,
Professor/ Mech,
Raja Rajeswari Engineering College,
Mysore Road, Bangalore.

Dr.R.Baskaran,
Professor/ Industrial Engg,
College of Engineering,
Guindy.

ACADEMIC AND ADMINISTRATIVE AUDIT

DEPARTMENT OF

INFORMATION TECHNOLOGY

SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE

(An Autonomous Institution)
Puducherry - 605 107

ACADEMIC AND ADMINISTRATIVE AUDIT

(Academic Year 2020-2021)

External Audit

SECTION –1: BASIC INFORMATION

Audit Date	18.11.2021	
Name of the Department	Information Technology	
Year of Establishment	1999	
Programs Offered	Name of the Program: B.Tech (Information Technology) — Approved Intake: **180** Name of the Program: M.Tech (Networking) — Approved Intake: **18**	
Head of the Department	**Dr.R. Raju, Professor**	
Number of full time Teachers	Professor	**4**
	Associate Professor	**9**
	Assistant Professor	**31**
Number of Technical Staff		
Number of Students	For B.Tech:	For M.Tech

Year	Strength
First Year	**157**
Second Year	**161**
Third Year	**137**
Fourth Year	**152**
Total	**607**

Year	Strength
First Year	**1**
Second Year	**1**
Total	**2**

Faculty Student Ratio	**13.84**	

SECTION –2: CURRICULAR ASPECTS

2.1 Academic Plan

S.No	Particular	Available (Yes / No)	Remarks
1	Department Academic Calendar		
2	Faculty Subject Preferences		
3	Elective choices from the Students		
4	Course allotment to the Faculty		
5	Time Table (UG and PG)		
6	Lesson plan for each Course		

2.2 Participation of the Faculty in the Curriculum development for courses offered in UG and PG programs

S.No	Name of the Faculty	Participated as	Course	Year / Sem
1	Dr.R.Raju	Head	Revised 5th and 6thsem courses	-
2	Dr.T.Vigneswari	Coordinator and Syllabus Framing	Revised 3rd and 4thsemM.Tech courses Curriculum and syllabus design for M.Tech Data Science	-
4	Dr.S.Geetha	Coordinator and Syllabus framing	Revised 5th and 6thsem courses	-

2.3 List of Professional Elective Courses offered by the department

S.No	Year / Sem	Name of the Elective Course	Course Code	Number of Students Registered
1	II/IV	Storage Technologies	U19ITE41	-
2	II/IV	Computer Vision	U19ITE42	53
3	II/IV	Object Oriented Analysis and Design	U19ITE43	55
4	II/IV	Agile Methodologies	U19ITE44	53
5	II/IV	Information Coding Techniques	U19ITE45	-
6	III/V	Computer Hardware and Troubleshooting	ITE51	137
7	III/VI	Software Project Management	ITE62	137
8	III/VI	Object Oriented Analysis and Design	ITE66	137
9	IV/VII	Software Testing	ITE72	152
10	IV/VII	Cloud Computing	ITE78	152
11	IV/VIII	E-Commerce	ITE81	152

2.4 List of Open Elective Courses offered by Other department

S.No	Year / Sem	Offering Department	Name of the Elective Course	Course Code	Number of Students Registered
1	II/IV	ECE	Consumer Electronics	U19ECO42	-
2	II/IV	ICE	Sensors and Transducers	U19ICO41	-
3	II/IV	ICE	Control System Engineering	U19ICO42	-
4	II/IV	CIVIL	Energy and Environment	U19CEO41	55
5	II/IV	BME	Medical Electronics	U19BMO41	52
6	II/IV	BME	Telemedicine	U19BMO42	-
7	II/IV	CCE	Introduction to Communication Systems	U19CCO42	54

2.5 List of Skill Development Courses offered by the department

S.No	Year / Sem	Name of the Skill Development Course	Course Code	Number of Students Registered
1	I/II	Demonstration of Workshop Practices	U20ITS201	157
2	II/III	General Proficiency – I	U19ITS31	161
3	II/III	Object Oriented Programming	U19ITS32	161
4	II/IV	General Proficiency - II	U19ITS41	161
5	II/IV	Networking	U19ITS42	161

2.6 List of Certification Courses offered by the department

S.No	Year / Sem	Name of the Certification Course	Course Code	Number of Students Registered
1	I/I	Web Programming-I	U20ITC190	157
2	I/II	Advanced Python Programming	U20ITC204	157
3	I/II	Web Programming-II	U20ITC291	157
4	II/III	Advanced Python Programming	U19ITC31	81
5	II/III	Web Programming (HTML, CSS, Javascript)	U19ITC39	80
6	II/IV	Internet of Things	U19ITC47	81
7	II/IV	CCNA – I	U19ITC43	80
8	III/V	Machine Learning	-	68
9	III/V	Data Science using R	-	69
10	III/VI	Artificial Intelligence and Edge Computing	-	68
11	III/VI	Blockchain	-	69

2.7 List of Mandatory Courses offered by the department

S.No	Year / Sem	Name of the Mandatory Course	Course Code	Number of Students Registered
1	I/I	Induction Program	U20ITM101	157
2	I/II	Environmental Science	U20ITM202	157
3	II/III	Physical Education	U19ITM31	161
4	II/IV	Indian Constitution	U19ITM41	161

SECTION –3: TEACHING, LEARNING AND EVALUATION

3.1 Course Delivery

Semester: I/I(2020-2024)

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1.	U20BST101 ENGINEERING MATHEMATICS – I (CALCULUS AND LINEAR ALGEBRA)	Mr.DEVANATHAN	60	60	64
2.	U20EST106 INTRODUCTION TO ENGINEERING: DISTINCTION, PRINCIPLES AND APPLICATION	Mr.N. THILAGAVATHI Dr. S. BALAJI Mrs.A.SARKUNAVATHI	45	45	45
3.	U20EST107 MICROELECTRONICS AND DIGITAL SYSTEM DESIGN	Mr.K.VINOTH Ms. P.SRIVIDDHYA	45	45	45
4.	U20EST109 PROBLEM SOLVING APPROACH	Dr.M. RAJESWARI Mr. SATHISH KRISHNA K Mrs. RANJITHA.S	45	45	45
5.	U20EST110 PROGRAMMING IN PYTHON	Mrs.POONGUZHALI.D Mrs.NIVETHA.R Mr.K.SHANMUGARAJA	45	45	46
6.	U20ESP108 MICRO ELECTRONICS AND DIGITAL SYSTEM DESIGN LABORATORY	Mr.K.VINOTH Ms. P.SRIVIDDHYA	30	30	30
7.	U20ESP111 PROGRAMMING IN PYTHON LABORATORY	Mrs.POONGUZHALI.D Mrs.NIVETHA.R Mr.K.SHANMUGARAJA	30	30	30

8.	U20ESP112 ENGINEERING GRAPHICS USING AUTOCAD	Mr.P.JAYAKUMAR Mr.A.GIRIPRASATH	30	30	30

Semester: II/III(2019-2023)

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1.	U19ITT31 NUMERICAL METHODS	Mrs.S.P. LAVANYA	60	60	62
2.	U19ITT32 DATA STRUCTURES	Dr. T. VIGNESWARI Mr.S.RAVIVARMAN Mr.V.VIJAYKARAN	45	45	45
3.	U19ITT33 DIGITAL DESIGN AND MICROPROCESSORS	Mr.SATHISH KRISHNA K Mr.T. MUGILAN Dr.M. RAJESWARI	45	45	45
4.	U19ITT34 DATABASE MANAGEMENT SYSTEMS	Mr. R. SARAVANAN Dr.S.GEETHA Mr.R. SURESH	45	45	45
5.	U19ITT35 COMPUTER NETWORKS	Mrs. SANDIYA.S Mrs.GOWRISUBADRA. K Dr.G.SHANMUGASUNDARAM	45	45	45
6.	U19ITT36 SOFTWARE ENGINEERING AND PROJECT MANAGEMENT	Mr.D. MURALI Dr.S. KALAIVANY Mr.NAVEENRAJ A	45	45	45
7.	U19ITP31 NUMERICAL METHODS USING C LABORATORY	Mr.S.RAVIVARMAN Mr.R.RAMJI Mr.NAVEENRAJ A	30	30	30
8.	U19ITP32 DATA STRUCTURES LABORATORY	Mrs.N.THILAGAVATHI Dr.S.GEETHA Mr.R. SURESH	30	30	30
9.	U19ITP33 DIGITAL DESIGN AND MICROPROCESSORS LABORATORY	Mr.V.VIJAYKARAN Mr.T. MUGILAN Dr.M. RAJESWARI	30	30	30
10.	U19ITP34 DATABASE MANAGEMENT SYSTEMS LABORATORY	Mrs.SANDIYA.S Mrs.GOWRISUBADRA. K Dr.G.SHANMUGASUNDARAM	30	30	30

Semester: II/IV(2019-2023)

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1.	U19ITT41 DISCRETE MATHEMATICS AND GRAPH THEORY	Mr.SATHYASEELAN	60	60	60
2.	U19ITT42 PROGRAMMING IN JAVA	Dr.S.GEETHA Mrs.V. PADMAPRIYA Dr.S. ARTHEESWARI	45	45	45
3.	U19ITT43 OPERATING SYSTEM	Mrs.SANDIYA.S Mrs.S.PUSHPAVALLI Mr.R. SURESH	45	45	45
4.	U19ITT44 INTERNET AND WEB TECHNOLOGY	Mr. R. SARAVANAN MR.MOHAN KUMAR S Mr.T. MUGILAN	45	45	45
5.	U19ITE42 COMPUTER VISION	Mr.K.S.SEETHARAMAN	45	45	45

6.	U19ITE43 OBJECT ORIENTED ANALYSIS AND DESIGN	Dr.G.SHANMUGASUNDARAM	45	45	45
7.	U19ITE44 AGILE METHODOLOGIES	Mrs.AMUTHA S	45	45	45
8.	U19CEO41 ENERGY AND ENVIRONMENT	Mrs.K.SATHIYAPRIYA	45	45	45
9.	U19BMO41 MEDICAL ELECTRONICS	Dr. SENTHILKUMAR	45	45	45
10.	U19CCO42 INTRODUCTION TO COMMUNICATION SYSTEMS	Dr.V.SHANMUGAM	45	45	45
11.	U19ITM41 INDIAN CONSTITUTION	Mrs.B.SARALADEVI Mrs.K.SANDIA Mrs.N. KALAISELVI	45	45	45
12.	U19ITP41 PROGRAMMING IN JAVA LABORATORY	Dr.S.GEETHA / Mrs.SAKTHIYAVATHI. K Mrs.V. PADMAPRIYA / Mr.SATHISH KRISHNA K Dr.S. ARTHEESWARI / Mr.D. MURALI	30	30	30
13.	U19ITP42 OPERATING SYSTEM LABORATORY	Mrs.SANDIYA.S Mrs.S.PUSHPAVALLI Mr.R. SURESH	30	30	30
14.	U19ITP43 WEB TECHNOLOGY LABORATORY	Mr. R. SARAVANAN Mr.MOHAN KUMAR S Mr.T. MUGILAN	30	30	30

Semester: III/V(2018-2022)

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1.	IT-T51 COMMUNICATION ENGINEERING-II	Mr.K. UTHAYASURIYAN Mr.K. VINOTH	45	45	45
2.	IT-T52 SOFTWARE ENGINEERING	Mr.P. SARAVANAN Dr. S. BALAJI	45	45	45
3.	IT-T53 OPERATING SYSTEMS	Mrs.N. THILAGAVATHI DR. C. PUNITHA DEVI	45	45	45
4.	IT-T54 DATA BASE MANAGEMENT SYSTEMS	Dr.S. ARTHEESWARI Mrs.M. HEMALATHA	45	45	45
5.	IT-T55 THEORY OF COMPUTATION	Mr.K.S.SEETHARAMAN Mr.R.RAMJI	45	45	45
6.	IT-E51 COMPUTER HARDWARE AND TROUBLESHOOTING	Mr.MOHAN KUMAR S Mrs.R.VANITHA	45	45	45
7.	IT-P51 COMMUNICATION ENGINEERING LAB	Mr.K.UDAYASURIYAN Mr.K. VINOTH	30	30	30
8.	IT-P52 OPERATING SYSTEMS LAB	Mrs.N. THILAGAVATHI / Mrs.R.VANITHA	30	30	30
9.		Ms.M.BANUPRIYA / Dr. S. BALAJI			
10.	IT-P53 DATA BASE MANAGEMENT SYSTEMS LAB	Dr.S. ARTHEESWARI / Mrs.B.SARALADEVI	30	30	30
11.		Mrs.K.SANDIA / Mrs.M. HEMALATHA			
12.	HS-P54 GENERAL PROFICIENCY-I	Dr.JAICHITHRA	30	30	30

Semester: III/VI(2028-2022)

S.No	Name of the Course / Code	NAME OF THE FACULTY	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1.	IT-T61 COMPUTER NETWORKS	Mr.K.LOGANATHAN Mr.R.RAMJI	45	45	45
2.	IT-T62 WEB TECHNOLOGY	Mrs.GOWRISUBADRA. K Mr.P. S. VIJAYA BASKARAN	45	45	45
3.	IT-T63 ARTIFICIAL INTELLIGENCE	Mrs.R.VANITHA Mr.D. MURALI	45	45	45
4.	IT-T64 INFORMATION CODING TECHNIQUES	Mrs.SAKTHIYAVATHI. K Mr.V.VIJAYKARAN	45	45	45
5.	IT-E62 SOFTWARE PROJECT MANAGEMENT	Mrs.N. KALAISELVI Mrs.S.AMUTHA	45	45	45
6.	IT-E66 OBJECT ORIENTED ANALYSIS AND DESIGN	Mr.P. SARAVANAN Mrs.M. HEMALATHA	45	45	45
7.	IT-P61 COMPUTER NETWORKS LAB	Mr.K.LOGANATHAN / Mrs.R.VANITHA Mr.R.RAMJIMr.K.S.SEETHARAMAN	30	30	30
8.	IT-P62 WEB TECHNOLOGY LAB	Mrs.GOWRISUBADRA. K / Ms.RANJITHA.S Mr.P. S. VIJAYA BASKARAN / Mrs.A.SARKUNAVATHI	30	30	30
9.	IT-P63 MINI PROJECT	Mr.P.SARAVANAN Mrs.M. HEMALATHA	30	30	30
10.	HS-P64 GENERAL PROFICIENCY-II	Mrs.SUGHANYA	30	30	30

Semester: IV/VII(2017-2021)

S. No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1.	IT-T71 MOBILE COMPUTING	Mrs.V. PADMAPRIYA Mr.K.KISHORE ANTHUVAN SAHAYARAJ Mrs.E. POONGUZHALI	45	45	45
2.	IT-T72 WEB SERVICES AND XML	Mr. D. MURALI Mr.K.LOGANATHAN Mr P. S. VIJAYA BASKARAN	45	45	45
3.	IT-T73 CRYPTOGRAPHY AND NETWORKSECURITY	Mrs. A.SARKUNAVATHI Mrs.B.SARALADEVI Mr.D. MURALI	45	45	45
4.	IT-E72 SOFTWARE TESTING	Mrs.N. KALAISELVI Mrs.SAKTHIYAVATHI. K Mrs.S. AMUTHA	45	45	45
5.	IT-E78 CLOUD COMPUTING	Mrs.K.SANDIA Ms M.BANUPRIYA DR.S. KALAIVANY	45	45	45
6.	IT-P71 MOBILE COMPUTING LAB	Mrs.V.PADMAPRIYA / Mr.P. SARAVANAN Mr.K.KISHORE ANTHUVAN SAHAYARAJ /Mr.K.S.SEETHARAMAN Mrs.E. POONGUZHALI / Mrs.N. KALAISELVI	30	30	30

6.	Mr.K.VINOTH Ms. P.SRIVIDDHYA	U20ESP108 MICRO ELECTRONICS AND DIGITAL SYSTEM DESIGN LABORATORY	MANUAL/WORKBOOK
7.	Mrs.POONGUZHALI.D Mrs.NIVETHA.R Mr.K.SHANMUGARAJA	U20ESP111 PROGRAMMING IN PYTHON LABORATORY	MANUAL/WORKBOOK
8.	Mr.P.JAYAKUMAR Mr.A.GIRIPRASATH	U20ESP112 ENGINEERING GRAPHICS USING AUTOCAD	-

Semester: II / III (2019-2023)

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1.	Mrs.LAVANYA	U19ITT31 NUMERICAL METHODS	PPT
2.	Dr. T. VIGNESWARI Mr.S.RAVIVARMAN Mr.V.VIJAYKARAN	U19ITT32 DATA STRUCTURES	PPT
3.	Mr.SATHISH KRISHNA K Mr.T. MUGILAN Dr.M. RAJESWARI	U19ITT33 DIGITAL DESIGN AND MICROPROCESSORS	PPT
4.	Mr. R. SARAVANAN Dr.S.GEETHA Mr.R. SURESH	U19ITT34 DATABASE MANAGEMENT SYSTEMS	PPT
5.	Mrs. SANDIYA.S Mrs.GOWRISUBADRA. K Dr.G.SHANMUGASUNDARAM	U19ITT35 COMPUTER NETWORKS	PPT
6.	Mr.D. MURALI Dr.S. KALAIVANY Mr.NAVEENRAJ A	U19ITT36 SOFTWARE ENGINEERING AND PROJECT MANAGEMENT	PPT
7.	Mr.S.RAVIVARMAN Mr.R.RAMJI Mr.NAVEENRAJ A	U19ITP31 NUMERICAL METHODS USING C LABORATORY	MANUAL/WORKBOOK
8.	Mrs.N.THILAGAVATHI Dr.S.GEETHA Mr.R. SURESH	U19ITP32 DATA STRUCTURES LABORATORY	MANUAL/WORKBOOK
9.	Mr.V.VIJAYKARAN Mr.T. MUGILAN Dr.M. RAJESWARI	U19ITP33 DIGITAL DESIGN AND MICROPROCESSORS LABORATORY	MANUAL/WORKBOOK
10.	Mrs.SANDIYA.S Mrs.GOWRISUBADRA. K Dr.G.SHANMUGASUNDARAM	U19ITP34 DATABASE MANAGEMENT SYSTEMS LABORATORY	MANUAL/WORKBOOK

Semester: II/IV(2019-2023)

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1.	Mr.SATHYASEELAN	U19ITT41 DISCRETE MATHEMATICS AND GRAPH THEORY	PPT
2.	Dr.S.GEETHA Mrs.V. PADMAPRIYA Dr.S. ARTHEESWARI	U19ITT42 PROGRAMMING IN JAVA	PPT
3.	Mrs.SANDIYA.S Mrs.S.PUSHPAVALLI Mr.R. SURESH	U19ITT43 OPERATING SYSTEM	PPT
4.	Mr. R. SARAVANAN MR.MOHAN KUMAR S Mr.T. MUGILAN	U19ITT44 INTERNET AND WEB TECHNOLOGY	PPT
5.	Mr.K.S.SEETHARAMAN	U19ITE42 COMPUTER VISION	PPT
6.	Dr.G.SHANMUGASUNDARAM	U19ITE43 OBJECT ORIENTED ANALYSIS AND DESIGN	PPT
7.	Mrs.AMUTHA S	U19ITE44 AGILE METHODOLOGIES	PPT
8.	Mrs.K.SATHIYAPRIYA	U19CEO41 ENERGY AND ENVIRONMENT	PPT
9.	Dr. SENTHILKUMAR	U19BMO41MEDICAL ELECTRONICS	PPT

7.	IT-P72 WEB SERVICES AND XML LAB	Mrs.AMUTHA S / Mrs.SAKTHIYAVATHI. K K.LOGANATHAN / Mr.SATHISH KRISHNA K Mrs. P. S. VIJAYA BASKARAN / Mr.MOHAN KUMAR S	30	30	30
8.	IT-P73 PROJECT WORK PHASE-I	Dr. T. VIGNESWARI Dr. R. RAJU Dr. C. PUNITHA DEVI	30	30	30
9.	IT-P74 SEMINAR	Mrs.A.SARKUNAVATHI	30	30	30
10.	IT-P75 INDUSTRIAL TRAINING / INTERNSHIP	Mr.R.SURESH	30	30	30

Semester: IV/VIII(2017-2021)

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1.	IT-T81 PROFESSIONAL ETHICS	Mr.K.KISHORE ANTHUVAN SAHAYARAJ Mrs.E. POONGUZHALI Mrs.M. BANUPRIYA	45	45	45
2.	IT-T82 DISTRIBUTED COMPUTING	Dr C. PUNITHA DEVI Dr. T. VIGNESWARI Mrs.M. BANUPRIYA	45	45	45
3.	IT-E81 E-COMMERCE	Mr.K.SANDIA Mrs.B.SARALADEVI Dr.S. KALAIVANY	45	45	45
4.	IT-P81 PROJECT WORK PHASE-II	Dr. C. PUNITHA DEVI / Dr.G.SHANMUGASUNDARAM Dr R.RAJU/ Dr.M. RAJESWARI Dr T.VIGNESHWARI / Dr.S. KALAIVANY	30	30	30
5.	IT-P82 COMPREHENSIVE VIVA VOCE	Dr. S. BALAJI Mr.NAVEENRAJ A Mrs.AMUTHA S	30	30	30

3.2 Use of ICT Tools in Teaching Learning

Semester: I/I(2020-2024)

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1.	Mr.DEVANATHAN	U20BST101 ENGINEERING MATHEMATICS – I (CALCULUS AND LINEAR ALGEBRA)	PPT
2.	Mr.N. THILAGAVATHI Dr. S. BALAJI Mrs.A.SARKUNAVATHI	U20EST106 INTRODUCTION TO ENGINEERING: DISTINCTION, PRINCIPLES AND APPLICATION	PPT
3.	Mr.K.VINOTH Ms. P.SRIVIDDHYA	U20EST107 MICROELECTRONICS AND DIGITAL SYSTEM DESIGN	PPT
4.	Dr.M. RAJESWARI Mr. SATHISH KRISHNA K Mrs. RANJITHA.S	U20EST109 PROBLEM SOLVING APPROACH	PPT
5.	Mrs.POONGUZHALI.D Mrs.NIVETHA.R Mr.K.SHANMUGARAJA	U20EST110 PROGRAMMING IN PYTHON	PPT

10.	Dr.V.SHANMUGAM	U19CCO42 INTRODUCTION TO COMMUNICATION SYSTEMS	PPT
11.	Mrs.B.SARALADEVI Mrs.K.SANDIA Mrs.N. KALAISELVI	U19ITM41 INDIAN CONSTITUTION	PPT
12.	Dr.S.GEETHA / Mrs.SAKTHIYAVATHI. K Mrs.V. PADMAPRIYA / Mr.SATHISH KRISHNA K Dr.S. ARTHEESWARI / Mr.D. MURALI	U19ITP41 PROGRAMMING IN JAVA LABORATORY	MANUAL/WORKBOOK
13.	Mrs.SANDIYA.S Mrs.S.PUSHPAVALLI Mr.R. SURESH	U19ITP42 OPERATING SYSTEM LABORATORY	MANUAL/WORKBOOK
14.	Mr. R. SARAVANAN Mr.MOHAN KUMAR S Mr.T. MUGILAN	U19ITP43 WEB TECHNOLOGY LABORATORY	MANUAL/WORKBOOK

Semester: III/V(2018-2022)

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1.	Mr.K. UTHAYASURIYAN Mr.K. VINOTH	IT-T51 COMMUNICATION ENGINEERING-II	PPT
2.	Mr.P. SARAVANAN Dr. S. BALAJI	IT-T52 SOFTWARE ENGINEERING	PPT
3.	Mrs.N. THILAGAVATHI DR. C. PUNITHA DEVI	IT-T53 OPERATING SYSTEMS	PPT
4.	Dr.S. ARTHEESWARI Mrs.M. HEMALATHA	IT-T54 DATA BASE MANAGEMENT SYSTEMS	PPT
5.	Mr.K.S.SEETHARAMAN Mr.R.RAMJI	IT-T55 THEORY OF COMPUTATION	PPT
6.	Mr.MOHAN KUMAR S Mrs.R.VANITHA	IT-E51 COMPUTER HARDWARE AND TROUBLESHOOTING	PPT
7.	Mr.K.UDAYASURIYAN Mr.K. VINOTH	IT-P51 COMMUNICATION ENGINEERING LAB	PPT
8.	Mrs.N. THILAGAVATHI / Mrs.R.VANITHA Ms.M.BANUPRIYA / Dr. S. BALAJI	IT-P52 OPERATING SYSTEMS LAB	MANUAL/WORKBOOK
9.	Dr.S. ARTHEESWARI / Mrs.B.SARALADEVI Mrs.K.SANDIA / Mrs.M. HEMALATHA	IT-P53 DATA BASE MANAGEMENT SYSTEMS LAB	MANUAL/WORKBOOK
10.	Dr.JAICHITHRA	HS-P54/GENERAL PROFICIENCY-I	PPT

Semester: III/VI(2028-2022)

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1.	Mr.K.LOGANATHAN Mr.R.RAMJI	IT-T61 COMPUTER NETWORKS	PPT
2.	Mrs.GOWRISUBADRA. K Mr.P. S. VIJAYA BASKARAN	IT-T62 WEB TECHNOLOGY	PPT
3.	Mrs.R.VANITHA Mr.D. MURALI	IT-T63 ARTIFICIAL INTELLIGENCE	PPT
4.	Mrs.SAKTHIYAVATHI. K Mr.V.VIJAYKARAN	IT-T64 INFORMATION CODING TECHNIQUES	PPT
5.	Mrs.N. KALAISELVI Mrs.S.AMUTHA	IT-E62 SOFTWARE PROJECT MANAGEMENT	PPT
6.	Mr.P. SARAVANAN Mrs.M. HEMALATHA	IT-E66 OBJECT ORIENTED ANALYSIS AND DESIGN	PPT
7.	Mr.K.LOGANATHAN / Mrs.R.VANITHA Mr.R.RAMJIMr.K.S.SEETHARAMAN	IT-P61 COMPUTER NETWORKS LAB	MANUAL/WORKBOOK
8.	Mrs.GOWRISUBADRA. K / Ms.RANJITHA.S Mr.P. S. VIJAYA BASKARAN / Mrs.A.SARKUNAVATHI	IT-P62 WEB TECHNOLOGY LAB	MANUAL/WORKBOOK

9.	Mr.P.SARAVANAN Mrs.M. HEMALATHA	IT-P63 MINI PROJECT	PROJECT TEMPLATE
10.	Mrs.SUGHANYA	HS-P64 GENERAL PROFICIENCY-II	PPT

Semester: IV/VII(2017-2021)

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1.	Mrs.V. PADMAPRIYA Mr.K.KISHORE ANTHUVAN SAHAYARAJ Mrs.E. POONGUZHALI	IT-T71 MOBILE COMPUTING	PPT
2.	Mr. D. MURALI Mr.K.LOGANATHAN Mr P. S. VIJAYA BASKARAN	IT-T72 WEB SERVICES AND XML	PPT
3.	Mrs. A.SARKUNAVATHI Mrs.B.SARALADEVI Mr.D. MURALI	IT-T73 CRYPTOGRAPHY AND NETWORK SECURITY	PPT
4.	Mrs.N. KALAISELVI Mrs.SAKTHIYAVATHI. K Mrs.S. AMUTHA	IT-E72 SOFTWARE TESTING	PPT
5.	Mrs.K.SANDIA Ms M.BANUPRIYA DR.S. KALAIVANY	IT-E78 CLOUD COMPUTING	PPT
6.	Mrs.V.PADMAPRIYA / Mr.P. SARAVANAN Mr.K.KISHORE ANTHUVAN SAHAYARAJ /Mr.K.S.SEETHARAMAN Mrs.N. KALAISELVI	IT-P71 MOBILE COMPUTING LAB	MANUAL/WORKBOOK
7.	Mrs.AMUTHA S / Mrs.SAKTHIYAVATHI. K K.LOGANATHAN / Mr.SATHISH KRISHNA K Mrs. P. S. VIJAYA BASKARAN / Mr.MOHAN KUMAR S	IT-P72 WEB SERVICES AND XML LAB	MANUAL/WORKBOOK
8.	Dr. T. VIGNESWARI Dr. R. RAJU Dr. C. PUNITHA DEVI	IT-P73 PROJECT WORK PHASE-I	PROJECT REPORT TEMPLATE
9.	Mrs.A.SARKUNAVATHI	IT-P74 SEMINAR	PPT

Semester: IV/VIII(2017-2021)

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1.	Mr.K.KISHORE ANTHUVAN SAHAYARAJ Mrs.E. POONGUZHALI Mrs.M. BANUPRIYA	IT-T81 PROFESSIONAL ETHICS	PPT
2.	Dr C. PUNITHA DEVI Dr. T. VIGNESWARI Mrs.M. BANUPRIYA	IT-T82 DISTRIBUTED COMPUTING	PPT
3.	Mr.K.SANDIA Mrs.B.SARALADEVI Dr.S. KALAIVANY	IT-E81 E-COMMERCE	PPT
4.	Dr. C. PUNITHA DEVI / Dr.G.SHANMUGASUNDARAM Dr R.RAJU/ Dr.M. RAJESWARI Dr T.VIGNESHWARI / Dr.S. KALAIVANY	IT-P81 PROJECT WORK PHASE-II	PROJECT REPORT TEMPLATE
5.	Dr. S. BALAJI Mr.NAVEENRAJ A Mrs.AMUTHA S	IT-P82 COMPREHENSIVE VIVA VOCE	-

3.3 List of Expert Lectures / Workshop Conducted

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
1.	Guest Lecture on Research Innovations in Science and Technology	Mr.Balagurunathan, Neyveli Science Forum	13.9.2020	100
2.	Workshop on Layers and Protocols	Mr.Subhaiya, Dynamic Networking Institute	16.9.2020	110
3.	Guest Lecture on Know how to find the dream	Mr.SarathGurupath, Life Skill Trainer	11.9.2020	120
4.	Guest Lecture on British Council –IELTS Orientation	Mr.Keerthivasan, British Council	23.9.2020	150
5.	Guest Lecture on Artificial Emotional Intelligence	Dr.V.PrasannaVenkatesan, Pondicherry University	24.8.2020	137
6.	Workshop on Devops	Mr.Santhosh M IBM	29.10.2020, 30.10.2020	150
7.	Workshop on Recent Advances on IT	Dr.Mohanraj, Renault Nissan	29.10.2020, 30.10.2020	150
8.	Guest Lecture on Application of Numerical Methods for Engineers	Dr.R.Sivaraj, VIT	28.11.2020	161
9.	Guest Lecture on Web Technology-Rest APIs	Mr.NirmalKumar.P, ZOHO	24.4.2021	100
10.	Guest Lecture on Scrum Methodology	Dr.V.PrasannaVenkatesan, Pondicherry University	27.4.2021	150
11.	Workshop on Angular JS from Scratch to Development	Mr.AjaySharvesh, HOOPY	29.4.2021-13.4.2021	150
12.	Guest Lecture on OOAD-Industry Perspective	Dr.V.PrasannaVenkatesan, Pondicherry University	04.5.2021	150
13.	Webinar on Awareness on World Environment Day	Mr.K.S.Seetharaman	05.6.2021	161

3.4 Activities for Slow and Advanced Learners

Semester: I/I(2020-2024)

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1.	U20BST101 ENGINEERING MATHEMATICS – I (CALCULUS AND LINEAR ALGEBRA)	Mr.DEVANATHAN	Yes	8	Yes
2.	U20EST106 INTRODUCTION TO ENGINEERING: DISTINCTION, PRINCIPLES AND APPLICATION	Mr.N. THILAGAVATHI	Yes	8	Yes
		Dr. S. BALAJI	Yes	8	Yes
		Mrs.A.SARKUNAVATHI	Yes	8	Yes
3.	U20EST107 MICROELECTRONICS AND DIGITAL SYSTEM DESIGN	Mr.K.VINOTH	Yes	8	Yes
		Ms. P.SRIVIDDHYA	Yes	8	Yes
			Yes	8	Yes
4.	U20EST109 PROBLEM SOLVING APPROACH	Dr.M. RAJESWARI	Yes	8	Yes
		Mr. SATHISH KRISHNA K	Yes	8	Yes
		Mrs. RANJITHA.S	Yes	8	Yes
5.	U20EST110 PROGRAMMING IN PYTHON	Mrs.POONGUZHALI.D	Yes	8	Yes
		Mrs.NIVETHA.R	Yes	8	Yes
		Mr.K.SHANMUGARAJA	Yes	8	Yes

Semester: II/III(2019-2023)

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1.	U19ITT31 NUMERICAL METHODS	Mrs.LAVANYA	Yes	8	Yes
2.	U19ITT32 DATA STRUCTURES	Mrs.N. THILAGAVATHI	Yes	8	Yes
		Mrs.E. POONGUZHALI	Yes	8	Yes
		Mr.A.KAILAS	Yes	8	Yes
3.	U19ITT33 DIGITAL DESIGN AND MICROPROCESSORS	Dr. R. RAJU	Yes	8	Yes
		Mrs.GOWRISUBADRA. K	Yes	8	Yes
		Mrs.R.VANITHA	Yes	8	Yes
4.	U19ITT34 DATABASE MANAGEMENT SYSTEMS	Dr.S.GEETHA	Yes	8	Yes
		Mrs.A.SARKUNAVATHI	Yes	8	Yes
		Mrs.S. PRAMILA	Yes	8	Yes
5.	U19ITT35 COMPUTER NETWORKS	Mrs.D.AISHWARYA	Yes	8	Yes
		Mr.K.S.SEETHARAMAN	Yes	8	Yes
		Mr.SATHISH KRISHNA K	Yes	8	Yes
6.	U19ITT36 SOFTWARE ENGINEERING AND PROJECT MANAGEMENT	Mrs.K.SANDIA	Yes	8	Yes
		Mr.C. THAMARAIKANNAN	Yes	8	Yes
		Mr.NAVEENRAJ A	Yes	8	Yes

Semester: II/IV(2019-2023)

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1.	U19ITT41 DISCRETE MATHEMATICS AND GRAPH THEORY	Mr.SATHYASEELAN	Yes	8	Yes
2.	U19ITT42 PROGRAMMING IN JAVA	Dr.S.GEETHA	Yes	8	Yes
		Mrs.V. PADMAPRIYA	Yes	8	Yes
		Dr.S. ARTHEESWARI	Yes	8	Yes
3.	U19ITT43 OPERATING SYSTEM	Mrs.SANDIYA.S	Yes	8	Yes
		Mrs.S.PUSHPAVALLI	Yes	8	Yes
		Mr.R. SURESH	Yes	8	Yes
4.	U19ITT44 INTERNET AND WEB TECHNOLOGY	Mr. R. SARAVANAN	Yes	8	Yes
		MR.MOHAN KUMAR S	Yes	8	Yes
		Mr.T. MUGILAN	Yes	8	Yes
5.	U19ITE42 COMPUTER VISION	Mr.K.S.SEETHARAMAN	Yes	8	Yes
6.	U19ITE43 OBJECT ORIENTED ANALYSIS AND DESIGN	Dr.G.SHANMUGASUNDARAM	Yes	8	Yes
7.	U19ITE44 AGILE METHODOLOGIES	Mrs.AMUTHA S	Yes	8	Yes
8.	U19CEO41 ENERGY AND ENVIRONMENT	Mrs.K.SATHIYAPRIYA	Yes	8	Yes
9.	U19BMO41 MEDICAL ELECTRONICS	Dr. SENTHILKUMAR	Yes	8	Yes
10.	U19CCO42 INTRODUCTION TO COMMUNICATION SYSTEMS	Dr.V.SHANMUGAM	Yes	8	Yes

Semester: III/V(2018-2022)

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1.	IT-T51 COMMUNICATION ENGINEERING-II	Mr.K. UTHAYASURIYAN	Yes	8	Yes
		Mr.K. VINOTH	Yes	8	Yes
2.	IT-T52 SOFTWARE ENGINEERING	Mr.P. SARAVANAN	Yes	8	Yes
		Dr. S. BALAJI	Yes	8	Yes
3.	IT-T53 OPERATING SYSTEMS	Mrs.N. THILAGAVATHI	Yes	8	Yes
		DR. C. PUNITHA DEVI	Yes	8	Yes
4.	IT-T54 DATA BASE MANAGEMENT SYSTEMS	Dr.S. ARTHEESWARI	Yes	8	Yes
		Mrs.M. HEMALATHA	Yes	8	Yes
5.	IT-T55 THEORY OF COMPUTATION	Mr.K.S.SEETHARAMAN	Yes	8	Yes
		Mr.R.RAMJI	Yes	8	Yes
6.	IT-E51 COMPUTER HARDWARE AND TROUBLESHOOTING	Mr.MOHAN KUMAR S	Yes	8	Yes
		Mrs.R.VANITHA	Yes	8	Yes

Semester: III/VI(2018-2022)

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1.	IT-T61 COMPUTER NETWORKS	Mr.K.LOGANATHAN	Yes	8	Yes
		Mr.R.RAMJI	Yes	8	Yes
2.	IT-T62 WEB TECHNOLOGY	Mrs.GOWRISUBADRA. K	Yes	8	Yes
		Mr.P. S. VIJAYA BASKARAN	Yes	8	Yes
3.	IT-T63 ARTIFICIAL INTELLIGENCE	Mrs.R.VANITHA	Yes	8	Yes
		Mr.D. MURALI	Yes	8	Yes
4.	IT-T64 INFORMATION CODING TECHNIQUES	Mrs.SAKTHIYAVATHI. K	Yes	8	Yes
		Mr.V.VIJAYKARAN	Yes	8	Yes
5.	IT-E62 SOFTWARE PROJECT MANAGEMENT	Mrs.N. KALAISELVI	Yes	8	Yes
		Mrs.S.AMUTHA	Yes	8	Yes
6.	IT-E66 OBJECT ORIENTED ANALYSIS AND DESIGN	Mr.P. SARAVANAN	Yes	8	Yes
		Mrs.M. HEMALATHA	Yes	8	Yes

Semester: IV/VII(2017-2021)

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1.	IT-T71 MOBILE COMPUTING	Mrs.V. PADMAPRIYA	Yes	8	Yes
		Mr.K.KISHORE ANTHUVAN SAHAYARAJ	Yes	8	Yes
		Mrs.E. POONGUZHALI	Yes	8	Yes
2.	IT-T72 WEB SERVICES AND XML	Mr. D. MURALI	Yes	8	Yes
		Mr.K.LOGANATHAN	Yes	8	Yes
		Mr P. S. VIJAYA BASKARAN	Yes	8	Yes
3.	IT-T73 CRYPTOGRAPHY AND NETWORK SECURITY	Mrs. A.SARKUNAVATHI	Yes	8	Yes
		Mrs.B.SARALADEVI	Yes	8	Yes
		Mr.D. MURALI	Yes	8	Yes
4.	IT-E72 SOFTWARE TESTING	Mrs.N. KALAISELVI	Yes	8	Yes
		Mrs.SAKTHIYAVATHI. K	Yes	8	Yes
		Mrs.S. AMUTHA	Yes	8	Yes
5.	IT-E78 CLOUD COMPUTING	Mrs.K.SANDIA	Yes	8	Yes
		Ms M.BANUPRIYA	Yes	8	Yes
		DR.S. KALAIVANY	Yes	8	Yes

Semester: IV/VIII(2017-2021)

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1.	IT-T82 DISTRIBUTED COMPUTING	Dr C. PUNITHA DEVI	Yes	8	Yes
		Dr. T. VIGNESWARI	Yes	8	Yes
		Mrs.M. BANUPRIYA	Yes	8	Yes
2.	IT-E81 E-COMMERCE	Mr.K.SANDIA	Yes	8	Yes
		Mrs.B.SARALADEVI	Yes	8	Yes
		Dr.S. KALAIVANY	Yes	8	Yes

3.5 Counseling and Mentoring

S.No	Particular	Yes / No	Remarks (if any)
1	Mentor Allocation	Yes	Mentors assigned to students remain the same until completion of the course
2	Class wise student Profile Record Maintained	Yes	Available and verified
3	Mentor – Mentee Session Record Maintained	Yes	Available and verified

No. of Students in Department	Number of Full Time Teachers in the Department	Mentor : Mentee Ratio
609	44	1:15

3.6 Internal Evaluation Systems

S.No	Particular	Yes / No	Remarks (if any)
1	Continuous Assessment Test Record	**Yes**	Sample answer scripts are maintained or each course Tests conducted in Online was done through Google classroom and sample of the scanned copy is available
2	Seminar / Project Review Record	**Yes**	Seminar topics assigned are recent and appropriate Reports are maintained and verified
3	End Semester Examination Record	**Yes**	Photo copies of the mark sheets and galley sheets are maintained and verified
4	Student Grade Report	**Yes**	Available and Verified

3.7 Learning Outcomes

S.No	Particular	Yes / No	Remarks (if any)
1	PO, PEO, PSO, CO are well stated	**Yes**	Feedback received from all stakeholders and has followed the procedure as per NBA requirements
2	Correlation of COs with POs and PSOs for each Course	**Yes**	The correlation table and justification stated has been verified and found satisfactory
3	Course Outcome Attainment Calculated	**Yes**	**Mention the target:** ➢ For the final year (17-21 batch) the set attainment level is 55% of students to secure B grade and above. ➢ For the third year (18-22 batch) the set attainment level is 58% of students to secure B grade and above. ➢ For the academic year 2020-21 the committee has proposed the set attainment level to be 55% of students to secure C grade and above for 19-23 batch (II year) due to the introduction of revised and new autonomous curriculum ➢ For the academic year 2020-21 the committee has proposed the set attainment level to be 55% of students to secure C grade and above for 20-24 batch (I year) due to the introduction of revised and new autonomous curriculum
4	PSO and PO attainment through CO	**Yes**	The relevant files are available and one course has been completely verified

3.8 Student Performance in End Semester Examination

Semester – I/I (2020-2024)

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	**156**	
2	Number of All Clear Students	**145**	
3	Number of Students passed with Distinction	**-**	
4	Number of Students passed with First Class	**-**	
5	Number of Students passed with Second Class	**-**	
6	Number of Students Failed	**11**	
7	Passing Percentage	**93%**	

Semester – II/III (2019-2023)

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	161	
2	Number of All Clear Students	113	
3	Number of Students passed with Distinction	-	
4	Number of Students passed with First Class	-	
5	Number of Students passed with Second Class	-	
6	Number of Students Failed	48	
7	Passing Percentage	70%	

Semester – II/IV (2019-2023)

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	161	
2	Number of All Clear Students	141	
3	Number of Students passed with Distinction	-	
4	Number of Students passed with First Class	-	
5	Number of Students passed with Second Class	-	
6	Number of Students Failed	20	
7	Passing Percentage	87%	

Semester – III/V (2018-2022)

Sr. No	Particular	B.Tech	M. Tech (I/I)
1	Number of Students appeared	137	1
2	Number of All Clear Students	122	1
3	Number of Students passed with Distinction	-	-
4	Number of Students passed with First Class	-	-
5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	15	-
7	Passing Percentage	89%	100%

Semester – III/VI (2018-2022)

Sr. No	Particular	B.Tech	M. Tech (I/II)
1	Number of Students appeared	137	1
2	Number of All Clear Students	134	1
3	Number of Students passed with Distinction	-	-
4	Number of Students passed with First Class	-	-
5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	3	-
7	Passing Percentage	98%	100%

Semester – IV/VII (2017-2021)

Sr. No	Particular	B.Tech	M. Tech (II/III)
1	Number of Students appeared	152	1
2	Number of All Clear Students	144	1
3	Number of Students passed with Distinction	-	-
4	Number of Students passed with First Class	-	-
5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	8	0
7	Passing Percentage	95%	100%

Semester – IV/VIII (2017-2021)

Sr. No	Particular	B.Tech	M. Tech (II/IV)
1	Number of Students appeared	152	1
2	Number of All Clear Students	152	1
3	Number of Students passed with Distinction	-	-
4	Number of Students passed with First Class	-	-
5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	0	0
7	Passing Percentage	100%	100%

SECTION – IV: STRUCTURED FEEDBACK

S.No	Particular	Yes / No	Number of Feedback Collected	Remarks (if any)
1	Student Feedback on Teaching and Learning conducted with action taken report	Yes	600	QCM conducted regularly and action taken report has been attached and verified
2	Parent Meet / Parent Feedback on Teaching conducted with action taken report	Yes	24	Remedial measures were taken based on feedback given by the parents.
3	Student Exit Survey conducted and Analyzed	Yes	152	Based on the Analysis of graduate exit survey, the faculty member is advised to improve on low indicators.
4	Alumni Feedback conducted and Analyzed	Yes	30	Alumni have been actively involved in all aspects of the department and students. Action taken report is verified

SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS

5.1 Research Grants, Projects completed and ongoing from various Funding Agencies

S.No	Principle Investigator	Title of Project / Grants	Funding Agency	Amount (Rs. in Lakhs)	Duration of the project
1	NIL				

5.2 Consultancy Works

S.No	Name of the Faculty	Nature of Consultancy	Funding Agency	Fund Generated	Duration of the Consultancy
1	Dr.R.Raju	Software	Dizitive IT solutions	Rs. 2,00,000	1 Year
2	Dr.G.Shanmugasundaram	Software	SMV Software Solutions	Rs. 3,75,000	1 Year
3	Dr.T.Vigneswari	Software	Sysmantech	Rs. 2,66,000	6 Months
4	Dr.R. Raju	Software	Ethnotech Academic Solutions	Rs. 1,50,000	1 Year
5	Dr.R. Raju	Software	Ethnotech Academic Solutions	Rs. 1,20,000	1 Year

5.3 Faculty Publications

Publication Details (Last Four Years)

Sr. No	Academic Year	Papers Published in peer reviewed Journals	Scopus, Web of Science Indexing Papers	Total Number of Citations	h-index	Impact Factor range / Average ImpactFactors
1	2017-2018	7	7	11	2	0.1445
2	2018-2019	10	10	26	2	0.6595
3	2019-2020	43	32	10	4	3.3648
4	2020-2021	17	15	5	4	2.5336

Publication Details for Academic Year consider for Auditing

Number of Publication in National Journals	-
Number of Publication in International Journals	17
Number of Publication in National Conferences	-
Number of Publication in International Conferences	2
Number of Books / Book Chapters	1
Number of Patent (Filed)	7
Number of Patents Granted	-

National Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	ISBN / ISSN
	NIL			

International Journal

S. No	Title of the Paper	Name of the Authors	Name of the Journal	Vol, issue, pp, ISBN/ISSN	Indexing
1.	Verification of Adaptive IoT Gateway Architecture Using Colored Petri Nets	Dr.C. Punitha Devi, M.Sivaranjani, Diwahar.S, Dr. V. PrasannaVenkatesan	International Journal of Advanced Science and Technology	Vol. 29, No.4, (2020), pp. 4164-4181, June, 2020. ISSN: 2005-4238	Scopus
2.	Traffic Density Estimation Techniques: A Comparative Study	G. Shanmugasundaram, N. Thilgavathi, P. Keerthana, R. Priyadarshini, I. Deepalakshmi	International Journal of Advanced Science and Technology	Vol. 29, No. 4, (2020), pp. 6018 – 6030, June 2020. ISSN: 2005-4238	Scopus

3.	A Comparative Study on Stock Market Prediction	N. Kalaiselvi, S. Pushpavalli, S. Amirtha, V. Swaathi, S. ArchanaThangam	International Research Journal of Engineering and Technology	Volume: 07 Issue: 06, pp.2184-2189, June 2020. ISSN: 2395-0056	-
4.	Sentiment Analysis in Social Media and their Recent Trends	Dr.A.Swaminathan and Dr.R.Raju	Bioscience Biotechnology Research Communications	Volume XIII, Special Issue, 2020, PageNo:354-362, ISSN 0974-6455	Web of Science
5.	An Efficient MSB Bit Prediction Using Convolution Neural Network (CNN)	Dr.R.Raju, Dr.A.Swaminathan.	HTL Journal	Volume 26, Issue 11, pp. 1052-1058, November-2020. ISSN: 1006-6748	Scopus
6.	Taxonomy Creation Using Natural Language Processing	Dr.J.Madhusudanan, Dr. S. Geetha	Journal of Xidian University	Volume 14, ISSUE 6, pp. 2255-2260, June 2020. ISSN: 1001-2400	Scopus
7.	X-Ray Image Enhancement Using Cuckoo Algorithm	Amutha.S, VaserrMohamed.S, Hariprasath.S, Prince.R	International Research Journal of Engineering and Technology (IRJET)	Volume: 08, issue 03, pp: 1073-1077. March, 2021. ISSN: 2395-0056.	-
8.	Prediction Techniques of Heart Disease and Diabetes Disease using Machine Learning	Dr.S.Geetha, Dr.C.Punitha Devi, Kalaivani.C, Haritha.C.J,Preetha.G	Turkish Journal of Computer and Mathematics Education	Vol.12 No.10 (2021), pp.3316-3325, April 2021. ISSN: 1309-4653	Scopus
9.	A Survey on Plant Health Monitoring using IoT	Dr.S.Balaji, R.Saravanan, L.Suvetha, R.Anandhi, M.Jeevadharshini	Turkish Journal of Computer and Mathematics Education	Vol.12 No.10 (2021), pp.3763-3770, April 2021. ISSN: 1309-4653	Scopus
10.	A Survey On Securing Internet Of Medical Things Using Blockchain	Mrs.A.Susi, Mrs.E.Poonguzhali, R. Kowsalya, M. Visali, V. Priya	Turkish Journal of Computer and Mathematics Education	Vol.12 No.10 (2021), pp.5770-5776, April 2021. ISSN: 1309-4653	Scopus
11.	Banking Chatbot (B-Bot)	Dr. C. Punitha Devi, Dr.S.Geetha, N. Nagalakshmi, S. Karthiga , V. Suvedha	Turkish Journal of Computer and Mathematics Education	Vol.12 No.10 (2021), pp.5795-5804, April 2021. ISSN: 1309-4653	Scopus
12.	Farm's Smart BOT	Dr.S. Geetha, Dr. S. Balaji, Santhiya. A, Subashri. C, and Subicsha. S	Turkish Journal of Computer and Mathematics Education	Vol.12 No.10 (2021), pp.3299-3307, April 2021. ISSN: 1309-4653	Scopus

13.	Non-Invasive Health Monitoring: An Overview of Existing Scenario	N. Kalaiselvi, Dr.T. Vigneswari, Aishwarya B, Kesavapriya S, Puviarasi P	Turkish Journal of Computer and Mathematics Education	Vol.12 No.10 (2021), pp.3783-3787, April 2021. ISSN: 1309-4653	Scopus
14.	Smart IOT Cloud Based Livestock Monitoring System: A Survey	T.Vigneswari, N.Kalaiselvi, K.Mathumitha, Amara Niveditha, and AdhithiSowmian	Turkish Journal of Computer and Mathematics Education	Vol.12 No.10 (2021), pp.3308-3315, April 2021. ISSN: 1309-4653	Scopus
15.	A Survey On Extended Reality Trends And Different Frameworks Used For Augmented Reality Gaming	Dr.C.Punitha Devi, Dr.T.Vigneswari, Surya S, Hariharan R S, Vishnuprasad M	Turkish Journal of Physiotherapy and Rehabilitation	Vol.32(3) ISSN 2651-4451 | e-ISSN 2651-446X	Scopus
16.	Early prediction of cervical cancer using machine learning techniques	T.Vigneswari, N. Vijaya, N.Kalaiselvi	Turkish Journal of Physiotherapy and Rehabilitation	Vol.32(3) ISSN 2651-4451 | e-ISSN 2651-446X	Scopus
17.	Dwell Time Management using Machine Learningin Airport	Dr. C. PunithaDevi,Dr.T .Vigneswari, J. Jayalakshmi @ Madhumitha, V. Sowmiya, V. Bavithra	Annals of R.S.C.B.,	Vol. 25, Issue 5, 2021, Pages. 899-912 ISSN:1583-6258.	Scopus

National Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
1	NIL					

International Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
1	Securing Majority Attack Using ML	Dr. S. Geetha, Muraliprasath, Gokulnath.D, Saravanan .G	ICB&FT Conference Proceedings	International Virtual Conference on Banking & Financial Technology 2020	ISSN:nil	Department of Banking Technology, Pondicherry University
2	Underground Cable fault detection using Internet of Things	Mrs.E.Poongulali, Jaisandiya.R, Divyadarshni.S, Sathana.B	Proceedings of ICITCA	First International Conference on Information Technology, Computing and Applications (ICITCA-Online)	ISSN: 2582-4376	RSP Conference Hub, Coimbatore,

Books / Book Chapters

S.No	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
1	Design of a Smart ATM Using a Bio-Inspired Watch Dog Mechanism (Book Chapter)	Dr.S.Geetha, Dr.J.Madhusudanan, Dr.V.PrasannaVenkatesan	ISBN: 9781799877561	IGI Global

Patent

S.No	Name of the Applicant (s)	Name of the Inventor (s)	Title	Application No. & Patent Filed Date	Country	Current Status
1	Dr.S.Geetha	Dr.S.Geetha	IOT and Block chain Enabled Smart E-Vehicle Charging System	202041020699/ 5.6.2020	INDIA	Published
2	Dr.R.Raju	Dr.R.Raju	Design and Implementation of a Disaster Management System Using IOT and Cloud Computing Techniques for a Connected Buildings to Save Lives With Early Warnings	2020101867/ 9.9.2020	AUSTRALIA	Published
3	Dr.R.Raju	Dr.R.Raju, Dr.G.Shanmugasundaram, Mr.S.Balaji	End to End Food Safety and Quality Control System	202041036571/ 11.9.2020	INDIA	Published
4	Dr.R.Raju	Dr.R.Raju Dr.C.Punitha Devi Dr.S.Geetha Dr.T.Vigneswari Dr.G.Shanmugasundaram Mr.R.Saravanan Mr.S.Balaji Mrs.N.Kalaiselvi	IOT for Elderly Health Care	202041039291/ 18.9.2020	INDIA	Published
5	Dr.R.Raju	Dr.R.Raju Dr.C.Punitha Devi, Mr.R.Suresh Dr.S.Geetha	Portable Egg Quality Assessment And Monitoring System Using IOT	202041047668/ 2.11.2020	INDIA	Published
6	Mrs.N.Kalaiselvi	Mrs.N.Kalsiselvi, Dr.C.Punitha Devi, Dr.T.Vigneswari, Dr.R.Raju, Dr.G.Shanmugasundaram, Dr.S.Geetha, Mr.S.Balaji, Mrs. A. Sarkunavathi	Smart Security System-Theft Detection and Surveillance	202041044031/ 16.11.2020	INDIA	Published
7	Mr.S.Balaji	Mr.R.Saravanan, Mr.S.Balaji, Mr.R.Suresh, Mr.K.S.Seetharaman, Dr.R.Raju, Dr.G.Shanmugasundaram, Dr.C.PunithaDevi, Mrs.N.Kalaiselvi	Cass Based Secure Authentication System	202041044035/ 16.11.2020	INDIA	Published

SECTION – VI: COLLABORATIONS AND LINKAGES

6.1 Student Internships

S.No	Name of the Student	Name of the Sponsored Industry / Research Institute / Partnering Institution	About Internship		
			Duration	From date	To date
1.	ABINAYADASS RAMADASS	GRIP AT THE SPARKS FOUNDATION	3 months	11/01/2021	12/03/2021
2.	ARTHI G	CTS	3 months	06/02/2021	07/06/2021
3.	DIVYABHARATHI R	CTS	3 months	25/02/2021	07/06/2021
4.	JAISSANDIYA R	CTS	3 months	25/02/2021	07/06/2021
5.	KIRUTHIKA SARAVANAN	CTS	3 months	25/02/2021	07/06/2021
6.	KIRUTHIKA R	CTS	3 months	25/02/2021	07/06/2021
7.	KOWSALYA R	CTS	3 months	25/02/2021	07/06/2021
8.	NISHA V	CTS	3 months	25/02/2021	07/06/2021
9.	PRIYANGA D	CTS	3 months	25/02/2021	07/06/2021
10.	RAJESWARI M	CTS	3 months	25/02/2021	07/06/2021
11.	RAVI RAGUL	CTS	3 months	25/02/2021	07/06/2021
12.	SUBASHRI C	CTS	3 months	25/02/2021	07/06/2021
13.	SUDHA R	CTS	3 months	25/02/2021	07/06/2021
14.	SURYA S	CTS	3 months	25/02/2021	07/06/2021
15.	SWETHA S	CTS	3 months	25/02/2021	07/06/2021
16.	VIGNESHWARI A	CTS	3 months	25/02/2021	07/06/2021
17.	VIJAYALAKSHMI P	CTS	3 months	25/02/2021	07/06/2021
18.	AYESHA CHITHICKA. U	HEXAWARE	6 months	21/01/2021	11/06/2021
19.	SAMAYLY. S	HEXAWARE	6 months	21/01/2021	11/06/2021
20.	SATHISH .D	HEXAWARE	6 months	21/01/2021	11/06/2021
21.	SIVARANJINI. R	HEXAWARE	6 months	21/01/2021	11/06/2021
22.	SUBALAKSHMI. P	HEXAWARE	6 months	21/01/2021	11/06/2021
23.	SUBICSHA.S	HEXAWARE	6 months	21/01/2021	11/06/2021
24.	A.VENUGOPAL	KAAR	6 months	07/12/2020	30/06/2021
25.	T.ASIFA	INDIUM	4 months	22/02/2021	30/06/2021
26.	M.BHARATH	EGNARO SOFTWARE	4 months	15/02/2021	30/06/2021
27.	HARISH	SHIASH	4 months	15/01/2021	15/04/2021
28.	KESAVAPRIAYA	SHIASH	4 months	15/01/2021	15/04/2021
29.	CHANDRU	UNISYS	4 months	17/02/2021	25/06/2021
30.	K. THEERAJ KUMAR	TCS	3 months		
31.	S. PADMASUNDAR	TCS	3 months		

6.2 Sponsored / Industry Projects

S.No	Project Title	Name of the Student/s	Name of the Sponsored Industry / Research Institute / Partnering Institution	Duration of the Project (Months)
1.	DNA CODING TO ENCRYPT MILITARY DATA	VINOTHKUMAR M - IV IT, SUBICSHA S - IV IT, SUBASRI C - IV IT, JAYABARATHI - IV IT, SHREENATH K.S - III IT, PRASANTH R - III IT	5G HACKATHON (INDIA MOBILE CONGRESS 2020)	3 months
2.	QR CODE CARDLESS TRANSACTIONS	SAIPRASAD.J, SWETHA.R, HARITHAA.S, MANYAM SRI HARIPRIYA	EMPOWERING YOUTH HACKATHON (AIC-PECF-CSL-BRINC) 2020	2 months

6.3 Industrial Visits

S.No	Name of the Industry / Company / Research Institute	Date of Visit	Target Audience	Number of Students Participated
1.	E-BOX, CHENNAI	05.03.2021	I/I	40
2.	EMAXO TECHNOLOGIES,BANGALORE.	06.11.2020 to 08.11.2020	II/III	164

6.4 Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
1.	Magnifura Technologies	22.02.2021	Student Internships, Consultancy work and Implant Training	6 Months
2.	Ethnotech Academic Solutions	16.12.2020	Student Industrial training and Placements	12 Months

SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	**138**
Number of Students opted Higher Studies	**5**
Number of Entrepreneur	**-**

7.1 Placements

S.No	Name of the Student	Name of the Company	Salary Package (per annum)
1.	KUMARAN.K	TCS Digital	7,00,000
2.	SUBICSHA.S	TCS Digital	7,00,000
3.	SURENDAR .S	TCS Digital	7,00,000
4.	VENUGOPAL .A	KAAR	6,50.000
5.	CHANDRU .S	Unisys	7,00,000
6.	AISHWARYA .B	TCS Ninja	3,36,000
7.	AMARA NIVEDITHA.A	TCS Ninja	3,36,000
8.	ARTHI. G	TCS Ninja	3,36,000
9.	BALAMURUGAN.B	TCS Ninja	3,36,000
10.	GINJALA HARI VARDHAN YADAV.V	TCS Ninja	3,36,000
11.	HARITHA.C.J	TCS Ninja	3,36,000
12.	JAYABHARATHY. S	TCS Ninja	3,36,000
13.	KALAIVANI.V	TCS Ninja	3,36,000
14.	KARTHICKEYAN.S	TCS Ninja	3,36,000
15.	KAUSHIKA. M	TCS Ninja	3,36,000
16.	KAVITHA.M	TCS Ninja	3,36,000
17.	KIRUTHIKA. R	TCS Ninja	3,36,000
18.	MADHUMITHA. M.B	TCS Ninja	3,36,000
19.	MATHU MITHA .K	TCS Ninja	3,36,000
20.	MITHRAN .S	TCS Ninja	3,36,000
21.	NAGALAKSHMI. N	TCS Ninja	3,36,000
22.	NIRMALRAJU.K	TCS Ninja	3,36,000
23.	NITHISH. N	TCS Ninja	3,36,000
24.	PAVITHRA. R	TCS Ninja	3,36,000
25.	PREETHI.R	TCS Ninja	3,36,000
26.	PRIYADARSHINI.S	TCS Ninja	3,36,000
27.	RAJESWARI.M	TCS Ninja	3,36,000
28.	RAVI RAGUL. K	TCS Ninja	3,36,000
29.	SANTHUKUMAR.J	TCS Ninja	3,36,000
30.	SATHANA .B	TCS Ninja	3,36,000
31.	SUBASHRI. C	TCS Ninja	3,36,000
32.	SURYA. S	TCS Ninja	3,36,000
33.	VIGNESHWARI. A	TCS Ninja	3,36,000

34.	VIVEK. R	TCS Ninja	3,36,000
35.	YOGESHVARAN. T	TCS Ninja	3,36,000
36.	VASEER MOHAMED. S	TCS Ninja	3,36,000
37.	KESAVA PRIYA. S	TCS Ninja	3,36,000
38.	ASHIKA.J	TCS Ninja	3,36,000
39.	YUVASHREE. S	TCS Ninja	3,36,000
40.	PUVIARASI .P	TCS Ninja	3,36,000
41.	AGALYA. M	TCS Ninja	3,36,000
42.	PRIYANCA.A	TCS Ninja	3,36,000
43.	HARIPRASATH. S	TCS Ninja	3,36,000
44.	DEVADHARSHINI .T	TCS Ninja	3,36,000
45.	AJAY KUMAR.D	TCS Ninja	3,36,000
46.	PREETHA. G	TCS Ninja	3,36,000
47.	AYESHA CHITHICKA. U	Hexaware	3,50,000
48.	SAMAYLY. S	Hexaware	3,50,000
49.	SATHISH .D	Hexaware	3,50,000
50.	SIVARANJINI. R	Hexaware	3,50,000
51.	SUBALAKSHMI. P	Hexaware	3,50,000
52.	SUBICSHA.S	Hexaware	3,50,000
53.	SHANKARAN.M	Hexaware	3,50,000
54.	ARTHI. G	CTS	4,00,000
55.	DIVYABHARATHI. R	CTS	4,00,000
56.	JAISSANDIYA.R	CTS	4,00,000
57.	KIRUTHIKA. R	CTS	4,00,000
58.	KIRUTHIKA .S	CTS	4,00,000
59.	KOWSALYA .R	CTS	4,00,000
60.	NISHA .V	CTS	4,00,000
61.	PRIYANGA. D	CTS	4,00,000
62.	RAJESWARI.M	CTS	4,00,000
63.	RAVI RAGUL. K	CTS	4,00,000
64.	SUBASHRI. C	CTS	4,00,000
65.	SUDHA .R	CTS	4,00,000
66.	SURYA. S	CTS	4,00,000
67.	SWETHA.S	CTS	4,00,000
68.	VIGNESHWARI. A	CTS	4,00,000
69.	VIJAYALAKSHMI .P	CTS	4,00,000
70.	MADHUMETHA. T	Accenture	4,50,000
71.	SIVAGAMI MEERA.G	Accenture	4,50,000
72.	VISVA .G	Accenture	4,50,000
73.	DESIYA .S	Accenture	4,50,000
74.	ASHIFA.T	WIPRO	3,50,000
75.	DEVADHARSHINI .T	WIPRO	3,50,000
76.	JITHESWARAN.B	WIPRO	3,50,000
77.	KOWSALYA .R	WIPRO	3,50,000
78.	BHARATH. M	ENGARO Software	3,00,000
79.	ASHIFA.T	Indium	3,50,000
80.	VASEER MOHAMED. S	Sutherland	2,50,000
81.	AGALYA. M	Sutherland	2,50,000
82.	ANANDHA PRIYADHARSHINI. V	Sutherland	2,50,000
83.	AROKKIYASTEPHEN.M	Sutherland	2,50,000
84.	ASHIFA.T	Sutherland	2,50,000
85.	ASHIKA.J	Sutherland	2,50,000
86.	BALAJI .B	Sutherland	2,50,000
87.	BARATH KUMAR .G	Sutherland	2,50,000
88.	DESIYA .S	Sutherland	2,50,000
89.	HARINI. S	Sutherland	2,50,000
90.	INDUMATHI .A	Sutherland	2,50,000
91.	JEEVADHARSHINI. M	Sutherland	2,50,000
92.	KEERTHANA .M	Sutherland	2,50,000
93.	KESAVA PRIYA. S	Sutherland	2,50,000
94.	KIRUTHIGA .R	Sutherland	2,50,000
95.	MADHUMETHA. T	Sutherland	2,50,000
96.	MADHUMITHA. M	Sutherland	2,50,000
97.	MAMTHA. S	Sutherland	2,50,000
98.	MOHANRAJ .S	Sutherland	2,50,000
99.	PRIYANCA.A	Sutherland	2,50,000
100.	PUVIARASI .P	Sutherland	2,50,000

101.	SAKTHI BAIRAVI.T	Sutherland	2,50,000
102.	SAIRAM. R	Sutherland	2,50,000
103.	SHANKARAN.M	Sutherland	2,50,000
104.	SHANTHINI .R	Sutherland	2,50,000
105.	SHARMILI .M	Sutherland	2,50,000
106.	SUVETHA. L	Sutherland	2,50,000
107.	SWENITHA.S	Sutherland	2,50,000
108.	THELAGAVATHE. S	Sutherland	2,50,000
109.	VINOTHKUMAR.M	Sutherland	2,50,000
110.	VISALI .M	Sutherland	2,50,000
111.	VYAS. A	Sutherland	2,50,000
112.	YUKESH.S.J	Sutherland	2,50,000
113.	YUVASHREE. S	Sutherland	2,50,000
114.	VASEER MOHAMED. S	SMV Software	2,50,000
115.	ABIGITH.B	Religare Enterprises	2,00,000
116.	ANANDHI .R	Religare Enterprises	2,00,000
117.	MOHANRAJ .S	Religare Enterprises	2,00,000
118.	SUVEDHA .V	Religare Enterprises	2,00,000
119.	HARRISH. K	Shiash Info Solutions	2,50,000
120.	VISALI .M	CSS Corp	1,80,000
121.	MOHANRAJ .S	LSE	1,80,000
122.	Shyaamala.S	M2P	3,00,000

7.2 Higher Studies

S.No	Name of the Student	Name of the Institution	Name of Program admitted to
1	K.Harish	Pondicherry Engineering College	M.Tech Data Science
2	M. Aravindh	Pondicherry Engineering College	M.Tech Information Security
3	M.Karthik	Pondicherry Engineering College	M.Tech Data Science
4	Hariharan.R.S	Pondicherry Engineering College	M.TechInternet of Things
5	Lokesh.P	Bournemouth University, Public university in Poole, England	MS

7.3 Entrepreneur

S.No	Name of the Student	Name of the Company	Nature of Company	Location / Address
1	NIL			

SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT

8.1 Technical Event / Workshop for Student

S.No	Name of the Event / Workshop	Organized under(Department / Student Association/ Profession Chapter / Student Club)	Date of Event	Level (State / National / International)	No. of Participants
1.	Red Black Tree	Profession Chapter, ISTE	08.09.2020	State	123
2.	Regular Expressions and DFAs	Profession Chapter, ISTE	13.10.2020	State	118
3.	Agile Software Process	Profession Chapter, ISTE	20.10.2020	State	108
4.	Fog Computing	Profession Chapter, ISTE	09.11.2020	State	121
5.	Android Operating System	Profession Chapter, ISTE	12.11.2020	State	121

6.	CASSANDRA	Profession Chapter, ISTE	25.11.2020	State	60
7.	Android with IOT	Profession Chapter, IEEE	29.10.2020	State	120
8.	Google Products	Profession Chapter, IEEE	18.11.2020	State	95
9.	Advanced Networking	Profession Chapter, IEEE	23.11.2020	State	82
10.	Advanced Concepts in Web Technologies	Profession Chapter, IEEE	16.03.2021	State	111
11.	Scheduler Activation	Profession Chapter, IEEE	25.03.2021	State	104
12.	Spring Boot	Profession Chapter, IEEE	12.04.2021	State	98
13.	Object-Oriented Analysis and Design with Applications	Profession Chapter, IEEE	17.04.2021	State	138
14.	e-Business and Internet Technologies	IEI	09.02.2021	State	102
15.	Influence of AI in 5G Network	IEI	10.03.2021	State	115
16.	Ethics & Sustainability	IEI	19.03.2021	State	85
17.	Distributed Memory System and Scheduling	IEI	23.04.2021	State	60

8.2 FDP /Workshop / STTP / Conference for Faculty

S.No	Name of the Event / Workshop	Organized under(Department / Student Association/ Profession Chapter)	Date of Event	Level (State / National / International)	No. of Participants
1.	Workshop on Artificial Emotional Intelligence	Profession Chapter, ISTE	24.8.2020	State	15
2.	FDP on Recent Advances in IT	Department	29.10.2020, 30.10.2020	State	15
3.	Workshop on Scrum Methodology	Profession Chapter, ISTE	27.4.2021	State	15

SECTION – IX: ACHIEVEMENTS

9.1 Awards and Prizes Received by Students

S. No	Name of the Student	Event Name / Details	Organized by	Achievement / Position / Prizes
1.	ATCHUDHAN.S SWETHA AMBROISE.G DHANASHRI.S DEVADHARSHINI.B	National Level Hardware Hackathon-2021	Walchand Institute of Technology, Solapur	1st Prize
2.	VINOTHKUMAR M - IV IT, SUBICSHA S – IV IT, SUBASRI C - IV IT, JAYABARATHI - IV IT, SHREENATH K.S -III IT, PRASANTH R - III IT	5G Hackathon / "DNA Coding To Encrypt Military Data"/Hackathon /National /10.12.2020	India Mobile Congress 2020	awarded a cash prize of Rs.1Lakh

3.	SAIPRASAD.J, SWETHA.R, HARITHAA.S, MANYAM SRI HARIPRIYA	EMPOWERING YOUTH HACKATHON / "QR Code Cardless transactions" / Hackathon /International /23.11.2020	AIC-PECF-CSL-BRINC - 2020	Idea Selected for International Brinc MENA Accelerator Program
4.	M.VINOTHKUMAR, S. SASIVAR, S.SUBICSHA, C.SUBASHRI, R.KIRTHIKA	Smart India Hackathon 2020 / "Smart ATM" /Innovation Contest/National / 5.08.2020		Finalist Certificate
5.	JANANI.R RISHWANA.J	TCS Idea Bank, 2021	-	Winner

9.2 Participation of teachers in various activities as a Members of Committees at University Level / State Level / National Level / International Level bodies

S.No	Name of the Faculty	Members of Committees at University Level / State Level / National Level / International Level as
1.	Mr.R.Suresh	College Innovation Ambassador - MoE's Innovation Cell & AICTE, New Delhi.
2.	Dr.R. Raju	Nodal Officer,Ek Bharat Shrestha Bharat (EBSB) ,MHRD
3.	Dr.C. Punitha Devi	Coordinator, ICTACT Academy
4.	Dr.R. Raju	Coordinator, Coursera
5.	Dr.R. Raju	Nodal Officer, National Cyber Safety and Security Standards (NCSSS)

9.3 Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers

S.No	Name of the Faculty	Name of Editorial Boards / Conferences
1.	Dr. R.Raju	Evaluator/ Toycathon,Innovation Cell | Ministry of Education, Govt. of India /2021
2.	MrR.Suresh	Evaluator/ Toycathon,Innovation Cell | Ministry of Education, Govt. of India /2021
3.	Dr.T. Vigneswari	Chair Person and Evaluator/ Toycathon,Innovation Cell | Ministry of Education, Govt. of India /2021

9.4 Awards / Prizes and Recognitions received by teachers at University, State, National and International Level

S.No	Name of the Faculty	Name of Awards / Recognition
1.	Dr. R.RAJU	Mentor/ Toycathon,Innovation Cell | Ministry of Education, Govt. of India /2021
2.	Mr. R. SURESH	Mentor/ Toycathon / 2021
3.	Mr. R. SURESH	Mentor/ UNISYS CLOUD 20/20 / 2020
4.	Mr. R. SURESH	Coordinator and Mentor/ SMART INDIA HACKATHON / 2020

9.5 Details of Faculty participated in Refresher Courses, Orientation Courses, Seminars, Workshops, Conferences at National and International Level

9.6

S.No	Name of the Faculty	FDP /STTP /Workshop /Conference Title	Organized by	Duration (Days)
1.	Dr.R.Raju	Data Science in IoT	ATAL, FDP, KIIT	5
2.		Block Chain	ATAL FDP, IIT, Patna	5
3.		Atal FDP on Design Thinking	SMVEC	5
4.	Dr.C.Punitha Devi	Online Orientation Training program for Mentors	AICTE, NITTTR, Chennai	5
5.		Data Science in IoT	ATAL, FDP, KIIT	5
6.		Block Chain	ATAL FDP, IIT, Patna	5
7.		Atal FDP on Design Thinking	SMVEC	5

8.	Dr.T.Vigneswari	Data Science in IoT	ATAL, FDP, KIIT	5
9.		Online Orientation Training program for Mentors	AICTE, NITTTR, Chennai	5
10.		Block Chain	ATAL FDP, IIT, Patna	5
11.		Atal FDP on Design Thinking	SMVEC	5
12.	Dr. G. ShanmugaSundaram	Emerging Trends in Information Technology	MailamEnineering College, Mailam	5
13.		Innovative Trends in Data Analytics with AI	MalineniLakshmaiah Women's Engineering College, Guntur	5
14.		Introduction to Data science	Guntur Engineering College, Kakinada	5
15.	Dr.S.Geetha	Internet of Things	ATAL FDP, SMVEC	5
16.		Trends and Challenges in Machine Learning and Deep Learning	FDP, Easwari Engineering College	12
17.		Data Science	ATAL FDP, PEC, Punjab	5
18.		Data Science and Machine Learning	STTP, AICTE, NIT, Kolkata	5
19.		Emerging Trends in Information Technology	Mailam Engineering College, Mailam	5
20.		Innovative Trends in Data Analytics with AI	MalineniLakshmaiah Women's Engineering College, Guntur	5
21.		Call for Code using IoT	Chalapathi Institute of Engineering and Technology, Guntur.	1
22.		Outcome Based Education (Modern Tool Usage in Teaching & Learning)	AICTE, SMVEC	6
23.		Atal FDP on Artificial Intelligence	Sastra University	5
24.		Atal FDP on Block chain	Swami Keshavanand Institute of Tech, Management	5
25.		Atal FDP on Design Thinking	SMVEC	5
26.	Dr.S.Kalaivany	Emerging Trends in Information Technology	MailamEnineering College, Mailam	5
27.		Innovative Trends in Data Analytics with AI	MalineniLakshmaiah Women's Engineering College, Guntur	5
28.		Introduction to Data science	Guntur Engineering College, Kakinada	5
29.	Dr.S.Artheeswari	Emerging Trends in Information Technology	MailamEnineering College, Mailam	5
30.		Innovative Trends in Data Analytics with AI	MalineniLakshmaiah Women's Engineering College, Guntur	5
31.		Introduction to Data science	Guntur Engineering College, Kakinada	5
32.	Mr.R.Suresh	Wearable Devices	ATAL, FDP, Vignan Institute of Technology and Science	5
33.		Recent Trends in Digital Image Processing	ATAL, FDP, Poornima institute of Engg. Technology	5

34.		Blockchain	ATAL, FDP, LNMIIT, Jaipur	5
35.		Innovative Trends in Data Analytics with AI	MalineniLakshmaiah Women's Engineering College, Guntur	5
36.		Augmented Reality/ Virtual Reality	ATAL FDP, Kumaraguru College of Technology	5
37.		Block Chain	ATAL FDP, National Institute of Engineering	5
38.		Outcome Based Education (Modern Tool Usage in Teaching & Learning)	AICTE, SMVEC	6
39.		Atal FDP on Design Thinking	SMVEC	5
40.	Mrs. Thilagavathi	Outcome Based Education (Modern Tool Usage in Teaching & Learning)	AICTE, SMVEC	6
41.		Innovative Trends in Data Analytics with AI	MalineniLakshmaiah Women's Engineering College, Guntur	5
42.	Mr.R.Saravanan	Online Orientation Training program for Mentors	AICTE, NITTTR, Chennai	5
43.		Outcome Based Education (Modern Tool Usage in Teaching & Learning)	AICTE, SMVEC	6
44.		Internet of Things	ATAL FDP, NIT, Puducherry	5
45.		Atal FDP on Design Thinking	SMVEC	5
46.		Innovative Trends in Data Analytics with AI	MalineniLakshmaiah Women's Engineering College, Guntur	5
47.	Dr.K.KishoreAnthuvanSahayaraj	Emerging Trends in Information Technology	MailamEnineering College, Mailam	5
48.		Innovative Trends in Data Analytics with AI	MalineniLakshmaiah Women's Engineering College, Guntur	5
49.	Mrs.A.Sarkunavathi	Atal FDP on Design Thinking	SMVEC	5
50.	Mrs.V.Padmapriya	Deeplearning& its applications: Theory to practice	SASI Institute of technology & Engineering	5
51.		World of Cyber Physical Systems and Future Robotics of Industry:Cobotics	R.C. Patel Institute of Technology, Shirpur	2
52.	Mrs.E.Poonguzhali	Outcome Based Education (Modern Tool Usage in Teaching & Learning)	AICTE, SMVEC	6
53.		Emerging Trends in Information Technology	Mailam Engineering College, Mailam	5
54.		Innovative Trends in Data Analytics with AI	MalineniLakshmaiah Women's Engineering College, Guntur	5
55.	M.Hemalatha	Emerging Trends in Information Technology	Mailam Engineering College, Mailam	5
56.		Innovative Trends in Data Analytics with AI	MalineniLakshmaiah Women's Engineering College, Guntur	5

57.	P.S VijayaBaskaran	Emerging Trends in Information Technology	MailamEnineering College, Mailam	5
58.		Innovative Trends in Data Analytics with AI	MalineniLakshmaiah Women's Engineering College, Guntur	5
59.	Dr.S.Balaji	Internet of Things	National Institute of Technology, Puducherry	5
60.		Emerging Trends in Information Technology	Mailam Engineering College, Mailam	5
61.		Innovative Trends in Data Analytics with AI	MalineniLakshmaiah Women's Engineering College, Guntur	5
62.		Outcome Based Education (Modern Tool Usage in Teaching & Learning)	AICTE, SMVEC	6
63.		Deeplearning& its applications: Theory to practice	SASI Institute of technology & Engineering	5
64.		Atal FDP on Design Thinking	SMVEC	5
65.	Dr. M.Rajeshwari	Emerging Trends in Information Technology	MailamEnineering College, Mailam	5
66.		Innovative Trends in Data Analytics with AI	MalineniLakshmaiah Women's Engineering College, Guntur	5
67.	Mrs.N.Kalaiselvi	Data Science in IoT	ATAL, FDP, KIIT	5
68.		Block Chain	ATAL FDP, IIT, Patna	5
69.		Outcome Based Education (Modern Tool Usage in Teaching & Learning)	AICTE,SMVEC	6
70.		Atal FDP on Design Thinking	SMVEC	5
71.	T.Mukilan	Emerging Trends in Information Technology	MailamEnineering College, Mailam	5
72.		Innovative Trends in Data Analytics with AI	MalineniLakshmaiah Women's Engineering College, Guntur	5
73.	P.Saravanan	Emerging Trends in Information Technology	MailamEnineering College, Mailam	5
74.		Innovative Trends in Data Analytics with AI	MalineniLakshmaiah Women's Engineering College, Guntur	5
75.	K.Loganathan	Emerging Trends in Information Technology	MailamEnineering College, Mailam	5
76.		Innovative Trends in Data Analytics with AI	MalineniLakshmaiahWomen's Engineering College, Guntur	5
77.	R.Gajendran	Emerging Trends in Information Technology	MailamEnineering College, Mailam	5
78.		Innovative Trends in Data Analytics with AI	MalineniLakshmaiah Women's Engineering College, Guntur	5
79.	B.Saraladevi	Emerging Trends in Information Technology	MailamEnineering College, Mailam	5
80.		Innovative Trends in Data Analytics with AI	MalineniLakshmaiah Women's Engineering College, Guntur	5
81.	V.Vijaykaran	Emerging Trends in Information Technology	MailamEnineering College, Mailam	5

82.		Innovative Trends in Data Analytics with AI	MalineniLakshmaiah Women's Engineering College, Guntur	5
83.	R.Vanitha	Emerging Trends in Information Technology	MailamEnineering College, Mailam	5
84.		Innovative Trends in Data Analytics with AI	MalineniLakshmaiah Women's Engineering College, Guntur	5
85.	Mr.K.S.Seethara man	Teaching Learning Methods Towards Outcome Based Education	AICTE, Velammal Institute of Technology	13
86.		Atal FDP on Augmented Reality (AR)/ Virtual Reality (VR)	ChaitanyaBharathi Institute of Technology	5
87.	S.Pushpavalli	Emerging Trends in Information Technology	MailamEnineering College, Mailam	5
88.		Innovative Trends in Data Analytics with AI	MalineniLakshmaiah Women's Engineering College, Guntur	5
89.	M.Banupriya	Emerging Trends in Information Technology	MailamEnineering College, Mailam	5
90.		Innovative Trends in Data Analytics with AI	MalineniLakshmaiah Women's Engineering College, Guntur	5
91.	K. Sandiya	Emerging Trends in Information Technology	MailamEnineering College, Mailam	5
92.		Innovative Trends in Data Analytics with AI	MalineniLakshmaiah Women's Engineering College, Guntur	5
93.		Emerging Trends in Information Technology	MailamEnineering College, Mailam	5
94.		Innovative Trends in Data Analytics with AI	MalineniLakshmaiah Women's Engineering College, Guntur	5
95.	Amirthayogam. G	Emerging Trends in Information Technology	MailamEnineering College, Mailam	5
96.		Innovative Trends in Data Analytics with AI	MalineniLakshmaiah Women's Engineering College, Guntur	5
97.	K.Shanmugaraja	Emerging Trends in Information Technology	MailamEnineering College, Mailam	5
98.		Innovative Trends in Data Analytics with AI	MalineniLakshmaiah Women's Engineering College, Guntur	5
99.	Nivetha.R	Emerging Trends in Information Technology	MailamEnineering College, Mailam	5
100.		Innovative Trends in Data Analytics with AI	MalineniLakshmaiah Women's Engineering College, Guntur	5
101.	Poonguzhali. D	Emerging Trends in Information Technology	MailamEnineering College, Mailam	5
102.		Innovative Trends in Data Analytics with AI	MalineniLakshmaiah Women's Engineering College, Guntur	5
103.	Ranjitha.S	Emerging Trends in Information Technology	MailamEnineering College, Mailam	5
104.		Innovative Trends in Data	MalineniLakshmaiah	5

		Analytics with AI	Women's Engineering College, Guntur	
105.	D.Murali	Emerging Trends in Information Technology	MailamEnineering College, Mailam	5
106.		Innovative Trends in Data Analytics with AI	MalineniLakshmaiah Women's Engineering College, Guntur	5
107.	Mrs.S.Amutha	Research perspective on AI,ML, Data Science & IOT	FDP, KL University	15
108.		EMOTIONAL INTELLIGENCE	ATAL, FDP, NITTTR, Chennai	5
109.		Research Avenues and Challenges in Industry 4.0	ATAL, FDP, R.M.D. ENGINEERING COLLEGE.	5
110.		Human Factors in Software Design	ATAL, FDP, IIITDM Kancheepuram.	5
111.		Soft Computing Techniques and their Applications in Electrical Engineering	ATAL, FDP, National Institute of Technology Patna.	5
112.	Mrs.K.Sakthiyavathi	Cyber Security	ATAL, FDP, St.Joseph College	5

Declaration by HoD

I am aware that the above information provided by the department will be validated by the Academic and Administrative Audit (AAA) committee during the visit

Head of the Department

Recommendations:

Section	Remarks
Curricular Aspects	All relevant documents are verified
Teaching, Learning and Evaluation	All relevant documents are verified
Structured Feedback	All relevant documents are verified
Research, Innovation and Publications	Needs Improvement in Research Grant and Funding
Collaborations and Linkages	All relevant documents are verified
Student Progression	All relevant documents are verified
Activity Conducted / Organized by the Department	Need to organize at least 2 Conference per year
Achievements	All relevant documents are verified
General Remarks	All the documents are arranged properly and maintained

Signature of the External Academic Audit Experts

Dr.R.Baskaran
Professor
Department of Industrial Engineering
CEG,Anna University
Chennai - 600025

Dr. M.Karthikeyan
Professor
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SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
An Autonomous Institution,
Accredited by NAAC with 'A' grade
Puducherry - 605 107

ACADEMIC AND ADMINISTRATIVE AUDIT

DEPARTMENT OF

MECHANICAL ENGINEERING

ACADEMIC AND ADMINISTRATIVE AUDIT

(Academic Year 2020-21)

External Audit

SECTION –1: BASIC INFORMATION

Audit Date	18.11.2021	
Name of the Department	Mechanical Engineering	
Year of Establishment	2008	
Programs Offered	Name of the Program: B.Tech Mechanical Engineering — Approved Intake: 240 Name of the Program: M.Tech Manufacturing Engineering — Approved Intake: 24 Name of the Program: Ph.D Mechanical Engineering — Approved Intake: Tentative	
Head of the Department	Dr.K.Velmurugan	
Number of full time Teachers	Professor	5
	Associate Professor	11
	Assistant Professor	42
Number of Technical Staff	4	58
Number of Students	For B.Tech:	For M.Tech

Year	Strength
First Year	132
Second Year	160
Third Year	161
Fourth Year	214
Total	667

Year	Strength
First Year	8
Second Year	3
Total	11

Faculty Student Ratio		

SECTION –2: CURRICULAR ASPECTS

2.1 Academic Plan

S.No	Particular	Available (Yes / No)	Remarks
1	Department Academic Calendar	**Yes**	Academic calendar is framed every semester including the guest lectures, technical competitions and internals and project reviews
2	Faculty Subject Preferences	**Yes**	At the beginning of every semester subject preferences are collected from the faculties based on their specialization and separate forms are maintained in the department.
3	Elective choices from the Students	**Yes**	Different electives are floated among students, if more than 20 students opt a elective that specific elective is chosen for the particular groups. The electives are categorized in different mechanical specializations.
4	Course allotment to the	**Yes**	Once the faculties give their subject willingness, HoD in discussion with academic coordinator allots subjects to the

	Faculty		faculties.
5	Time Table (UG and PG)	**Yes**	Time table are framed by allotting 6 hours for analytical subjects (4 credit papers)with additional tutorial hour and 5 hours for theory subjects(3credit papers)
6	Lesson plan for each Course	**Yes**	Lesson plans are framed in aligned with academic calendar. The lesson plan is framed module wise.

2.1 Participation of the Faculty in the Curriculum development for courses offered in UG and PG programs

S.No	Name of the Faculty	Participated as	Course	Year / Sem
1	Dr.K. Velmurugan	**Chairman**	-	-
2	Dr.G.G.Sozhamannan	Committee member	1.Material Science and Engineering 2.Engineering Metallurgy 3.Material Testing and Metallurgy Lab	I/I II/III II/III
3	Dr.A.G.Ganesh Kumar	Committee member	1.Professional Elective - I 2.Professional Elective - II	II/IV III/V
4	Dr. A. Thiagarajan	Committee members	1.Concepts of Engineering Design 2.Metrology and Measurement 3.Manufacturing Processes Lab 4.Advanced Manufacturing Technology 5.Professional Elective - III	I/I III/V I/II III/VI III/VI
5	Dr.K. Hemalatha	Committee member	1.Engineering Mechanics 2.Mechanics of Solids 3.Computer Aided Design Computer Aided 4.Machine Drawing Lab 5.Kinematics of Machinery 6.Engineering Practice Lab 7.Design of Machine Elements 8.Dynamics of Machinery 9.Design of Transmission Systems 10.Computational 11.Fluid Dynamics Lab 12.Finite Element Analysis	I/I II/III II/IV II/IV II/IV III/V III/V III/VI III/VI III/VI
6	Dr.R.Ravisankar	Committee member	1.Engineering Thermodynamics 2.Heat and Mass Transfer 3.Heat Transfer Lab 4.Thermal Engineering	I/II II/III II/III III/V
7	Dr.J.Pavalavana Pandian	Committee member	1.Applied Thermodynamics 2.Fluid Mechanics and Machinery 3.Fluid Mechanics and Machinery Lab	II/III II/III II/III

2.2 List of Professional Elective Courses offered by the department

S.No	Year / Sem	Name of the Elective Course	Course Code	Number of Students Registered
1	II/IV	Product design and Development	U19MEE43	42
2	II/IV	Non-Conventional Energy Sources	U19MEE45	43
3	II/IV	Computer Aided Design	U19MEE42	49
4	III/V	Industrial Casting Technology	MEE54	160
5	III/VI	Automobile Engineering	MEE61	160
6	IV/VII	Solar Power Engineering	MEE76	214
7	IV/VIII	Advanced Welding Technology	MEE81	214
8	IV/VIII	Composite Materials	MEE83	214

2.3 List of Open Elective Courses offered by Other department

S.No	Year / Sem	Offering Department	Name of the Elective Course	Course Code	Number of Students Registered
1	**II/IV**	**CSE**	Programming in JAVA	U19CSO43	**160**

2.4 List of Skill Development Courses offered by the department

S.No	Year / Sem	Name of the Skill Development Course	Course Code	Number of Students Registered
1.	II/III	Two-wheeler Troubleshooting	U19MES32	160
2.	II/IV	General Proficiency - I	U19MES31	160

2.5 List of Certification Courses offered by the department

S.No	Year / Sem	Name of the Certification Course	Course Code	Number of Students Registered
1	I/II	Python Programming	U19MECX1	132
2	IV/VII	Python Programming	-	214
3	IV/VIII	Automation – I	-	214

2.6 List of Mandatory Courses offered by the department

S.No	Year / Sem	Name of the Mandatory Course	Course Code	Number of Students Registered
1	I/II	Material Science and Engineering	U20BST107	132
2	I/II	Engineering Mechanics	U20EST119	132
3	II/III	Mechanics of Solids	U19MET33	160
4	II/III	Applied Thermodynamics	U19MET34	160
5	II/III	Fluid Mechanics and Machinery	U19MET35	160
6	II/III	Engineering Metallurgy	U19MET36	160
7	II/IV	Kinematics of Machinery	U19MET42	160
8	II/IV	Heat and Mass Transfer	U19MET43	160
9	II/IV	Machining Processes	U19MET44	160
10	III/V	Dynamics of Machinery	MET51	161
11	III/V	Design of Machine Elements	MET52	161
12	III/V	Metrology and quality control	MET53	161

13	III/V	Heat and Mass Transfer	MET54	161
14	III/V	Mechanical Measurement	MET55	161
15	III/VI	Operation research	MET61	161
16	III/VI	Design of Transmission Systems	MET62	161
17	III/VI	Thermal Engineering	MET63	161
18	III/VI	Computer integrated manufacturing	MET64	161
19	III/VI	Control System Engineering	MET65	161
20	IV/VII	Refrigeration, Air-Conditioning And Cryogenic Engineering	MET71	214
21	IV/VII	Computer Aided Design	MET72	214
22	IV/VII	Industrial engineering And Management	MET73	214
23	IV/VIII	Power plant engineering	MET81	214

SECTION –3: TEACHING, LEARNING AND EVALUATION

3.1 Course Delivery

Semester: ODD

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1.	Refrigeration, Air Conditioning and Cryogenics / MET73	Dr.K.Velmurugan	60	**65**	**65**
2.	Industrial Engineering and Management / MET72	Dr.G.G.Sozhamannan	45	50	50
3.	Design of Machine Elements / MET52	Dr.A.G.Ganesh kumar	45	50	50
4.	Engineering Metallurgy /U19MET36	Dr. A. Thiagarajan	45	50	50
5.	Dynamics of Machinery / MET51	Dr.K. Hemalatha	60	65	65
6.	Heat and Mass Transfer / MET54	Dr. R.Ravisankar	45	50	50
7.	Applied Thermodynamics / MET33	Dr.J. Pavalavana Pandian	45	50	50
	Solar Power Engineering / EE76		45	50	50
8.	Mechanical Measurements / MET55	Mr.D. Karunakaran	45	50	50
	Industrial Engineering and Management / MET72		45	50	50

9.	Refrigeration, Air Conditioning and Cryogenics / MET73	Mr.E.Manikandan	60	65	65
	Heat and Mass Transfer / MET54		60	65	65
10.	Refrigeration, Air Conditioning and Cryogenics / MET73	Dr.T.Coumaressin	60	65	65
	Refrigeration, Air Conditioning and Cryogenics / MET73		60	65	65
11.	Computer Aided Design/ MET71	Mr.P.Jayakumar	45	50	50
	Industrial Engineering & Management / MET71		45	50	50
12.	Industrial Casting Technology / MEE54	Mr.A.Jeyachandran	45	50	50
13.	Mechanics of Solids / U19MET33	Mr.P.Sathiaprathap	45	50	50
	Metrology and Quality Control / MET53		45	50	50
14.	Computer Aided Design / MET71	Mr. L. Martin	45	50	50
15.	Applied Thermodynamics / MET33SPE	Mr.A.Giriprasath	45	50	50
16.	Solar Power Engineering / EE76	Mr. M. Gunasekar	45	50	50
17.	Design of Machine Elements / MET52	Mr.R.Hemanthkumar	45	50	50
	Industrial Engineering and Management / MET72		45	50	50
18.	Metrology and Quality Control/ MET53	Mr.V.Ashok kumar	60	65	65
	Mechanics of Solids / U19MET33		60	65	65
19.	Dynamics of Machinery MET51	Mr.R.Manikandan	60	65	65
	Industrial Casting Technology / MEE54		45	50	50

20.	Dynamics of Machinery MET51	Mr.K.Navanitha Krishnan	60	65	65
	Industrial Casting Technology / MEE54		45	50	50
21.	Computer Aided Design / MET71	Dr. L.Saravanan	60	65	65
22.	Heat and Mass Transfer / MET54	Mr.M.Santhoshkumar	60	65	65
	Mechanical Measurements / MET55		45	50	50
23.	Metrology and Quality Control / MET53	Mr.G.Harish	45	50	50
	Computer Aided Design/ MET71		60	65	65
24.	Fluid Mechanics and Machinery / U19MET35	Mr.K.Puhazlvanan	60	65	65
25.	Fluid Mechanics and Machinery / U19MET35	Mr.S.Prakash	60	65	65
26.	Mechanical Measurements / MET55	Mr.S.Arulpradeep	60	65	65
	Engineering Metallurgy / U19MET36		45	50	50
27.	Solar Power Engineering / EE76	Mr.S.Jagan	45	50	50
28.	Numerical Methods and Statistic / U19MET51	Mr.Vijayan	60	65	65

Semester: EVEN

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1.	Heat and Mass Transfer/ U19MET43	Dr.K. Velmurugan	60	70	70
2.	Composite Materials / MEE83 Project Work (Phase-II)/ MEPW8	Dr.G.G. Sozhamannan	45	60	60

3.	Composite Materials / MEE83 Project Work (Phase-II)/ MEPW8	Dr.A.G.Ganesh kumar	45	60	60
4.	Project Work (Phase-II)/ MEPW8	Dr. A. Thiagarajan	45	60	60
5.	Design of Transmission System/MET62	Dr.K. Hemalatha	60	70	70
6.	Power Plant Engineering /MET81 Professional Ethics & Indian Constitution / MET82	Dr. R.Ravisankar	60	70	70
7.	Advanced Welding Techniques /MEE81	Dr.J. Pavalavana Pandian	45	60	60
	Professional Ethics & Indian Constitution /MET82		45	60	60
8.	Advanced Welding Techniques / MEE81	Mr.D. Karunakaran	45	60	60
	Computer Aided Machine Drawing Lab /U19MEP41		45	60	60
9.	Power Plant Engineering/MET81	Mr.E.Manikandan	45	60	60
	Thermal Engineering/ MET63 Thermal Engineering Lab –I/MEP61		60	70	70
10.	Power Plant Engineering /MET81	Dr.T.Coumaressin	45	60	60
	Seminar / MEP81		45	60	60
11.	Kinematics of Machinery/ U19MET42	Mr.P.Jayakumar	60	70	70
12.	Machining Processes / U19MET44 Machining Processes / U19MET44	Mr.A. Jeyachandran	45	60	60
13.	Design of Transmission System /MET62	Mr.P.Sathiaprathap	60	70	70
	Dynamics of Machine Lab/MEP62		45	60	60
14.	Kinematics of Machinery/ U19MET42	Mr. L. Martin	60	70	70
15.	Automobile Engineering/ **MEE61**	Mr.A.Giriprasath	45	60	60

	Computer Integrated Manufacturing / MET64				
16.	Operational Research/ MET61 Computational Fluid Dynamics Lab /MEP63	Mr. M. Gunasekar	60	70	70
17.	Composite Materials / MEE83	Mr.R.Hemanthkumar	45	60	60
	Computer Integrated Manufacturing/ MET64		45	60	60
18.	Thermal Engineering/ MET63	Mr.V.Ashok kumar	60	70	70
	Manufacturing Processes Lab / U19MEP43		45	60	60
19.	Advanced Welding Techniques/ MEE81 Automobile Engineering/**MEE61**	Mr.K.Navanitha Krishnan	45	60	60
	Heat Transfer Lab/ U19MEP42		45	60	60
20.	Heat and Mass Transfer / U19MET43	Mr.M.Santhoshkumar	60	70	70
	Thermal Engineering / MET63 Thermal Engineering Lab –I /MEP61		45	60	60
21.	Computer Integrated Manufacturing / MET64	Mr.G.Harish	45	60	60
	Operational Research/ MET61 Computational Fluid Dynamics Lab/ MEP63		45	60	60
22.	Automobile Engineering/**MEE61**	Mr.S.Arulpradeep	45	60	60
	Heat Transfer Lab/ U19MEP42 Dynamics of Machine Lab /MEP62		45	60	60
23.	Probability and Queuing Theory/ U19MET41	Mr.Vijayan	60	70	70

3.2 Use of ICT Tools in Teaching Learning

Semester: ODD

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1.	Dr.K. Velmurugan	Refrigeration, Air Conditioning and Cryogenics / MET73	**Green Board with white chalk piece., PPT, Digital Board**
2.	Dr.G.G. Sozhamannan	Industrial Engineering and Management / MET72	
3.	Dr.A.G. Ganesh kumar	Design of Machine Elements / MET52	
4.	Dr. A. Thiagarajan	Engineering Metallurgy /U19MET36	
5.	Dr.K. Hemalatha	Dynamics of Machinery / MET51	
6.	Dr. R. Ravisankar	Heat and Mass Transfer / MET54	
7.	Dr.J. Pavalavana Pandian	Applied Thermodynamics / MET33 Solar Power Engineering / EE76	
8.	Mr.D. Karunakaran	Mechanical Measurements / MET55 Industrial Engineering and Management / MET72	
9.	Mr.E.Manikandan	Refrigeration, Air Conditioning and Cryogenics / MET73 Heat and Mass Transfer / MET54	
10.	Dr.T.Coumaressin	Refrigeration, Air Conditioning and Cryogenics / MET73	
11.	Mr.P.Jayakumar	Computer Aided Design/ MET71 Industrial Engineering & Management / MET71	
12.	Mr.A. Jeyachandran	Industrial Casting Technology / MEE54	
13.	Mr.P.Sathiaprathap	Mechanics of Solids / U19MET33 Metrology and Quality Control / MET53	
14.	Mr. L. Martin	Computer Aided Design / MET71	
15.	Mr.A.Giriprasath	Applied Thermodynamics / MET33SPE	
16.	Mr. M. Gunasekar	Solar Power Engineering / EE76	
17.	Mr.R.Hemanthkumar	Design of Machine Elements / MET52 Industrial Engineering and Management / MET72	
18.	Mr.V.Ashok kumar	Metrology and Quality Control/ MET53 Mechanics of Solids / U19MET33	
19.	Mr.R.Manikandan	Dynamics of Machinery MET51 Industrial Casting Technology / MEE54	
20.	Mr.K.Navanitha Krishnan	Dynamics of Machinery MET51 Industrial Casting Technology /	

		MEE54	
21.	Dr. L.Saravanan	Computer Aided Design / MET71	
22.	Mr.M.Santhoshkumar	Heat and Mass Transfer / MET54 Mechanical Measurements / MET55	
23.	Mr.G.Harish	Metrology and Quality Control / MET53 Computer Aided Design/ MET71	
24.	Mr.K.Puhazlvanan	Fluid Mechanics and Machinery / U19MET35	
25.	Mr.S.Prakash	Fluid Mechanics and Machinery / U19MET35	
26.	Mr.S.Arulpradeep	Mechanical Measurements / MET55 Engineering Metallurgy / U19MET36	
27.	Mr.S.Jagan	Solar Power Engineering / EE76	
28.	Mr.Vijayan	Numerical Methods and Statistic / U19MET51	

3.3 List of Expert Lectures / Workshop Conducted

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
1.	Lean Six Sigma	Mr. Satish Buddharaju Lean Six Sigma (LSS) Master Black Belt, Inventor	15.06.2020	60
2.	Automation in Engineering Business	Mr. R. Shankaran Managing Director Frigoscan Post Harvest Technologies pvt Ltd Chennai.	16.06.2020	60
3.	Importance of Sustainable Materials and Manufacturing	Dr. Elammaran Jayamani Senior Lecturer and Discipline Leader Mechanical Engineering Program Swinburne University of Technology Sarawak campus, Malaysia	17.06.2020	60
4.	Opportunities in Engineering Field	Mr. S. Manikanadan Manager BASF Chennai.	18.06.2020	60
5.	Additive Manufacturing	Dr. Ramesh Raju Professor & Head Dept. of Mechanical Engineering SREC Nandyal.	19.06.2020	60
6.	Advanced Materials for oil and Gas Industry	Mr. K. KIRUBHARAJ, Arabian Fal Company, Saudi Arabia.	09-09-2020	109
7.	Engine Components	Dr A G Ganesh Kumar Professor/ Department of Mechanical Engineering, SMVEC, Puducherry.	10.11.2020	62
8.	Shock Absorber and Carburetor	Mr.S.Arul Pradeep Assistant Professor/Department of Mechanical Engineering SMVEC, Puducherry.	11.11.2020	86
9.	Ignition systems	Mr. K. Navanitha Krishnan Assistant Professor/Department of Mechanical Engineering, SMVEC, Puducherry	16.11.2020	90

10.	Electric Vehicle troubleshooting.	Dr. J. Pavalavana Pandian, Associate Professor/Department of Mechanical Engineering, SMVEC, Puducherry	17.11.2020	84
11.	Power transmission system	Mr.M.Santhoshkumar Assistant Professor/Department of Mechanical Engineering, SMVEC, Puducherry	18.11.2020	129
12.	Tyres and Wheel Alignment	Mr. A. Giriprasath Assistant Professor/Department of Mechanical Engineering, SMVEC, Puducherry	19.11.2020	130
13.	Trouble Shooting for Clutches	Dr.R.Ravisankar Associate Professor/Department of Mechanical Engineering, SMVEC, Puducherry	20.11.2020	95
14.	Braking systems	Mr.R.Manikandan Assistant Professor/Department of Mechanical Engineering, SMVEC, Puducherry	12.11.2020	120
15.	Spark plug/Self starting	Mr.M.Santhoshkumar Assistant Professor/Department of Mechanical Engineering, SMVEC, Puducherry	02.12.2020	130
16.	One Day Workshop on 3d Printing and CNC Programming	Mr. Jayakumar / Dr A G Ganeshkumar Professor / Department of Mechanical Engineering, SMVEC, Puducherry. (III year / Diploma in Mechanical Engineering Name of the College: Raja Desingh Polytechnic Engineering College, Kalaiyur – Nattaramangalam, Gingee Tk – 604 206, Villupuram. Phone No : 04146-235440 Mobile No : 9487741440 Sem : VI Sec : A)	18.03.2021	18
17.	Mech Master Club	Dr A G Ganesh Kumar Professor / Department of Mechanical Engineering, SMVEC, Puducherry.	26.03.2021 & 06.03.2021	73

3.4 Activities for Slow and Advanced Learners

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1.	Refrigeration, Air Conditioning and Cryogenics / MET73	Dr.K. Velmurugan	No	2	No
2.	Industrial Engineering and Management / MET72	Dr.G.G.Sozhamannan	No	2	No
3.	Design of Machine Elements / MET52	Dr.A.G.Ganesh kumar	No	2	No

4.	Engineering Metallurgy /U19MET36	Dr. A. Thiagarajan	No	2	No
5.	Dynamics of Machinery / MET51	Dr.K. Hemalatha	No	2	No
6.	Heat and Mass Transfer / MET54	Dr. R.Ravisankar	No	2	No
7.	Applied Thermodynamics / MET33 Solar Power Engineering / EE76	Dr.J. Pavalavana Pandian	No	2	No
8.	Mechanical Measurements / MET55 Industrial Engineering and Management / MET72	Mr.D. Karunakaran	No	2	No
9.	Refrigeration, Air Conditioning and Cryogenics / MET73 Heat and Mass Transfer / MET54	Mr.E.Manikandan	No	2	No
10.	Refrigeration, Air Conditioning and Cryogenics / MET73	Dr.T.Coumaressin	No	2	No
11.	Computer Aided Design/ MET71 Industrial Engineering & Management / MET71	Mr.P.Jayakumar	No	2	No
12.	Industrial Casting Technology / MEE54	Mr.A. Jeyachandran	No	2	No
13.	Mechanics of Solids / U19MET33 Metrology and Quality Control / MET53	Mr.P.Sathiaprathap	No		No
14.	Computer Aided Design / MET71	Mr. L. Martin	No	2	No
15.	Applied Thermodynamics / MET33SPE	Mr.A.Giriprasath	No	2	No
16.	Solar Power Engineering / EE76	Mr. M. Gunasekar	No	2	No
17.	Design of Machine Elements / MET52 Industrial Engineering and Management /	Mr.R.Hemanthkumar	No	2	No

	MET72				
18.	Metrology and Quality Control/ MET53 Mechanics of Solids / U19MET33	Mr.V.Ashok kumar	No	2	No
19.	Dynamics of Machinery MET51 Industrial Casting Technology / MEE54	Mr.R.Manikandan	No	2	No
20.	Dynamics of Machinery MET51 Industrial Casting Technology / MEE54	Mr.K.Navanitha Krishnan	No	2	No
21.	Computer Aided Design / MET71	Dr. L.Saravanan	No	2	No
22.	Heat and Mass Transfer / MET54 Mechanical Measurements / MET55	Mr.M.Santhoshkumar	No	2	No
23.	Metrology and Quality Control / MET53 Computer Aided Design/ MET71	Mr.G.Harish	No	2	No
24.	Fluid Mechanics and Machinery / U19MET35	Mr.K.Puhazlvanan	No	2	No
25.	Fluid Mechanics and Machinery / U19MET35	Mr.S.Prakash	No	2	No
26.	Mechanical Measurements / MET55 Engineering Metallurgy / U19MET36	Mr.S.Arulpradeep	No	2	No
27.	Solar Power Engineering / EE76	Mr.S.Jagan	No	2	No
28.	Numerical Methods and Statistic / U19MET51	Mr.Vijayan	No	2	No

3.5 Counseling and Mentoring

S.No	Particular	Yes / No	Remarks (if any)
1	Mentor Allocation	**Yes**	Mentor-Mentee system is our integral part. For each mentors 10 students are allotted. The mentor maintains entire details about the students and does periodic counseling.
2	Class wise student	**Yes**	Class wise student Profile Record Maintained by the class

	Profile Record Maintained		advisor
3	Mentor – Mentee Session Record Maintained	**Yes**	Mentor – Mentee Session Record Maintained by the mentors

No. of Students in Department	Number of Full Time Teachers in the Department	Mentor : Mentee Ratio
667	58	1:14.22

3.6 Internal Evaluation Systems

S.No	Particular	Yes / No	Remarks (if any)
1	Continuous Assessment Test Record	**Yes**	Maintained in the course files as well with the exam coordinator.
2	Seminar / Project Review Record	**Yes**	Periodic seminars are conducted by floating various advanced topics and project reviews are done regularly.
3	End Semester Examination Record	**Yes**	Maintained in the department exam cell
4	Student Grade Report	**Yes**	Maintained in the department exam cell

3.7 Learning Outcomes

S.No	Particular	Yes / No	Remarks (if any)
1	PO, PEO, PSO, CO are well stated	**Yes**	Well stated and passed in BOS
2	Correlation of COs with POs and PSOs for each Course	**Yes**	Well stated and passed in BOS
3	Course Outcome Attainment Calculated	**Yes**	Mention the target: 2.67
4	PSO and PO attainment through CO	**Yes**	-

3.8 Student Performance in End Semester Examination

Sr. No	Particular	B.Tech			M. Tech
		II Yr	III Yr	IV Yr	II Yr
1	Number of Students appeared	160	161	214	08
2	Number of All Clear Students	147	156	198	08
3	Number of Students passed with Distinction	-	-	-	-
4	Number of Students passed with First Class	-	-	-	-
5	Number of Students passed with Second Class	-	-	-	-
6	Number of Students Failed	-	-	-	-
7	Passing Percentage	91.8	96.8	92.52	100

SECTION – IV : STRUCTURED FEEDBACK

S.No	Particular	Yes / No	Number of Feedback Collected	Remarks (if any)
1	Student Feedback on Teaching and Learning conducted with action taken report	Yes	1149	-
2	Parent Meet / Parent Feedback on Teaching conducted with action taken report	Yes	121	-
3	Student Exit Survey conducted and Analysed	Yes	213	-
4	Alumni Feedback conducted and Analysed	Yes	56	-

SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS

5.1 Research Grants, Projects completed and ongoing from various Funding Agencies

S.No	Principle Investigator	Title of Project / Grants	Funding Agency	Amount (Rs. in Lakhs)	Duration of the project
1	Dr.K.Velmurugan Dr.A. Thiagarajan	Design and development of smart high strength materials by 3D printing of SLS for Biomedical applications.	AICTE-RPS	21,41,113	Date of Submission 18-12-2020 (Friday) Under Review

5.2 Consultancy Works

S.No	Name of the Faculty	Nature of Consultancy	Funding Agency	Fund Generated (Rs.)	Duration of the Consultancy
1	Dr.K.Velmurugan	New product Development	Prasanna Precision Tools Mettupalayam, Puducherry	1,50,000	1 year
2	Mr.A.Jeyachandran	Skill Development Training (CNC Turning)	Prasanna Precision Tools Padi, Chennai	**1,00,000**	6 Months
3	Mr.A.Jeyachandran	Experimental Investigation on machining properties of al6061/Ti for automotive components	J.D.Enginieering Kurumampet, Puducherry	**1,00,000**	1 Year

4	Dr.A.Thiagarajan	Skill Development Training (3D Printing & CAD Modules)	Sri Muralidhara Moulds, Ekkatuthangal-Chennai	**1,00,000**	4 Months

5.3 Faculty Publications

Publication Details (Last Four Years)

Sr. No	Academic Year	Papers Published in peer reviewed Journals	Scopus, Web of Science Indexing Papers	Total Number of Citations	h-index	Impact Factor range / Average Imapact Factors
1	2017-2018	09	Scopus	02	-	2.51
2	2018-2019	5	Scopus	23	-	2.0
3	2019-2020	10	Scopus	02	-	0.65
4	2020-2021	28	Scopus	05	-	0.65

Publication Details for Academic Year consider for Auditing (2020-2021)

Number of Publication in National Journals	-
Number of Publication in International Journals	28
Number of Publication in National Conferences	-
Number of Publication in International Conferences	03
Number of Books / Book Chapters	10
Number of Patent (Filed)	09
Number of Patents Granted	01

National Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	ISBN / ISSN
1	-	-	-	-

International Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	Vol, issue, pp, ISBN/ISSN	Indexing
1	Experimental study of behaviour of SIC and Graphene on Al7075 Hybrid MMC	K.Hemalatha R.AshuinRiyas G.G Sozhamanan V.S.K.Venkatachalapathy	Material Today: Proceedings	20(1)/ISSN 22147853 / 2020	h-index
2	Fabrication And Mechanical Behavior Of GFRP Composites	L. Martin V.S.K Venkatachalapathy A.Selvaraju	International Journal of Scientific & Technology Research	9 (03)/ ISSN 2277-8616 / 2020/ Page No:1750-1755	h-index

	Using Vacuum-Assisted Resin Transfer Molding And Hand Lay-Up Method				
3	Design and Fabrication of Automatic Flour Mill Plate Grinding Machine	S. Arul Pradeep K. Velmurugan S. Gokul S. Karthikeyan VSK.Venkatachalapathy	Comprehensive Advanced Specific Summarised Studies / 04(1) / ISSN 2581-6403/ 2020/ Page No:52-63	/ 04(1) / ISSN 2581-6403/ 2020/ Page No:52-63	h-index
4	Design and Fabrication of pumping system using two wheeler	Mr.D. Karunakaran, Mr.A.Jeyachandran	AUT AUT Research Journal 122DOI:10.0001865.	ISSN NO: 0005-0601volume XI Issue VI June-2020/ Page No: 118.	h-index
5	Study of pitting corrosion behavior of graphene oxide reinforced metal matrix composites	S.Naryanan, G.G Sozhamanan, K.Hemalatha V.S.K.Venkatachalapathy	Material Today: Proceedings /20(1)/ISSN 22147853	/20(1)/ISSN 22147853	h-index
6	Production and Analysis of Copper Oxide from Nanotechnology for Thermal Applications	E.Manikandan K.Velmurugan S.Sharavanan V.Vignesh VSK.Venkatachalapathy	Comprehensive Advanced Specific Summarised Studies/	04 (1) / ISSN 2581-6403/ / 2020 Page No: 45-51	h-index
7	Design and Fabrication of Semi - Automatic Tank Cleaner	Sharavanan Shunmugam, G. Balamuruga Mohan Raj, VSK.Venkatachalapathy	Comprehensive Advanced Specific Summarised Studies	04 (1) / ISSN 2581-6403/ / 2020	h-index
8	Design and Fabrication of Human Comfortable Air Conditioner	R. Manikandan K. Velmurugan S .Sharavanan S.Gokul VSK.Venkatachalapathy	Comprehensive Advanced Specific Summarised Studies	04 (1) / ISSN 2581-6403/ / 2020/ Page No:71-77	h-index

9	Design and Fabrication of Portable Groundnut Thruster	P.SathiaPrathap K.Velmurugan M.SathishKumar, T.KrishnaKumar, V.S.K.Venkatachalapathy	Comprehensive Advanced Specific Summarised Studies	04 (1) / ISSN 2581-6403/ / 2020/ Page No: 20-29	h-index
10	Design and Fabrication of Smart Hybrid Vehicle	K.NavanithaKrishnan K. Velmurugan P.Aravind S.Sharavanan, VSK.Venkatachalapthy	Comprehensive Advanced Specific Summarised Studies	04 (1) / ISSN 2581-6403/ / 2020/ Page No: 64-70	h-index
11	Hardness and Wear properties of Aluminium based hybrid metal matrix composite	A K. Thamizhmaran M.Santhoshkumar A. Jeyachandran Dr.R.Ravisankar	Aut Aut Research Journal	ISSN 0005-0601/ XI (VI) / 2020/ Page No: 84-92	h-index
12	Design and Fabrication of IOT based internal combustion engine replacing camshaft using ARDUINO and ECU	V.Ashokkumar A.Giriprasad A.Jeyachandran K.Velmurugan	Journal of Xidian University	3(2) ISSN 1001-2400/2020/ volume 14/ Issue6 / 2020/ Page No: 1456-1461	h-index
13	Design and Fabrication of Solar Dryer stabilization in Agriculture Application	S.Saravanan S.Jagan S.Prakash, A.Giriprasath	Journal of Xidian University	11/ISSN 1001-2400/2020/ volume 14/Issue 6/ Page No: 2000-2007	h-index
14	Optimizing Surface Roughness of AISI 304 In End milling Operation using Response Surface Methodology and Neural Network	K.Puhazlvanan A.jayachandran K.Velmurugan	Journal of Xidian University	ISSN 1001-2400/2020/ volume 14/Issue 7/ Page No: :51-58	h-index

	Model				
15	Synthesis and mechanical properties of pistachio shell filler on glass fiber polymer composites by VARIM process	M A. Thiagarajan , K. Velmurugan, P.P. Sangeeth /	Materials Today	Vol 20/22147853/ 10 October 2020	h-index
16	Transformation of conventional sink to Dishwasher	Arunkumar.R. K,Hemalatha, P.sathiaprathap, M.Gunasekar ,.	Aut Aut Research Journal	Volume XI, Issue VII, ISSN NO: 0005-0601, July/2020. Page No:476	h-index
17	A Comparative Study On Single And Double Jointed Cu-Al Bimetallic Strips Using Friction Stir Spot Welding Process	Karunakaran D Venkatachalapathy VSK	Journal of Manufacturing Engineering,	September 2020, Vol. 15, Issue. 3, pp/ ISSN No: 0973-6867 066-071	h-index
18	Electronics waste accomplishes and principles	Aut Aut Research Journal	P. Jayakumar, Dr.A.G.Ganesh Kumar	Volume XI / ISSN NO: 00050601/November /2020/ Volume XI, Issue XI, page no 33-35	h-index
19	Effect of AZ91 Alloy by Addition of Yttrium and to investigate the Microstructure and Mechanical Properties	Journal of Xidian	R. Hemanth Kumar G.Harish Jayakumar P Ganesh Kumar A.G	ISSN 1001-2400/June 2020/ volume 14/Issue 7/ Page No:43-50	h-index
20	Analystic Report Of Zirconum	Journal of Xidian University	Balamuruga Mohanraj.G, E. Manikandan, S. Arunkumr,	ISSN 1001-2400/June 2020/ volume 14/Issue 7/ Page:36-42	h-index

			K. Velmurugan, V.S, K.Venkatachalapathy		
21	Comparative assessment on heat transfer characteristics of a Truck Radiator using variousnano-additives	Aut Aut Research Journal	R.Ravisankar V.S.K.Venkatachalapathy K.Velmurugan N.Alagumurthi R.Sathiyamoorthi	ISSN NO: 00050601/October 2020/ Volume XI, Issue X, page no 01-14	h-index
22	Photovoltaic cell active cooling with Nano Fluids	Aut Aut Research Journal	S. Arul Pradeep K. Navanithakrishnan K.Velmurugan D.Thamizharasan S. Karthikeyan	ISSN NO: 00050601/December 2020/ Volume XI, Issue XII, page no 343-346	h-index
23	Design and fabrication of Portable Granular Fertilizer Spreader	Aut Aut Research Journal	K. Navanithakrishnan K.Velmurugan S. Arul Pradeep GGouber Raja M.Thoufique Ahamed	ISSN NO: 00050601/October 2020/ Volume XI, Issue XII, page no 328-334	h-index
24	Modeling and Finite Element Analysis of Aluminium Material Busbar for Various Temperature Distribution	Solid State Technology	Dr Josua Gananasekar Dr A G Ganesh Kumar Dr V S Thangarasu Dr N V Dhandapani	Volume: 64 Issue: 2 Publication Year: 2021 page no 4570-4578	h-index
25	Design and development of a prototype thermal power plant for recycling of sea water by distillation process	IOP Conference Series: Earth and Environmental Science	D Prabu A Giriprasath S Viknesh	volume:573 issue:1 / ISSN:1755-1315 month/year:October 2020	h-index
26	MFO-optimized constitutive model for a hybrid	Materials Today: Proceedings	L.Saravanan G.S.Sozhamannan, K.Velmurugan, V.S.K.Venkatachalnapathy	20(1)/ISSN 22147853/10 December 2020	h-index

	aluminum nanocomposite				
27	Hot deformation behavior and ANN modeling of an aluminium hybrid Nano composite	Materials Today: Proceedings	L. Saravanan K. Velmurugan V.S.K. Venkatachalapathy	20(1)/ISSN 22147853/30 April 2021	h-index

National Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
	-	-	-	-	-	-

International Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
1	Design and development of a prototype thermal power plant for recycling of sea water by distillation process	A Giriprasath S Viknesh	Earth and Environmental Science	IOP Conference Series	1755-1315	IOP Publishing
2	Production and its Optimization of Biodiesel from Prosopis Juliflora Seed Oil	D. Boopathi, K.Velmurugan	Virtual international conference on Advanced technologies and research in mechanical engineering	Virtual international conference on Advanced technologies and research in mechanical engineering	978-93-5406-356-5	MEA Engineering College, Malappuram, Kerala
	"Optimization of Coated and Cryogenic Treated of Single Point Cutting Tool by Using Taguchi Method"	Dr.A.Thiagarajan	1st Virtual National Conference on Emerging Trends in Mechanical Engineering and It's Application	1st Virtual National Conference on Emerging Trends in Mechanical Engineering and It's Application	-	SRM Institute of Science and Technology, Ramapuram Campus,

Books / Book Chapters

S.No	Title of Book / **Book Chapter**	**Name of the Authors**	**ISBN / ISSN**	**Publisher**
1	Robotics and automation / Knowledge representation and interference for AI based robots	Dr. V. S. K. Venkatachalapathy	978-93-90781-09-6	ESN Publications
2	Robotics and automation / State space models and structural properties of a wheeled robots	E. Manikandan, P. Jayakumar	978-93-90781-09-6	ESN Publications
3	Robotics and automation / Technical review on ranging and odometry for any robots	Dr. L. Saravanan, Dr. R. Ravisankar	978-93-90781-09-6	ESN Publications
4	Robotics and automation / Need for robotic solution for hazardous environment	Dr. K. Hemalatha, A. Jeyachandran	978-93-90781-09-6	ESN Publications
5	Robotics and automation / Disaster characteristics and impacts on robots	Dr. J. Pavalavana Pandian, S. Arul Pradeep	978-93-90781-09-6	ESN Publications
6	Robotics and automation / Expanding role of marine robotics in ocean engineering	R. Manikandan	978-93-90781-09-6	ESN Publications
7	Robotics and automation / Long term challenges for industrial robots	Dr. A. G. Ganesh Kumar, K. Navanitha Krishnan	978-93-90781-09-6	ESN Publications
8	Robotics and automation / Design and evolution of bio-inspired robots	Dr. K. Velmurugan, L. Martin	978-93-90781-09-6	ESN Publications
9	Robotics and automation / Safety precaution for Robot-Human interaction	Dr. T. Coumaressin, Dr. G. G.Sozhamannan	978-93-90781-09-6	ESN Publications
10	Robotics and automation / Social Robots for public interaction	Dr. G. Balamuruga Mohan Raj Dr. A. Thiagarajan	978-93-90781-09-6	ESN Publications

Patent

S. No	**Name of the Applicant (s)**	**Name of the Inventor (s)**	**Title**	**Application No. & Patent Filed Date**	**Country**	**Current Status**
1	Dr. R.RAVISANKAR	1)Dr. R.Ravisankar, 2)Dr.V.S.K.Venkatachalapathy 3)Mr.A.Jeyachandran, 4)Mr. L.Martin 5)Dr.K. Hemalatha, 6)Dr.G.Balamurugamohanraj 7)Mr.E.Manikandan 8)Dr.G.G.Sozhamann	Automatic Pneumatic Welding By Robot	202041029720 A & 13/07/2020	India	Filed

		an 9)Dr. T.Coumaressin 10)Dr.K. Velmurugan				
2	Dr.RAM SUBBIAH	4)Dr.K.Velmurugan, 5)Dr.R.Ravisankar, 6)Mr. L. Martin	Design of Solar Powered Mini Rice Mill	20204103 0668 A & 18/07/202 0	India	Filed
3	Dr.V.S.K.VENKATACHA LAPATHY	1)Dr.V.S.K.Venkatach alapathy 2)Dr.K.Velmurugan 3)Dr.G.G.Sozhamann an 4)Mr.A.Jeyachandran 5)Dr.K.Hemalatha 6)Dr.T.Coumaressin 7)Mr.E.Manikandan 8)Dr.G.Balamuruga Mohan Raj 9)Dr.R.Ravisankar 10)Mr.L.Martin	Smart Portable Automat ed Paneer Making Device	20204103 7094 A & 28/08/202 0	India	Filed
4	Dr.A.THIAGARAJAN	1)Dr.A.Thiagarajan 2)Dr.V.S.K.Venkatac halapathy 3)Dr.K.Velmurugan 4) Mr.A.Jeyachandran 5)Dr.L.Saravanan 6) Mr.S.Jagan 7) Mr.P.Jayakumar 8) Dr.J.Pavalavana Pandian 9)Mr.S.Surendra Prasath 10) Mr.V.Viswanath	Solar Acetone Power Generato r (Acesol) And Method of Generati ng Power	20204103 9774 A & 14/09/202 0	India	Filed
5	Mr.GOTTIPATI MANIDHAR	6) Dr. Pavalavanapandian.J	Concrete with Partial Replace ment of Cement With Metakaol in	20204103 8725 A 08/09/202 0	India	Filed
6	Dr.K.VELMURUGAN	1)Dr.K.Velmurugan 2)Dr.V.S.K.Venkatacha lapathy 3)Mr.K.Navanitha Krishnan 4)Mr.R.Manikandan 5)Mr.S.Arul Pradeep 6)Mr.P.Sathia Prathap 7)Mr.M.Gunasekar 8)Mr.S.Prakash 9)Mr.S.Saravanan	Multi-Purpose Skin Peeler	20204104 1657 A	India	Filed

		10)Mr.S.Jagan 11)Mr.K.Oudayakumar 12)Mr.N.Vijayan				
7	Dr. K. Hemalatha	)Dr. K. Hemalatha 2)Dr.V.S.K.Venkatachalapathy 3)Dr.K.Velmurugan 4)Mr.P.Sathiaprathap 5)Mr.M.Gunasekar 6)Mr.R Manikandan 7)Mr.K.Navanithakrishnan 8)Mr.S.Arulpradeep 9)Mr.R.Rabin Ranith 10)Mr.A.Emil Gèrard 11)Mr.V.Prabagaran 12)Mr.A.Bharane Kumar	Pearl Millet Dehusker and Aspirator	202041042471 A & 30/09/2020	India	Filed
8	Dr.A.G Ganesh Kumar	1)Dr.V.S.K. Venkatachalapathy 2)Dr.K. Velmurugan 3)Dr.A.G Ganesh Kumar 4)Dr.G.Balamuruga Mohan Raj 5)Dr.G.G.Sozhamannan 6)Dr.L.Saravanan 7)Mr.P.Ramesh Kumar 8)Mr.E.Maikandan 9)Mr.P.Jayakumar 10)Mr.R.Hemanthkumar 11)Mr.G.Harish 12)Mr.K.Puhazlvana 13)Mr.S.Prakash 14)Mr.M.Gunasekar	Skating Plate By Discarded PCB With Carbon Fiber Reinforced	202041049644 A & 13/11/2020	India	Filed
9	Dr.K.Velmurugan	1)Dr.K.Velmurugan 2)Mr.R.Manikandan 3)Mr.K.Navanitha Krishnan 4)Mr.S.Arul Pradeep 5)Dr.K.Hemalatha 6)Dr.D.Jaichithra 7)Mr.S.G.Namitha 8)Mr.C.Gunalan 9)Mr.M.Prasanna 10)Mr.J.Ravi Taja	Design and Fabrication Of Flower Stringing Machine	202041051662 A & 27/11/2020	India	Filed
10	Dr.A.G Ganesh Kumar	Ganesh Kumar .A,G Balamurugamohanraj. .G	A Reinforced ABS Composite	202010172724 & 2020-08-07	India	Grant

			Material of Spider Silk And Aramid Fiber Along With Graphene For Fabrication Of Unmanned Aerial Vehicles			

SECTION – VI: COLLABORATIONS AND LINKAGES

6.1 Student Internships

S.No	Name of the Student	Name of the Sponsored Industry / Research Institute / Partnering Institution	About Internship		
			Duration	From date	To date
1	S.UDAYAKUMAR	NLC INDIA LIMITED	13 DAYS	22.02.2021	06.03.2021
2	S.SENTHAMIL SELVAN	NLC INDIA LIMITED	13 DAYS	22.02.2021	06.03.2021
3	B.PARAMEISHWAR	NLC INDIA LIMITED	13 DAYS	22.02.2021	06.03.2021
4	R.SARAN	NLC INDIA LIMITED	13 DAYS	22.02.2021	06.03.2021
5	S.NAVEENKUMAR	NLC INDIA LIMITED	13 DAYS	22.02.2021	06.03.2021
6	S.AJAY	NLC INDIA LIMITED	13 DAYS	22.02.2021	06.03.2021
7	A.G.RAJKRISHNA	NLC INDIA LIMITED	13 DAYS	08.03.2021	20.03.2021
8	S.PAVITHRAN	NLC INDIA LIMITED	13 DAYS	08.03.2021	20.03.2021
9	K.K.VISHWAA	NLC INDIA LIMITED	13 DAYS	08.03.2021	20.03.2021
10	G.NITHISH	NLC INDIA LIMITED	13 DAYS	08.03.2021	20.03.2021
11	ALTHAF AHAMED	UNITED NATIONS VOLUNTER	94 DAYS	20.01.2021	25.04.2021
12	S.ARTHI	THIRSTY CROWZ	11 DAYS	07.10.2020	17.10.2020
13	B.JOTHIKRISHNA	PIANALYTIX EDUTECH PVT LTD	1 MONTH	16.12.2020	15.01.2021
14	SUDARSON	NEW PROPELLER TECHNOLOGIES	1 MONTH	06.07.2020	07.08.2020
15	B.KALAISELVAN	MARUTHI SUZUKI	29 DAYS	02.11.2020	30.11.2020
16	A.VIGNESH	KAAR TECHNOLOGIES INDIA PRIVATE LIMITED	6 MONTHS	03.03.2021	02.09.2021
17	S.KARTHIKEYAN	COGNIZANT	6 MONTHS	16.02.2021	16.08.2021
18	N.HARISH	COGNIZANT	6 MONTHS	16.02.2021	16.08.2021
19	M.YAZRULNAZIM	COGNIZANT	6 MONTHS	16.02.2021	16.08.2021
20	DEVARAPALLI RATNA VIKAS	COGNIZANT	6 MONTHS	16.02.2021	16.08.2021
21	A.JAMBUKUMAR	COGNIZANT	6 MONTHS	16.02.2021	16.08.2021

22	A.VIGNESH	COGNIZANT	6 MONTHS	16.02.2021	16.08.2021
23	K.VARUN KALISHWAR	COGNIZANT	6 MONTHS	16.02.2021	16.08.2021
24	S.SRIDHAR	COGNIZANT	6 MONTHS	16.02.2021	16.08.2021
25	S.VISHNURAM	COGNIZANT	6 MONTHS	16.02.2021	16.08.2021
26	T.KRISHNAKUMAR	COGNIZANT	6 MONTHS	16.02.2021	16.08.2021

6.2 Sponsored / Industry Projects

S.No	Project Title	Name of the Student/s	Name of the Sponsored Industry / Research Institute / Partnering Institution	Duration of the Project (Months)
1	Optimization In Cabinet Line By Introduction Of De-Stacker	K.Varun Kalishwar	Whirlpool Of India Limited	28 DAYS
2	Optimization In Cabinet Line By Introduction Of De-Stacker	S.Kaushik	Whirlpool Of India Limited	28 DAYS
3	Optimization In Cabinet Line By Introduction Of De-Stacker	S.Vishnu Ram	Whirlpool Of India Limited	28 DAYS

Industrial Visits

S.No	Name of the Industry / Company / Research Institute	Date of Visit	Target Audience	Number of Students Participated
1	Hindustan Glass Pvt.Lts	27.02.2021	73	73

6.3 Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
1	Harita Techserv	2015	Skill development for Faculties and students	Tentative
2	Festo Automation	2019	Skill development for students	Tentative

SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	165
Number of Students opted Higher Studies	20
Number of Entrepreneur	10

7.1 Placements

SL NO	Reg No	Name	Company	Salary
1	17TB0379	VIGNESH. A	KAAR	600000
2	17TB0201	ABINAYA R	CTS	400000
3	17TB0273	KARTHIKEYAN. S	CTS	400000
4	17TB0353	SRI SAI SARANYA.S	CTS	400000
5	17TB0375	VIGNESH A	CTS	400000

6	17TB0379	VIGNESH. A	CTS	400000
7	17TB0235	DEVARAPALLI RATNA VIKAS	CTS	400000
8	17TB0256	HARISH N	CTS	400000
9	17TA0238	JAMBUKUMAR A	CTS	400000
10	17TB0277	KRISHNA KUMAR. T	CTS	400000
11	17TB0354	SRIDHAR S	CTS	400000
12	17TB0368	VARUN KALISHWAR. K	CTS	400000
13	17TB0384	VISHNU RAM .S	CTS	400000
14	17TB0391	YAZRUL NAZIM. M	CTS	400000
15	17TB0222	AZMAL MOINUDEEN B	CTS	400000
16	17TB0294	NAVEENKUMAR. S	CTS	400000
17	17TB0345	SHEHBAZ.S	TCS	336000
18	17TB0201	ABINAYA R	TCS	336000
19	17TB0209	AMRUTH MARIO. A	TCS	336000
20	17TB0210	ANANDARAJA .T	TCS	336000
21	17TB0218	ARUN KUMAR .S	TCS	336000
22	17TB0220	ASHOK KUMAR.S	TCS	336000
23	17TB0227	BARANIY .T.V	TCS	336000
24	17TB0230	BHUVANESHWARAN .N	TCS	336000
25	17TB0237	DILIPKUMAR .K	TCS	336000
26	17TB0242	GOKUL .S	TCS	336000
27	17TB0246	GOUBER RAJA. G	TCS	336000
28	17TB0261	JAGADEESWARAN .S	TCS	336000
29	17TB0266	JAYASHREE. M	TCS	336000
30	17TB0273	KARTHIKEYAN. S	TCS	336000
31	17TB0276	KAVIYA.T.A	TCS	336000
32	17TB0292	NANDINI VENUGOPAL	TCS	336000
33	17TB0327	RAMKUMAR .R	TCS	336000
34	17TB0333	SANTOSH KUMAR.S	TCS	336000
35	17TB0339	SATHISH KUMAR .M	TCS	336000
36	17TB0350	SIVARAJESH .B	TCS	336000
37	17TB0352	SRI HARI MUDAKAVI	TCS	336000
38	17TB0353	SRI SAI SARANYA.S	TCS	336000
39	17TB0366	THOUFIQUE AHAMED.M	TCS	336000
40	17TB0375	VIGNESH A	TCS	336000
41	17TB0383	VIJAYARAJ.S	TCS	336000
42	17TB0302	PARAMASHWAR	TCS	336000
43	17TB0275	KAUSHIK .S	TCS	336000
44	17TB0216	ARUN KUMAR. G	TCS	336000
45	17TB0284	MAHESHWAAR S	TCS	336000
46	17TB0317	PRAVIN KUMAR.B	SUTHERLAND	240000
47	17TB0388	VISHWAA SIMON. A	SUTHERLAND	240000
48	17TB0207	AJEETHKUMAR. P	SUTHERLAND	240000
49	17TB0211	ANEESH RAGHAV.N	SUTHERLAND	240000
50	17TB0212	ANNAMALAI B	SUTHERLAND	240000
51	17TB0216	ARUN KUMAR. G	SUTHERLAND	240000
52	17TB0260	JAGADEESHWAR. S	SUTHERLAND	240000

53	17TB0262	JAGADISH. J	SUTHERLAND	240000
54	17TB0279	KUGAN .P	SUTHERLAND	240000
55	17TB0284	MAHESHWAAR S	SUTHERLAND	240000
56	17TB0286	MOHAMED AZHARUDDIN .A	SUTHERLAND	240000
57	17TB0288	MOHAN KUMAR.R	SUTHERLAND	240000
58	17TB0294	NAVEENKUMAR. S	SUTHERLAND	240000
59	17TB0324	RAJASEKAREN. S. K	SUTHERLAND	240000
60	17TB0326	RAMESH KHANNA. R	SUTHERLAND	240000
61	17TB0345	SHEHBAZ.S	SUTHERLAND	240000
62	17TB0392	YESWANTH. A	SUTHERLAND	240000
63	17TB0290	MUGESH C	SUTHERLAND	240000
64	17TB0317	PRAVIN KUMAR.B	LSE	200000
65	17TB0388	VISHWAA SIMON. A	LSE	200000
66	17TB0234	DEVANATHAN.N	LSE	200000
67	17TB0222	AZMAL MOINUDEEN B	LSE	200000
68	17TB0208	AKASH ABRAHAM I	LSE	200000
69	17TB0383	VIJAYARAJ.S	ZOHO	180000
70	17TB0279	KUGAN .P	ACCENTURE	400000
71	17TB0211	ANEESH RAGHAV.N	ACCENTURE	400000
72	17TB0317	PRAVIN KUMAR.B	ACCENTURE	400000

7.2 Higher Studies

S.No	Name of the Student	Degree	Name of the College
1	KAVIYA.T.A	M.Tech	Pondicherry Engineering College, Pondicherry.
2	VENKATESH.K	MBA	Pondicherry University, Pondicherry.
3	RUBIN RAJ.B	M.Tech	Pondicherry Engineering College, Pondicherry.
4	SAKKTHI PRIYAN. T 21MAE0031	M.Tech	Vellore Institute of Technology, Vellore Campus.
5	GOPIKRISHNA. M	M.S	University of CALGARY,CANADA
6	BARATH RAJ. S	M.S	University of ALBERTA, CANADA
7	HARIHARAN. B	M.S	University of CALGARY,CANADA
8	ANNAMALAI. B	M.S	University of COVENTRY,UK
9	THIRUMAL PIRATHEEPAN.T	M.S	University of ALBERTA, CANADA
10	YOGESSH. R.P	M.S	University of ALBERTA, CANADA
11	VICHITHRAN. M	M.Tech	Pondicherry Engineering College, Pondicherry.
12	SIVARAJESH .B	M.S	University of CALGARY,CANADA
13	SIVANESAN.S	M.S	University of ALBERTA, CANADA
14	RANJAN CHANDAR. M	M.S	University of CALGARY,CANADA
15	NIRMAL SUNDAR	M.S	University of COVENTRY,UK
16	NANDINI VENUGOPAL	M.S	University of ALBERTA, CANADA
17	MADHIVANAN .A	M.S	University of ALBERTA, CANADA
18	KARUNAGARAN .V	M.S	University of CALGARY,CANADA
19	JERALD. L	M.S	University of COVENTRY,UK
20	GOUBER RAJA. G	M.S	University of ALBERTA, CANADA

7.3 Entrepreneur

Sl. No	Name of the Student	Contac Number	Company Name
1	PARAMEISHWAR. B	958517026	BRAINY 3D
2	VIJAYARAJ.S	7867840023	BRAINY 3D
3	BARANIY .T.V	958517026	BRAINY 3D
4	RAGHAVENDHIRAN.R	7867840023	BRAINY 3D
5	VIGNESH .S	958517026	BRAINY 3D
6	MOHANA KRISHNAN.S	9750328399	**ALPHINE STEELTECH PVT LTD** (Fabricators, Equipment manufacturing & Erection)
7	RAJKRISHNA.A.G	960012016	**JAYA SURIYA** (Bus body builders and painting labour works)
8	GOPIARAVIND.R	9894523305	**GENESYS**(Academy of Computer science)
9	NIRMAL SUNDAR	8903882139	**RASI** (Rice Merchant)
10	BALAJI.B	7904081348	**THIRUMALAI BALAJI JEWELLER**

SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT

8.1 Technical Event / Workshop for Student

S.No	Name of the Event / Workshop	Organized under(Department / Student Association/ Profession Chapter / Student Club)	Date of Event	Level (State / National / International)	No. of Participants
1	Injection Moulding in Plastic Technology	Department	09.10.2020	National	126

8.2 FDP /Workshop / STTP / Conference for Faculty

S.No	Name of the Event / Workshop	Organized under(Department / Student Association/ Profession Chapter)	Date of Event	Level (State / National / International)	No. of Participants
1	Workshop on Injection Moulding in Plastic Technology	Department	09.10.2020	National	23
2	FDP on Design Thinking	Department/ATAL	08.11.2020 – 12.11.2020	National	183

SECTION – IX: ACHIEVEMENTS

9.1 Awards and Prizes Received by Students

S.No	Name of the Student	Event Name / Details	Organized by	Achievement / Position / Prizes
1	Mr.Parameshwaran	Inframind Challenge 2021	TCS	Got job offer
2	Mr.S.Kaushik	Inframind Challenge 2021	TCS	Got job offer

3	R. Arthi	Superhero Merchandise in International event Super Hero U contest	United States of America	100$ gift card
4	K.Roakesh	Unisys cloud 20/20	Unisys	won 7th Position
5	R.B.Jothikrishna	Unisys cloud 20/20	Unisys	won 7th Position
6	S.Maheswaran	Design contest	ICT Academy	Reached finals
7	C.Karthikeyan	Design contest	ICT Academy	Reached finals

9.2 Participation of teachers in various activities as a Members of Committees at University Level / State Level / National Level / International Level bodies

S. No	Name of the Faculty	Members of Committees at University Level / State Level / National Level / International Level as
1	Dr.V.S.K.Venkatachalapathy	• Member, Global Engineering Deans Council India Chapter (GEDCIC) • Member, American Society of Metals (ASM) • Member, Indian Society of Technical Education (MISTE) • Member, Executive Committee "Young Indian" CII Chapter, Puducherry • Member, Computer Society of India (CSI) • Member, Institution of Engineers (FIE)
2.	Dr.K.Velmurugan	• Indian Society for Technical Education (ISTE) • The Institution of Engineers – India (IE) • Indian Society of Mechanical Engineers (FISME) • Asian Society Research (ASR) • Association for Iron & Steel Technology (AIST) • Scientific and Technical Research Association (STRA) • International Association of Educators And Researchers (IAER) • MHRD- Innovation Council
3	Er.D.Karunakaran	• Fellow and Executive committee member (Mechanical Division) in The Institution of Engineers – India (IEI) , Puducherry state center

9.3 Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers

S. No	Name of the Faculty	Name of Editorial Boards / Conferences
1	Dr.K.Velmurugan	• Consulting Engineering "Journal of Automotive Mechanical & Aerospace Engineering Research". • Technical Editor "Technology Today". Consulting Engineer "Engineering Today". • Technical Reporter "The Technology Today". • Technical Consultant "Journal of Engineering Technological Research". • Consulting Editor "Engineering Today". • Assignment Editor "Journal of Electrical Electronics & Computer Engineering Research". • Technical Consultant "Journal of Engineering Technology and Management Science".

9.4 Awards / Prizes and Recognitions received by teachers at University, State, National and International Level

S. No	Name of the Faculty	Name of Awards / Recognition
1	Dr.V.S.K.Venkatachalapathy	• Recognised member, Global Engineering Deans Council India Chapter • AICTE IDEA LAB - Head
2	Dr.K.Velmurugan	AICTE IDEA LAB Coordinator
3	Dr.K.Hemalatha	AICTE-NITTR Mentor
4.	Mr D. Karunakaran	• AICTE UHV Orientation and Refresher - Mentor

9.5 Details of Faculty participated in Refresher Courses, Orientation Courses, Seminars, Workshops, Conferences at National and International Level

S.No	Name of the Faculty	FDP /STTP /Workshop /Conference Title	Organized by	Duration (Days)
1.	Mr.P.Jayakumar	FDP	ICT Academy	5 days
2.	Mr.P.Jayakumar	FDP	ICT Academy	5 days
3.	Mr.D. Karunakaran	FDP	AICTE	5 days
4.	Mr.D. Karunakaran	FDP	ALL	5 days
5.	Mr.D. Karunakaran	FDP	AICTE	12 Weeks
6.	Mr.R.Hemanthkumar	FDP	ICT Academy	5 days
7.	Mr.R.Hemanthkumar	FDP	ICT Academy	5 days
8.	Mr.A.Giriprasath	FDP	AMET	14 days
9.	Mr.A.Giriprasath	FDP	SMVEC/ATAL	5 days
10.	Mr.A.Giriprasath	FDP	IIMC	3 days
11.	Mr.A.Giriprasath	Workshop	Annapoorana Engineering College	1 days
12.	Mr.A.Giriprasath	FDP	Nagpur	7 days
13.	Mr.A.Giriprasath	Conference	SRM	2 days
14.	Mr.A.Giriprasath	STTP	AICTE/PEC	7 days
15.	Mr.R.Hemanthkumar	FDP	Academy of Maritime Education and Training	10 days
16.	Mr.A.Giriprasath	Workshop	Government College of Engineering, Karad	7 days
17.	Mr.A.Giriprasath	FDP	Department of Mechanical Engineering (Mechatronics	7 days
18.	Mr.A.Giriprasath	FDP	Faculty of Engineering & Technology, JAIN (Deemed-to-be) University	7 days
19.	Mr.A.Giriprasath	FDP	NARSIMHA REDDY ENGINEERING COLLEGE	5 days
20.	Mr.A.Giriprasath	FDP	G. H. Raisoni College of Engineering, Nagpur	7 days
21.	Mr.A.Giriprasath	FDP	Department of Mechanical Engineering (Mechatronics).	7 days
22.	Mr.A.Giriprasath	FDP	College of Engineering, Pune	7 days
23.	Mr.A.Giriprasath	FDP	R. R. Institute of Technology	7 days
24.	Mr.A.Giriprasath	FDP	Kalasalingam college	7 days
25.	Mr.A.Giriprasath	FDP	SRM Institute of Science and Technology	5 days
26.	Mr.A.Giriprasath	FDP	College of Engineering, Pune	7 days
27.	Mr.A.Giriprasath	FDP	Sri Venkateswara College of	5 days

			Engineering	
28.	Mr.A.Giriprasath	FDP	Geethanjali College Of Engineering & Technology (Autonomous)	5 days
29.	Mr.A.Giriprasath	FDP	Pimpri	7 days
30.	Mr.A.Giriprasath	FDP	SMVEC	4 days
31.	Mr.A.Giriprasath	FDP	DYPIEMR, Akurdi	7 days
32.	Mr.A.Giriprasath	FDP	Karmaveer	5 days
33.	Mr.A.Giriprasath	FDP	Sri Sairam Engineering College	7 days
34.	Mr.A.Giriprasath	FDP	SVERI's College of Engineering	7 days
35.	Mr.A.Giriprasath	FDP	Sharad	5 days

Declaration by HoD

I am aware that the above information provided by the department will be validated by the Academic and Administrative Audit (AAA) committee during the visit

Head of the Department

Recommendations:

Section	Remarks
Curricular Aspects	All relevant documents are verified
Teaching, Learning and Evaluation	All relevant documents are verified
Structured Feedback	All relevant documents are verified
Research, Innovation and Publications	Publication count need to be increased
Collaborations and Linkages	Sponsored or Industry Projects count need to be increased
Student Progression	All relevant documents are verified
Activity Conducted / Organized by the Department	Organize more FDP/STTP in the department
Achievements	All relevant documents are verified
General Remarks	Most of the documents are available in the department

Signature of the External Academic Audit Experts

Dr. M. Karthikeyan
Professor,
Department of Mechanical Engineering,
Rajarajeswari College of Engineering,
Mysore Road, Bangalore – 560074.

Dr. R. Baskaran,
Professor,
Department of Industrial Engineering,
CEG, Anna University.

ACADEMIC AND ADMINISTRATIVE AUDIT

DEPARTMENT OF

INSTRUMENTATION AND CONTROL ENGINEERING

ACADEMIC AND ADMINISTRATIVE AUDIT

(Academic Year 2020 - 2021)

EXTERNAL AUDIT

EXTERNAL AUDIT SECTION –1 : BASIC INFORMATION

Audit Date	18.11.2021	
Name of the Department	Instrumentation and Control engineering	
Year of Establishment	2002	
Programs Offered	Name of the Program: B.Tech; Approved Intake: 60	
Head of the Department		
Number of full time Teachers	Professor	2
	Associate Professor	-
	Assistant Professor	9
Number of Technical Staff		
Number of Students	For B.Tech: First Year 27; Second Year 33; Third Year 38; Fourth Year 49; Total 147	For M.Tech: First Year -; Second Year -; Total -
Faculty Student Ratio	1:13.36	

SECTION –2 : CURRICULAR ASPECTS

2.1 Academic Plan

S.No	Particular	Available (Yes / No)	Remarks
	Odd 20		
1	Department Academic Calendar	**Yes**	
2	Faculty Subject Preferences	**Yes**	
3	Elective choices from the Students	**Yes**	
4	Course allotment to the Faculty	**Yes**	
5	Time Table (UG)	**Yes**	
6	Lesson plan for each Course	**Yes**	
	Even 21		
1	Department Academic Calendar	**Yes**	
2	Faculty Subject Preferences	**Yes**	
3	Elective choices from the Students	**Yes**	
4	Course allotment to the Faculty	**Yes**	
5	Time Table (UG)	**Yes**	
6	Lesson plan for each Course	**Yes**	

2.2 Participation of the Faculty in the Curriculum development for courses offered in UG and PG programs

S.No	Name of the Faculty	Participated as	Course	Year / Sem
1.	Dr. L. M. Varalakshmi	Planner, Designer, Decision maker R-2020	All Courses	R-2019
				R-2020
2	Mrs. T. Sudha	Manager, Implementer	R-2019	
			Circuit Theory	II / III
			Linear Control System	III/V
			Simulation Lab	III/ V
			Industrial Electronics	III / V
			Process control	III/ VI
			Process control lab	III/ VI
			Instrumentation in Process Industries	IV / VIII
			Computer Control of Processes	IV/VII (PE)
			Industry Safety	IV / VIII(PE)
			System Identification and Adaptive Control	IV/ VIII (PE)
			Piping and Instrumentation Diagram	IV / VIII (PE)
			Design of Process Control System Components	IV / VIII (PE)
			Sensor and Transducer	II/ IV (OE)
			R-2020	
			Circuit Theory	I / II
			Linear Control System	II/IV
			Simulation Lab	II/ IV
			Industrial Electronics	III / V
			Process control	III/ VI
			Process control lab	III/ VI
			Instrumentation in Process Industries	IV / VIII
			Computer Control of	IV/VII

			Processes	
			Industry Safety	IV / VIII(PE)
			System Identification and Adaptive Control	IV/ VIII (PE)
			Piping and Instrumentation Diagram	IV / VIII (PE)
			Design of Process Control System Components	IV / VIII (PE)
			Sensor and Transducer	II/ IV (OE)
3	Mr. J. Jeevanantham	Manager, Implementer	R-2019	
			Transducer Engineering	II/III
			Transducer Engineering Lab	II/III
			Applied Soft Computing	III / IV
			Instrumentation System Design Lab	III/ V
			Process Automation	IV/ VII
			Process Automation Lab	IV / VII
			Advanced Control System	III / V (PE)
			Automotive Instrumentation System	IV /VII (PE)
			Advanced Instrumentation System	IV / VIII (PE)
			Control System Engineering	II / IV (OE)
			Digital Control System	III / VI
			R-2020	
			Transducer Engineering	I/II
			Transducer Engineering Lab	I/II
			Applied Soft Computing	III / VI (PE)
			Instrumentation System Design Lab	III/ V
			Process	IV/ VII

			Automation	
			Process Automation Lab	IV / VII
			MEMS and NEMS	II / V
			Advanced Control System	III / V (PE)
			Automotive Instrumentation System	IV /VII (PE)
			Advanced Instrumentation System	IV / VIII (PE)
			Control System Engineering	II / IV (OE)
			Digital Control System	III / VI
4	Mrs. M. Rekha	Coordinator, Implementer, R-2020/ R-2019 Curriculum and Syllabus	R-2019	
			Electronics Engineering,	II/III
			Electrical and Electronic Measurements	II/III
			Electrical Machines Lab	II/ IV
			Industrial Instrumentation-I	III / V
			Industrial Instrumentation-II	III / VI
			Electronics Engineering Lab	II/III
			Electric Drives and Control	II / IV
			Electric Hybrid Vehicles	II / IV
			Electric Machines	II / IV
			Modern Electronic Instrumentation	IV / VII
			Fiber Optics and Laser Instrumentation	IV / VII
			Renewable Energy Resources	IV/ VIII
			R-2020	
			Basic Electronics	I/I
			Electronic Circuits	I / II

			Electronic Circuits Lab	I / II
			Electrical and Electronic Measurements	II/III
			Electrical Technology Lab	I/ I
			Industrial Instrumentation-I	III / V
			Industrial Instrumentation-II	III / VI
			Basic Electronics Lab	I/I
			Electric Drives and Control	II / IV (PE)
			Electric Hybrid Vehicles	II / IV (PE)
			Electric Technology	I / I
			Modern Electronic Instrumentation	IV / VII (PE)
			Fiber Optics and Laser Instrumentation	IV / VII (PE)
			Renewable Energy Resources	IV/ VIII (PE)
5	Dr. D.Sivanandakumar	Evaluator	R-2019	
			Microprocessor and embedded system design	III/ V
			Digital Logic Circuits	II / IV
			Analog and Digital Circuits Lab	II / IV
			Embedded System Design	III/ V
			Microprocessor and Embedded System Design Lab	III/ V
			Communication System	III/ V (PE)
			Signals and Systems	III / V (PE)
			Digital Control System	III / VI (PE)
			Industry 4.0	IV / VIII (PE)
			Cyber Security	IV / VIII (PE)

			in Industrial Automation	
			Fuzzy Logic and Neural Networks	III / VI (OE)
			Digital Signal Processing	II / IV
			Mechatronics and Instrumentation	II / IV
			Communication System	II/ IV (PE)
			Signals and Systems	I / II
			Digital Control System	III / VI (PE)
			Industry 4.0	IV / VIII (PE)
			R-2020	
			Microprocessor based System Design	II / IV
			Digital Logic Circuits	I / III
			Analog and Digital Circuits Lab	I / III
			Embedded System Design	III/ V
			Microprocessor based System Design Lab	II/ IV
			Digital Signal Processing	II / IV
			Mechatronics and Instrumentation	II / IV
			Communication System	II/ IV (PE)
			Signals and Systems	I / II
			Digital Control System	III / VI (PE)
			Industry 4.0	IV / VIII (PE)
			Cyber Security in Industrial Automation	IV / VIII (PE)
6	Mr. P. Naveen kumar	Implementer	R-2019	
			Analog Integrated Circuits	II / IV
			Biomedical Instrumentation	IV/ VII
			Robotics and Automation	III / V (PE)

			Power Plant Instrumentation	III / VI (PE)
			Industrial Data Networks	IV/ VIII (PE)
			Field Instrumentation and Cabling	IV/ VIII (PE)
			Industrial Automation	IV/ VII (OE)
			R-2020	
			Analog Integrated Circuits	I / III
			Solid and Fluid Mechanics	II / III
			Solid and Fluid Mechanics Lab	II / III
			Biomedical Instrumentation	IV/ VII
			Diagnostic and Therapeutic Equipments Lab	III / VI
			Robotics and Automation	III / VI (PE)
			Power Plant Instrumentation	III / VI (PE)
			Industrial Data Networks	IV/ VIII (PE)
			Field Instrumentation and Cabling	IV/ VIII (PE)
			Industrial Automation	IV/ VII (OE)
7	Ms. P. Kiruthika	Implementer	R-2019	
			Analytical Instrumentation	III/ VI
			Internet of Things (IOT) for Automation	III/ VI
			Internet of Things Lab	III/ VI
			Virtual Instrumentation Lab	IV / VII
			Telemetry and Tele control	III / V (PE)
			Industrial Unit Operation	III / V (PE)
			R-2020	
			Analytical Instrumentation	III/ V
			Internet of Things for Automation	III/ VI

			Internet of Things Lab	III/ VI
			Virtual Instrumentation Lab	IV / VII
			Telemetry and Tele control	III / V (PE)
			Industrial Unit Operation	III / V (PE)
			Web Based Instrumentation	III / VI (PE)
			Virtual Instrumentation	IV / VII (PE)
			Fault Detection and Diagnostics	IV/ VII (PE)
			Industrial Safety and Management	II/IV (OE)
			Ultrasonic Instrumentation	IV / VII (OE)

2.3 List of Professional Elective Courses offered by the department

S.No	Year / Sem	Name of the Elective Course	Course Code	Number of Students Registered
Odd 2019				
R-2013 (II Yr: 2018-2022) , (III Yr: 2017-2021), (IV Yr: 2016-2020)				
1	III / V	Telemetry and Telecontrol	IC E53	38 (2018-2022)
2	IV / VII	Applies soft Computing	IC E71	49 (2017-2021),
3	IV / VII	Power Plant Instrumentation	IC E73	49 (2017-2021),
Even 2020				
1	III / VI	Biomedical Instrumentation	IC E65	38 (2018-2022)
2	IV/ VIII	Design of Process Control System Components	IC E82	49 (2017-2021), 45(2016-2020)
R- 2019				
1	II / IV	Electrical Machines	U19ICE45	33 (2019-2023)

2.4 List of Open Elective Courses offered by Other department

S.No	Year / Sem	Offering Department	Name of the Elective Course	Course Code	Number of Students Registered

2.5 List of Skill Development Courses offered by the department

S.No	Year / Sem	Name of the Skill Development Course	Course Code	Number of Students Registered

2.6 List of Certification Courses offered by the department

S.No	Year / Sem	Name of the Certification Course	Course Code	Number of Students Registered

2.7 ist of Mandatory Courses offered by the department

S.No	Year / Sem	Name of the Mandatory Course	Course Code	Number of Students Registered

SECTION –3: TEACHING, LEARNING AND EVALUATION

3.1 Course Delivery

Odd 2020

Semester:I

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Engineering Mathematics-I	Dr.B.Kanimozhi	60	60	58
2	Material Science	Mr.S.Arulpradeep	45	45	45
3	Basic Electronics	Mrs.M.Rekha	45	52	53
4	Electrical Technology	Mrs.M.Omamageswari	45	50	55
5	Fundamentals of Civil and Mechanical Engineering	Mr.Prakash&Mr.S.Azhagarsami	45	55	51
6	Engineering Graphics using AUTOCAD	Ms.Aswini	30	30	30
7	Basic Electronics Lab	Mrs.M.Rekha	30	30	30
8	Electrical Technology Lab	Mrs.M.Omamageswari	30	30	30

Semester: III

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Complex Analysis and	Mrs.M.Suhasini	60	58	50

	Applications of Partial Differential Equations/U19ICT31				
2	Data Structures/U19ICT32	Mr.M.Rajesh Kumar	45	42	45
3	Circuit Theory/ U19ICT33	Mrs.T.Sudha	60	60	57
4	Electrical and Electronic Measurements/ U19ICT34	Mrs.M.Rekha	45	45	49
5	Electronics Engineering/ U19ICT35	Dr.L.M.Varalakshmi	45	45	36
6	Transducer Engineering/ U19ICT36	Mr.G.Laxmi Narayanan	45	45	47
7	Data Structures Lab/ U19ICP31	Mr.M.Rajesh Kumar	30	30	30
8	Electronics Engineering Lab/ U19ICP32	Mrs.M.Rekha	30	30	30
9	Transducer Engineering Lab/ U19ICP33	Mr.G.Laxmi Narayanan	30	30	30

Semester : V

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Numerical methods/ MA T51	Mrs.Gayathri	60	60	61
2	Control Systems Engineering/ IC T52	Mr.J.Jeevanantham	60	60	59
3	Industrial Instrumentation-I/ IC T53	Mrs.M.Omamageswari	45	43	44
4	Microprocessors &its Applications/ IC T54	Mr.N.Nagarajan	45	45	42
5	Electric Drives and Control/ IC T56	Mrs.M.Rekha	45	42	44
6	Telemetry and Telecontrol/ ICE53	Mr.G.Laxmi Narayanan	45	42	44
7	Simulation Lab/ IC P51	Mr.S.Sathiyaprasanth	30	30	30
8	Instrumentation Design lab/ IC P52	Mrs.M.Omamageswari	30	30	30
9	Microprocessors &its Applications lab/ IC P53	Mr.N.Nagarajan	30	30	30

Semester : VII

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Computer Control of Processes/ IC T71	Mr.J.Jeevanantham	45	45	40
2	Industrial Safety & Management/ IC T72	Mrs.T.Sudha	45	42	38
3	Applied soft Computing/ IC E71	Mr.N.Nagarajan	45	43	40
4	Power plant Instrumentation/ IC E73	Mr.J.Jeevanantham	45	43	40
5	Industrial measurement and control lab/ IC P71	Mr.J.Jeevanantham	30	30	30

Even 2021

Semester: IV

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Probability and Statistics/ U19ICT41	Dr.B.Kanimozhi	60	60	60
2	Programming in Java/ U19ICT42	Ms. V. Swathilakshmi	45	45	45
3	Analog Integrated Circuits/ U19ICT43	Mr.P.Naveen Kumar	45	45	45
4	Digital Logic Circuits/ U19ICT44	Dr. L. M. Varalakshmi	60	48	48
5	Electrical Machines /U19ICE45	Dr.D.Sivanandakumar	45	44	44
6	Open Elective-I : Web Development/U19CSO41	Mrs .P. R. Jayanthi	45	43	43
7	Programming in Java Lab/ U19ICP41	Ms. V. Swathilakshmi	30	30	30
8	Electrical machines Lab/ U19ICP42	Mrs. M. Omamageswari	30	30	30
9	Analog and Digital circuits Lab/ U19ICP43	Mr.P.Naveen Kumar	30	30	30

Semester : VI

S. No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Process Dynamics and Control / IC T61	Mrs.T.Sudha	45	45	45
2	Industrial Instrumentation-II / IC T62	Mr.AS.SaiNishhokKrrishnaa	60	58	58
3	Advanced Control Systems / IC T63	Mr.J.Jeevanantham	60	60	60
4	Embedded System Design / IC T64	Mr.N.Nagarajan	45	45	45
5	Analytical Instrumentation / IC T65	Mrs.M.Rekha	45	43	43
6	Biomedical Instrumentation / IC E65	Mr.G.Laxminarayanan	45	45	45
7	Process Dynamics and Control Lab / IC P61	Mrs.T.Sudha	30	30	30
8	Embedded System Design lab / IC P62	Mr.N.Nagarajan	30	30	30
9	Virtual Instrumentation Lab / IC P63	Mr.G.Laxminarayanan&Mr.A S.SaiNishhokKrrishnaa	30	30	30

Semester : VIII

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	PLC and DCS/ IC T82	Mr.J.Jeevanantham	45	49	42
2	Design of Process Control System Components/ IC E82	Mrs. T.Sudha	45	45	40
3	Fiber Optics and Laser Instrumentation/ IC E83	Mrs. M.Omamageswari	45	45	32
4	Process automation Lab / IC P81	Mr.J.Jeevanantham	30	30	29

3.2 Use of ICT Tools in Teaching Learning

Odd 2020

Semester: I

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Dr.B.Kanimozhi	Engineering Mathematics-I	PPT
2	Mr.S.Arulpradeep	Material Science	PPT
3	Mrs.M.Rekha	Basic Electronics	PPT

4	Mrs.M.Omamageswari	Electrical Technology	PPT
5	Mr.Prakash&Mr.S.Azhagarsami	Fundamentals of Civil and Mechanical Engineering	PPT
6	Ms.Aswini	Engineering Graphics using AUTOCAD	MANUAL
7	Mrs.M.Rekha	Basic Electronics Lab	MANUAL
8	Mrs.M.Omamageswari	Electrical Technology Lab	MANUAL

Semester: III

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mrs.M.Suhasini	Complex Analysis and Applications of Partial Differential Equations/U19ICT31	PPT
2	Mr.M.Rajesh Kumar	Data Structures/U19ICT32	PPT
3	Mrs.T.Sudha	Circuit Theory/ U19ICT33	PPT
4	Mrs.M.Rekha	Electrical and Electronic Measurements/ U19ICT34	PPT
5	Dr.L.M.Varalakshmi	Electronics Engineering/ U19ICT35	PPT
6	Mr.G.Laxmi Narayanan	Transducer Engineering/ U19ICT36	PPT
7	Mr.M.Rajesh Kumar	Data Structures Lab/ U19ICP31	MANUAL
8	Mrs.M.Rekha	Electronics Engineering Lab/ U19ICP32	MANUAL
9	Mr.G.Laxmi Narayanan	Transducer Engineering Lab/ U19ICP33	MANUAL

Semester: V

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mrs.Gayathri	Numerical methods/ MA T51	PPT
2	Mr.J.Jeevanantham	Control Systems Engineering/ IC T52	PPT
3	Mrs.M.Omamageswari	Industrial Instrumentation-I/ IC T53	PPT
4	Mr.N.Nagarajan	Microprocessors &its Applications/ IC T54	PPT
5	Mrs.M.Rekha	Electric Drives and Control/ IC T56	PPT
6	Mr.G.Laxmi Narayanan	Telemetry and Telecontrol/ ICE53	PPT
7	Mr.S.Sathiyaprasanth	Simulation Lab/ IC P51	MANUAL
8	Mrs.M.Omamageswari	Instrumentation Design lab/ IC P52	MANUAL
9	Mr.N.Nagarajan	Microprocessors &its Applications lab/ IC P53	MANUAL

Semester: VII

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mr.J.Jeevanantham	Computer Control of Processes/ IC T71	PPT
2	Mrs.T.Sudha	Industrial Safety & Management/ IC T72	PPT
3	Mr.N.Nagarajan	Applied soft Computing/ IC E71	PPT
4	Mr.J.Jeevanantham	Power plant Instrumentation/ IC E73	PPT
5	Mr.J.Jeevanantham	Industrial measurement and control lab/ IC P71	MANUAL

Even 2021

Semester: IV

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Dr.B.Kanimozhi	Probability and Statistics/ U19ICT41	PPT
2	Ms. V. Swathilakshmi	Programming in Java/ U19ICT42	PPT
3	Mr.P.Naveen Kumar	Analog Integrated Circuits/ U19ICT43	PPT
4	Dr. L. M. Varalakshmi	Digital Logic Circuits/ U19ICT44	PPT
5	Dr.D.Sivanandakumar	Electrical Machines /U19ICE45	PPT
6	Mrs .P. R. Jayanthi	Open Elective-I : Web Development/U19CSO41	PPT
7	Ms. V. Swathilakshmi	Programming in Java Lab/ U19ICP41	Manual
8	Mrs. M. Omamageswari	Electrical machines Lab/ U19ICP42	Manual
9	Mr.P.Naveen Kumar	Analog and Digital circuits Lab/ U19ICP43	Manual

Semester:VI

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mrs.T.Sudha	Process Dynamics and Control / IC T61	PPT
2	Mr.AS.SaiNishhokKrrishnaa	Industrial Instrumentation-II / IC T62	PPT
3	Mr.J.Jeevanantham	Advanced Control Systems / IC T63	PPT
4	Mr.N.Nagarajan	Embedded System Design / IC T64	PPT
5	Mrs.M.Rekha	Analytical Instrumentation / IC T65	PPT
6	Mr.G.Laxminarayanan	Biomedical Instrumentation / IC E65	PPT
7	Mrs.T.Sudha	Process Dynamics and Control Lab / IC P61	Manual
8	Mr.N.Nagarajan	Embedded System Design lab / IC P62	Manual
9	Mr.G.Laxminarayanan& Mr.AS.SaiNishhokKrrishnaa	Virtual Instrumentation Lab / IC P63	Manual

Semester: VIII

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mr.J.Jeevanantham	PLC and DCS/ IC T82	PPT
2	Mrs. T.Sudha	Design of Process Control System Components/ IC E82	PPT
3	Mrs. M.Omamageswari	Fiber Optics and Laser Instrumentation/ IC E83	PPT
4	Mr.J.Jeevanantham	Process automation Lab / IC P81	PPT
5	Mr.J.Jeevanantham	PLC and DCS/ IC T82	PPT

3.3 List of Expert Lectures / Workshop Conducted

Odd 2020

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
1	Improving Safety and productivity	Mr.Mugundan Executive Engineer,Yokogawaindia Ltd.	08.08.2020	II/III III/V IV/VII
2	An introductionto Process andControl	Mr.K.Amirtha Ganesh, Development Executive, TCIL IT	22.08.2020	II/III III/V IV/VII
3	Industrial Automation	Mr. R.Sathishkumar Senior Automation Engineer GGRM innovations India Pvt.Ltd.	29.08.2020	II/III III/V
4	Innovative Project Ideas	Mr. M.Chandrasurya System Engineer Tata consultancy services,Chennai	05.09.2020	II/III III/V
5	Embedded system Development	Ms.Ranjitha Firmware Developer Microchip	12.09.2020	II/III III/V
6	Control and SCADA technology	V.Chandrakumar, Instrumentation Engineer,IGLFS, Power plant corporation LTD,Cuddalore.	26.09.2020	II/III III/V
7	IOT Devices	Mr.Namashivayam Executive Engineer, Yokogawa India Ltd.	03.10.2020	II/III III/V
8	PLC and Automation	Mr. K. Amritha Ganesh **Development Executive**, TCIL IT, Director, Armada Industrial Automation	12.10.2020	II/III III/V
9	Tuning of PID Controllers	Dr.Chidambaram Emeritus Professor Department of Chemical Engineering National Institute of Technology, Warangal	22.10.2020	II/III III/V

Even2021

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audiance
1	Design of Sensor Networks for IoT Applications	Dr.SabithaRamakrishnan	30.6.21	II/III

3.4 Activities for Slow and Advanced Learners

Odd 2020

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are	No. of Sessions conducted for slow	Activities / Task Assigned for

			Identified (Yes / No)	learner	Advanced Learners (Yes / No)
1	Engineering Mathematics-I	Dr.B.Kanimozhi	Yes	25	Yes
2	Material Science	Mr.S.Arulpradeep	Yes	10	Yes
3	Basic Electronics	Mrs.M.Rekha	Yes	12	Yes
4	Electrical Technology	Mrs.M.Omamageswari	Yes	18	Yes
5	Fundamentals of Civil and Mechanical Engineering	Mr.Prakash&Mr.S.Azhagarsami	Yes	20	Yes
6	Complex Analysis and Applications of Partial Differential Equations/U19ICT31	Mrs.M.Suhasini	Yes	20	Yes
7	Data Structures/U19ICT32	Mr.M.Rajesh Kumar	Yes	12	Yes
8	Circuit Theory/ U19ICT33	Mrs.T.Sudha	Yes	20	Yes
9	Electrical and Electronic Measurements/ U19ICT34	Mrs.M.Rekha	Yes	10	Yes
10	Electronics Engineering/ U19ICT35	Dr.L.M.Varalakshmi	Yes	10	Yes
11	Transducer Engineering/ U19ICT36	Mr.G.Laxmi Narayanan	Yes	12	Yes
12	Numerical methods/ MA T51	Mrs.Gayathri	Yes	20	Yes
13	Control Systems Engineering/ IC T52	Mr.J.Jeevanantham	Yes	25	Yes
14	Industrial Instrumentation-I/ IC T53	Mrs.M.Omamageswari	Yes	10	Yes
15	Microprocessors &its Applications/ IC T54	Mr.N.Nagarajan	Yes	10	Yes
16	Electric Drives and Control/ IC T56	Mrs.M.Rekha	Yes	10	Yes
17	Telemetry and Telecontrol/ ICE53	Mr.G.Laxmi Narayanan	Yes	12	Yes

Even 2021

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1	Probability and Statistics/ U19ICT41	Dr.B.Kanimozhi	Yes	25	Yes
2	Programming in Java/ U19ICT42	Ms. V. Swathilakshmi	Yes	18	Yes

3	Analog Integrated Circuits/ U19ICT43	Mr.P.Naveen Kumar	Yes	12	Yes
4	Digital Logic Circuits/ U19ICT44	Dr. L. M. Varalakshmi	Yes	10	Yes
5	Electrical Machines /U19ICE45	Dr.D.Sivanandakumar	Yes	10	Yes
6	Open Elective-I : Web Development/U19CSO41	Mrs .P. R. Jayanthi	Yes	12	Yes
7	Process Dynamics and Control / IC T61	Mrs.T.Sudha	Yes	12	Yes
8	Industrial Instrumentation-II / IC T62	Mr.AS.SaiNishhokKrrishnaa	Yes	10	Yes
9	Advanced Control Systems / IC T63	Mr.J.Jeevanantham	Yes	18	Yes
10	Embedded System Design / IC T64	Mr.N.Nagarajan	Yes	10	Yes
11	Analytical Instrumentation / IC T65	Mrs.M.Rekha	Yes	10	Yes
12	Biomedical Instrumentation / IC E65	Mr.G.Laxminarayanan	Yes	12	Yes

3.5 Counseling and Mentoring

Odd 2020

S.No	Particular	Yes / No	Remarks (if any)
1	Mentor Allocation	Yes	-
2	Class wise student Profile Record Maintained	Yes	-
3	Mentor – Mentee Session Record Maintained	Yes	-

No. of Students in Department	Number of Full Time Teachers in the Department	Mentor : Mentee Ratio
147	11	1:13

3.6 Internal Evaluation Systems

S.No	Particular	Yes / No	Remarks (if any)
1	Continuous Assessment Test Record	Yes	-
2	Seminar / Project Review Record	Yes	-
3	End Semester Examination Record	Yes	-
4	Student Grade Report	Yes	-

3.7 Learning Outcomes

Odd 2020

S.No	Particular	Yes / No	Remarks (if any)
1	PO, PEO, PSO, CO are well stated	Yes	-
2	Correlation of COs with POs and PSOs for each Course	Yes	-
3	Course Outcome Attainment Calculated	Yes	**Mention the target: 62**
4	PSO and PO attainment through CO	Yes	-

Even 2020

S.No	Particular	Yes / No	Remarks (if any)

1	Mentor Allocation	Yes	-
2	Class wise student Profile Record Maintained	Yes	-
3	Mentor – Mentee Session Record Maintained	Yes	-

No. of Students in Department	Number of Full Time Teachers in the Department	Mentor : Mentee Ratio
147	11	1:13

3.8 Student Performance in End Semester Examination

ODD 2020

Semester –

Sr. No	Particular	B.Tech
1	Number of Students appeared	45
2	Number of All Clear Students	45
3	Number of Students passed with Distinction	**7**
4	Number of Students passed with First Class	36
5	Number of Students passed with Second Class	2
6	Number of Students Failed	Nil
7	Passing Percentage	**100**

SECTION – IV : STRUCTURED FEEDBACK

S.No	Particular	Yes / No	Number of Feedback Collected	Remarks (if any)
1	Student Feedback on Teaching and Learning conducted with action taken report	**Yes**	**19**	
2	Parent Meet / Parent Feedback on Teaching conducted with action taken report	**Yes**	**3**	
3	Student Exit Survey conducted and Analysed	**Yes**	**20**	
4	Alumni Feedback conducted and Analysed	**Yes**	**7**	

SECTION – V : RESEARCH, INNOVATION AND PUBLICATIONS

5.1 Research Grants, Projects completed and ongoing from various Funding Agencies

S.No	Principle Investigator	Title of Project / Grants	Funding Agency	Amount (Rs. in Lakhs)	Duration of the project
NIL					

5.2 Consultancy Works

S.No	Name of the Faculty	Nature of Consultancy	Funding Agency	Fund Generated	Duration of the Consutancy
ODD SEMESTER 2020-2021					
1	Mrs.T.Sudha	Project Implementation	Armada Industrial Automation	Rs.3,00,000/-	5 months
2	Mrs.T.Sudha	Faculty Training	BenLab	Rs. 4,00,000/-	1 Year

5.3 Faculty Publications

Publication Details (Last Four Years)

Sr. No	Academic Year	Papers Published in peer reviewed Journals	Scopus, Web of Science Indexing Papers	Total Number of Citations	h-index	Impact Factor range / Average Imapact Factos
1	2019-2020	14	2	-	-	-
2	2020-2021	3	3	-	-	-

Publication Details for Academic Year consider for Auditing

Number of Publication in National Journals	-
Number of Publication in International Journals	3
Number of Publication in National Conferences	-
Number of Publication in International Conferences	-
Number of Books / Book Chapters	-
Number of Patent (Filed)	3
Number of Patents Granted	3

National Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	ISBN / ISSN
1				
2				

International Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	Vol, issue, pp, ISBN/ISSN	Indexing
ODD SEMESTER 2020-2021					
1	Impact of Inter-Relay Cooperation on the Performance of FSO Systems Using Efficient Relay	Laxminarayanan.G Dr.Varalakshmi L.M Sudha.T Nagarajan.N	AutAut Research journal	Vol.XI,Issue X, ISSN-0005-0601.	Scopus
2	A Wearable Remote Patient Monitoring System Using Raspberry Pi	Nagarajan.N Dr.Varalakshmi L.M Sudha.T Laxminarayanan.G	AutAut Research journal	Vol.XI,Issue X, ISSN-0005-0601.	Scopus
3	Automatic Pollution Sensing and Control for Vehicles using IoT Technology	Varalakshmi L.M. Suresh Kumar M; JayasudhaSubburaj; Vijayakumar P; Sheeba Rani S	Materials Today Proceedings.	Vol 45, Part 2, ISSN: 2214-7853	Scopus

National Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
1						
2						

International Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
1						
2						

Books / Book Chapters

S.No	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
1				
2				

Patent

S.No	Name of the Applicant (s)	Name of the Inventor (s)	Title	Application No. & Patent Filed Date	Country	Current Status
ODD SEMESTER 2020-2021						
1	Dr.L.M.Varalakshmi M.Omamageshwari T.Sudha N.Nagarajan J.Jeevanantham M.Rekha G.Laxminarayanan	Dr.L.M.Varalakshmi M.Omamageshwari T.Sudha N.Nagarajan J.Jeevanantham M.Rekha G.Laxminarayanan	Oxygen Analyzer	202041039073&18.9.2020	India	Granted
2	Dr.L.M.Varalakshmi	Dr.L.M.Varalakshmi	An artificial Intelligence based system for Covid prevention.	2020102382&25.09.2020	Australian	Granted
3	Dr.L.M.Varalakshmi	Dr.L.M.Varalakshmi	Intelligent Tracking system for vehicles	202041045939 &30.10.2020	India	Granted

SECTION – VI: COLLABORATIONS AND LINKAGES

6.1 Student Internships

S.No.	Name of the student	Name of the Sponsored Industry / Research Institute / Partnering Institution	About Internship		
			Duration	From date	To date
Even 2021					
1.	Suriyakumar.S	Cognizant Technology Solutions	4 Months	11.02.2021	09.06.2021
2.	Hariharan.R	Cognizant Technology Solutions	4 Months	11.02.2021	09.06.2021
3.	Arunraj.K	Cognizant Technology Solutions	4 Months	06.03.2021	14.07.2021

6.2 Sponsored / Industry Projects

S.No	Project Title	Name of the Student/s	Name of the Sponsored Industry / Research Institute / Partnering Institution	Duration of the Project (Months)
1				
2				

6.3 Industrial Visits

S.No	Name of the Industry / Company / Research Institute	Date of Visit	Target Audience	Number of Students Participated
Even 2021				
1.	Benlab , Pondicherry	20.02.2021	I/I 2020-2024	27
2.	Pondicherry power distribution unit , Pondicherry	20.02.2021	I/I 2020-2024	27

6.4 Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
ODD 2020				
1	Benlab , Pondicherry	07.10.2020	Consultancy	3 years
EVEN 2020				

SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	23
Number of Students opted Higher Studies	
Number of Entrepreneur	

7.1 Placements

7.2 Higher Studies

S.No	Name of the Student	Name of the Institution	Name of Program admitted to
1			

7.3 Entrepreneur

S.No	Name of the Student	Name of the Company	Nature of Company	Location / Address
1				

SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT

8.1 Technical Event / Workshop for Student

S.No	Name of the Event / Workshop	Organized under(Department / Student Association/ Profession Chapter / Student Club)	Date of Event	Level (State / National / International)	No. of Participants
Even 21					

S.No	Name of the Student	Name of the Company	Salary Package (per annum)
1.	Vishwa M	Tata Consultancy Service (Digital)	7 lakhs/Annum
2.	Suryarohan R	ACCENTURE	4.5 lakhs/Annum
3.	Kailash Kuumaran S	CTS	4.5 lakhs /Annum
4.	Suriyakumar S	CTS	4.5 lakhs /Annum
5.	Hariharan R	CTS	4.5 lakhs /Annum
6.	Arunraj K	CTS	4.5 lakhs /Annum
7.	Giridharan N	Tata Consultancy Service	3.36 lakhs/Annum
8.	Kailash Kuumaran S	Tata Consultancy Service	3.36 lakhs/Annum
9.	Rahul M	Tata Consultancy Service	3.36 lakhs/Annum
10.	Sakthivel M	Tata Consultancy Service	3.36 lakhs/Annum
11.	Madhini V	Tata Consultancy Service	3.36 lakhs/Annum
12.	Sridhar R	Tata Consultancy Service	3.36 lakhs/Annum
13.	Srinivasan T	Tata Consultancy Service	3.36 lakhs/Annum
14.	Anupriya.V	Tata Consultancy Service	3.36 lakhs/Annum
15.	Divakar R	Tata Consultancy Service	3.36 lakhs/Annum
16.	Vishwa M	Hexaware	3.5 lakhs/Annum
17.	Piriyadharshini P	SUTHERLAND	2.4 lakhs/Annum
18.	Manju G	SUTHERLAND	2.4 lakhs/Annum
19.	Loginishali J	SUTHERLAND	2.4 lakhs/Annum
20.	Mohamed Munthasir A	SUTHERLAND	2.4 lakhs/Annum
21.	Abdul Raheem S	SUTHERLAND	2.4 lakhs/Annum
22.	Ajay aravind .G	SUTHERLAND	2.4 lakhs/Annum

1	Troubleshooting of electronic components	ICE	15-02-2021	State	27
2	Testing of electronic devices in hardware	ICE DEPARTMENT	21-10-2020	State	32
3	Calibration of measurement system	ICE	24-06-2021	State	32

8.2 FDP /Workshop / STTP / Conference for Faculty

S.No	Name of the Event / Workshop	Organized under(Department / Student Association/ Profession Chapter)	Date of Event	Level (State / National / International)	No. of Participants
ODD 2020					
1	Internet of things	ICE Department	01-02-2021	National	161

SECTION – IX: ACHIEVEMENTS

9.1 Awards and Prizes Received by Students

S.No	Name of the Student	Event Name / Details	Organized by	Achievement / Position / Prizes
1				

9.2 Participation of teachers in various activities as a Members of Committees at University Level / State Level / National Level / International Level bodies

S.No	Name of the Faculty	Members of Committees at University Level / State Level / National Level / International Level as
1		

9.3 Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers

S.No	Name of the Faculty	Name of Editorial Boards / Conferences
1		

9.4 Awards / Prizes and Recognitions received by teachers at University, State, National and International Level

S.No	Name of the Faculty	Name of Awards / Recognition
1		

9.5 Details of Faculty participated in Refresher Courses, Orientation Courses, Seminars, Workshops, Conferences at National and International Level

S.No	Name of the Faculty	FDP /STTP /Workshop /Conference Title	Organized by	Duration (Days)
		ODD 2020		
1.	Dr. L. M. Varalakshmi	Technology towards common man	SMVEC	10.06.2020-13.06.2020 4 days
2.	Dr. L. M. Varalakshmi	Data Science Using R	Mahaveer Institute of Science and Technology	1.06.2020 - 5.06.2020 5 days
3.	Dr. L. M. Varalakshmi	Recent Advances in IT	SMVEC	29.10.2020 1 day
4.	Dr. L. M. Varalakshmi	PHP with MYSQL	IIT, Bombay	5-6-2020 - 9-6-2020 5 days
5.	Mrs. T. Sudha	Arduino	Kings Engineering	1.06.2020-5.06.2020 5 days
6.	Mrs. T. Sudha	Technology towards common man	SMVEC	10.06.2020-13.06.2020 4 days
7.	Mrs. T. Sudha	Role of Energy Management in Smart City	Sharda College of Engineering	15.06.202-19.06.2020 5 days
8.	Mrs. T. Sudha	Neural Network and Deep Learning using Python	Reva University	1.06.2020-5.06.2020 5 days
9.	Mrs. T. Sudha	Recent Trends in Electrical Engineering	Crescent Institute of Science and Technology	1.06.2020 - 5.06.2020 5 days
10	Mrs. T. Sudha	Deep Learning Application-Design, Development and Deployment in IOT Edge	SRM TRP	27.6.2020 – 29 6.2020. 3 days
11	Mrs. T. Sudha	Innovative Teaching Pedagogy in the Technical Institutions	Karmaveer Adv Baburao Ganpatrao Thakare College of Engineering,Nashik	1.06.2020 - 5.06.2020 5 days
12	Mrs. T. Sudha	Technology towards common man	SMVEC	10.06.202-13.06.2020 4 days
13	Mrs. T. Sudha	Recent Advances in IT	SMVEC	29.10.2020 1 day
14	Mrs.M.Omamageswari	Renewable energy systems	Panimalar Institute of technology	1.06.2020-5.06.2020 5 days
15	Mrs.M.Omamageswari	Technology towards common man	SMVEC	10.6.2020-13.06.2020 4 days
16	Mrs.M.Omamageswari	Innovative Teaching Pedagogy in the	KBT college of engineering	1.06.2020-5.06.2020

		Technical Institution'.		5 days
17	Mrs.M.Omamageswari	Technological Advances in Power Switching Converters for Renewable Energy Sources and Fuel Cell Technology for E-vehicles	Bapatla engineering college	1.06.2020-5.06.2020 5 days
18	Mrs.M.Omamageswari	Renewable Energy System	RVS College Of Engineering And Technology	1.06.2020-5.06.2020 5 days
19	Mrs.M.Omamageswari	Modeling technologies and control on electric vehicle	AMET	1.06.2020-5.06.2020 5 days
20	Mrs.M.Omamageswari	Fundamentals of AI	ICT Academy	7.9.2020 - 12.9.2020 5 days
21	Mrs.M.Omamageswari	Recent Advances in IT	SMVEC	29.10.2020 1 day
22	Mr.J.Jeevanantham	Technology towards common man	SMVEC	10.06.202-13.06.2020 4 days
23	Mr.J.Jeevanantham	Recent Advances in IT	SMVEC	29.10.2020 1 day
24	Mrs . M. Rekha	Technology towards common man	SMVEC	10.6.2020-13.06.2020 4 days
25	Mrs . M. Rekha	Fundamentals of AI	ICT Academy	7.9.2020 - 12.9.2020 5 days
26	Mrs . M. Rekha	Recent Advances in IT	SMVEC	29.10.2020 1 day
27	Mr.G.Laxminarayanan	Modeling technologies and control on electric vehicle	AMET	1.06.2020-5.06.2020 5 days
28	Mr.G.Laxminarayanan	Innovative Teaching Pedagogy in the Technical Institution'.	KBT college of engineering	1.06.2020-5.06.2020 5 days
29	Mr.G.Laxminarayanan	Technology towards common man	SMVEC	10.06.202-13.06.2020 4 days
30	Mr.G.Laxminarayanan	Data Science Using R	Mahaveer Institute of Science and Technology	1.06.2020-5.06.2020 5 days
31	Mr.G.Laxminarayanan	Recent Advances in Modeling and Optimization Techniques	Sharad Institute of Technology College,College of Engineering Yadrav	15.06.202-19.06.2020 5 days
32	Mr.G.Laxminarayanan	Recent Advances in IT	SMVEC	29.10.2020 1 day
33	Mr.N.Nagarajan	Fundamentals of AI	ICT Academy	7.9.2020-12.9.2020 5 days

34	Mr.N.Nagarajan	Recent Advances in IT	SMVEC	29.10.2020 1 day
35	Mr.N.Nagarajan	Innovative Teaching Pedagogy in the Technical Institution'.	KBT college of engineering	1-6-2020- 5-6-2020 5 days
36	Mr.N.Nagarajan	Creating and Managing E-content	V.V.P. Institute of Engineering and technology, Solapur	22-6-2020 - 24-6-2020 3 days
37	Mr.N.Nagarajan	Role of energy management in SMART city	Sharda university, UP	15.6.2020 - 19.6.2020 5 days
38	Mr.N.Nagarajan	Recent advancement in modeling and optimization techniques	Sharad Institute of technology college of Engineering	1-6-2020- 5-6-2020 5 days
39	Mr.N.Nagarajan	PHP with MYSQL	IIT, Bombay	5-6-2020- 9-6-2020 5 days
40	Mr.N.Nagarajan	Patent searching, Drafting and Filling	Panimalar Institute of Technology	29-5-2020 - 2-6-2020 5 days
41	Mr.N.Nagarajan	Technology towards common man	SMVEC	10-6-2020- 13-6-2020 4 days

Declaration by HoD

I am aware that the above information provided by the department will be validated by the Academic and Administrative Audit (AAA) committee during the visit

Head of the Department

Recommendations:

Student Progression	Student Progression
Curricular Aspects	-
Teaching, Learning and Evaluation	-
Structured Feedback	-
Research, Innovation and Publications	-
Collaborations and Linkages	-
Student Progression	Intense Gate coaching to be provided
Activity Conducted / Organized by the Department	Alumini Activities is to be increased.
Achievements	-
General Remarks	-

Signature of the External Academic Audit Experts

Dr.M.Karthikeyan,
Professor,
Department of Mechanical Engineering,
RajaRajeswari College of Engineering
Mysore Road,

Dr.R.Baskaran
Professor,
Department of Industrial Engineering
CEG,
AU.

ACADEMIC AND ADMINISTRATIVE AUDIT

DEPARTMENT OF

CIVIL ENGINEERING

2.3 List of Professional Elective Courses offered by the department

ODD SEM

S.No	Year / Sem	Name of the Elective Course	Course Code	Number of Students Registered
1	IV/VII	Failure Analysis and Rehabilitation of Structures	CEE20	76
2	IV/VII	Coastal and offshore structures	CEE02	76

EVEN SEM

S.No	Year / Sem	Name of the Elective Course	Course Code	Number of Students Registered
1	II/IV	Alternative Building Materials and Technologies	U19CEE45	35
2	III/VI	Construction Methods and Equipment	CEE05	51
3	III/VI	Geotechnical Processes and Application	CEE06	51
4	IV/VIII	Bridge Engineering	CEE21	76
5	IV/VIII	Site Investigation Methods and Practices	CEE10	76

2.4 List of Open Elective Courses offered by Other department

S.No	Year / Sem	Offering Department	Name of the Elective Course	Course Code	Number of Students Registered
1	II/IV	ICE - Instrumentation & Controls Engineering	Sensors and Transducers	U19ICO41	35

2.5 List of Skill Development Courses offered by the department

ODD SEM

S.No	Year / Sem	Name of the Skill Development Course	Course Code	Number of Students Registered
1	II/III	General Proficiency – I	U19CES31	35
2	II/III	MS Office – Word, Excel, Power Point	U19CES32	35
EVEN SEM				
3	II/IV	General Proficiency – II	U19CES41	35
4	II/IV	Experience with onsite construction observation and Management	U19CES42	35

ACADEMIC AND ADMINISTRATIVE AUDIT

(Academic Year: 2020-2021)

EXTERNAL AUDIT

SECTION –1: BASIC INFORMATION

Audit Date	18.11.2021	
Name of the Department	Civil Engineering	
Year of Establishment	2012	
Programs Offered	Name of the Program: U.G programs -B.Tech	Approved Intake: 120
Head of the Department	Dr.S.Sundararaman	
Number of full time Teachers	Professor	2
	Associate Professor	Nil
	Assistant Professor	25
Number of Technical Staff	1	
Number of Students	For B.Tech:	For M.Tech

Year	Strength
First Year	33
Second Year	35
Third Year	51
Fourth Year	76
Total	195

Year	Strength
First Year	Nil
Second Year	Nil
Total	Nil

Faculty Student Ratio	1:20	-

SECTION –2: CURRICULAR ASPECTS

2.1 Academic Plan

S.No	Particular	Available (Yes / No)	Remarks
1	Department Academic Calendar	Yes	
2	Faculty Subject Preferences	Yes	
3	Elective choices from the Students	Yes	
4	Course allotment to the Faculty	Yes	
5	Time Table (UG and PG)	Yes	
6	Lesson plan for each Course	Yes	

2.2 Participation of the Faculty in the Curriculum development for courses offered in UG and PG programs

S.No	Name of the Faculty	Participated as	Course	Year / Sem
1	Dr.S.Sundararaman	Coordinator	B.Tech Civil	I/ I - II,II
2	Dr. S.Jayakumar	Coordinator	B.Tech Civil	I,II,III and IV year
3	Ms. G. Yamuna	Department -In charge	B.Tech Civil	I I,II,III and IV year

2.6 List of Certification Courses offered by the department

S.No	Year / Sem	Name of the Certification Course	Course Code	Number of Students Registered
ODD SEM				
1	I/I	Auto Cad for Civil	U20CEC113	33
2	II/III	Python Programming	U19CEC37	35
EVEN SEM				
1	II/IV	Auto Cad for Civil	U19CEC43	35
2	IV/VII	Revit in AutoCAD	-	76

2.7 List of Mandatory Courses offered by the department

S.No	Year / Sem	Name of the Mandatory Course	Course Code	Number of Students Registered
1	I/I	Induction programme	U20CEM101	33
2	II/III	Physical Education	U19CEM31	35
3	II/III	Indian Constitution	U19CEM41	35

SECTION –3: TEACHING, LEARNING AND EVALUATION

3.1 Course Delivery: ODD SEM

I Year / I Semester – 2020-2024

S. No	Name of the Course	Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Engineering Mathematics - I Calculus and Linear Algebra	U20BST101	Mr.Egalite Francis	60	60	60
2	Physics for Civil Engineering	U20BST108	Dr.D.Mohan Radheep	45	45	60
3	Programming in C	U20EST101	Mrs.S.Kalaivani	45	45	59
4	Engineering Mechanics	U20EST119	Mr.S.Azhagarsamy	60	60	58
5	Building Materials	U20CET101	Mrs.A.Kalyani	45	45	44
PRACTICAL						
6	Programming in C Laboratory	U20ESP102	Mrs.S.Kalaivani	30	30	29
7	Civil Engineering Building Planning and Drafting	U20CEP101	Mr.S.Azhagarsamy	30	30	18
8	Civil Engineering Practice Laboratory	U20CEP102	Mr.G.Senthil Raj	30	30	30

II Year / III Semester - (2019-2023)

S. No	Name of the Course	Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Probability and Statistics	U19CET31	Dr.T.Gayathri	60	60	64
2	Data Structures	U19CET32	Mrs.V.Swathilakshmi	45	45	45
3	Mechanics of Solids – I	U19CET33	Mrs.A. Kalyani	60	60	58
4	Surveying	U19CET34	Mrs D. Sathiyasree	45	45	55
5	Fluid Mechanics and Machinery	U19CET35	Mrs. A. Sathiya Priya	60	60	54
6	Concrete Technology	U19CET36	Mr.K.S. Prasath	45	45	35
	PRACTICAL					
6	Data Structures Laboratory	U19CEP31	Mrs.V.Swathilakshmi	30	30	15
7	Surveying Laboratory	U19CEP32	Mrs D. Sathiyasree	30	30	15
8	Fluid Mechanics and Machines Laboratory	U19CEP33	Ms. G.Yamuna	30	30	15

III Year / V Semester - (2018-2022)

S.No	Name of the Course	Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Design of RCC Structures	CET51	Mr.K.S.Prasath	45	45	66
2	Structural Analysis - I	CET52	Mrs.A.Kalyani	45	45	56
3	Geotechnical Engineering – I	CET53	Mr.K.Srinivasan	60	60	73
4	Environmental Engineering – II	CET54	Mrs.A.Sathiyapriya	60	60	50
5	Transportation Engineering - I	CET55	Ms.G.Yamuna	45	45	62
PRACTICAL						
6	Geotechnical Engineering Lab	CEP51	Mr.K.Srinivasan	45	45	30

7	Environmental Engineering Lab	CEP52	Mrs.A.Sathiyapriya	45	45	30
8	Material Testing Lab - II	CEP53	Mr.K.S.Prasath	45	45	30

IV Year / VII Semester - (2017-2021)

S.No	Name of the Course	Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Design of Steel Structures	CET71	Mr. S. Sivaprasath& Ms. A. Aswini	60	60	44
2	Hydrology and Water Resources Engineering	CET72	Mr.K.Srinivasan &Ms. B. Pallavi	60	60	45
3	Costal and Offshore Structures	CEE 02	Dr. S. Sundararaman & Ms. G. Yamuna	60	60	50
4	Failure Assessment and Rehabilitation of Structures	CEE20	Mrs. D. Sathiyasree& Ms. A. Aswini	60	60	40
PRACTICAL						
5	Design and Drawing (RCC & steel)	CEP71	Mr. S.Sivaprasath& Ms. A. Aswini	45	45	40
6	Comprehensive viva	CECV7	Mrs.A.Kalyani & Ms.B.Pallavi	45	45	30

EVEN SEM

II Year / IV Semester - (2019-2023)

S. No	Name of the Course	Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Numerical Methods	U19CET41	Mrs.T. Gayathri	60	60	51
2	Programming in Java	U19CET42	New Staff	45	45	35
3	Geotechnical Engineering-I	U19CET43	Mrs.A.Sathiyapriya	60	60	48

4	Mechanics of Solids - II	U19CET44	Mrs.D.Sathiyasree	60	60	46
5	Alternative Building Materials and Technologies	U19CEE45	Ms.G.Yamuna	45	45	36
6	Sensors and Transducers	U19ICO41	Ms.Kiruthika	45	45	26
PRACTICAL						
7	Programming in Java Lab.	U19CEP41	Mrs .Amudtha	30	30	28
8	Concrete Engineering Lab.	U19CEP42	Mr.K.S.Prasath	30	30	27
9	Strength of Materials Lab.	U19CEP43	Mrs.D.Sathiyasree	30	30	23
10	General Proficiency - II	U19CES41	Ms.Suganya	30	30	30

III Year / VI Semester - (2018-2022)

S.No	Name of the Course	Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Structural Analysis – II	CET61	Mrs. A. Kalyani	60	60	60
2	Geotechnical Engineering - II	CET62	Mr.K.Srinivasan	60	60	46
3	Transportation Engineering – II	CET63	Ms.G.Yamuna	45	45	41
4	Construction Methods and Equipments	CEE05	Mr. S.Sivaprasath	60	60	52
5	Geotechnical Processes and Applications	CEE06	Mr. K.S.Prasath	60	60	43
PRACTICAL						
6	Transportation Engg Lab	CEP61	Ms.G.Yamuna	45	45	17
7	Estimation Costing and Valuation Engg Lab	CEP62	Mrs. A. Kalyani	45	45	19
8	Computer Aided Design Lab	CEP63	Ms.A.Aswini	45	45	15
9	General Proficiency – II	HSP64	Ms. Suganya			

IV Year / VIII Semester - 2017-2021

S.No	Name of the Course	Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Construction Management	CET81	Mr.K.S.Prasath & Ms. Aswini A	60	60	47
2	Site Investigation Methods and Practices	CEE10	Dr.S.Sundararaman & Mrs D. Sathiyasree	60	60	44
3	Bridge Engineering	CEE21	Mr.K. Srinivasan & Mrs.D.Sathiyasree	45	45	44
PRACTICAL						
4	Professional Ethics	CEP81	Mrs.A.Sathiyapriya	60	60	30
5	Seminar	CEP58	Mr.S.Sivaprasath			
6	Project Phase - II	CEPW8	Mr.K. Srinivasan	60	60	60

3.2 Use of ICT Tools in Teaching Learning

Semester:

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mr.Egalite Francis	Engineering Mathematics - I Calculus and Linear Algebra	PPT/Digital writing Board
2	Dr.D.Mohan Radheep	Physics for Civil Engineering	PPT/Lecture Videos /Animated Videos
3	Mrs.S.Kalaivani	Programming in C	PPT/Lecture Videos
4	Mr.S.Azhagarsamy	Engineering Mechanics	PPT/Lecture Videos
5	Mrs.A.Kalyani	Building Materials	PPT/Lecture Videos /Animated Videos
6	Dr.T.Gayathri	Probability and Statistics	PPT/ Digital writing Board
7	Mrs.V.Swathilakshmi	Data Structures	PPT/Lecture Videos
8	Mrs.A. Kalyani	Mechanics of Solids – I	PPT/Lecture Videos/ Digital writing Board
9	MrsD. Sathiyasree	Surveying	PPT/Lecture Videos /Animated Videos
10	Mrs. A. Sathiya Priya	Fluid Mechanics and Machinery	PPT/Lecture Videos
11	Mr.K.S.Prasath	Design of RCC Structures	PPT/Lecture Videos
12	Mrs.A.Kalyani	Structural Analysis - I	PPT/Lecture Videos/ Digital writing Board
13	Mr.K.Srinivasan	Geotechnical Engineering – I	PPT/Lecture Videos

14	Mrs.A.Sathiyapriya	Environmental Engineering – II	PPT/Lecture Videos/Animated Videos
15	Ms.G.Yamuna	Transportation Engineering - I	PPT/Lecture videos
16	Mrs. A. Kalyani	Structural Analysis – II	PPT/Lecture Videos/ Digital writing Board
17	Mr.K.Srinivasan	Geotechnical Engineering - II	PPT/Lecture Videos
18	Ms.G.Yamuna	Transportation Engineering – II	PPT/Lecture Videos
19	Mr. S.Sivaprasath	Construction Methods and Equipments	PPT/Lecture Videos/ Digital writing Board
20	Mr. K.S.Prasath	Geotechnical Processes and Applications	PPT/Lecture Videos/ Digital writing Board
21	Mr. S. Sivaprasath	Design of Steel Structures	PPT/Lecture Videos/ Digital writing Board
22	Ms. A. Aswini	Design of Steel Structures	PPT/Lecture Videos/ Digital writing Board
23	Ms. B. Pallavi	Hydrology and Water Resources Engineering	PPT/Lecture Videos /Animated Videos
24	Mr.K.Srinivasan	Hydrology and Water Resources Engineering	PPT/Lecture Videos /Animated Videos
25	Dr. S. Sundararaman	Costal and Offshore Structures	PPT/Lecture Videos /Animated Videos
26	Ms. G. Yamuna	Costal and Offshore Structures	PPT/Lecture Videos /Animated Videos
27	Mrs. D. Sathiyasree	Failure Assessment and Rehabilitation of Structures	PPT/Lecture Videos /Animated Videos
28	Ms. A. Aswini	Failure Assessment and Rehabilitation of Structures	PPT/Lecture Videos /Animated Videos
29	Mr.K.S.Prasath	Construction Management	PPT/Lecture Videos /Animated Videos
30	Dr.S.Sundararaman	Site Investigation Methods and Practices	PPT/Lecture Videos /Animated Videos
31	Mr.K. Srinivasan	Bridge Engineering	PPT/Lecture Videos /Animated Videos
32	Ms. A. Aswini	Construction Management	PPT/Lecture Videos /Animated Videos
33	Mrs.A.Sathiyapriya	Site Investigation Methods and Practices	PPT/Lecture Videos /Animated Videos
34	Mrs. D. Sathiyasree	Bridge Engineering	PPT/Lecture Videos /Animated Videos

3.3 List of Expert Lectures / Workshop Conducted

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
1	Applications of Shell Structures	P. Sachithanantham Associate Professor and HoD, Sri Lakshmi Ammal Engineering College, Chennai	25.07.2020	120
2	Intelligent Transport System	Gopikrishna J Assistant Professor Knowledge Institute of Technology, Salem	29.08.2020	117
3	Precast Concrete Structures	Dr. A. K. Kalil, m.E, Ph.D. Associate Professor& Dy. Director (Campus Development) BSA Crescent Institute of Science and Technology, Chennai	12.09.2020	157
4	E-Waste management	Dr.S.Pradeepkumar, M.Tech., Ph.D., Assistant Professor, VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad.	15.09.2020	156
5	Cement and its Types	Er. Murugan Project Head, SMVEC	23.09.2020	80
6	Nominal mix design and importance of cube casting	Er. Suresh, R&D Head, Ramco cements.	29.09.2020	122
7	Soil and its classification	V. Murugan, DMS infra, Reddiyarpalayam, Puducherry	05.10.2020	78

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
1	Smart materials and smart structures in civil engineering	Dr.S.Samson Professor/Civil Engineering VelTech	12.10.2020	118
2	Modern concretes	Dr. S. Thirugnanasambandam, B.E., M.E., Ph.D., Professor Department of Civil & Structural Engineering Annamalai University	13.10.2020	126
3	Steel concrete composite construction	Dr. P.Revathi Asst. Professor Department of Civil Engineering Pondicherry Engineering College	14.10.2020	105
4	Solid waste management –	Dr.C.Gajendran Perused hid Ph.D.	15.10.2020	108

	challenges and opportunity in India scenario	from Anna University		
5	Prestressed concrete structures design aspects	Dr. I. Yamini Sreevalli Associate Professor VIT Chennai	16.10.2020	129
6	Introduction to Tunnel Construction	Er.Mohiadeen Senior Tunnel Engineer, LTA, Singapore.	27.10.2020	156
7	Exploring Opportunities, Enhancing Competency and Managing Change for Civil Engineer's	Er.S.Sivakandan Chairman, ICI Puducherry Centre	11.03.2021	34

3.4 Activities for Slow and Advanced Learners

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
I year / I Semester - 2020-2024					
1	Engineering Mathematics - I Calculus and Linear Algebra	Mr.Egalite Francis	Yes	10	Yes
2	Physics for Civil Engineering	Dr.D.Mohan Radheep	Yes	10	Yes
3	Engineering Mechanics.	Mr.S.Azhagarsamy	Yes	10	Yes
II year / III Semester - 2019-2023					
1	Probability and Statistics	Dr.T.Gayathri	Yes	10	Yes
2	Mechanics of Solids – I	Mrs.A. Kalyani	Yes	10	Yes
3	Surveying	MrsD. Sathiyasree	Yes	10	Yes
4	Fluid Mechanics and Machinery	Mrs. A. Sathiya Priya	Yes	10	Yes
II year / IV Semester - 2019-2023					
1	Numerical Methods	Mrs.T. Gayathri	Yes	10	Yes
2	Geotechnical Engineering-I	Mrs.A.Sathiyapriya	Yes	10	Yes
3	Mechanics of Solids - II	Mrs.D.Sathiyasree	Yes	10	Yes

III Year / V Semester - 2018-2022					
1	Design of RCC Structures	Mr.K.S.Prasath	Yes	10	Yes
2	Structural Analysis - I	Mrs.A.Kalyani	Yes	10	Yes
3	Geotechnical Engineering – I	Mr.K.Srinivasan	Yes	10	Yes
III Year / VI Semester - 2018-2022					
1	Structural Analysis – II	Mrs. A. Kalyani	Yes	10	Yes
2	Geotechnical Engineering - II	Mr.K.Srinivasan	Yes	10	Yes
3	Transportation Engineering – II	Ms.G.Yamuna	Yes	10	Yes
IV Year / VII Semester - 2017-2021					
1	Design of Steel Structures	Mr. S. Sivaprasath& Ms. A. Aswini	Yes	10	Yes
2	Hydrology and Water Resources Engineering	Ms. B. Pallavi& Mr.K.Srinivasan	Yes	10	Yes

3.5 Counseling and Mentoring

S.No	Particular	Yes / No	Remarks (if any)
1	Mentor Allocation	Yes	-
2	Class wise student Profile Record Maintained	Yes	-
3	Mentor – Mentee Session Record Maintained	Yes	-

No. of Students in Department	Number of Full Time Teachers in the Department	Mentor : Mentee Ratio
195	25	1:7.8

3.6 Internal Evaluation Systems

S.No	Particular	Yes / No	Remarks (if any)
1	Continuous Assessment Test Record	Yes	-
2	Seminar / Project Review Record	Yes	-
3	End Semester Examination Record	Yes	-
4	Student Grade Report	Yes	-

3.7 Learning Outcomes

S.No	Particular	Yes / No	Remarks (if any)
1	PO, PEO, PSO, CO are well stated	Yes	-
2	Correlation of COs with POs and PSOs for each Course	Yes	-
3	Course Outcome Attainment Calculated	Yes	Target Attainment level 3
4	PSO and PO attainment through CO	Yes	-

3.8 Student Performance in End Semester Examination

Semester – Odd

IV Year/ VII Semester – 2017-2021

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	76	Nil
2	Number of All Clear Students	41	
3	Number of Students passed with Distinction		
4	Number of Students passed with First Class		
5	Number of Students passed with Second Class		
6	Number of Students Failed	35	
7	Passing Percentage	53.94	

III Year/ V Semester – 2018-2022

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	51	Nil
2	Number of All Clear Students	27	
3	Number of Students passed with Distinction		
4	Number of Students passed with First Class		
5	Number of Students passed with Second Class		
6	Number of Students Failed	24	
7	Passing Percentage	52.29	

II Year / III Semester - 2019-2023

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	35	Nil
2	Number of All Clear Students	19	
3	Number of Students passed with Distinction		
4	Number of Students passed with First Class		
5	Number of Students passed with Second Class		
6	Number of Students Failed	16	
7	Passing Percentage	54.28	

SECTION – IV : STRUCTURED FEEDBACK

S.No	Particular	Yes / No	Number of Feedback Collected	Remarks (if any)
1	Student Feedback on Teaching and Learning conducted with action taken report	Yes	195	
2	Parent Meet / Parent Feedback on Teaching conducted with action taken report	Yes	50	
3	Student Exit Survey conducted and Analysed	Yes	75	
4	Alumni Feedback conducted and Analysed	Yes	30	

SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS

5.1 Research Grants, Projects completed and ongoing from various Funding Agencies

S.No	Principle Investigator	Title of Project / Grants	Funding Agency	Amount (Rs. in Lakhs)	Duration of the project
1	Dr. S.Jayakumar	Detection Of Gas Leakage Using Fumes Recognizer With Alert Message And Location Of Leakage	V land Best Hub, Puducherry	0.30	1 year
2	Mr. K. Srinivasan	An Experimental Study On Stabilization Of Expansive Soils Using Coir Fibre, Eggshell Powder, Steel Fibre And Analysing With Plaxis 2d	V land Best Hub, Puducherry	0.30	1 year
3	Ms. G. Yamuna	An Assessment Of Existing Road Stretch Towards Sustainable Transportation	Ladder Survey Pvt. Ltd, Chennai	0.30	1 year

5.2 Consultancy Works

S.No	Name of the Faculty	Nature of Consultancy	Funding Agency	Fund Generated	Duration of the Consultancy
1	G. Senthilraj	Material Testing(Aggregate Testing)	Murugan Contractor, Villupuram	61,000/-	1 Year
2	G. Senthilraj	Material Testing(Aggregate Testing)	Kamalam Contractor, Villupuram	61,000/-	1 Year
3	K.S.Prasath	Material Testing(Aggregate Testing)	Sathlokhar Synergy's Pvt Ltd., Thirubuvanai	7900/-	1 Year
4	G. Senthilraj	Material Testing(Aggregate Testing)	Balaji Contractor, Villupuram	40,000/-	1 Year
5	G. Senthilraj	Material Testing(Aggregate Testing)	S.E Builders, Vellore	5000/-	1 Year

5.3 Faculty Publications

Publication Details (Last Four Years)

Sr. No	Academic Year	Papers Published in peer reviewed Journals	Scopus, Web of Science Indexing Papers	Total Number of Citations	h-index	Impact Factor range / Average Impact Factors

1	2017-2018	14				
2	2018-2019	18				
3	2019-2020	3	4		1	
4	2020-2021	21	8			

Publication Details for Academic Year consider for Auditing

Number of Publication in National Journals	5
Number of Publication in International Journals	24
Number of Publication in National Conferences	1
Number of Publication in International Conferences	2
Number of Books / Book Chapters	Nil
Number of Patent (Filed)	Nil
Number of Patents Granted	3

National Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	ISBN / ISSN
1	Studies on the Properties of Polymer Mesh Induced Ferro cement	Dr.S.Jayakumar	Alochana Chakra Journal	ISSN NO: 2231-3990.
2	A Study on Behaviour of Expansive Soil Treated With Jute Fibre, Coir Fiber, Fly Ash, Hydrated Lime And Bagasse Ash	K.Srinivasan	Alochana Chakra Journal	ISSN NO: 2231-3990.
3	An Experimental Investigation on Strength Properties and Air Purification Capacity of Self Cleaning Concrete	Dr. Sundararaman	Alochana Chakra Journal	ISSN NO: 2231-3990.

International Journal

Academic year 2019-20

S.No	Title of the Paper	Name of the Authors	Name of the Journal	Vol, issue, pp, ISBN/ISSN	Indexing
4	Enhancing the Performance of Recycled Coarse Aggregate Concrete Through the use of Supplementary Cementing Material	Prasath K S	International Journal of Advanced Science and Technology	29(10s), 6808 - 6824.	
5	An Experimental work on Reactive Powder Concrete using Quartz Sand and Metakaolin	Prasath K S	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	ISSN: 2278-3075, Volume-9 Issue-4, February 2020	
6	An Experimental Study on Bamboo Fibre Reinforced Hollow	Dr.S.Jayakumar	SSRG International Journal of Civil	Volume 7 Issue 5 – May 2020	

	Concrete Block		Engineering		
7	Study on Properties of TRI Block Masonry	Dr.S.Jayakumar	The International Journal OF Analytical and Experiment Modal Analysis	ISSN 0886-9367 Volume XII ,Issue V,May 2020.	
Academic year 2018-19					
8	An Experimental Study on Deterioration of Concrete in Puducherry Coastal Region	Dr. S. Jayakumar, Srinivasan. K	IOSR Journal of Engineering (IOSR JEN)	ISSN (e): 2250-3021, ISSN (p): 2278-8719 PP 01-08.	
9	An Experimental Study on Purification of Leachate and Analysis of Its Application in Plant Growth	Dr. S. Jayakuma,r K. Srinivasan, S. Nivedita	IOSR Journal of Engineering	ISSN (e): 2250-3021, ISSN (p): 2278-8719 PP 09-13	
10	An Experimental Study on Termite Tracker using Moisture sensor and Thermal camera	Dr. S. Jayakumar, K. Srinivasan	IOSR Journal of Engineering	ISSN (e): 2250-3021, ISSN (p): 2278-8719 PP 14-17	
11	Studies on Treatment of Textile Effluent Using Activated Charcoal	Dr. S. Jayakumar, Nivedita. S, Srinivasan. K	IOSR Journal of Engineering	ISSN (e): 2250-3021, ISSN (p): 2278-8719 PP 22-25	
12	Study on Wastewater Treatment By Advanced Oxidation Process	Dr. S. Jayakumar K. Srinivasan	IOSR Journal of Engineering	ISSN (e): 2250-3021, ISSN (p): 2278-8719 PP 26-32	
13	A Parametric study on the Flexural behavior of HPC beams by Industrial by-products	Dr. T. Subbulakshmi, P. Manibalan	Elixir Journal of Civil Engineering	ISSN: 2229-7121, Volume 12, Issue 1, June 2018, pp. 512-516.	
14	Experimental Investigation on Mechanical and Durability Properties of Concrete Incorporated with Quarry Dust	Prasath K. S	International Research Journal of Engineering and Technology	ISSN: 2395-0056 Volume: 06 Issue: 01 | Jan 2019	h index
15	Study on High Performance Double Blend Concrete with Supplementry Cementitious Material	Prasath K. S.	International Research Journal of Engineering and Technology	ISSN: 2395-0056 Volume: 06 Issue: 01 | Jan 2019	
16	A Study on Waste Nylon Fiber in Concrete	Prasath K. S	International Journal of Research and Innovation in Applied Science	Volume IV, Issue II, February 2019|ISSN 2454-6194	

17	A Review on Recycled Fine Aggregate Concrete	Prasath K. S.	International Research Journal of Engineering and Technology	ISSN: 2395-0056 Volume: 06 Issue: 02 - Feb 2019	
Academic year 2017-18					
18	Analysis of contaminated soil and Measures implemented to increase its strength	Dr. S. Jayakumar, K. Srinivasan, R . ShanmugaPriya	International Journal of Advanced Research methodology in Engineering &Technology	ISSN 2456-6446,2(1) 90-93, Jan 2018.	
19	Imaging Software in Construction Management	Dr. S. Jayakumar, K. Srinivasan, R. Shanmugapriya	International Journal of Advanced Research methodology in Engineering &Technology	ISSN 2456-6446,2(1),7-11, Jan 2018.	
20	An analytical studies on high performance concrete incorporated with industrial by-products	T. Subbulakshmi	International Journal of Pure and Applied Mathematics	ISSN: 1314-3395, Volume 118, No. 24, 2018. pp.1-11	
21	Modeling of compressive strength of High Performance Concrete using Artificial Neural Network	T. Subbulakshmi	International Journal of General Engineering and Technology	2278-9928, Volume 3, Issue 2, November 2017, pp. 21-30	
22	Flexural strengthening of Reinforced HPC beams incorporated with by-products	T. Subbulakshmi	Journal of Advances in Environmental Sciences	Volume 2, Issue 1, November 2017, pp. 149-155.	
23	Strength Enhancement of concrete using steel slag	Prasath K. S	International Journal of Advanced Research Methodology in Engineering & Technology	ISSN 2456-6446 Volume 2, Issue 1, January 2018	
24	Comparative study on replacement of silica fumes and steel slag with conventional concrete	K. Srinivasan, R. Shanmugapriya	International Journal of Advanced Research methodology in Engineering &Technology	ISSN 2456-6446,2(1),94-97,Jan 2018	
25	Comparative study of RCC and Steel- Concrete	K. Srinivasan, R. Shanmugapriya	International Journal of	ISSN 2456-	

	composite structure		Advanced Research methodology in Engineering &Technology	6446,2(1),86-89,Jan 2018	
Academic Year 2020-21					
26	Effect of nano silica on compressive strength and durabilty in m-sand concrete	Dr. S. Sundararaman	Journal of Xidian University,	Vol. 14, Issue 6, 2020, ISSN: 1001-2400	
27	Studies on the effect of titanium Dioxide on mechanical properties in msand Concrete	Dr. S. Sundararaman	Journal of Xidian University,	Vol. 14, Issue 6, 2020, ISSN: 1001-2400	
28	Studies on the Strength and Durability Properties using Bagasse ash and M sand in concrete	Dr. S. Sundararaman	Proteus journal,	Vol. 11, Issue 6, 2020, ISSN: 0889-6348	
29	An Approach Towards Redesign And Modernization Of Puducherry Bus Terminus	K.S. Prasath	International Journal of Disaster Recovery and Business Continuity,	Vol.11, No. 1 (2020), pp. 2128-2141, ISSN: 2005-4289	
30	Tackling and reducing the vigor effect of air pollution using anti - smog tower	K.S. Prasath	Alochana Chakra Journal,	Vol. 9, Issue 6, 2020, ISSN: 2231-3990	
31	An experimental study on air purifiying Pavement blocks using titanium dioxide (TIO2)	G. Yamuna	Alochana Chakra Journal,	Vol. 9, Issue 6, 2020, ISSN: 2231-3990	
32	An assessment of parking standard for mahatma Gandhi Road, Puducherry	G. Yamuna	International Journal of Disaster Recovery and Business Continuity,	Vol.11, No. 1 (2020), pp. 2128-2141, ISSN: 2005-4289	
32	An Assessment Study on carbon Emission Mapped Using GIS in Puducherry Region	Aswini A	International Journal of Disaster Recovery and Business Continuity,	Vol.11, No. 1 (2020), pp. 2128-2141, ISSN: 2005-4289	
34	Performance of Rapid Hardening Concrete	Aswini A	Alochana Chakra Journal,	Vol. 9, Issue 6, 2020, ISSN: 2231-3990	

	made using Controlled Permeable Formwork liner				
35	Bitublock-New Construction Units Composed of Recyled Waste Material Bound with Bitumen	D.Sathiyasree Dhanasekaran	Alochana Chakra Journal,	Vol. 9, Issue 6, 2020, ISSN: 2231-3990	
36	Experimental research on effect of alkaline activator ratio in high strength geopolymer concrete	K.S. Prasath	Journal of Critical Reviews	Vol. 7, Issue 8, 2020, ISSN: 2394-5125	
37	Experimental Study on Automated Indoor Air Quality Monitoring	Dr. Sundararaman.S	Journal of Shanghai Jiaotong University,	Vol. 16, Issue 7, 2020, ISSN: 1007-1172	
38	Critical assessment on treatment and remediation of municipal solid waste leachate	A.Sathyapriya	Aut Aut Research Journal,	Vol. 9, Issue 6, 2020	
39	A Review on Construction of Building by using 3D Printing Technology	K.Srinivasan	International Journal of Scientific Research in Engineering and Management,	Vol. 4, Issue 7, 2020	
40	Subgrade Soil Stabilization using Bagasse ash and Coir Fibre as a Reinforcing Material	K.Srinivasan	Scientific Research in Engineering and Management,	Vol. 4, Issue 7, 2020	
41	Utilization of Cementitious Material from Ground granulated blast furnace slag, Metakaolin and Silica Fume in Stabilized Soil Blocks	K.Srinivasan	Scientific Research in Engineering and Management,	Vol. 4, Issue 7, 2020	
42	Study of Light Weight Geopolymer Concrete using LECA	Mrs.A.Kalyani	Scientific Research in Engineering and Management,	Vol. 4, Issue 7, 2020	
43	A Study on the Partial Replacement of Fine	Mrs.A.Kalyani	Scientific Research in	Vol. 4, Issue 7, 2020	

	Aggregate by Using Pet Bottles		Engineering and Management,		
44	Influence of the Sea Water in the Mechanical Behaviour of the Fiber Reinforced Concrete	Mrs.A.Kalyani	Scientific Research in Engineering and Management,	Vol. 4, Issue 7, 2020	
45	A Theoretical Study on Replacement of Natural River Sand with Geo-Polymer Fly Ash Sand	S.Sivaprasath	Scientific Research in Engineering and Management,	Vol. 4, Issue 7, 2020	
46	Experimental Studies on the Effect of External Confinement on the Behaviour of Concrete Columns	S.Sivaprasath	Scientific Research in Engineering and Management,	Vol. 4, Issue 7, 2020	
47	A Literature Study on the Performance of Concrete with Geogrids	Aswini A	Scientific Research in Engineering and Management,	Vol. 4, Issue 7, 2020	
48	Detection of Gas Leakage using Fumes Recognizer with Alert Message and Location of Leakage	Dr. S. Jayakumar	Journal of Xidian University,	Volume 15, Issue 5, 2021, ISSN No:1001-2400, 424-429	
49	A 5D Approach towards Construction Management using Building Information Modeling (BIM)	Aswini .A	International Research Journal of Modernization in Engineering Technology and Science,	Volume:03/Issue:05/May-2021, e-ISSN: 2582-5208	
50	An Experimental Study on Partial Replacement of Fine Aggregate using Agro-Waste with Steel Fibre and GGBS	Azhagarsamy S	International Journal of Innovative Research in Technology, May 2021,	Volume 7, Issue 12, ISSN: 2349-6002	

National Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
1	Structural, Architectural, Building and	Prasath K. S	Aditya Institute of Technology,	National conference		

	Automation in sustainable Engineering"		Coimbatore			

International Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
1	Integration of Advanced Technologies for Industry 4.0(ICIATI)	Prasath K. S	KCG College of Technology, Chennai	ICIATI		
2	AI and ML Application in Smart Buildings	Prasath K. S	VIT, Chennai	AMSB 2020		
3	AI and ML Application in Smart Buildings	Pallavi .B	VIT, Chennai	AMSB 2020		

Books / Book Chapters

S.No	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
1	Nil			

Patent

S.No	Name of the Applicant (s)	Name of the Inventor (s)	Title	Application No. & Patent Filed Date	Country	Current Status
1	Dr.S.Jayakumar	Dr .V.S.K.Venkatachalapathy Dr.S.Jayakumar, V.Moorthy, Dr., Dr.S. Sundararaman, Dr.K. Velmurugan, K. Srinivasan, S.Sivaprasath	Cost Effective Fastening Bricks	09.12.2020	Australian Patent	Grant
2	Dr.S.Jayakumar	Dr. S. Jayakumar Dr. S. Sundararaman K. Srinivasan S. Sivaprasath A. Kalyani G. Yamuna K. S. Prasath	Device for Termite Tracking using Moisture Sensor and Thermal Imaging	04.09.2020	Indian Patent	Published
3	Dr.S.Jayakumar	Dr. S. Jayakumar ,	Mechanism of	23.10.2020	Indian	Published

		Dr. V.S.K. Venkatachalapathy, Dr. S. Sundararaman , Dr. K. Velmurugan, Mr.G.Senthil Raj , Mr.S.Azhagarsamy, Mrs.A.Sathiya Priya, Mrs.D.Sathiyasree, Mrs.S.Sinthana Gorky, Ms.B.Pallavi	biodeterioration of marine concrete by green algae-chaetomorpha antennina		Patent	

SECTION – VI: COLLABORATIONS AND LINKAGES

6.1 Student Internships

S.No	Name of the Student	Name of the Sponsored Industry / Research Institute / Partnering Institution	About Internship		
			Duration	From date	To date
1	Harinie.S	Cognizant Technology Solutions	4 Month 10 days	29.02.2021	10.06.2021
2	Dhaarni. S				
3	Abbas .B	PWD - (Water supply office)	3 Months	11.09.2020	10.12.2020
4	Mohanasundharam. P				
5	Balaji .A				
6	Vignesh.R				
7	Gautham. M	DMS INEFRA	1 Month	16.12.2020	20.01.2021
8	Barathan. R				
9	Laknesh. N				
10	Vignesh. B				
11	Lokesh. K				

6.2 Sponsored / Industry Projects

S.No	Project Title	Name of the Student/s	Name of the Sponsored Industry / Research Institute / Partnering Institution	Duration of the Project (Months)
1	NIL			

6.3 Industrial Visits

S.No	Name of the Industry / Company / Research Institute	Date of Visit	Target Audience	Number of Students Participated
1	Veedur Dam and Fossil park	10.2.2021	33	33

6.4 Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
1	NHAI	November 2020	Improvement in Transportation	5 Years
2	Ladder Survey	February 2019	surveying	4 Years
3	V land Best Hub	October 2018	construction	
4	Ramco cement	December 2018	construction	

SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	52
Number of Students opted Higher Studies	-
Number of Entrepreneur	-

7.1 Placements

S.No	Name of the Student	Name of the Company	Salary Package (per annum)
1	Agnus Velentina Sagayam.S	Tata Consultancy Services	3.36 Lakhs/Annum
2	Akash K	LSE	2.4 Lakhs/Annum
3	Akkshya. M	Sutherland	2.4 Lakhs/Annum
4	Avinesh .M	SS Group of Companies & Institutions	2.4 Lakhs/Annum
5	Balaji .A	Sutherland	2.4 Lakhs/Annum
6	Balaji.P	SS Group of Companies & Institutions	2.4 Lakhs/Annum
7	Bavithra .S	Sutherland	2.4 Lakhs/Annum
8	Chitharthan.R	Ladder Surveying Pvt Ltd	2.1 Lakhs/Annum
9	Dantuluri Satya Anudeep Varma .D	LSE	2.4 Lakhs/Annum
10	Deepika. S	Sutherland	2.4 Lakhs/Annum
11	Devaradjan .V	VLand Engineering & Construction Pvt Ltd	2.6 Lakhs/Annum
12	Dhaarni. S	Cognizant Technology Solutions	4 Lakhs/Annum
13	Dheenadhayalan J	VLand Engineering & Construction Pvt Ltd	2.6 Lakhs/Annum
14	Dhineshkumar .G	Ladder Surveying Pvt Ltd	2.1 Lakhs/Annum
15	Dinesh .G	VLand Engineering & Construction Pvt Ltd	2.6 Lakhs/Annum
16	Ezhilvalavan K	Sutherland	2.4 Lakhs/Annum
17	Gayathri E	Tata Consultancy Services	3.36 Lakhs/Annum
18	Gunaseelan V	Integra	2.4 Lakhs/Annum
19	Gurupharan.K	Tata Consultancy Services	3.36 Lakhs/Annum
20	Hari Hara Soudry. M.E	SS Group of Companies & Institutions	2.4 Lakhs/Annum

21	Hariprasad. M	Sutherland	2.4 Lakhs/Annum
22	Harini K	Cognizant Technology Solutions	4 Lakhs/Annum
23	Ilamparithi.M	SS Group of Companies & Institutions	2.4 Lakhs/Annum
24	Jagannath.A	Integra	2.4 Lakhs/Annum
25	Jananandhini .P	VLand Engineering & Construction Pvt Ltd	2.6 Lakhs/Annum
26	Jeeva Ra Ga	LSE	2.4 Lakhs/Annum
27	Kamalini .K	Integra	2.4 Lakhs/Annum
28	Kebin Balan. B	E-Construct Design & Build Pvt Ltd	2.4 Lakhs/Annum
29	Kiruthika.S	VLand Engineering & Construction Pvt Ltd	2.6 Lakhs/Annum
30	Kishorkkumar.R.C	VLand Engineering & Construction Pvt Ltd	2.6 Lakhs/Annum
31	Lokesh R	SS Group of Companies & Institutions	2.4 Lakhs/Annum
32	Mohamed Nasim.A	Ladder Surveying Pvt Ltd	2.1 Lakhs/Annum
33	Mohamed Arshad M	SS Group of Companies & Institutions	2.4 Lakhs/Annum
34	Mohana Linga Balaji.M	Tata Consultancy Services	3.36 Lakhs/Annum
35	Mohanasundaram. P	E-Construct Design & Build Pvt Ltd	2.4 Lakhs/Annum
36	Monika. P	LSE	2.4 Lakhs/Annum
37	Nareshkumar .S	VLand Engineering & Construction Pvt Ltd	2.6 Lakhs/Annum
38	Nethyasri A	Tata Consultancy Services	3.36 Lakhs/Annum
39	Rajeswari. S	E-Construct Design & Build Pvt Ltd	2.4 Lakhs/Annum
40	Roshini M	Sutherland	2.4 Lakhs/Annum
41	Sanjay.G	SS Group of Companies & Institutions	2.4 Lakhs/Annum
42	Sanjith Ram.V	E-Construct Design & Build Pvt Ltd	2.4 Lakhs/Annum
43	Seenuvasan.K	SS Group of Companies & Institutions	2.4 Lakhs/Annum
44	Shaarumathy M	Tata Consultancy Services	3.36 Lakhs/Annum
45	Shabana Jasmine .N	Sutherland	2.4 Lakhs/Annum
46	Sivasubramanian.K	SS Group of Companies & Institutions	2.4 Lakhs/Annum
47	Srinivasa Raj.G	Ladder Surveying Pvt Ltd	2.1 Lakhs/Annum
48	Subalatha.M	Tata Consultancy Services	3.36 Lakhs/Annum
49	Subhalakshmi K	E-Construct Design & Build Pvt Ltd	2.4 Lakhs/Annum
50	Suriya Kumaran. P	VLand Engineering &	2.6 Lakhs/Annum

		Construction Pvt Ltd	
51	Vijay.M	E-Construct Design & Build Pvt Ltd	2.4 Lakhs/Annum
52	Dhaarni. S	Cognizant Technology Solutions	3.36 Lakhs/Annum

7.2 Higher Studies

S.No	Name of the Student	Name of the Institution	Name of Program admitted to
1	-	-	-

7.3 Entrepreneur

S.No	Name of the Student	Name of the Company	Nature of Company	Location / Address
1	-	-	-	-

SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT

8.1 Technical Event / Workshop for Student

S.No	Name of the Event / Workshop	Organized under(Department / Student Association/ Profession Chapter / Student Club)	Date of Event	Level (State / National / International)	No. of Participants
1	Applications of Shell Structures	P. Sachithanantham Associate Professor and HoD, Sri Lakshmi Ammal Engineering College, Chennai	25.07.2020	National	120
2	Intelligent Transport System	Gopikrishna J Assistant Professor Knowledge Institute of Technology, Salem	29.08.2020	National	117
3	Precast Concrete Structures	Dr. A. K. Kalil,.ME, Ph.D. Associate Professor& Dy. Director (Campus Development) BSA Crescent Institute of Science and Technology, Chennai	12.09.2020	National	157
4	E-Waste management	Dr.S.Pradeepkumar, M.Tech., Ph.D., Assistant Professor, VNR Vignana Jyothi	15.09.2020	National	156

		Institute of Engineering and Technology, Hyderabad.			
5	Cement and its Types	Er. Murugan Project Head, SMVEC	23.09.2020	State	80
6	Nominal mix design and importance of cube casting	Er. Suresh, R&D Head, Ramco cements.	29.09.2020	National	122
7	Soil and its classification	V. Murugan, DMS infra, Reddiyarpalayam, Puducherry	05.10.2020	State	78
8	Introduction to Tunnel Construction	Er.Mohiadeen Senior Tunnel Engineer, LTA, Singapore.	27.10.2020	National	156
9	Exploring Opportunities, Enhancing Competency and Managing Change for Civil Engineer's	Er.S.Sivakandan Chairman, ICI Puducherry Centre	11.03.2021	National	34

8.2 FDP /Workshop / STTP / Conference for Faculty

S.No	Name of the Event / Workshop	Organized under(Department / Student Association/ Profession Chapter)	Date of Event	Level (State / National / International)	No. of Participants
1	FDP on Smart materials and Sustainable construction	Department of Civil Engineering	27.07.2020- - 31.07.2020	National	55
2	FDP on Intelligent Transport System	Department of Civil Engineering	21.09.2020 - 25.09.2020	National	75
3	FDP on Solid waste management – challenges and opportunities in Indian scenario	Department of Civil Engineering	27.01.2021 - 29.01.2021	National	50

4	FDP on Steel concrete composite construction	Department of Civil Engineering	05.04.2021 - 09.04.2021	National	65

SECTION – IX: ACHIEVEMENTS

9.1 Awards and Prizes Received by Students

S.No	Name of the Student	Event Name / Details	Organized by	Achievement / Position / Prizes
1	Mr.K.Magheshwar	Short Film Making	Election Department, Puducherry	First prize of Rs. 15,000
2	Ms.R.Bavithra	Visvesvaraya Contest	Civil Engineers Association of Kanyakumari	1st mark with 2 gram gold coin
3	Ms.Roshini	Visvesvaraya Contest	Civil Engineers Association of Kanyakumari	2nd mark with 1 gram gold coin

9.2 Participation of teachers in various activities as a Members of Committees at University Level / State Level / National Level / International Level bodies

S.No	Name of the Faculty	Members of Committees at University Level / State Level / National Level / International Level as
1	Dr.S.Sundararaman	ICI ,PONCEA,IEI,ISTE,Puducherry (State Level)
2	Dr.S.Sundararaman	Participated as chairperson for valuation Board at Pondicherry university (University Level)
3	Mr.Azhargarsamy	External Examiner
4	Mrs A.Sathiya Priya	External Examiner
5	Ms.G.Yamuna	External Examiner
6	Mrs.A.kalyani	External Examiner
7	Mrs.D.Sathiyasree	External Examiner

9.3 Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers

S.No	Name of the Faculty	Name of Editorial Boards / Conferences
1	K.S.Prasath	Indian Journal of Science and Technology(Reviewer)

9.4 Awards / Prizes and Recognitions received by teachers at University, State, National and International Level

S.No	Name of the Faculty	Name of Awards / Recognition
1	Nil	

9.5 Details of Faculty participated in Refresher Courses, Orientation Courses, Seminars, Workshops, Conferences at National and International Level

S.No	Name of the Faculty	FDP /STTP /Workshop /Conference Title	Organized by	Duration (Days)
1	Dr S. Jayakumar	Geospatial Applications in Water Resources	Department of Civil Engineering, St. Joseph's Institute of technolology, Chennai Tamil Nadu.	15.6.2020 to 17.6.2020.
		Innovation in Civil Engineering and Concrete Technology	The Indian Concrete Institute (ICI), SRM Institute of Science and Technology (Civil) , UltraTech Cement Ltd. and The Institution of Engineers (I)	13.06.2020 to 17.06.2020
		Sustainable Water Resources Management	Department of Civil Engineering and Internal Quality Assurance Cell(IQAC) of Karpaga Vinayaga College Of Engineering And Technology	14.07.2020 to 16.07.2020
		Recent and Emerging Trends in Civil Engineering	Department of Civil Engineering, Bansal Institute of Engineering and Technology, Lucknow	15.06.2020 to 20.06.2020
		International Web Conference on Smart Engineering Technologies	Department of Civil Engineering, Ramco Institute of Technology, Rajapalayam	26.06.2020 to 27.06.2020
2	Dr. S. Sundararamam	Geospatial Applications in Water Resources	Department of Civil Engineering, St. Joseph's Institute of technology, Chennai Tamil Nadu.	15.6.2020 to 17.6.2020.
		Innovation in Civil Engineering and Concrete Technology	The Indian Concrete Institute (ICI), SRM Institute of Science and Technology (Civil) , UltraTech Cement Ltd. and The Institution of Engineers (I)	13.06.2020 to 17.06.2020
		Sustainable Water Resources Management	Department of Civil Engineering and Internal Quality Assurance Cell(IQAC) of Karpaga Vinayaga College Of Engineering And Technology	14.07.2020 to 16.07.2020
		Structural Analysis	Department of Civil	09.07.2020

			Engineering Pillai HOC College of Engineering and Technology, Rasayani	to 12.07.2020
3	Mrs.A. Kalyani	Latest Trends in Civil Engineering	Department of Civil Engineering, St. Joseph's Institute of technolology, Chennai Tamil Nadu.	22.06.2020 to 27.06.2020
		Sustainable Water Resources Management	Department of Civil Engineering and Internal Quality Assurance Cell(IQAC) of Karpaga Vinayaga College Of Engineering And Technology	14.07.2020 to 16.07.2020
		Structural Analysis	Department of Civil Engineering Pillai HOC College of Engineering and Technology, Rasayani	09.07.2020 to 12.07.2020
		Nanotechnology	Department of Electronics and Communication Engineering, Saveetha Engineering College	29.06.2020 to 03.07.2020
4	Mr. K. Srinivasan	Geospatial Applications in Water Resources	Department of Civil Engineering, St. Joseph's Institute of technolology, Chennai Tamil Nadu.	15.6.2020 to 17.6.2020.
		Innovation in Civil Engineering and Concrete Technology	The Indian Concrete Institute (ICI), SRM Institute of Science and Technology (Civil) , UltraTech Cement Ltd. and The Institution of Engineers (I)	13.06.2020 to 17.06.2020
		Sustainable Water Resources Management	Department of Civil Engineering and Internal Quality Assurance Cell(IQAC) of Karpaga Vinayaga College Of Engineering And Technology	14.07.2020 to 16.07.2020
		Recent and Emerging Trends in Civil Engineering	Department of Civil Engineering, Bansal Institute of Engineering and Technology, Lucknow	15.06.2020 to 20.06.2020
		International Web Conference on Smart Engineering Technologies	Department of Civil Engineering, Ramco Institute of Technology, Rajapalayam	26.06.2020 to 27.06.2020
5	Mr.K.S. Prasath	Geospatial Applications in Water	Department of Civil Engineering, St. Joseph's	15.6.2020 to 17.6.2020.

		Resources	Institute of technolology, Chennai Tamil Nadu.	
		Innovation in Civil Engineering and Concrete Technology	The Indian Concrete Institute (ICI), SRM Institute of Science and Technology (Civil) , UltraTech Cement Ltd. and The Institution of Engineers (I)	13.06.2020 to 17.06.2020
		Sustainable Water Resources Management	Department of Civil Engineering and Internal Quality Assurance Cell(IQAC) of Karpaga Vinayaga College Of Engineering And Technology	14.07.2020 to 16.07.2020
		Structural Analysis	Department of Civil Engineering Pillai HOC College of Engineering and Technology, Rasayani	09.07.2020 to 12.07.2020
		Nanotechnology	Department of Electronics and Communication Engineering, Saveetha Engineering College	29.06.2020 to 03.07.2020
6	Mr.S. Sivaprasath	Geospatial Applications in Water Resources	Department of Civil Engineering, St. Joseph's Institute of technolology, Chennai Tamil Nadu.	15.6.2020 to 17.6.2020.
		Innovation in Civil Engineering and Concrete Technology	The Indian Concrete Institute (ICI), SRM Institute of Science and Technology (Civil) , UltraTech Cement Ltd. and The Institution of Engineers (I)	13.06.2020 to 17.06.2020
		Sustainable Water Resources Management	Department of Civil Engineering and Internal Quality Assurance Cell(IQAC) of Karpaga Vinayaga College Of Engineering And Technology	14.07.2020 to 16.07.2020
7	Ms.A. Aswini	Geospatial Applications in Water Resources	Department of Civil Engineering, St. Joseph's Institute of technolology, Chennai Tamil Nadu.	15.6.2020 to 17.6.2020.
		Innovation in Civil Engineering and Concrete Technology	The Indian Concrete Institute (ICI), SRM Institute of Science and Technology (Civil) , UltraTech Cement Ltd. and The Institution of	13.06.2020 to 17.06.2020

			Engineers (I)	
		Sustainable Water Resources Management	Department of Civil Engineering and Internal Quality Assurance Cell(IQAC) of Karpaga Vinayaga College Of Engineering And Technology	14.07.2020 to 16.07.2020
		Structural Analysis	Department of Civil Engineering Pillai HOC College of Engineering and Technology, Rasayani	09.07.2020 to 12.07.2020
8	Ms.G. Yamuna	Geospatial Applications in Water Resources	Department of Civil Engineering, St. Joseph's Institute of technolology, Chennai Tamil Nadu.	15.6.2020 to 17.6.2020.
		Innovation in Civil Engineering and Concrete Technology	The Indian Concrete Institute (ICI), SRM Institute of Science and Technology (Civil) , UltraTech Cement Ltd. and The Institution of Engineers (I)	13.06.2020 to 17.06.2020
		Sustainable Water Resources Management	Department of Civil Engineering and Internal Quality Assurance Cell(IQAC) of Karpaga Vinayaga College Of Engineering And Technology	14.07.2020 to 16.07.2020
		Structural Analysis	Department of Civil Engineering Pillai HOC College of Engineering and Technology, Rasayani	09.07.2020 to 12.07.2020
		Nanotechnology	Department of Electronics and Communication Engineering, Saveetha Engineering College	29.06.2020 to 03.07.2020
9	Mr.C.Raj Govind	Recent and Emerging Trends in Civil Engineering	Department of Civil Engineering, Bansal Institute of Engineering and Technology, Lucknow	15.06.2020 to 20.06.2020
		Geotechnical Engineering Lab	NPTEL	Sep to Oct 2020 (4 weeks)
		Scheduling techniques in Project	NPTEL	Jan to Apr 2020 (4 weeks)
		International Web	Department of Civil	26.06.2020

		Conference on Smart Engineering Technologies	Engineering, Ramco Institute of Technology, Rajapalayam	to 27.06.2020
10	Mrs.A.Sathiya Priya	Recent and Emerging Trends in Civil Engineering	Department of Civil Engineering, Bansal Institute of Engineering and Technology, Lucknow	15.06.2020 to 20.06.2020
		Utilisation of E-Waste in Construction Industry	Department of Civil Engineering, Dr.N.G.P. IT, Coimbatore	08.03.2021-13.03.2021 one week
		Latest Innovations and Technological Advancements in Concrete Technology	Department of Civil Engineering, SECT, Kalasalingam Academy of Research and Education, Krishnankoil	23.11.2020 - 28.11.2020 One week
		Water Resources Engineering" jointly organized from 17th to 23rd December 2020.	Department of Civil Engineering Karpaga Vinayaga College of Engineering and Technology& Internal Quality Assurance Cell (IQAC)	17.12.2020-23.12.2020 One week
		Geotechnical Engineering Lab	NPTEL	Sep to Oct 2020 (4 weeks)
		Recent Trends in Environmental Engineering"	Department Of Civil Engineering Mohamed Sathak AJ Engineering College, Chennai	04.06.2020 06.06.2020 3Days
		Recent Advances in Civil Engineering	Department Of Civil Engineering, S.A. Engineering College ,Chennai	22.06.2020 24.06.2020 3 Days
11	Ms.S.Banupriya	Patent searching,Drafting and filing	Department of Civil Engineering Panimalar Institute of Technology Chennai	29.05.2020 02.06.2020 5 Days
		Digital Teaching Techniques	ICT Academy	27.07.2020 01.08.2020 6 Days
		Emerging Research Areas in Engineering	Department of Mechnical Engineering SRM Institute Of Science And Technology, Chennai	05.06.2020 09.06.2020 5 Days

		Technical Seminar Sustainable structures	Pondicherry Civil Engineering Association PONCEA	07.02.02021 1 day
12	Mrs.S. Sathiyashree	Recent and Emerging Trends in Civil Engineering	Department of Civil Engineering, Bansal Institute of Engineering and Technology, Lucknow	15.06.2020 to 20.06.2020
		Utilization of E-Waste in Construction Industry	Department of Civil Engineering, Dr.N.G.P. IT, Coimbatore	08.03.2021-13.03.2021 one week
		Latest Innovations and Technological Advancements in Concrete Technology	Department of Civil Engineering, SECT, Kalasalingam Academy of Research and Education, Krishnankoil	23.11.2020 - 28.11.2020 One week
		Water Resources Engineering" jointly organized from 17th to 23rd December 2020.	Department of Civil Engineering Karpaga Vinayaga College of Engineering and Technology& Internal Quality Assurance Cell (IQAC)	17.12.2020-23.12.2020 One week
13	Ms.B. Pallavi	Design of Reinforced concrete structures	NPTEL	12 Week
		Develop the ability to write the research proposal	Adarsh group of institution	One week
		Digital image processing using MATLAB		
14	Mr.S. Azhagarsamy	Recent and Emerging Trends in Civil Engineering	Department of Civil Engineering, Bansal Institute of Engineering and Technology, Lucknow	15.06.2020 to 20.06.2020
		International Web Conference on Smart Engineering Technologies	Department of Civil Engineering, Ramco Institute of Technology, Rajapalayam	26.06.2020 to 27.06.2020
		Utilization of E-Waste in Construction Industry	Department of Civil Engineering, Dr.N.G.P. IT, Coimbatore	08.03.2021-13.03.2021 one week
		Latest Innovations and Technological Advancements in Concrete Technology	Department of Civil Engineering, SECT, Kalasalingam Academy of Research and Education, Krishnankoil	23.11.2020 - 28.11.2020 One week
		Water Resources	Department of Civil	17.12.2020-

		Engineering" jointly organized from 17th to 23rd December 2020.	Engineering Karpaga Vinayaga College of Engineering and Technology& Internal Quality Assurance Cell (IQAC)	23.12.2020 One week
		Latest Innovations and Technological Advancements in Concrete Technology	Department of Civil Engineering, SECT, Kalasalingam Academy of Research and Education, Krishnankoil	23.11.2020 - 28.11.2020 One week
15	Mr.G.Senthil Raj	Latest Innovations and Technological Advancements in Concrete Technology	Department of Civil Engineering, SECT, Kalasalingam Academy of Research and Education, Krishnankoil	23.11.2020 - 28.11.2020 One week
		Recent and Emerging Trends in Civil Engineering	Department of Civil Engineering, Bansal Institute of Engineering and Technology, Lucknow	15.06.2020 to 20.06.2020
		Utilisation of E-Waste in Construction Industry	Department of Civil Engineering, Dr.N.G.P. IT, Coimbatore	08.03.2021- 13.03.2021 one week
16	Ms.S.Nivedita	Latest Innovations and Technological Advancements in Concrete Technology	Department of Civil Engineering, SECT, Kalasalingam Academy of Research and Education, Krishnankoil	23.11.2020 - 28.11.2020 One week
		Latest Innovations and Technological Advancements in Concrete Technology	Department of Civil Engineering, SECT, Kalasalingam Academy of Research and Education, Krishnankoil	23.11.2020 - 28.11.2020 One week
		Water Resources Engineering" jointly organized from 17th to 23rd December 2020.	Department of Civil Engineering Karpaga Vinayaga College of Engineering and Technology& Internal Quality Assurance Cell (IQAC)	17.12.2020- 23.12.2020 One week
17	Mr.R.Badhrinadhan	Utilization of E-Waste in Construction Industry	Department of Civil Engineering, Dr.N.G.P. IT, Coimbatore	08.03.2021- 13.03.2021 one week
		Latest Innovations and Technological Advancements in Concrete Technology	Department of Civil Engineering, SECT, Kalasalingam Academy of Research and Education, Krishnankoil	23.11.2020 - 28.11.2020 One week
		Water Resources Engineering" jointly	Department of Civil Engineering	17.12.2020- 23.12.2020

		organized from 17th to 23rd December 2020.	Karpaga Vinayaga College of Engineering and Technology& Internal Quality Assurance Cell (IQAC)	One week
18	Mr.G.Selvaganapathi	Sustainable Water Resources Management	Department of Civil Engineering and Internal Quality Assurance Cell(IQAC) of Karpaga Vinayaga College Of Engineering And Technology	14.07.2020 to 16.07.2020
		Structural Analysis	Department of Civil Engineering Pillai HOC College of Engineering and Technology, Rasayani	09.07.2020 to 12.07.2020
		Nanotechnology	Department of Electronics and Communication Engineering, Saveetha Engineering College	29.06.2020 to 03.07.2020
19	Mr.D.Ravikumar	Sustainable Water Resources Management	Department of Civil Engineering and Internal Quality Assurance Cell(IQAC) of Karpaga Vinayaga College Of Engineering And Technology	14.07.2020 to 16.07.2020
		Structural Analysis	Department of Civil Engineering Pillai HOC College of Engineering and Technology, Rasayani	09.07.2020 to 12.07.2020
		Nanotechnology	Department of Electronics and Communication Engineering, Saveetha Engineering College	29.06.2020 to 03.07.2020
20	Mr.R.Naveenkumar	Sustainable Water Resources Management	Department of Civil Engineering and Internal Quality Assurance Cell(IQAC) of Karpaga Vinayaga College Of Engineering And Technology	14.07.2020 to 16.07.2020
		Structural Analysis	Department of Civil Engineering Pillai HOC College of Engineering and Technology, Rasayani	09.07.2020 to 12.07.2020
		Nanotechnology	Department of Electronics and Communication Engineering, Saveetha Engineering College	29.06.2020 to 03.07.2020

21	Mrs.S.Sinthanagorky	Innovation in Civil Engineering and Concrete Technology	The Indian Concrete Institute (ICI), SRM Institute of Science and Technology (Civil) , UltraTech Cement Ltd. and The Institution of Engineers (I)	13.06.2020 to 17.06.2020
		Sustainable Water Resources Management	Department of Civil Engineering and Internal Quality Assurance Cell(IQAC) of Karpaga Vinayaga College Of Engineering And Technology	14.07.2020 to 16.07.2020
		Recent and Emerging Trends in Civil Engineering	Department of Civil Engineering, Bansal Institute of Engineering and Technology, Lucknow	15.06.2020 to 20.06.2020
22	Ms.C.Sarika	Innovation in Civil Engineering and Concrete Technology	The Indian Concrete Institute (ICI), SRM Institute of Science and Technology (Civil) , UltraTech Cement Ltd. and The Institution of Engineers (I)	13.06.2020 to 17.06.2020
		Sustainable Water Resources Management	Department of Civil Engineering and Internal Quality Assurance Cell(IQAC) of Karpaga Vinayaga College Of Engineering And Technology	14.07.2020 to 16.07.2020
		Recent and Emerging Trends in Civil Engineering	Department of Civil Engineering, Bansal Institute of Engineering and Technology, Lucknow	15.06.2020 to 20.06.2020
23	Mr.S.Madivanan	Innovation in Civil Engineering and Concrete Technology	The Indian Concrete Institute (ICI), SRM Institute of Science and Technology (Civil) , UltraTech Cement Ltd. and The Institution of Engineers (I)	13.06.2020 to 17.06.2020
		Sustainable Water Resources Management	Department of Civil Engineering and Internal Quality Assurance Cell(IQAC) of Karpaga Vinayaga College Of Engineering And Technology	14.07.2020 to 16.07.2020
		Recent and Emerging Trends in Civil	Department of Civil Engineering, Bansal	15.06.2020 to

		Engineering	Institute of Engineering and Technology, Lucknow	20.06.2020
24	Mr.S.Tiroumalai	Innovation in Civil Engineering and Concrete Technology	The Indian Concrete Institute (ICI), SRM Institute of Science and Technology (Civil) , UltraTech Cement Ltd. and The Institution of Engineers (I)	13.06.2020 to 17.06.2020
		Sustainable Water Resources Management	Department of Civil Engineering and Internal Quality Assurance Cell(IQAC) of Karpaga Vinayaga College Of Engineering And Technology	14.07.2020 to 16.07.2020
		Recent and Emerging Trends in Civil Engineering	Department of Civil Engineering, Bansal Institute of Engineering and Technology, Lucknow	15.06.2020 to 20.06.2020
25	Mrs.V.Sivasankari	Sustainable Water Resources Management	Department of Civil Engineering and Internal Quality Assurance Cell(IQAC) of Karpaga Vinayaga College Of Engineering And Technology	14.07.2020 to 16.07.2020
		Structural Analysis	Department of Civil Engineering Pillai HOC College of Engineering and Technology, Rasayani	09.07.2020 to 12.07.2020
		Nanotechnology	Department of Electronics and Communication Engineering, Saveetha Engineering College	29.06.2020 to 03.07.2020
26	Mr.G.Anandhanarayanan	Sustainable Water Resources Management	Department of Civil Engineering and Internal Quality Assurance Cell(IQAC) of Karpaga Vinayaga College Of Engineering And Technology	14.07.2020 to 16.07.2020
		Structural Analysis	Department of Civil Engineering Pillai HOC College of Engineering and Technology, Rasayani	09.07.2020 to 12.07.2020
		Nanotechnology	Department of Electronics and Communication Engineering, Saveetha Engineering College	29.06.2020 to 03.07.2020

27	Mr.S.Manikandan	Sustainable Water Resources Management	Department of Civil Engineering and Internal Quality Assurance Cell(IQAC) of Karpaga Vinayaga College Of Engineering And Technology	14.07.2020 to 16.07.2020
		Structural Analysis	Department of Civil Engineering Pillai HOC College of Engineering and Technology, Rasayani	09.07.2020 to 12.07.2020
		Nanotechnology	Department of Electronics and Communication Engineering, Saveetha Engineering College	29.06.2020 to 03.07.2020

Declaration by HoD

I am aware that the above information provided by the department will be validated by the Academic and Administrative Audit (AAA) committee during the visit

Head of the Department

Recommendations:

Section	Remarks
Curricular Aspects	All relevant documents are verified
Teaching, Learning and Evaluation	All relevant documents are verified
Structured Feedback	All relevant documents are verified
Research, Innovation and Publications	All relevant documents are verified
Collaborations and Linkages	Research grant and consultancy works can be enhanced
Student Progression	All relevant documents are verified
Activity Conducted / Organized by the Department	Hardcopy to be maintained Entrepreneur in the department to be checked with Alumini
Achievements	All relevant documents are verified
General Remarks	Most of the documents are available in the department except the file mentioned above

Signature of the External Academic Audit Experts

Dr.M.Karthikeyan
Professor
Department of Mechanical Engineering
RajaRajeswari college of Engineering
Mysore Road, Bangalore - 560074

Dr. R.Baskaran
Professor
Department of Industrial Engineering
College of Engineering Guindy
Anna University - 600025

ACADEMIC AND ADMINISTRATIVE AUDIT

DEPARTMENT OF

MECHATRONICS

ACADEMIC AND ADMINISTRATIVE AUDIT

(Academic Year 2020-2021)

External Audit

SECTION –1: BASIC INFORMATION

Audit Date	19.11.2021	
Name of the Department	Mechatronics	
Year of Establishment	2019	
Programs Offered	Name of the Program: B.Tech Mechatronics; Approved Intake: 60	
Head of the Department	Dr.G. Balamuruga Mohan Raj	
Number of full time Teachers	Professor	1
	Assistant Professor	6
Number of Technical Staff		
Number of Students	For B.Tech:	
	Year: First Year	Strength: 23
	Second Year	15
	Third Year	
	Total	38
Faculty Student Ratio	1:15	

SECTION –2: CURRICULAR ASPECTS

2.1 Academic Plan

S.No	Particular	Available (Yes / No)	Remarks
1	Department Academic Calendar	**Yes**	Academic calendar is framed every semester including the guest lectures, technical competitions and internals and project reviews
2	Faculty Subject Preferences	**Yes**	At the beginning of every semester subject preferences are collected from the faculties based on their specialization and separate forms are maintained in the department.
3	Elective choices from the Students	**Yes**	Different electives are floated among students, if more than 20 students optional elective that specific elective is

			chosen for the particular groups. The electives are categorized in different mechanical specializations.
4	Course allotment to the Faculty	**Yes**	Once the faculties give their subject willingness, HoD in discussion with academic coordinator allots subjects to the faculties.
5	Time Table (UG)	**Yes**	Time table are framed by allotting 6 hours for analytical subjects (4 credit papers)with additional tutorial hour and 5 hours for theory subjects(3credit papers)
6	Lesson plan for each Course	**Yes**	Lesson plans are framed in aligned with academic calendar. The lesson plan is framed module wise.

2.1 Participation of the Faculty in the Curriculum development for courses offered in UG

S.No	Name of the Faculty	Participated as	Course	Year / Sem
1.	Dr.G.Balamuruga Mohanraj,	Chairman	B.Tech-MCTR	I,II,III and IV year
2.	Mr.P.Ramesh Kumar	Internal Member	B.Tech-MCTR	I,II,III and IV year
3.	Mr.S.Saravanan	Internal Member	B.Tech-MCTR	I,II,III and IV year
4.	Mr.S.Prakash.	Internal Member	B.Tech-MCTR	I,II,III and IV year
5.	Ms.R.Alaguselvi	Internal Member	B.Tech-MCTR	I,II,III and IV year
6.	Ms.E.Agalya	Internal Member	B.Tech-MCTR	I,II,III and IV year
7.	Ms.R. Sunantha	Internal Member	B.Tech-MCTR	I,II,III and IV year

2.2 List of Professional Elective Courses offered by the department

S.No	Year / Sem	Name of the Elective Course	Course Code	Number of Students Registered
1	II/IV	Computer Integrated Manufacturing	U19MCE43	15

2.3 List of Open Elective Courses offered by Other department

S.No	Year / Sem	Offering Department	Name of the Elective Course	Course Code	Number of Students Registered
1	II/IV	CSE	Programming in JAVA	U19CSO43	15

2.4 List of Skill Development Courses offered by the department

S.No	Year / Sem	Name of the Skill Development Course	Course Code	Number of Students Registered
1	I/I	Demonstration in Engineering Practice Lab	U20MCS101`	23
2	II/III	General Proficiency - I	U19MCS31	15
3	II/IV	General Proficiency - II	U19MCS41	15

2.5 List of Certification Courses offered by the department

S.No	Year / Sem	Name of the Certification Course	Course Code	Number of Students Registered
1	I/I	Auto Cad for Mechanical	U20MCC115	23
2	II/III	Python Programming using Python	U19MCC39	15
3	II/IV	Auto Cad for Mechanical	U19MCC42	15

2.6 List of Mandatory Courses offered by the department

S.No	Year / Sem	Name of the Mandatory Course	Course Code	Number of Students Registered
1	I/I	Environmental Science	U20MCM202	23
2	II/III	Physical Education	U19MCM31	15
3	II/IV	Indian Costitution	U19MCM41	15

SECTION –3: TEACHING, LEARNING AND EVALUATION

3.1 Course Delivery

Semester: III ODD

S. No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
	Complex Analysis and Applications of Partial Differential Equations(19MCT31)	Mrs.B.Kavitha	60	60	60
	Data Structure (U19MCT32)	Dr.A.Ramalingam	60	60	60
	Analog and Digital Circuits Design(U19MCT33)	Mr.C.Sridhar	45	45	45
	Strength of Materials(U19MCT34)	Dr.G.B.M.Mohan Raj	60	60	60
	Fluid Mechanics and Hydraulic Machinery(U19MCT35)	Mr.S.Saravanan	45	45	48
	Sensors, Transducers and Measurement system(U19MCT36)	Mr. P. Ramesh Kumar	45	45	48
	Data Structures Lab (U19MCP31)	Mr. S. Saravanan	30	30	30
	Analog and Digital Circuits Lab (U19MCP32)	Mr. S. Saravanan	30	30	30
	Strength of Materials and Fluid Machinery Lab (U19MCP33)	Dr.G.B.M.Mohan Raj	30	30	30

Semester: IV EVEN

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1.	Numerical Methods and Statistics (U19MCT41)	Mr.R.Rajesh	60	60	60
2.	Electronic Devices and Circuits (U19MCT42)	Ms.Tamilselvi	60	60	60
3.	Power Electronics and Drives (U19MCT43)	Mr.Malarselvam	45	45	45
4.	Theory of Machines (U19MCT44)	Dr.G.B.M.Mohanraj	60	60	60
5.	computer integrated manufacturing (U19MCE43)	Mr. S. Saravanan	45	45	45
6.	Programming in JAVA(U19CSO43)	Mr.Gobinath	45	45	45
7.	Numerical Methods Statistics Laboratory(U19MCP41)	Mr.R.Rajesh	30	30	30
8.	Electronic Devices and Circuits Lab(U19MCP42)	Ms.Tamilselvi	30	30	30
9.	Power Electronics and Drives Lab(U19MCP43)	Mr.Malarselvam	30	30	30
10.	Dynamics of Machinery Lab(U19MCP44)	Dr.G.B.M.Mohanraj	30	30	30

Semester : I

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Engineering Mathematics – I (Calculus and Linear Algebra) (U20BST101)	Mr. M. Egalite Francis	60	60	62
2	Biology for Engineers(U20BST109)	Ms. Kavin Nilavu,	45	45	56
3	Introduction to Electrical Engineering (U20EST129)	Mr. S. Ganesan,	45	45	45
4	Fundamentals of Mechanical Engineering (U20EST130)	Mr. S.Prakash	60	60	64
5	Thermodynamics and Heat Transfer (U20MCT101)	Mr. S. Saravanan,	60	60	66
6	Basic Electrical Engineering Lab(U20ESP131)	Mr. S. Ganesan,	30	30	33

7	Engineering Graphics using Auto CAD(U20ESP112)	Mr. G.Harish	30	30	33
8	Thermal Engineering Lab(U20MCP101)	Mr. S. Saravanan,	30	30	30

3.2 Use of ICT Tools in Teaching Learning

Semester: III

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mrs.B.Kavitha	Complex Analysis and Applications of Partial Differential Equations(19MCT31)	PPT& Video Lecture
2	Dr.A.Ramalingam	Data Structure (U19MCT32)	PPT& Video Lecture
3	Mr.C.Sridhar	Analog and Digital Circuits Design(U19MCT33)	PPT& Video Lecture
4	Dr.G.B.M.Mohan Raj	Strength of Materials(U19MCT34)	PPT& Video Lecture
5	Mr.S.Saravanan	Fluid Mechanics and Hydraulic Machinery(U19MCT35)	PPT& Video Lecture
6	Mr. P. Ramesh Kumar	Sensors, Transducers and Measurement system(U19MCT36)	PPT& Video Lecture
7	Mr. S. Saravanan	Data Structures Lab (U19MCP31)	Program Simulation
8	Mr. S. Saravanan	Analog and Digital Circuits Lab (U19MCP32)	Virtual Lab Simulation & Video demonstration
9	Dr.G.B.M.Mohan Raj	Strength of Materials and Fluid Machinery Lab (U19MCP33)	working and Demonstration

Semester: IV

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mr.R.Rajesh	Numerical Methods and Statistics (U19MCT41)	PPT& Video Lecture
2	Ms.Tamilselvi	Electronic Devices and Circuits (U19MCT42)	PPT& Video Lecture
3	Mr.Malarselvam	Power Electronics and Drives (U19MCT43)	PPT& Video Lecture
4	Dr.G.B.M.Mohanraj	Theory of Machines (U19MCT44)	PPT& Video Lecture
5	Mr. S. Saravanan	computer integrated manufacturing (U19MCE43)	PPT& Video Lecture
6	Mr.Gobinath	Programming in JAVA(U19CSO43)	PPT& Video Lecture
7	Mr.R.Rajesh	Numerical Methods Statistics Laboratory(U19MCP41)	Program Simulation
8	Ms.Tamilselvi	Electronic Devices and Circuits Lab(U19MCP42)	Circuit Simulation and working
9	Mr.Malarselvam	Power Electronics and Drives Lab(U19MCP43)	Virtual lab Simulation, Every circuit Simulation
10	Dr.G.B.M.Mohanraj	Dynamics of Machinery Lab(U19MCP44)	working and Demonstration

Semester : I

S.No	Name of the Faculty	Name of the Course for which	ICT Tool / Technique

		ICT used	Used
1	Mr. M. Egalite Francis	Engineering Mathematics – I (Calculus and Linear Algebra) (U20BST101)	PPT& Video Lecture
2	Ms. Kavin Nilavu,	Biology for Engineers(U20BST109)	PPT& Video Lecture
3	Mr. S. Ganesan,	Introduction to Electrical Engineering (U20EST129)	PPT& Video Lecture
4	Mr. S.Prakash	Fundamentals of Mechanical Engineering (U20EST130)	PPT& Video Lecture
5	Mr. S. Saravanan,	Thermodynamics and Heat Transfer (U20MCT101)	PPT& Video Lecture
6	Mr. S. Ganesan,	Basic Electrical Engineering Lab(U20ESP131)	Circuit Simulation and working
7	Mr. G.Harish	Engineering Graphics using Auto CAD(U20ESP112)	CAD Design
8	Mr. S. Saravanan,	Thermal Engineering Lab(U20MCP101)	working and Demonstration

3.3 List of Expert Lectures / Workshop Conducted

S. No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
1	IoT for Mechatronics	Mr.Vignesh, Industial Resource person Cresento, Chennai.	29.8.2020 (1 day)	15
2	Low cost automation	Mr. Manokar, Festo, Chennai.	26.9.2020 (1 day)	15
3	Vehicle Monitoring	Mr.Lakshmipathi, Engine Management Solution.	3.10.2020 (1 day)	15
4	Robotics	Dr.Kuppanchetty, Industan university, Chennai.	31.10.2020(1 day	15

3.4 Activities for Slow and Advanced Learners

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1.	Strength of Materials/U19MCT34	Dr. G. BalamurugaMohanraj	No	4	No
2.	Fluid Mechanics and Hydraulic Machinery/ U19MCT35	Mr. S. Saravanan	No	5	No
3.	Sensors, Transducers and hydraulic Machinery/ U19MCT36	Mr. Ramesh Kumar	No	4	No
4.	Strength of Materials and Fluid Machinery Lab/ U19MCP33	Dr. G. BalamurugaMohanraj	No	5	No
5.	Fundamentals of Mechanical Engineering/ U20EST130	Mr.S.Prakash	No	3	No
6.	Thermodynamics and Heat Transfer / U20MCT101	Mr. S. Saravanan	No	4	No
7.	Theory of	Dr. G. BalamurugaMohanraj	No	5	No

	Machines/U19MCT44				
8.	Computer Integrated Manufacturing/ U19MCE43	Mr. S. Saravanan	No	4	No

3.5 Counseling and Mentoring

S.No	Particular	Yes / No	Remarks (if any)
1	Mentor Allocation	Yes	Mentor-Mentee system is our integral part. For each mentors 13 students are allotted. The mentor maintains entire details about the students and does periodic counseling.
2	Class wise student Profile Record Maintained	Yes	Class wise student Profile Record Maintained by the class advisor
3	Mentor – Mentee Session Record Maintained	Yes	Mentor – Mentee Session Record Maintained by the mentors

No. of Students in Department	Number of Full Time Teachers in the Department	Mentor : Mentee Ratio
38	7	1:15

3.6 Internal Evaluation Systems

S.No	Particular	Yes / No	Remarks (if any)
1	Continuous Assessment Test Record	Yes	Maintained in the course files as well with the exam coordinator.
2	End Semester Examination Record	Yes	Maintained in the department exam cell
3	Student Grade Report	Yes	Maintained in the department exam cell

3.7 Learning Outcomes

S.No	Particular	Yes / No	Remarks (if any)
1	PO, PEO, PSO, CO are well stated	Yes	Well stated and passed in BOS
2	Correlation of COs with POs and PSOs for each Course	Yes	Well stated and passed in BOS
3	Course Outcome Attainment Calculated	Yes	-
4	PSO and PO attainment through CO	Yes	-

3.8 Student Performance in End Semester Examination

Semester – III(2019-2023) BATCH

Sr. No	Particular	B.Tech II Yr
1	Number of Students appeared	15
2	Number of All Clear Students	7
3	Number of Students passed with Distinction	3
4	Number of Students passed with First Class	5
5	Number of Students passed with Second Class	-
6	Number of Students Failed	-
7	Passing Percentage	46.67

Semester – IV (2019-2023) BATCH

Sr. No	Particular	B.Tech II Yr
1	Number of Students appeared	15
2	Number of All Clear Students	15
3	Number of Students passed with Distinction	02
4	Number of Students passed with First Class	12
5	Number of Students passed with Second Class	1
6	Number of Students Failed	-
7	Passing Percentage	100

Semester – I(2020-2024) BATCH

Sr. No	Particular	B.Tech I Yr
1	Number of Students appeared	23
2	Number of All Clear Students	23
3	Number of Students passed with Distinction	12
4	Number of Students passed with First Class	11
5	Number of Students passed with Second Class	-
6	Number of Students Failed	-
7	Passing Percentage	100

SECTION – IV :STRUCTURED FEEDBACK

S.No	Particular	Yes / No	Number of Feedback Collected	Remarks (if any)
1	Student Feedback on Teaching and Learning conducted with action taken report	**Yes**	**23**	
2	Parent Meet / Parent Feedback on Teaching conducted with action taken report	**Yes**	**15**	
3	Student Exit Survey conducted and Analysed	**Yes**	-	
4	Alumni Feedback conducted	**Yes**	-	

	and Analysed			

SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS

5.1 Research Grants, Projects completed and ongoing from various Funding Agencies

S.No	Principle Investigator	Title of Project / Grants	Funding Agency	Amount (Rs. in Lakhs)	Duration of the project
1					

5.2 Consultancy Works

S.No	Name of the Faculty	Nature of Consultancy	Funding Agency	Fund Generated (Rs.)	Duration of the Consultancy
1	-	-	-	-	-

5.3 Faculty Publications

Publication Details (Last Four Years)

Sr. No	Academic Year	Papers Published in peer reviewed Journals	Scopus, Web of Science Indexing Papers	Total Number of Citations	h-index	Impact Factor range / Average Imapact Factors
1	2017-2018	-	-	-	-	-
2	2018-2019	-	-	-	-	-
3	2019-2020	05	Scopus	-	-	-
4	2020-2021	-	-	-	-	-

Publication Details for Academic Year consider for Auditing (2020-2021)

Number of Publication in National Journals	-
Number of Publication in International Journals	0
Number of Publication in National Conferences	-05
Number of Publication in International Conferences	-
Number of Books / Book Chapters	01
Number of Patent (Filed)	05
Number of Patents Granted	-

National Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	ISBN / ISSN
1	-	-	-	-

International Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	Vol, issue, pp, ISBN/ISSN	Indexing
1	Design and Fabrication of Semi - Automatic Tank Cleaner	SharavananShunmugam, G. Balamuruga Mohan Raj, VSK.Venkatachalapathy	Comprehensive Advanced Specific Summarised Studies	04 (1) / ISSN 2581-6403/ / 2020	h-index
2	Analystic Report Of Zirconum	BalamurugaMohanraj. G, E. Manikandan, S. Arunkumr, K. Velmurugan, V.S, K.Venkatachalapathy	Journal of Xidian University	ISSN 1001-2400/June 2020/ volume 14/Issue 7/ Page:36-42	h-index
3	Design and Fabrication of Semi - Automatic Tank Cleaner	SharavananShunmugam, G. Balamuruga Mohan Raj, VSK.Venkatachalapathy	Comprehensive Advanced Specific Summarised Studies	04 (1) / ISSN 2581-6403/ / 2020	h-index
4	Analystic Report Of Zirconum	Journal of Xidian University BalamurugaMohanraj.G, E. Manikandan, S. Arunkumr, K. Velmurugan, V.S, K.Venkatachalapathy	Journal of Xidian University	ISSN 1001-2400/June 2020/ volume 14/Issue 7/ Page:36-42	h-index
5	Design and Fabrication of Solar Dryer stabilization in Agriculture Application	S.Saravanan S.Jagan S.Prakash, A.Giriprasath	Journal of Xidian University	11/ISSN 1001-2400/2020/ volume 14/Issue 6/ Page No: 2000-2007	h-index

National Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
	-	-	-	-	-	-

International Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
	-	-	-	-	-	-

Books / Book Chapters

S.No	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher

1	Robotics and automation / Social Robots for public interaction	Dr. G. Balamuruga Mohan Raj Dr. A. Thiagarajan	978-93-90781-09-6	ESN Publications

Patent

S. No	Name of the Applicant (s)	Name of the Inventor (s)	Title	Application No. & Patent Filed Date	Country	Current Status
1	Dr. R.RAVISANKAR	1)Dr. R.Ravisankar, 2)Dr.V.S.K.Venkatachalapathy 3)Mr.A.Jeyachandran, 4)Mr. L.Martin 5)Dr.K. Hemalatha, 6)Dr.G.Balamurugamohanraj 7)Mr.E.Manikandan 8)Dr.G.G.Sozhamannan 9)Dr. T.Coumaressin 10)Dr.K. Velmurugan	Automatic Pneumatic Welding By Robot	202041029720 A &13/07/2020	India	Filed
2	Dr.V.S.K.VENKATA CHALAPATHY	1)Dr.V.S.K.Venkatachalapathy 2)Dr.K.Velmurugan 3)Dr.G.G.Sozhamannan 4)Mr.A.Jeyachandran 5)Dr.K.Hemalatha 6)Dr.T.Coumaressin 7)Mr.E.Manikandan 8)Dr.G.Balamuruga Mohan Raj 9)Dr.R.Ravisankar 10)Mr.L.Martin	Smart Portable Automated Paneer Making Device	202041037094 A & 28/08/2020	India	Filed
3	Dr.K.VELMURUGAN	1)Dr.K.Velmurugan 2)Dr.V.S.K.Venkatachalapathy 3)Mr.K.Navanitha Krishnan 4)Mr.R.Manikandan 5)Mr.S.ArulPradeep 6)Mr.P.SathiaPrathap 7)Mr.M.Gunasekar 8)Mr.S.Prakash9)Mr.S. Saravanan 10)Mr.S.Jagan 11)Mr.K.Oudayakumar 12)Mr.N.Vijayan	Multi-Purpose Skin Peeler	202041041657 A	India	Filed

1	-			

SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	
Number of Students opted Higher Studies	
Number of Entrepreneur	

7.1 Placements

S.No	Name of the Student	Name of the Company	Salary Package (per annum)
1.	-	-	-

7.2 Higher Studies

S.No	Name of the Student	Name of the Institution	Name of Program admitted to
1	-	-	-

7.3 Entrepreneur

S.No	Name of the Student	Name of the Company	Nature of Company	Location / Address
1	-	-	-	-

SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT

8.1 Technical Event / Workshop for Student

S.No	Name of the Event / Workshop	Organized under(Department / Student Association/ Profession Chapter / Student Club)	Date of Event	Level (State / National / International)	No. of Participants
1	--	-	-	-	-

8.2 FDP /Workshop / STTP / Conference for Faculty

S.No	Name of the Event / Workshop	Organized under(Department / Student Association/ Profession Chapter)	Date of Event	Level (State / National / International)	No. of Participants
1	-	-	-	-	-

SECTION – IX: ACHIEVEMENTS

9.1 Awards and Prizes Received by Students

S.No	Name of the Student	Event Name / Details	Organized by	Achievement / Position / Prizes

1	-	-	-	-

9.2 Participation of teachers in various activities as a Members of Committees at University Level / State Level / National Level / International Level bodies

S.No	Name of the Faculty	Members of Committees at University Level / State Level / National Level / International Level as
1	-	-

9.3 Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers

S.No	Name of the Faculty	Name of Editorial Boards / Conferences
1	-	-

Awards / Prizes and Recognitions received by teachers at University, State, National and International Level

S.No	Name of the Faculty	Name of Awards / Recognition
1	Dr.G.Balamuruga Mohan Raj	Distinguished Professor Award/ESN Publications
2		

9.4 Details of Faculty participated in Refresher Courses, Orientation Courses, Seminars, Workshops, Conferences at National and International Level

S.No	Name of the Faculty	FDP /STTP /Workshop /Conference Title	Organized by	Duration (Days)
1.	Dr.G.Balamuruga Mohan Raj	FDP	PimpriChinchwad College of Engineering and Research	6
2.	Dr.G.Balamuruga Mohan Raj	FDP	SRM Institute of Science and Technology	5
3.	Dr.G.Balamuruga Mohan Raj	FDP	Vel Tech High Tech Dr.RangarajanDr.Sankunthala Engineering College, Chennai	6
4.	Dr.G.Balamuruga Mohan Raj	FDP	Sri Sai ram Engineering College	15
5.	S.Saravanan	FDP	Sri Manakula Vinayagar Engineering College,Puducherry	4
6.	S.Saravanan	FDP	SRM Institute of Science and Technology, Ramapuram Campus,Chennai	7
7.	S.Saravanan	FDP	Bharati Vidyapeeth college of Engineering	5
8.	S.Saravanan	FDP	Sri Sairam Institute of Technology, Chennai.	5
9.	S.Saravanan	FDP	Pimpri Chinchwad College of Engineering & Research,pune	5
10.	S.Saravanan	FDP	Sri Venkateswara College of Engineering,Chennai.	7
11.	Mr.S.Prakash	FDP	SaiRam Engineering College	14

2020-21

12.	Mr.S.Prakash	**FDP**	Pimpri Chinchwad Engineering College	**6**
13.	Mr.S.Prakash	**FDP**	SaiRam Engineering College	**7**
14.	Mr.S.Prakash	**FDP**	VelTech HigTech College	**6**
15.	Mr.S.Prakash	**FDP**	Sardha University	**7**

Declaration by HoD

I am aware that the above information provided by the department will be validated by the Academic and Administrative Audit (AAA) committee during the visit

Head of the Department

Recommendations:

Section	Remarks
Curricular Aspects	
Teaching, Learning and Evaluation	
Structured Feedback	
Research, Innovation and Publications	
Collaborations and Linkages	Need more focus in industry oriented projects
Student Progression	
Activity Conducted / Organized by the Department	
Achievements	Need to Improve the Student Achievements
General Remarks	

Signature of the External Academic Audit Experts

Dr.M.Karthikeyan
Professor
Department of Mechanical Engineering
RajaRajeswari College of Engineering
Mysore
Bangalore

Dr.R.Baskaran
Professor
Department of Industrial Engineering
CEG
Anna University

ACADEMIC AND ADMINISTRATIVE AUDIT

DEPARTMENT OF

BIO MEDICAL ENGINEERING

ACADEMIC AND ADMINISTRATIVE AUDIT

(Academic Year 2020-2021)

External Audit

SECTION –1 : BASIC INFORMATION

Audit Date	19.11.2021	
Name of the Department	BIOMEDICAL ENGINEERING	
Year of Establishment	2019	
Programs Offered	Name of the Program: B.Tech; Approved Intake: 60	
Head of the Department	Dr.A.Vijayalakshmi	
Number of full time Teachers	Professor	1
	Associate Professor	
	Assistant Professor	8
Number of Technical Staff		
Number of Students	For B.Tech: First Year 48; Second Year 35; Third Year; Fourth Year; Total 83	For M.Tech: First Year; Second Year; Total
Faculty Student Ratio	1:15	

SECTION –2: CURRICULAR ASPECTS

2.1 Academic Plan

S.No	Particular	Available (Yes / No)	Remarks
1	Department Academic Calendar	Yes	
2	Faculty Subject Preferences	Yes	
3	Elective choices from the Students	Yes	
4	Course allotment to the Faculty	Yes	
5	Time Table (UG and PG)	Yes	
6	Lesson plan for each Course	Yes	

2.2 Participation of the Faculty in the Curriculum development for courses offered in UG and PG programs

S.No	Name of the Faculty	Participated as	Course	Year / Sem
1	**Dr.A.Vijayalakshmi,** Professor and Head Department of Biomedical Engineering	Chairman	B.Tech -BME	I&II/I-VI
2	**Dr.S.Senthil Kumar** Assistant Professor Specialization: Biomedical Instrumentation	Internal Member	B.Tech 1. Human Anatomy and Physiology	I/I
			2. Biomechanics	II/III
			3. Pathology and Microbiology	I/II
			4. Diagnostic and Therapeutic Equipments	III/VI
3	**Mr.K.Prabhakaran** Professor Specialization: Embedded System Technologies	Internal Member	B.Tech 1. Microcontroller and Embedded Systems	III/VI
			2. Medical Image Processing	III/VII
			3. Linear Integrated Circuits	II/IV
4	**Mr.K.Dhivakar** Assistant Professor Specialization: Applied Electronics	Internal Member	B.Tech 1. Electron Devices and Circuits	I/II
			2. Communication Systems	I/II
5	**Ms. A.Kavinilavu** Assistant Professor Specialization: Biomedical Instrumentation	Internal Member	B.Tech 1. Biosensors and Transducers	II/III
			2. Digital Logic Circuits	II/III
6	**Ms.V.Mohana** Associate Professor Specialization: VLSI & ES	Internal Member	B.Tech 1. Biosignals and systems	II/III
			2. Measurements and Instruments	I/II

7	**Mr R.S.Shiyamsundar** Assistant Professor: Specialization: Applied Electronics	Internal Member	B.Tech 1. Biosignal Processing	II/IV
			2. Digital Logic Circuits	II/III
			3. Artificial Intelligence and Machine learning in Medicines	III/VI
8	**Ms.S.Gowthami Devi** Assistant Professor: Specialization: ECE	Internal Member	B.Tech 1. Biocontrol Systems	II/V
			2. Laser and Fiber Optics in Medicine	II/IV
9	**Mr.R.Mohan** Assistant Professor: Specialization: Medical Biotechnology	Internal Member	B.Tech 1. Biomedical Instrumentation	III/V
			2. Biomaterials and Artificial Organs	IV/VIII

2.3 List of Professional Elective Courses offered by the department

S.No	Year / Sem	Name of the Elective Course	Course Code	Number of Students Registered
1	II/IV	Hospital Equipment Safety and Mangement	U19BME42	35

2.4 List of Open Elective Courses offered by Other department

S.No	Year / Sem	Offering Department	Name of the Elective Course	Course Code	Number of Students Registered
1	II/IV	ECE	Consumer Electronics	U19ECO42	35

2.5 List of Skill Development Courses offered by the department

S.No	Year / Sem	Name of the Skill Development Course	Course Code	Number of Students Registered
1	II/III	Power point Presentation Design and Animation	U19BMS32	35
2	II/IV	Testing of Electronic and Medical Devices	U19BMS42	35

2.6 List of Certification Courses offered by the department

S.No	Year / Sem	Name of the Certification Course	Course Code	Number of Students Registered
1.	II/III	Introduction to C++ Programming	U19BMC36	35
2.	II/IV	Android Medical App Development	U19BMC41	35
3.	I/I	Programming in C	U20BMC157	48

List of Mandatory Courses offered by the department

S.No	Year / Sem	Name of the Mandatory Course	Course Code	Number of Students Registered
1	II/IV	Indian Constitution	U19BMM41	35
2	II/III	Physical Education	U19BMM31	35
3	I/I	Induction Program	U20BMM101	48

SECTION –3: TEACHING, LEARNING AND EVALUATION

3.1 Course Delivery

Semester :III

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Numerical Methods/U19BMT31	Mrs.B.Kavitha	60	60	68
2	Data Structures/U19BMT32	Mr.N.Gopinath	45	45	52
3	Electron Devices and Circuits/ U19BMT33	Dr.A.Vijayalakshmi	45	45	53
4	Biosensors and Transducers/ U19BMT34	Ms.V.Mohana	45	45	47
5	Human Anatomy and Physiology/U19BMT35	Mr.R.S.Shiyamsundar	45	45	52
6	Biosignals and systems/ U19BMT36	Mr.K.Dhivakar	60	60	65
7	Data Structures Laboratory/ U19BMP31	Mr.N.Gopinath	30	30	30
8	Electron Devices and Circuits Laboratory/ U19BMP32	Dr.A.Vijayalakshmi	30	30	30
9	Biosensors and Transducers Laboratory/ U19BMP33	Ms.V.Mohana	30	30	30

Semester: IV

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Probability and Queuing theory/ U19BMT41	Dr.K.Kamala	60	60	62
2	Programming in JAVA/ U19BMT42	Mr.M.Shanmugam	45	45	48
3	Bio Signal Processing/ U19BMT43	Ms.A.Kavinilavu	60	60	65
4	Analog and digital integrated circuits/ U19BMT44	Mr.R.S.Shiyamsundar	45	45	53
5	Professional Elective-1 / Hospital Equipment Safety and Management/ U19BME42	Mr.K.Dhivakar	45	45	56
6	Open Elective- / Consumer Electronics1/ U19ECO42	Ms.V.Mohana	45	45	58
7	Programming in Java Laboratory/ U19BMP41	Mr. M. Shanmugam	30	30	33
8	Biosignal Processing using MATLAB/ U19BMP42	Mr R.Mohan	30	30	30
9	Integrated Circuits Laboratory/ U19BMP43	Ms.A.Kavinilavu	30	30	33

Semester : I

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Engineering Mathematics – I Calculus and Linear Algebra/ U20BST101	Dr.K.Kamala	60	60	62
2	Biophysics and Biochemistry /U20BST110	Mr R.Mohan	45	45	56
3	Human Anatomy and Physiology/ U20BST111	Ms.A.Kavinilavu	45	45	54

4	Basic Electrical Circuits /U20EST132	Mr.K.Prabhakaran	60	60	64
5	Fundamentals of Civil and Mechanical Engineering/ U20EST103	Mr.S.Azhagarsamy/ Mr.S.Prakash	60	60	66
6	Biochemistry and Human Physiology Laboratory/ U20BSP112	Mr R.Mohan	30	30	33
7	Basic Electrical Circuits Laboratory/ U20ESP133	Mr.K.Prabhakaran	30	30	33
8	Engineering Graphics using AutoCAD/ U20ESP112	Mr.G.Senthilraj	30	30	30

3.2 Use of ICT Tools in Teaching Learning

Semester: III

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mrs.B.Kavitha	Numerical Methods/U19BMT31	PPT& Video Lecture
2	Mr.N.Gopinath	Data Structures/U19BMT32	PPT& Video Lecture
3	Dr.A.Vijayalakshmi	Electron Devices and Circuits/ U19BMT33	PPT& Video Lecture
4	Ms.V.Mohana	Biosensors and Transducers/ U19BMT34	PPT& Video Lecture
5	Mr.R.S.Shiyamsundar	Human Anatomy and Physiology/U19BMT35	PPT& Video Lecture
6	Mr.K.Dhivakar	Biosignals and systems/ U19BMT36	PPT& Video Lecture
7	Mr.N.Gopinath	Data Structures Laboratory/ U19BMP31	Program Simulation
8	Dr.A.Vijayalakshmi	Electron Devices and Circuits Laboratory/ U19BMP32	Virtual Lab Simulation & Video demonstration
9	Ms.V.Mohana	Biosensors and Transducers Laboratory/ U19BMP33	PPT& Video demonstration

Semester: IV

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Dr.K.Kamala	Probability and Queuing theory/ U19BMT41	PPT& Video Lecture
2	Mr.M.Shanmugam	Programming in JAVA/ U19BMT42	PPT& Video Lecture
3	Ms.A.Kavinilavu	Bio Signal Processing/ U19BMT43	PPT& Video Lecture

4	Mr.R.S.Shiyamsundar	Analog and digital integrated circuits/ U19BMT44	PPT& Video Lecture
5	Mr.K.Dhivakar	Professional Elective-1 / Hospital Equipment Safety and Management/ U19BME42	PPT& Video Lecture
6	Ms.V.Mohana	Open Elective- / Consumer Electronics1/ U19ECO42	PPT& Video Lecture
7	Mr. M. Shanmugam	Programming in Java Laboratory/ U19BMP41	Program Simulation
8	Mr R.Mohan	Biosignal Processing using MATLAB/ U19BMP42	Simulink, Pspice Simulation
9	Ms.A.Kavinilavu	Integrated Circuits Laboratory/ U19BMP43	Virtual lab Simulation, Every circuit Simulation

Semester : I

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Dr.K.Kamala	Engineering Mathematics – I Calculus and Linear Algebra/ U20BST101	PPT& Video Lecture
2	Mr R.Mohan	Biophysics and Biochemistry /U20BST110	PPT& Video Lecture
3	Ms.A.Kavinilavu	Human Anatomy and Physiology/ U20BST111	PPT& Video Lecture
4	Mr.K.Prabhakaran	Basic Electrical Circuits /U20EST132	PPT& Video Lecture
5	Mr.S.Azhagarsamy/ Mr.S.Prakash	Fundamentals of Civil and Mechanical Engineering/ U20EST103	PPT& Video Lecture
6	Mr R.Mohan	Biochemistry and Human Physiology Laboratory/ U20BSP112	PPT& Video demonstration
7	Mr.K.Prabhakaran	Basic Electrical Circuits Laboratory/ U20ESP133	PPT& Video demonstration
8	Mr.G.Senthilraj	Engineering Graphics using AutoCAD/ U20ESP112	CAD Design

3.3 List of Expert Lectures / Workshop Conducted

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audiance
1	Recent Trends in Biomedical Engineering	Mr. S. AtheenaMilagiPandian, Managing Director,	27.08.2020	35

		AtheenaPandian PVT LTD, Tenkasi		
2	Applications of Biosensors in Healthcare	Dr.K.Venkatraman, Managing Director, BiovisionsPvt Ltd, Chennai	29.08.2020	35
3	Medical informatics in Drug Delivery	Ms.Deepika Princess, SCSA ZifoRnD Solutions, Chennai	11.09.2020	35
4	Design Aspects in Biomedical Instrumentation	Mr.S.Kumar Senior Manager TMI Systems Bangalore	25.09.2020	35
5	Scope and Career Opportunities for Biomedical Engineers	Dr.Muralidharbairy, Secretary, BMESI, MIT, Manipal	10.10.2020	35
6	Testing of Biomedical Electronic Components and Troubleshooting	Industrial workshop	04.02.2021	48
7	Human Pathology	Dr. R. Balakrishnaraja, Bannari Amman Institute of Technology, Erode	11.06.2021	48
8	Fermentation Technology	Dr. K. Rajaram, CSIR - CLRI, Chennai	12.06.2021	48

3.4 Activities for Slow and Advanced Learners

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1	Probability and Queuing theory/ U19BMT41	Dr.K.Kamala	Yes	6	Yes
2	Programming in JAVA/ U19BMT42	Mr.M.Shanmugam	Yes	5	Yes
3	Bio Signal Processing/ U19BMT43	Ms.A.Kavinilavu	Yes	6	Yes
4	Analog and digital integrated circuits/ U19BMT44	Mr.R.S.Shiyamsundar	Yes	5	Yes
5	Professional Elective-1 / Hospital Equipment Safety and Management/ U19BME42	Mr.K.Dhivakar	Yes	5	Yes

6	Open Elective- / Consumer Electronics1/ U19ECO42	Ms.V.Mohana	Yes	5	Yes

3.5 Counseling and Mentoring

S.No	Particular	Yes / No	Remarks (if any)
1	Mentor Allocation	Yes	
2	Class wise student Profile Record Maintained	Yes	
3	Mentor – Mentee Session Record Maintained	Yes	

No. of Students in Department	Number of Full Time Teachers in the Department	Mentor: Mentee Ratio
83	5	1:15

3.6 Internal Evaluation Systems

S.No	Particular	Yes / No	Remarks (if any)
1	Continuous Assessment Test Record	Yes	
2	Seminar / Project Review Record	No	
3	End Semester Examination Record	Yes	
4	Student Grade Report	Yes	

3.7 Learning Outcomes

S.No	Particular	Yes / No	Remarks (if any)
1	PO, PEO, PSO, CO are well stated	Yes	
2	Correlation of COs with POs and PSOs for each Course	Yes	
3	Course Outcome Attainment Calculated	Yes	**Mention the target: 55%**
4	PSO and PO attainment through CO	Yes	

3.8 Student Performance in End Semester Examination

Semester – III

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	35	
2	Number of All Clear Students	20	
3	Number of Students passed with Distinction	1	
4	Number of Students passed with First Class	19	
5	Number of Students passed with Second Class	NIL	
6	Number of Students Failed	15	
7	Passing Percentage	57.14%	

Semester – IV

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	35	
2	Number of All Clear Students	33	
3	Number of Students passed with Distinction	3	

4	Number of Students passed with First Class	30	
5	Number of Students passed with Second Class	NIL	
6	Number of Students Failed	2	
7	Passing Percentage	94.28%	

Semester – I

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	48	
2	Number of All Clear Students	48	
3	Number of Students passed with Distinction	03	
4	Number of Students passed with First Class	45	
5	Number of Students passed with Second Class	NIL	
6	Number of Students Failed	NIL	
7	Passing Percentage	100%	

SECTION – IV: STRUCTURED FEEDBACK

S.No	Particular	Yes / No	Number of Feedback Collected	Remarks (if any)
1	Student Feedback on Teaching and Learning conducted with action taken report	Yes	10	
2	Parent Meet / Parent Feedback on Teaching conducted with action taken report	Yes	10	
3	Student Exit Survey conducted and Analysed	–	–	
4	Alumni Feedback conducted and Analysed	–	–	

SECTION – V : RESEARCH, INNOVATION AND PUBLICATIONS

5.1 Research Grants, Projects completed and ongoing from various Funding Agencies

S.No	Principle Investigator	Title of Project / Grants	Funding Agency	Amount (Rs. in Lakhs)	Duration of the project
1	-	-	-	-	-

5.2 Consultancy Works

S.No	Name of the Faculty	Nature of Consultancy	Funding Agency	Fund Generated	Duration of the Consultancy
1	-	-	-	-	-

5.3 Faculty Publications

Publication Details (Last Four Years)

Sr. No	Academic Year	Papers Published in peer reviewed Journals	Scopus, Web of Science Indexing Papers	Total Number of Citations	h-index	Impact Factor range / Average Imapact Factos
1	2017-18	2	1	4	29	
2	2018-19	4	3	-		
3	2019-20	4	1	1		
4	2020-21	3	2	1		

Publication Details for Academic Year consider for Auditing

Number of Publication in National Journals	-
Number of Publication in International Journals	3
Number of Publication in National Conferences	-
Number of Publication in International Conferences	-
Number of Books / Book Chapters	-
Number of Patent (Filed)	2
Number of Patents Granted	-

National Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	ISBN / ISSN
1	-	-	-	-

International Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	Vol, issue, pp, ISBN/ISSN	Indexing
1	"Smart Home Security System Using Alexa	A.Vijayalakshmi	Journal of Critical Reviews	2020	Scopus
2	Low Power Resource Efficient Ternary Content Addressable Memory Using Multiport SRAM	A.Vijayalakshmi	International Journal of Future Generation Communication and Networking	2020	Web of Science
3	Collaborating Intelligent Mobile Agents Based Wireless Sensor Network Optimization and Security Enhancement	A.Vijayalakshmi	Sensor Letters	2019	Scopus
4	Power Distribution Line Breakage Identification and Alerting System	A.Vijayalakshmi	International Journal of Scientific Research and Review	2019	
5	Automatic Traffic Light Control System and Stolen Vehicle Detection	A.Vijayalakshmi	International Journal of Modern Electronics and Communication	Volume 7, Issue 1, pp. 29-32 - 2018	

6	Remote Monitoring System Using MQTT Protocol	A.Vijayalakshmi	International Journal of Pure and Applied Mathematics	Volume 119, No. 14, pp.1633-1639,2018	Scopus
7	Thermal Fire Sensing Robot	A.Vijayalakshmi	Journal of Emerging Technologies and Innovative Research	Volume 5, Issue 11, November 2018	
8	Intelligent Mobile Agents Collaboration for the Performance Enhancement in Wireless Sensor Networks	A.Vijayalakshmi	International journal of Signal and Imaging Systems Engineering	Vol. 10, Nos. ½ 2017	Scopus
9	Pressure Measurement For Vacuum Motor in Automated Teller Machine Dispenser	A.Vijayalakshmi	International Journal of Research in Engineering and Technology	Vol. 6, pp.17-21	
10	Fe0 catalyzed photo-Fenton process to detoxify the biodegraded products of azo dye Mordant Yellow 10	S. Senthil Kumar	International Journal of Environmental Pollution & SCOPUS / 29684875	0045-6535 & 26/02/2018 # **20**	Scopus
11	Toxicoproteomics analysis of human lung epithelial cells exposed to steel industry ambient particulate matter (PM) reveals possible mechanism of PM related carcinogenesis	S. Senthil Kumar	International Journal of Environmental Research and Public Health & SCOPUS / 31284452	0269-7491 & 09/04/2018 # **21**	Scopus
12	Morin Protects Human Respiratory Cells from PM2.5 Induced Genotoxicity by Mitigating ROS and Reverting Altered miRNA Expression	S. Senthil Kumar	International Journal of Pharmaceutics	1660-4601 & 05/07/2019 # **11**	

13	Starfish tissue extract fractions Induce apoptosis through the mitochondrial pathway and caspase 3 activation in human carcinoma KB cells	S. Senthil Kumar	International Journal of Pharmaceutics	0378-5173 & Ijpharm/45200 December 2021 Accepted	

National Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
1	-	-	-	-	-	-

International Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
1	-	-	-	-	-	-

Books / Book Chapters

S.No	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
1	-	-	-	-

Patent

S. No	Name of the Applicant (s)	Name of the Inventor (s)	Title	Application No. & Patent Filed Date	Coun try	Current Status
1	Dr.A.Vijayalakshmi Mr.N.Shankar Mr.R.S.Shiyam Sundar	Dr.A.Vijaya lakshmi	Smart Bed for Physiological Parameter Measurements	202041040791	India	Published
2	Dr.D.Jagadiswary	Dr.A.Vijaya lakshmi	Data Authentication and Security in ATM System	202041050321 A	India	Published

SECTION – VI: COLLABORATIONS AND LINKAGES

6.1 Student Internships

S.No	Name of the Student	Name of the Sponsored Industry / Research Institute / Partnering Institution	About Internship		
			Duration	From date	To date
1	-	-	-	-	-

6.2 Sponsored / Industry Projects

S.No	Project Title	Name of the Student/s	Name of the Sponsored Industry / Research Institute / Partnering Institution	Duration of the Project (Months)
1	-	-	-	-

6.3 Industrial Visits

S.No	Name of the Industry / Company / Research Institute	Date of Visit	Target Audience	Number of Students Participated
1	-	-	-	-

6.4 Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
1	Biomedical Engineering Society of India	25.09.2020	Guest lecture, Seminar and Workshop	Lifetime

SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	Not Applicable
Number of Students opted Higher Studies	Not Applicable
Number of Entrepreneur	Not Applicable

7.1 Placements

S.No	Name of the Student	Name of the Company	Salary Package (per annum)
1	Not Applicable	-	-

7.2 Higher Studies

S.No	Name of the Student	Name of the Institution	Name of Program admitted to
1	Not Applicable	-	-

7.3 Entrepreneur

S.No	Name of the Student	Name of the Company	Nature of Company	Location / Address
1	Not Applicable	-	-	-

SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT

8.1 Technical Event / Workshop for Student

S.No	Name of the Event / Workshop	Organized under(Department / Student Association/ Profession Chapter / Student Club)	Date of Event	Level (State / National / International)	No. of Participants
1	Demonstration of Biomedical Instrumentation	Biomedical engineering society of India	11.12.2020	National	83
2	Testing of Biomedical Electronic Components and trouble shooting	Biomedical engineering society of India	04.03.2021	National	83
3	Industrial View of biomedical Engineering	Biomedical engineering society of India	11.03.2021	National	83

8.2 FDP /Workshop / STTP / Conference for Faculty

S.No	Name of the Event / Workshop	Organized under(Department / Student Association/ Profession Chapter)	Date of Event	Level (State / National / International)	No. of Participants
1	Recent Trends in Biomedical Engineering	Biomedical engineering society of India	27.08.2020	National	5
2	Applications of Biosensors in Healthcare	Biomedical engineering society of India	29.08.2020	National	4
3	Medical informatics in Drug Delivery	Biomedical engineering society of India	11.09.2020	National	5
4	Design Aspects in Biomedical Instrumentation	Biomedical engineering society of India	25.09.2020	National	3
5	Scope and Career Opportunities for Biomedical Engineers	Biomedical engineering society of India	10.10.2020	National	4
6	Demonstration of Biomedical Instrumentation	Biomedical engineering society of India	11.12.2020	National	3
7	Testing of Biomedical Electronic Components and Troubleshooting	Biomedical engineering society of India	04.02.2021	National	5

8	Testing of Biomedical Electronic Components and trouble shooting	Biomedical engineering society of India	04.03.2021	National	3
9	Industrial View of biomedical Engineering	Biomedical engineering society of India	11.03.2021	National	4
10	Human Pathology	Biomedical engineering society of India	11.06.2021	National	4
11	Fermentation Technology	Biomedical engineering society of India	12.06.2021	National	3

SECTION – IX: ACHIEVEMENTS

9.1 Awards and Prizes Received by Students

S.No	Name of the Student	Event Name / Details	Organized by	Achievement / Position / Prizes
1	-	-	-	-

9.2 Participation of teachers in various activities as a Members of Committees at University Level / State Level / National Level / International Level bodies

S.No	Name of the Faculty	Members of Committees at University Level / State Level / National Level / International Level as
1	-	-

9.3 Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers

S.No	Name of the Faculty	Name of Editorial Boards / Conferences
1	-	-

9.4 Awards / Prizes and Recognitions received by teachers at University, State, National and International Level

S.No	Name of the Faculty	Name of Awards / Recognition
1	-	-

9.5 Details of Faculty participated in Refresher Courses, Orientation Courses, Seminars, Workshops, Conferences at National and International Level

S. No	Name of the Faculty	FDP /STTP /Workshop /Conference Title	Organized by	Duration (Days)
1	A.Vijayalakshmi	Recent advances in VLSI &Embedded Systems (RAVDES - 2020)	Koneru lakshmaiah Education Foundation	14.09.2020 to 19.09.2020
2	A.Vijayalakshmi	Roles of Teacher in Enhancing the Quality of Technical Education	Global Institute of Engineering and Technology	26.09.2020 to 27.09.2020

3	A.Vijayalakshmi	Augumented Reality (AR)/Virtual Reality (VR)	Gandhi institute of technology and Management gitam off campus bengaluru	23.11.2020 to 27.11.2020
4	A.Vijayalakshmi	Sensors Technology	S.R. M Institute of Science and Technology	04.01.2021 to 08.1.2021
5	A.Vijayalakshmi	AI Inspired Control,Design and cyber security of converted based power systems	PDH IEEE Continuing Education	24.09.2020
6	A.Vijayalakshmi	Aritifical Intelligence	National Institute of Technology Puducherry	21.09.2020 to 25.09.2020
7	A.Vijayalakshmi	Cybersecurity and the Internet of Things	Kennesaw state university	28.06.2020
8	A.Vijayalakshmi	Digital Teaching Techniques	ICT Academy	27.07.2020 to 01.08.2020
9	A.Vijayalakshmi	Effective Remote Teaching & Learning : Tools and Techniques	Pondicherry University	27.07.2020 to 01.08.2020
10	A.Vijayalakshmi	Recent Trends in Technology and Teaching Learning Methodology	SAGE University Indore	09.07.2020 to 11.07.2020
11	A.Vijayalakshmi	Advanced Communication Engineering	St.Joseph's institute of Technology	22.07.2020 to 24.07.2020
12	A.Vijayalakshmi	Wearable Devices	G.Narayanamma Institute of technology and science	01.02.2021 to 05.02.2021
13	R.S.ShiyamSundar	Programming for Everybody (Getting Started with Python)	University of Michigan	9.09.2020
14	R.S.ShiyamSundar	Flexible and Wearable Antennas: Recent Advancements. Fabrication Techniques and Application	National Institute of Technical Teachers Training and Research.	12.10.2020 to 16.10.2020
15	R.S.ShiyamSundar	Design thinking	Sri Manakula Vinayagar Engineering College.	08.11.2020 to 12.11.2020
16	R.S.ShiyamSundar	Industry Academia Interactions: Bridging the Gap	Sri Manakula Vinayagar Engineering College.	10.09.2020 to 12.09.2020
17	R.S.ShiyamSundar	Pervasive Sensing enables Proactive Decision Making by transforming data in to analysis	VESIT - IIC (Institution Innovation Council)	28.07.2020
18	R.S.ShiyamSundar	Introduction to Deep Learning	Sri Manakula Vinayagar Engineering College.	21.08.2020 to 23.08.2020

19	R.S.ShiyamSundar	Digital Teaching Techniques	ICT Academy	27.07.2020 to 01.08.2020
20	R.S.ShiyamSundar	Steam processing using Kafka	VESIT - IIC (Institution Innovation Council)	29.07.2020

Declaration by HoD

I am aware that the above information provided by the department will be validated by the Academic and Administrative Audit (AAA) committee during the visit

Head of the Department
Dr.A.Vijayalakshmi

Recommendations:

Section	Remarks
Curricular Aspects	
Teaching, Learning and Evaluation	
Structured Feedback	
Research, Innovation and Publications	
Collaborations and Linkages	Need more focus on industry oriented projects and MoU
Student Progression	
Activity Conducted / Organized by the Department	
Achievements	
General Remarks	

Signature of the External Academic Audit Experts

Dr.M.Karthikeyan
Professor
Department of Mechanical Engineering
RajaRajeswari College of Engineering
Mysore
Bangalore

Dr.R.Baskaran
Professor
Department of Industrial Engineering
CEG
Anna University

ACADEMIC AND ADMINISTRATIVE AUDIT

DEPARTMENT OF

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

ACADEMIC AND ADMINISTRATIVE AUDIT

(Academic Year 2020-2021)

SECTION –1 : BASIC INFORMATION

Audit Date	19.11.2021	
Name of the Department	B.Tech(Artificial Intelligence and Data Science)	
Year of Establishment	15.06.2020	
Programs Offered	Name of the Program: B.Tech(Artificial Intelligence and Data Science) — Approved Intake: 60	
Head of the Department	Dr. J.MADHUSUDANAN	
Number of full time Teachers	Professor	1
	Associate Professor	1
	Assistant Professor	2
Number of Technical Staff		
Number of Students	For B.Tech: Year 1 – 53; Year 2 – -; Year 3 – -; Year 4 – -; Total – -	For M.Tech: First Year – -; Second Year – -; Total – -
Faculty Student Ratio	1:15	

SECTION –2 : CURRICULAR ASPECTS

2.1 Academic Plan

S.No	Particular	Available (Yes / No)	Remarks
1	Department Academic Calendar	Yes	
2	Faculty Subject Preferences	Yes	
3	Elective choices from the Students	No	
4	Course allotment to the Faculty	Yes	
5	Time Table (UG and PG)	Yes (UG)	
6	Lesson plan for each Course	Yes	

2.2 Participation of the Faculty in the Curriculum development for courses offered in UG and PG programs

S.No	Name of the Faculty	Participated as	Course	Year / Sem
1.	Dr. J.MADHUSUDANAN	Board Chairman	UG courses	UG all years
2.	Dr.M.AUXILIA	Subject Expert member	UG courses	UG all years
3.	K.PRAGASH	Subject Expert member	UG courses	UG all years
4.	R.RAJAN	Subject Expert member	UG courses	UG all years

2.3 List of Professional Elective Courses offered by the department

S.No	Year / Sem	Name of the Elective Course	Course Code	Number of Students Registered
NIL				

2.4 List of Open Elective Courses offered by Other department

S.No	Year / Sem	Offering Department	Name of the Elective Course	Course Code	Number of Students Registered
NIL					

2.5 List of Skill Development Courses offered by the department

S.No	Year / Sem	Name of the Skill Development Course	Course Code	Number of Students Registered
1.	I / II	SDC 1- APTITUDE - I	U20ADS201	53

2.6 List of Certification Courses offered by the department

S.No	Year / Sem	Name of the Certification Course	Course Code	Number of Students Registered
1.	I / I	Web Programming - I	U20ADC190	53
2.	I / II	Web Programming - II	U20ADC291	53

2.7 List of Mandatory Courses offered by the department

S.No	Year / Sem	Name of the Mandatory Course	Course Code	Number of Students Registered
1.	I / I	Induction Program	U20ADM101	53
2.	I / II	Environmental Science	U20ADM202	53

SECTION –3: TEACHING, LEARNING AND EVALUATION

3.1 Course Delivery

Semester :

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
I YEAR / I SEM					
1.	Engineering Mathematics – I Calculus and Linear Algebra / U20BST101	Mr.S.Kalaiselvan	60	60	60
2.	Basic Electrical and Electronics Engineering / U20EST117	Ms.N.Swarnalakshmi	45	45	52
3.	Digital System Design / U20EST125	Dr.K.Kishore Anthuvan Sahayaraj	45	45	50
4.	Computer Programming – I (Programming In C) / U20EST127	Dr.J.Madhusudanan	45	45	50
5.	Fundamental of Data Science / U20ADT101	Dr.V.Vijayalakshmi	45	45	50
6.	Digital System Design Laboratory / U20ESP126	Dr.K.Kishore Anthuvan Sahayaraj	30	30	33
7.	Computer Programming - I Laboratory (Programming in C) / U20ESP128	Dr.J.Madhusudanan	30	30	30
8.	Fundamental of Data Science Laboratory / U20ADP101	Dr.V.Vijayalakshmi	30	30	33
I YEAR / II SEM					
9.	Engineering Mathematics – II (Multiple Integrals and Transforms) / U20BST215	Mr.S.Kalaiselvan	60	60	62
10.	Computer	Mr. R.Rajan	45	45	55

	Programming – II (Programming in Python) / U20EST243				
11.	Data Structure and Applications / U20EST245	Dr.J.Madhusudanan	45	45	52
12.	Object Oriented Programming / U20EST247	Dr.M.Auxilia	45	45	55
13.	Computer and Communication Networks / U20EST248	Mr. R.Rajan	45	45	54
14.	Database Management Systems / U20ADT202	Dr.M.Auxilia	45	45	52
15.	Computer Programming – II Laboratory (Programming in Python) / U20ESP244	Mr. R.Rajan	30	30	30
16.	Data Structure and Applications Laboratory / U20ESP246	Dr.J.Madhusudanan	30	30	30
17.	Database Management Systems Laboratory / U20ADP202	Dr.M.Auxilia	30	30	30

3.2 Use of ICT Tools in Teaching Learning

Semester:

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
I YEAR / I SEM			
1.	Mr.S.Kalaiselvan	Engineering Mathematics – I Calculus and Linear Algebra	PPT /lecture videos
2.	Ms.N.Swarnalakshmi	Basic Electrical and Electronics Engineering	PPT /lecture videos/animated videos
3.	Dr.K.Kishore Anthuvan Sahayaraj	Digital System Design	PPT /lecture videos/animated videos
4.	Dr.J.Madhusudanan	Computer Programming – I (Programming In C)	PPT /lecture videos/animated videos
5.	Dr.V.Vijayalakshmi	Fundamental of Data Science	PPT /lecture videos/animated videos
I YEAR / II SEM			

6.	Mr.S.Kalaiselvan	Engineering Mathematics – II (Multiple Integrals and Transforms)	PPT /lecture videos
7.	Mr. R.Rajan	Computer Programming – II (Programming in Python)	PPT /lecture videos/animated videos
8.	Dr.J.Madhusudanan	Data Structure and Applications	PPT /lecture videos/animated videos
9.	Dr.M.Auxilia	Object Oriented Programming	PPT /lecture videos/animated videos
10.	Mr. R.Rajan	Computer and Communication Networks	PPT /lecture videos/animated videos
11.	Dr.M.Auxilia	Database Management Systems	PPT /lecture videos/animated videos

3.3 List of Expert Lectures / Workshop Conducted

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audiance
1	Problem Solving	Dr.V.Prasanna Venkatesan	08.04.2021	53

3.4 Activities for Slow and Advanced Learners

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
I YEAR / I SEM					
1.	Engineering Mathematics – I Calculus and Linear Algebra	Mr.S.Kalaiselvan	Yes	10	Yes
2.	Basic Electrical and Electronics Engineering	Ms.N.Swarnalakshmi	Yes	10	Yes
3.	Digital System Design	Dr.K.Kishore Anthuvan Sahayaraj	Yes	10	Yes
4.	Computer Programming – I (Programming In C)	Dr.J.Madhusudanan	Yes	10	Yes
5.	Fundamental of Data Science	Dr.V.Vijayalakshmi	Yes	10	Yes
I YEAR / II SEM					
6.	Engineering Mathematics – II (Multiple Integrals and Transforms)	Mr.S.Kalaiselvan	Yes	10	Yes
7.	Computer	Mr. R.Rajan	Yes	10	Yes

	Programming – II (Programming in Python)				
8.	Data Structure and Applications	Dr.J.Madhusudanan	Yes	10	Yes
9.	Object Oriented Programming	Dr.M.Auxilia	Yes	10	Yes
10.	Computer and Communication Networks	Mr. R.Rajan	Yes	10	Yes
11.	Database Management Systems	Dr.M.Auxilia	Yes	10	Yes

3.5 Counseling and Mentoring

S.No	Particular	Yes / No	Remarks (if any)
1	Mentor Allocation	Yes	-
2	Class wise student Profile Record Maintained	Yes	-
3	Mentor – Mentee Session Record Maintained	Yes	-

No. of Students in Department	Number of Full Time Teachers in the Department	Mentor : Mentee Ratio
53	4	1 :15

3.6 Internal Evaluation Systems

S.No	Particular	Yes / No	Remarks (if any)
1	Continuous Assessment Test Record	Yes	–
2	Seminar / Project Review Record	NIL	–
3	End Semester Examination Record	Yes	–
4	Student Grade Report	Yes	–

3.7 Learning Outcomes

S.No	Particular	Yes / No	Remarks (if any)
1	PO, PEO, PSO, CO are well stated	Yes	-
2	Correlation of COs with POs and PSOs for each Course	Yes	-
3	Course Outcome Attainment Calculated	Yes	**Mention the target: 3** **Benchmark:** Level 1 --→70% and above of university average pass percentage Level 2 --→75% and above of university average pass percentage Level 3 --→80% and above of university average pass percentage **Target: Level 3**
4	PSO and PO attainment through CO	Yes	-

3.8 Student Performance in End Semester Examination

Semester – I (Batch 2020 – 2024)

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	53	-
2	Number of All Clear Students	51	-
3	Number of Students passed with Distinction	28	-
4	Number of Students passed with First Class	23	-
5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	02	-
7	Passing Percentage	96.23	-

Semester – II (Batch 2020 – 2024)

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	53	-
2	Number of All Clear Students	48	-
3	Number of Students passed with Distinction	08	-
4	Number of Students passed with First Class	43	-
5	Number of Students passed with Second Class	02	-
6	Number of Students Failed	05	-
7	Passing Percentage	91	-

SECTION – IV : STRUCTURED FEEDBACK

S.No	Particular	Yes / No	Number of Feedback Collected	Remarks (if any)
1	Student Feedback on Teaching and Learning conducted with action taken report	Yes	53	-
2	Parent Meet / Parent Feedback on Teaching conducted with action taken report	Yes	25	-
3	Student Exit Survey conducted and Analysed	-	-	-
4	Alumni Feedback conducted and Analysed	-	-	-

SECTION – V : RESEARCH, INNOVATION AND PUBLICATIONS

5.1 Research Grants, Projects completed and ongoing from various Funding Agencies

S.No	Principle Investigator	Title of Project / Grants	Funding Agency	Amount (Rs. in Lakhs)	Duration of the project
NIL					

5.2 Consultancy Works

S.No	Name of the Faculty	Nature of Consultancy	Funding Agency	Fund Generated	Duration of the Consutancy
NIL					

5.3 Faculty Publications

Publication Details (Last Four Years)

Sr. No	Academic Year	Papers Published in peer reviewed Journals	Scopus, Web of Science Indexing Papers	Total Number of Citations	h-index	Impact Factor range / Average Imapact Factos
NIL						

Publication Details for Academic Year consider for Auditing

Number of Publication in National Journals	-
Number of Publication in International Journals	1
Number of Publication in National Conferences	-
Number of Publication in International Conferences	1
Number of Books / Book Chapters	1
Number of Patent (Filed)	-
Number of Patents Granted	-

National Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	ISBN / ISSN
NIL				

International Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	Vol, issue, pp, ISBN/ISSN	Indexing
1.	Taxonomy Creation Using Natural Language Processing	Dr. J.Madhusudanan	Journal of Xidian University	Volume 14, Issue 6, 2255-2260 June 2020	-

National Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
NIL						

International Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
1.	A Novel Secure Data Processing Mechanism in IoT Using Deep Learning with Ontology	M.Auxilia, K.Raja, K. Kannan, A. Rajakumar		International Conference on Computing and Communication Networks		Springer Lecture Notes in Networks and Systemson 19th -20th November 2021

Books / Book Chapters

S.No	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
1.	Privacy and Security Challenges in Location Aware Computing	Dr. J.Madhusudanan	ISBN13: 9781799877561	IGI Global publisher

Patent

S.No	Name of the Applicant (s)	Name of the Inventor (s)	Title	Application No. & Patent Filed Date	Country	Current Status
NIL						

SECTION – VI: COLLABORATIONS AND LINKAGES

6.1 Student Internships

S.No	Name of the Student	Name of the Sponsored Industry / Research Institute / Partnering Institution	About Internship		
			Duration	From date	To date
NIL					

6.2 Sponsored / Industry Projects

S.No	Project Title	Name of the Student/s	Name of the Sponsored Industry / Research Institute / Partnering Institution	Duration of the Project (Months)
NIL				

6.3 Industrial Visits

S.No	Name of the Industry / Company / Research Institute	Date of Visit	Target Audience	Number of Students Participated
NIL				

6.4 Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry /	Date of	Purpose	Duration

	Company / Research Institute	Commencement		
NIL				

SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	-
Number of Students opted Higher Studies	-
Number of Entrepreneur	-

7.1 Placements

S.No	Name of the Student	Name of the Company	Salary Package (per annum)
NIL			

7.2 Higher Studies

S.No	Name of the Student	Name of the Institution	Name of Program admitted to
NIL			

7.3 Entrepreneur

S.No	Name of the Student	Name of the Company	Nature of Company	Location / Address
NIL				

SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT

8.1 Technical Event / Workshop for Student

8.2

S.No	Name of the Event / Workshop	Organized under(Department / Student Association/ Profession Chapter / Student Club)	Date of Event	Level (State / National / International)	No. of Participants
NIL					

8.3 FDP /Workshop / STTP / Conference for Faculty

8.4

S.No	Name of the Event / Workshop	Organized under(Department / Student Association/ Profession Chapter)	Date of Event	Level (State / National / International)	No. of Participants
NIL					

SECTION – IX: ACHIEVEMENTS

9.1 Awards and Prizes Received by Students

S.No	Name of the Student	Event Name / Details	Organized by	Achievement / Position / Prizes
1.	Gokul Prasath Ragul S Hari Guptha	National Level Virtual Hackathon	Bannari Amman Institute of Technology	First Place

9.2 Participation of teachers in various activities as a Members of Committees at University Level / State Level / National Level / International Level bodies

S.No	Name of the Faculty	Members of Committees at University Level / State Level / National Level / International Level as
1.	Dr. J.Madhusudanan	Board Chairman
2.	Dr.M.Auxilia	Subject Expert member
3.	K.Pragash	Subject Expert member
4.	R.Rajan	Subject Expert member

9.3 Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers

S.No	Name of the Faculty	Name of Editorial Boards / Conferences
NIL		

9.4 Awards / Prizes and Recognitions received by teachers at University, State, National and International Level

S.No	Name of the Faculty	Name of Awards / Recognition
NIL		

9.5 Details of Faculty participated in Refresher Courses, Orientation Courses, Seminars, Workshops, Conferences at National and International Level

S.No	Name of the Faculty	FDP /STTP /Workshop /Conference Title	Organized by	Duration (Days)
1.	Dr. J.Madhusudanan	Artificial Intelligence and Machine Learning	ISTE and BNY Mellon	23.12.2020 to 24.02.2021

Declaration by HoD

I am aware that the above information provided by the department will be validated by the Academic and Administrative Audit (AAA) committee during the visit

Head of the Department

Recommendations

Section	Remarks
Curricular Aspects	Encourage the integration of interdisciplinary components within the curriculum to enrich students' comprehensive grasp and flexibility in response to dynamic industry demands.
Teaching, Learning and Evaluation	Recommend integrating interactive teaching methodologies and technology to enhance student engagement and facilitate a dynamic learning process within the framework of Teaching, Learning, and Evaluation
Research, Innovation and Publications	Encourage to strengthening partnerships with industry collaborators and motivating faculty participation in research activities to drive greater visibility and influence within Research, Innovation, and Publications
Activity Conducted / Organized by the Department	Encourage diversifying the range of organized activities to encompass a broader spectrum of student interests and talents, fostering a more inclusive and vibrant extracurricular environment.
Achievements	Recommend enhancing the recognition and display of departmental accomplishments in order to elevate morale and instill a feeling of pride among students, teachers, and the wider community.
General Remarks	Implementing quality assurance measures, conducting regular external benchmarking, and establishing a framework for continuous improvement to enhance the department

Signature of the External Academic Audit Experts

Dr.M.Karthikeyan
Professor
Department of Mechanical Engineering
RajaRajeswari College of Engineering
Mysore Road, Bangalore - 560074

Dr.R.Baskaran
Professor
Department of Industrial Engineering
CEG Campus
Anna University

ACADEMIC AND ADMINISTRATIVE AUDIT

DEPARTMENT OF

COMPUTER SCIENCE AND BUSINESS SYSTEMS

ACADEMIC AND ADMINISTRATIVE AUDIT

(Academic Year 2020-2021)

SECTION –1: BASIC INFORMATION

Audit Date	19.11.2021	
Name of the Department	B.Tech - Computer Science and Business Systems	
Year of Establishment	2020	
Programs Offered	Name of the Program: B.Tech (Computer Science and Business Systems) — Approved Intake: 60	
Head of the Department	**Dr.G. Shanmugasundaram, Associate Professor**	
Number of full time Teachers	Professor	-
	Associate Professor	**1**
	Assistant Professor	**6**
Number of Technical Staff		
Number of Students	For B.Tech: Year 1: **53**; Year 2: -; Year 3: -; Year 4: -; Total: **53**	For M.Tech: First Year: -; Second Year: -; Total:
Faculty Student Ratio	1:15	-

SECTION –2: CURRICULAR ASPECTS

2.1 Academic Plan

S.No	Particular	Available (Yes / No)	Remarks
1	Department Academic Calendar	**Yes**	Department follows the common academic calendar approved by the academic council and distributed through Dean Academics for the UG PG students
2	Faculty Subject Preferences	**Yes**	A common template is floated among the faculty members to collect their subject preferences and attached
3	Elective choices from the Students	-	-
4	Course allotment to the Faculty	**Yes**	Course Allotted to the faculty on basis of their course preferences
5	Time Table (UG and PG)	**Yes**	Follows and adheres to

			all aspects as per AICTE and institution recommendation
6	Lesson plan for each Course	**Yes**	Prepared in alignment with the academic calendar.

2.2 Participation of the Faculty in the Curriculum development for courses offered in UG and PG programs

S.No	Name of the Faculty	Participated as	Course	Year / Sem
1	Dr.G. Shanmugasundaram	Head	Curriculum and syllabus framing (UG courses)	UG all years

2.3 List of Professional Elective Courses offered by the department

S.No	Year / Sem	Name of the Elective Course	Course Code	Number of Students Registered
NIL				

2.4 List of Open Elective Courses offered by Other department

S.No	Year / Sem	Offering Department	Name of the Elective Course	Course Code	Number of Students Registered
NIL					

2.5 List of Skill Development Courses offered by the department

S.No	Year / Sem	Name of the Skill Development Course	Course Code	Number of Students Registered
1	**I/II**	Python Programming	U20CBS201	**53**

2.6 List of Certification Courses offered by the department

S.No	Year / Sem	Name of the Certification Course	Course Code	Number of Students Registered
1	**I/I**	Web Programming-I	U20CBC190	**53**
2	**I/II**	Web Programming-II	U20CBC291	**53**

2.7 List of Mandatory Courses offered by the department

S.No	Year / Sem	Name of the Mandatory Course	Course Code	Number of Students Registered
1	**I/I**	Induction Program	U20CBM101	**53**
2	**I/II**	Environmental Science	U20CBM202	**53**

SECTION –3: TEACHING, LEARNING AND EVALUATION

3.1 Course Delivery

Semester: I&II

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
I YEAR / I SEM					
1	Business Communication & Value Science - I / U20HST101	Mrs. G. Namitha	60	60	60
2	Discrete Mathematics / U20BST102	Dr. T. Gayathri	45	45	52
3	Introductory Topics in Statistics and Probability U20BST103	Dr. B. Kanimozhi	45	45	50
4	Physics for Computing Science / U20BST113	Mrs. S. Geetha	45	45	50
5	Fundamentals of Computer Science / U20EST134	Dr. G. Shanmugasundaram	45	45	50
6	Principles of Electrical Engineering / U20EST136	Dr. M. Jayachandran	30	30	33
7	Physics for Computing Science Laboratory / U20BSP114	Mrs. S. Geetha	30	30	30
8	Fundamentals of Computer Science Laboratory / U20ESP135	Dr. G. Shanmugasundaram	30	30	33
9	Principles of Electrical Engineering Laboratory / U20ESP137	Dr. M. Jayachandran	30	30	33
I YEAR / II SEM					
1	Business Communication & Value Science – II / U20HST202	Mrs. G. Namitha	45	45	55
2	Fundamentals of Economics / U20HST203	Dr. A. Vinoth	45	45	52
3	Linear Algebra / U20BST216	Dr. K. Kamala	45	45	55
4	Statistical Methods / U20BST217	Dr. T. Poovaragavan	45	45	54
5	Principles of Electronics / U20EST251	Dr. S. Prem Kumar	45	45	52
6	Data Structures & Algorithms / U20CBT202	Dr. G. Shanmugasundaram	45	45	54
7	Statistical Methods Laboratory / U20BSP218	Dr. T. Poovaragavan	30	30	30
8	Principles of Electronics Laboratory / U20ESP252	Dr. S. Prem Kumar	30	30	33
9	Data Structures & Algorithms Laboratory / U20CBP201	Dr. G. Shanmugasundaram	30	30	33

3.2 Use of ICT Tools in Teaching Learning

Semester:

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
I YEAR / I SEM			
1	Mrs. G. Namitha	Business Communication & Value Science - I / U20HST101	PPT /lecture videos
2	Dr. T. Gayathri	Discrete Mathematics / U20BST102	PPT /lecture videos/animated

			videos
3	Dr. B. Kanimozhi	Introductory Topics in Statistics and Probability U20BST103	PPT /lecture videos/animated videos
4	Mrs. S. Geetha	Physics for Computing Science / U20BST113	PPT /lecture videos/animated videos
5	Dr. G. Shanmugasundaram	Fundamentals of Computer Science / U20EST134	PPT /lecture videos/animated videos
6	Dr. M. Jayachandran	Principles of Electrical Engineering / U20EST136	PPT /lecture videos/animated videos
I YEAR / II SEM			
1	Mrs. G. Namitha	Business Communication & Value Science – II / U20HST202	PPT /lecture videos/animated videos
2	Dr. A. Vinoth	Fundamentals of Economics / U20HST203	PPT /lecture videos/animated videos
3	Dr. K. Kamala	Linear Algebra / U20BST216	PPT /lecture videos/animated videos
4	Dr. T. Poovaragavan	Statistical Methods / U20BST217	PPT /lecture videos/animated videos
5	Dr. S. Prem Kumar	Principles of Electronics / U20EST251	PPT /lecture videos/animated videos
6	Dr. G. Shanmugasundaram	Data Structures & Algorithms / U20CBT202	PPT /lecture videos

3.3 List of Expert Lectures / Workshop Conducted

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
1	AI Chatbot without Programming	Mr.B. S. VENKATA REDDY	13.07.2020	53

3.4 Activities for Slow and Advanced Learners

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
I YEAR / I SEM					
1	Business Communication & Value Science - I / U20HST101	Mrs. G. Namitha	Yes	10	Yes
2	Discrete Mathematics / U20BST102	Dr. T. Gayathri	Yes	10	Yes
3	Introductory Topics in Statistics and Probability U20BST103	Dr. B. Kanimozhi	Yes	10	Yes
4	Physics for Computing Science / U20BST113	Mrs. S. Geetha	Yes	10	Yes
5	Fundamentals of Computer Science / U20EST134	Dr. G. Shanmugasundaram	Yes	10	Yes
6	Principles of Electrical Engineering / U20EST136	Dr. M. Jayachandran	Yes	10	Yes
I YEAR / II SEM					
1	Business Communication & Value Science – II / U20HST202	Mrs. G. Namitha	Yes	10	Yes
2	Fundamentals of Economics / U20HST203	Dr. A. Vinoth	Yes	10	Yes

3	Linear Algebra / U20BST216	Dr. K. Kamala	Yes	10	Yes
4	Statistical Methods / U20BST217	Dr. T. Poovaragavan	Yes	10	Yes
5	Principles of Electronics / U20EST251	Dr. S. Prem Kumar	Yes	10	Yes
6	Data Structures & Algorithms / U20CBT202	Dr. G. Shanmugasundaram	Yes	10	Yes

3.5 Counseling and Mentoring

S.No	Particular	Yes / No	Remarks (if any)
1	Mentor Allocation	**Yes**	-
2	Class wise student Profile Record Maintained	**Yes**	-
3	Mentor – Mentee Session Record Maintained	**Yes**	-

No. of Students in Department	Number of Full Time Teachers in the Department	Mentor : Mentee Ratio
53	7	1:15

3.6 Internal Evaluation Systems

S.No	Particular	Yes / No	Remarks (if any)
1	Continuous Assessment Test Record	**Yes**	-
2	Seminar / Project Review Record	**No**	-
3	End Semester Examination Record	**Yes**	-
4	Student Grade Report	**Yes**	-

3.7 Learning Outcomes

S.No	Particular	Yes / No	Remarks (if any)
1	PO, PEO, PSO, CO are well stated	**Yes**	-
2	Correlation of COs with POs and PSOs for each Course	**Yes**	-
3	Course Outcome Attainment Calculated	**Yes**	**Mention the target: 3** **Benchmark:** Level 1 --→70% and above of university average pass percentage Level 2 --→75% and above of university average pass percentage Level 3 --→80% and above of university average pass percentage **Target: Level 3**
4	PSO and PO attainment through CO	**Yes**	-

3.8 Student Performance in End Semester Examination

Semester – I (Batch 2020 – 2024)

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	53	-
2	Number of All Clear Students	52	-
3	Number of Students passed with Distinction	28	-
4	Number of Students passed with First Class	24	-
5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	01	-
7	Passing Percentage	**98%**	-

Semester – II (Batch 2020 – 2024)

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	53	-
2	Number of All Clear Students	48	-
3	Number of Students passed with Distinction	27	-
4	Number of Students passed with First Class	25	-
5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	5	-
7	Passing Percentage	90.5	-

SECTION – IV: STRUCTURED FEEDBACK

S.No	Particular	Yes / No	Number of Feedback Collected	Remarks (if any)
1	Student Feedback on Teaching and Learning conducted with action taken report	**Yes**	53	-
2	Parent Meet / Parent Feedback on Teaching conducted with action taken report	**Yes**	24	-
3	Student Exit Survey conducted and Analyzed	-	-	-
4	Alumni Feedback conducted and Analyzed	-	-	-

SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS

5.1 Research Grants, Projects completed and ongoing from various Funding Agencies

S.No	Principle Investigator	Title of Project / Grants	Funding Agency	Amount (Rs. in Lakhs)	Duration of the project
NIL					

5.2 Consultancy Works

S.No	Name of the Faculty	Nature of Consultancy	Funding Agency	Fund Generated	Duration of the Consultancy
NIL					

5.3 Faculty Publications

Publication Details (Last Four Years)

Sr. No	Academic Year	Papers Published in peer reviewed Journals	Scopus, Web of Science Indexing Papers	Total Number of Citations	h-index	Impact Factor range / Average Impact Factors
1	2020-2021	1	1			

Publication Details for Academic Year consider for Auditing

Number of Publication in National Journals	-
Number of Publication in International Journals	1
Number of Publication in National Conferences	-
Number of Publication in International Conferences	-
Number of Books / Book Chapters	-
Number of Patent (Filed)	4
Number of Patents Granted	-

National Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	ISBN / ISSN
NIL				

International Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	Vol, issue, pp, ISBN/ISSN	Indexing
1.	Traffic Density Estimation Techniques: A Comparative Study	G. Shanmugasundaram, N. Thilgavathi, P. Keerthana, R. Priyadarshini, I. Deepalakshmi	International Journal of Advanced Science and Technology	Vol. 29, No. 4, (2020), pp. 6018 – 6030, June 2020. ISSN: 2005-4238	Scopus

National Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
NIL						

International Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
NIL						

Books / Book Chapters

S.No	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
NIL				

Patent

S.No	Name of the Applicant (s)	Name of the Inventor (s)	Title	Application No. & Patent Filed Date	Country	Current Status
1	Dr.G.Shanmugasundaram	Dr.R.Raju, Dr.G.Shanmugasundaram, Mr.S.Balaji	End to End Food Safety and Quality Control System	202041036571/ 11.9.2020	INDIA	Published
2	Dr.R.Raju	Dr.R.Raju Dr.C.Punitha Devi Dr.S.Geetha Dr.T.Vigneswari Dr.G.Shanmugasundaram Mr.R.Saravanan Mr.S.Balaji Mrs.N.Kalaiselvi	IOT for Elderly Health Care	202041039291/ 18.9.2020	INDIA	Published
3	Mrs.N.Kalaiselvi	Mrs.N.Kalsiselvi, Dr.C.Punitha Devi, Dr.T.Vigneswari, Dr.R.Raju, Dr.G.Shanmugasundaram, Dr.S.Geetha, Mr.S.Balaji, Mrs. A. Sarkunavathi	Smart Security System-Theft Detection and Surveillance	202041044031/ 16.11.2020	INDIA	Published
4	Mr.S.Balaji	Mr.R.Saravanan, Mr.S.Balaji, Mr.R.Suresh, Mr.K.S.Seethaaman, Dr.R.Raju, Dr.G.Shanmugasundaram, Dr.C.PunithaDevi, Mrs.N.Kalaiselvi	Cass Based Secure Authentication System	202041044035/ 16.11.2020	INDIA	Published

SECTION – VI: COLLABORATIONS AND LINKAGES

6.1 Student Internships

S.No	Name of the Student	Name of the Sponsored Industry / Research Institute / Partnering Institution	About Internship		
			Duration	From date	To date
NIL					

6.2 Sponsored / Industry Projects

S.No	Project Title	Name of the Student/s	Name of the Sponsored Industry / Research Institute / Partnering Institution	Duration of the Project (Months)
NIL				

6.3 Industrial Visits

S.No	Name of the Industry / Company / Research Institute	Date of Visit	Target Audience	Number of Students Participated
NIL				

6.4 Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
1.	Ethnotech Academic Solutions	16.12.2020	Student Industrial training and Placements	12 Months

SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	-
Number of Students opted Higher Studies	-
Number of Entrepreneur	-

7.1 Placements

S.No	Name of the Student	Name of the Company	Salary Package (per annum)
NIL			

7.2 Higher Studies

S.No	Name of the Student	Name of the Institution	Name of Program admitted to
NIL			

7.3 Entrepreneur

S.No	Name of the Student	Name of the Company	Nature of Company	Location / Address
1				

SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT

8.1 Technical Event / Workshop for Student

S.No	Name of the Event / Workshop	Organized under(Department / Student Association/ Profession Chapter / Student Club)	Date of Event	Level (State / National / International)	No. of Participants
1.	Guest Lecture on Research Innovations in Science and Technology	Department	13.9.2020	State	100
2.	Workshop on Layers and Protocols	Department	16.9.2020	State	110
3.	Guest Lecture on Know how to find the dream	Department	11.9.2020	State	120
4.	Guest Lecture on British Council – IELTS Orientation	Department	23.9.2020	State	150
5.	Guest Lecture on Artificial Emotional Intelligence	Profession Chapter, ISTE	24.8.2020	State	137
6.	Workshop on Devops	Profession Chapter, IEEE	29.10.2020, 30.10.2020	State	150
7.	Guest Lecture on Application of Numerical Methods for Engineers	Department	28.11.2020	State	161
8.	Guest Lecture on Web Technology-Rest APIs	Department	24.4.2021	State	100
9.	Guest Lecture on Scrum Methodology	Profession Chapter, ISTE	27.4.2021	State	150
10.	Workshop on Angular JS from Scratch to Development	Department	29.4.2021-13.4.2021	State	150
11.	Guest Lecture on OOAD-Industry Perspective	Profession Chapter, ISTE	04.5.2021	State	150
12.	Webinar on Awareness on World Environment Day	Department	05.6.2021	State	161

8.2 FDP /Workshop / STTP / Conference for Faculty

S.No	Name of the Event / Workshop	Organized under(Department / Student Association/ Profession Chapter)	Date of Event	Level (State / National / International)	No. of Participants
1.	Workshop on	Profession Chapter,	24.8.2020	State	15

2020-21
E

	Artificial Emotional Intelligence	ISTE			
2.	FDP on Recent Advances in IT	Department	29.10.2020, 30.10.2020	State	15
3.	Workshop on Scrum Methodology	Profession Chapter, ISTE	27.4.2021	State	15

SECTION – IX: ACHIEVEMENTS

9.1 Awards and Prizes Received by Students

S. No	Name of the Student	Event Name / Details	Organized by	Achievement / Position / Prizes
Nil				

9.2 Participation of teachers in various activities as a Members of Committees at University Level / State Level / National Level / International Level bodies

S.No	Name of the Faculty	Members of Committees at University Level / State Level / National Level / International Level as
1.	Dr.G. Shanmugasundaram	Coordinator, NPTEL
2.	Dr.G. Shanmugasundaram	Coordinator, EDX

9.3 Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers

S.No	Name of the Faculty	Name of Editorial Boards / Conferences
NIl		

9.4 Awards / Prizes and Recognitions received by teachers at University, State, National and International Level

S.No	Name of the Faculty	Name of Awards / Recognition
1.	Dr.G. Shanmugasundaram	Mentor/ Toycathon, Innovation Cell | Ministry of Education, Govt. of India /2021

9.5 Details of Faculty participated in Refresher Courses, Orientation Courses, Seminars, Workshops, Conferences at National and International Level

S.No	Name of the Faculty	FDP /STTP /Workshop /Conference Title	Organized by	Duration (Days)
NIL				

Declaration by HoD

I am aware that the above information provided by the department will be validated by the Academic and Administrative Audit (AAA) committee during the visit

Head of the Department

Recommendations:

Student Progression	Student Progression
Curricular Aspects	Encourage the integration of interdisciplinary components within the curriculum to enrich students' comprehensive grasp and flexibility in response to dynamic industry demands.
Teaching, Learning and Evaluation	Recommend integrating interactive teaching methodologies and technology to enhance student engagement and facilitate a dynamic learning process within the framework of Teaching, Learning, and Evaluation
Research, Innovation and Publications	Encourage to strengthening partnerships with industry collaborators and motivating faculty participation in research activities to drive greater visibility and influence within Research, Innovation, and Publications
Activity Conducted / Organized by the Department	Encourage diversifying the range of organized activities to encompass a broader spectrum of student interests and talents, fostering a more inclusive and vibrant extracurricular environment.
Achievements	Recommend enhancing the recognition and display of departmental accomplishments in order to elevate morale and instill a feeling of pride among students, teachers, and the wider community.
General Remarks	Implementing quality assurance measures, conducting regular external benchmarking, and establishing a framework for continuous improvement to enhance the department

Signature of the External Academic Audit Experts

Dr.M.Karthikeyan
Professor
Department of Mechanical Engineering
RajaRajeswari College of Engineering
Mysore Road, Bangalore - 560074

Dr.R.Baskaran
Professor
Department of Industrial Engineering
CEG Campus
Anna University

ACADEMIC AND ADMINISTRATIVE AUDIT

DEPARTMENT OF

COMPUTER SCIENCE AND COMMUNICATION ENGINEERING

ACADEMIC AND ADMINISTRATIVE AUDIT

(Academic Year 2020 – 2021)

External Audit

SECTION –1: BASIC INFORMATION

Audit Date	19.11.2021	
Name of the Department	Computer and Communication Engineering	
Year of Establishment	2020	
Programs Offered	Name of the Program: B.Tech; Approved Intake: 60	
Head of the Department	Dr.V.Bharathi	
Number of full time Teachers	Professor	1
	Associate Professor	-
	Assistant Professor	5
Number of Technical Staff		
Number of Students	For B.Tech:	
	Year: First Year	Strength: 48
	Second Year	-
	Third Year	-
	Fourth Year	-
	Total	48
Faculty Student Ratio	1:10	

SECTION –2: CURRICULAR ASPECTS

2.1 Academic Plan

S.No	Particular	Available (Yes / No)	Remarks
1	Department Academic Calendar	Yes	
2	Faculty Subject Preferences	Yes	
3	Elective choices from the Students	No	
4	Course allotment to the Faculty	Yes	
5	Time Table (UG and PG)	Yes	
6	Lesson plan for each Course	Yes	

2.2 Participation of the Faculty in the Curriculum development for courses offered in UG and PG programs

S.No	Name of the Faculty	Participated as	Course	Year / Sem
1	Dr.V.Bharathi, Professor and Head Department of Computer and Communication Engineering	Chairman	B.Tech	I / I & II
2	Dr. S. Premkumar Professor Specialization: Communication Systems	Internal Member	B.Tech	I / I & II
3	Mrs. V.Logisvary Assistant Professor Specialization: Embedded Systems	Internal Member	B.Tech	I / I & II
4	Mrs. M.Julie Therese Assistant Professor Specialization: Communication Networks	Internal Member	B.Tech	I / I & II
5	Mr. C. Srithar Assistant Professor Specialization: VLSI System	Internal Member	B.Tech	I / I & II
6	Mr.Arokiaraj Christian St.Hubert Assistant Professor Specialization: Computer Science and Engineering	Internal Member	B.Tech	I / I & II
7	Ms.R. Sughanya Assistant Professor: Specialization: English	Internal Member	B.Tech	I / I & II
8	Mrs.S.Geetha Assistant Professor Specialization: Physics	Internal Member	B.Tech	I / I & II
9	Dr.S.Savithri Assistant Professor Specialization: Chemistry	Internal Member	B.Tech	I / I & II
10	Ms.D.Dheebia Assistant Professor Specialization: Mathematics	Internal Member	B.Tech	I / I & II

2.3 List of Professional Elective Courses offered by the department

S.No	Year / Sem	Name of the Elective Course	Course Code	Number of Students Registered
1.	II/IV	Basic DBMS	U19CCO41	71

2.4 List of Open Elective Courses offered by Other department

S.No	Year / Sem	Offering Department	Name of the Elective Course	Course Code	Number of Students Registered
-	-	-	Not Applicable	-	-

2.5 List of Skill Development Courses offered by the department

S.No	Year / Sem	Name of the Skill Development Course	Course Code	Number of Students Registered
-	-	Not Applicable	-	-

2.6 List of Certification Courses offered by the department

S.No	Year / Sem	Name of the Certification Course	Course Code	Number of Students Registered
1.	I/I	Web Programming-I	U20CCC190	48

2.7 List of Mandatory Courses offered by the department

S.No	Year / Sem	Name of the Mandatory Course	Course Code	Number of Students Registered
1	I/I	Induction Program	U20CCM101	48

SECTION –3: TEACHING, LEARNING AND EVALUATION

3.1 Course Delivery

Semester: I (Batch: 2020 - 2024)

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Engineering Mathematics - I Calculus and Linear Algebra / U20BST101	Dr.K.Kamala	60	60	64
2	Elements of Engineering / U20EST122	Mrs.T.Sivaranjani	45	45	46
3	Programming in Python / U20EST110	Dr.V.Bharathi	45	45	46
4	Problem Solving Approach / U20EST109	Mrs.V.Gomathi	45	45	47
5	Basics of Electronics Engineering / U20EST123	Ms.R.Jegadeeswari	45	45	46
6	Basic Electronics Engineering Laboratory / U20ESP124	Ms.R.Jegadeeswari	30	30	32
7	Programming in Python Laboratory / U20ESP111	Ms.A.Thivya	30	30	32
8	Engineering Graphics using AutoCAD / U20ESP112	Mr.R.Hemanth	30	30	32

3.2 Use of ICT Tools in Teaching Learning

Semester: I

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Dr.K.Kamala	Engineering Mathematics - I Calculus and Linear Algebra / U20BST101	PPT& Video Lecture
2	Mrs.T.Sivaranjani	Elements of Engineering / U20EST122	PPT& Video Lecture
3	Dr.V.Bharathi	Programming in Python / U20EST110	PPT& Video Lecture
4	Mrs.V.Gomathi	Problem Solving Approach / U20EST109	PPT& Video Lecture
5	Ms.R.Jegadeeswari	Basics of Electronics Engineering / U20EST123	PPT& Video Lecture

3.3 List of Expert Lectures / Workshop Conducted

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
1	Testing of Electronic Devices in Hardware	Mr.Raja	03.03.2021	48
2	Hands-on training on Photoshop	Mr.Akash	6.3.2021	48
3	Product Development stack	Mrs.M.Riswana Farween	15.11.2021	48

3.4 Activities for Slow and Advanced Learners

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1	Engineering Mathematics - I Calculus and Linear Algebra / U20BST101	Dr.K.Kamala	Yes	5	Yes
2	Elements of Engineering / U20EST122	Mrs.T.Sivaranjani	Yes	6	Yes
3	Programming in Python / U20EST110	Dr.V.Bharathi	Yes	5	Yes
4	Problem Solving Approach / U20EST109	Mrs.V.Gomathi	Yes	5	Yes
5	Basics of Electronics Engineering / U20EST123	Ms.R.Jegadeeswari	Yes	6	Yes

3.5 Counseling and Mentoring

S.No	Particular	Yes / No	Remarks (if any)
1	Mentor Allocation	Yes	
2	Class wise student Profile Record Maintained	Yes	
3	Mentor – Mentee Session Record Maintained	Yes	

No. of Students in Department	Number of Full Time Teachers in the Department	Mentor : Mentee Ratio
48	5	1:10

3.6 Internal Evaluation Systems

S.No	Particular	Yes / No	Remarks (if any)
1	Continuous Assessment Test Record	Yes	
2	Seminar / Project Review Record	-	
3	End Semester Examination Record	Yes	
4	Student Grade Report	Yes	

3.7 Learning Outcomes

S.No	Particular	Yes / No	Remarks (if any)
1	PO, PEO, PSO, CO are well stated	Yes	
2	Correlation of COs with POs and PSOs for each Course	Yes	
3	Course Outcome Attainment Calculated	Yes	Mention the target: 55% (C Grade and above)
4	PSO and PO attainment through CO	Yes	

3.8 Student Performance in End Semester Examination

Semester – I (Batch:2020- 2024)

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	48	-
2	Number of All Clear Students	46	
3	Number of Students passed with Distinction	17	
4	Number of Students passed with First Class	30	
5	Number of Students passed with Second Class	1	
6	Number of Students Failed	2	
7	Passing Percentage	95.83	

SECTION – IV: STRUCTURED FEEDBACK

.S.No	Particular	Yes / No	Number of Feedback Collected	Remarks (if any)
1	Student Feedback on Teaching and Learning conducted with action taken report	Yes	12	Feedback received from all the students by conducting 3 Quality Circle Meeting in each semester for all the first year students.
2	Parent Meet / Parent Feedback on Teaching conducted with action taken report	Yes	3	
3	Student Exit Survey conducted and Analysed	–	–	
4	Alumni Feedback conducted and Analysed	–	–	

SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS

5.1 Research Grants, Projects completed and ongoing from various Funding Agencies

S.No	Principle Investigator	Title of Project / Grants	Funding Agency	Amount (Rs. in Lakhs)	Duration of the project
-	Not Applicable	-	-	-	-

5.2 Consultancy Works

S.No	Name of the Faculty	Nature of Consultancy	Funding Agency	Fund Generated	Duration of the Consultancy
-	Not Applicable	-	-	-	-

5.3 Faculty Publications

Publication Details (Last Four Years)

Sr. No	Academic Year	Papers Published in peer reviewed Journals	Scopus, Web of Science Indexing Papers	Total Number of Citations	h-index	Impact Factor range / Average Imapact Factos
1	2018 -2021	8 Papers Published	Out of which 5 are Scopus, and 3 are Web of Science Indexed journals.	42	3	UGC care list-2

Publication Details for Academic Year consider for Auditing

Number of Publication in National Journals	
Number of Publication in International Journals	5
Number of Publication in National Conferences	
Number of Publication in International Conferences	
Number of Books / Book Chapters	
Number of Patent (Filed)	4
Number of Patents Granted	

National Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	ISBN / ISSN
-	-	-	-	-

International Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	Vol, issue, pp, ISBN/ISSN	Indexing
1	Enhanced Delay Locked Loop Based Wide Frequency Multiplier	V. Bharathi, M. Soussay Christine, A.R. Aysha	Journal of Advanced Research In Dynamical & Control Systems	Vol. 12, Issue-06, 2020, DOI:10.5373/JARDCS/V12I2/S20201395	Scopus
2	Detection of Wound	V.Bharathi,	Journal of Advanced	Vol. 12, Issue-06, 2020,	Scopus

	in Human using HOG and HSV Algorithm	Oviya Kirubanandham, Kruthika, Z. Ifthikar Sultana, N. Kamali	Research In I.Dynamical & Control Systems	DOI:10.5373/JARDCS /V12I2/S20201395	
3	Smart Guidance System of Sightless Challengers	Dr.P.Raja Dr.V.Bharathi	International Journal of Future Generation Communication and Networking	Vol. 13, No. 3,2020	Web of Science
4	Sybil Attack Detection and Shielding In Manet Using Received Signal Strength Indicator	Dr.V.Bharathi, Dr. P, Raja, J. Akshaya, S. Kaviarasi, M, Mohana, Sabnam Dalai	International Journal of Grid and Distributed Computing	Vol. 13, No. 1, , ISSN: 2005-4262,2020 , pp. 1679–1687	Web of Science
5	Parkinson's Disease Classification Using Deep Convolutional Neural Network Based On Acoustic Signals	Dr.V.Bharathi, A. Devika, J. Jaya Nishanthini, A. Periya Prasanna, R. Sai Charanya	International Journal of Future Generation Communication and Networking	Vol. 13, No. 3, 2020	Web of Science

National Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
-	-	-	-	-	-	-

International Conference

S. No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
-	-	-	-	-	-	-

Books / Book Chapters

S.No	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
-	-	-	-	-

Patent

S.No	Name of the Applicant (s)	Name of the Inventor (s)	Title	Application No. & Patent Filed Date	Country	Current Status
1	Dr.P.Raja	Dr.V.Bharathi	Smart Refrigerator using Peltier Plate	202041033396 A & 21/08/2020	India	Published

2	Dr.P.Raja	Dr.V.Bharathi	A Furrower	202041033397 A & 21/8/2020	India	Published
3	Dr.V.Bharathi	Dr.V.Bharathi	Mechanized System of Integrated Shoe Cleansing and Polishing	202041045087 A & 30/10/2020	India	Published
4	Dr.P.Raja	Dr.V.Bharathi	Cost Effective Smart Sewage Treatment to Agriculture Fields	202041045102 A & 30/10/2020	India	Published

SECTION – VI: COLLABORATIONS AND LINKAGES

6.1 Student Internships

S.No	Name of the Student	Name of the Sponsored Industry / Research Institute / Partnering Institution	About Internship		
			Duration	From date	To date
-	Not Applicable	-	-	-	-

6.2 Sponsored / Industry Projects

S.No	Project Title	Name of the Student/s	Name of the Sponsored Industry / Research Institute / Partnering Institution	Duration of the Project (Months)
-	Not Applicable	-	-	-

6.3 Industrial Visits

S.No	Name of the Industry / Company / Research Institute	Date of Visit	Target Audience	Number of Students Participated
1	GT Electronic India Pvt. Ltd., Thiruchitrambalam Koot Road, Villupuram	06.03.2021	I year CCE students	44

6.4 Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
-	Not Applicable	-	-	-

SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	-
Number of Students opted Higher Studies	-
Number of Entrepreneur	-

7.1 Placements

S.No	Name of the Student	Name of the Company	Salary Package (per annum)
-	Not Applicable	-	-

7.2 Higher Studies

S.No	Name of the Student	Name of the Institution	Name of Program admitted to
-	Not Applicable	-	-

7.3 Entrepreneur

S.No	Name of the Student	Name of the Company	Nature of Company	Location / Address
-	Not Applicable	-	-	-

SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT

8.1 Technical Event / Workshop for Student

S.No	Name of the Event / Workshop	Organized under(Department / Student Association/ Profession Chapter / Student Club)	Date of Event	Level (State / National / International)	No. of Participants
1	Motivation talk	Department	4.02.2021	-	40
2	Essay writing/ Drawing and Painting competetion	Department	8.02.2021	-	12
3	Guest lecture on Women empowerment	Department	9.02.2021	-	46
4	Memory game	Department	10.02.2021	-	35
5	Guest lecture by Industrial person	Department	11.02.2021		48
6	LOGO contest	Department	12.02.2021	-	10
7	Singing song and Mono acting	Department	13.02.2021	-	24
8	Waste to craft	Department	15.02.2021	-	16
9	Saving of nature working environment	Department	16.02.2021	-	15
10	Quiz Competition, Tongue twister, Physical activity	Department	17.02.2021	-	34
11	Fireless Cooking	Department	18.02.2021	-	40
12	Industrial Visit	Department	19.02.2021	-	48

13	Character building, Leadership qualities and Moral values	Department	20.02.2021	-	32

8.2 FDP /Workshop / STTP / Conference for Faculty

S.No	Name of the Event / Workshop	Organized under(Department / Student Association/ Profession Chapter)	Date of Event	Level (State / National / International)	No. of Participants
-	-	Not Applicable	-	-	-

SECTION – IX: ACHIEVEMENTS

9.1 Awards and Prizes Received by Students

S.No	Name of the Student	Event Name / Details	Organized by	Achievement / Position / Prizes
1	V.Vinil	Football	National	Participated
2	R.Ruban Edward	Football	State	Participated

9.2 Participation of teachers in various activities as a Members of Committees at University Level / State Level / National Level / International Level bodies

S.No	Name of the Faculty	Members of Committees at University Level / State Level / National Level / International Level as
1	Dr.V.Bharathi	Coordinator of Nila Community Radio Station
		Board of studies chairman
2	Mrs.T.Sivaranjani	Department IQAC coordinator
		Website Coordinator
		Workload and Timetable In-charge
3	Mrs.V.Gomathi	Member of Women Empowerment Cell
		ExamCell Coordinator
4	Ms.R.Jegadeeswari	Discipline Committee member
5	Ms.A.Thivya	Department Club Coordinator
		Department IEEE, ISTE, IEI member

9.3 Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers

S.No	Name of the Faculty	Name of Editorial Boards / Conferences
1	Dr.V.Bharathi	Wireless Personal Communication –Springer Publication- Reviewer
2	Dr.V.Bharathi	International Journal of Mobile Communication- Inderscience publisher- Reviewer

9.4 Awards / Prizes and Recognitions received by teachers at University, State, National and International Level

S.No	Name of the Faculty	Name of Awards / Recognition
1	Dr.V.Bharathi	NPTEL Discipline star Award
2	Dr.V.Bharathi	Excellent Professor Award from Global Eminence

9.5 Details of Faculty participated in Refresher Courses, Orientation Courses, Seminars, Workshops, Conferences at National and International Level

S. No	Name of the Faculty	FDP /STTP /Workshop /Conference Title	Organized by	Duration (Days)
1	Dr.V.Bharathi	Deep Learning and its Applications using Tensor Flow and Keras	ATAL	20.07.2020 - 25.07.2020
		Recent Advancements in Internet of Things for Healthcare Applications	ATAL	7.09.2020 - 12.09.2020
		Cyber Security	ATAL	5.10.2020 - 09.10.2020
		Control System and Sensor Technology	ATAL	2.11.2020 - 6.11.2020
		Recent Trends in VLSI Design, Signal Processing & Optimization based on EDA tools	AICTE	7.12.2020 - 19.12.2020
		Wearable Devices	ATAL	11.1.2021- 15.01.2021
		Introduction to Embedded System Design	NPTEL, AICTE	12 weeks course Jan 2021-Apr 2021
		Electric Vehicles	ATAL	20.09.21-24.09.21
2	Mrs.V.Gomathi	Security and Privacy	ATAL	9.8.2021-13.8.2021
		Data Science		16.8.2021-20.8.2021
		Block chain Technology		23.8.2021-27.8.2021
		Recent Trends in Computer Science		6.9.2021 - 10.9.2021
3	Mrs.T.Sivaranjani	Security and Privacy	ATAL	9.8.2021-13.8.2021
		Data Science		16.8.2021-20.8.2021
		Block chain Technology		23.8.2021-27.8.2021
		Recent Trends in Computer Science		6.9.2021 - 10.9.2021

Declaration by HoD

I am aware that the above information provided by the department will be validated by the Academic and Administrative Audit (AAA) committee during the visit.

Head of the Department
Dr.V.Bharathi

Recommendations

Section	Remarks
Curricular Aspects	
Teaching, Learning and Evaluation	
Structured Feedback	
Research, Innovation and Publications	Improve faculty publications in research
Collaborations and Linkages	
Student Progression	
Activity Conducted / Organized by the Department	
Achievements	
General Remarks	

Signature of the External Academic Audit Experts

Dr.M.Karthikeyan
Professor
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RajaRajeswari College of Engineering
Mysore Road
Bangalore - 560 074

Dr.R.Baskaran
Professor
Department of Industrial Engg.
CEG, AU.

ACADEMIC AND ADMINISTRATIVE AUDIT

DEPARTMENT OF

FASHION TECHNOLOGY

ACADEMIC AND ADMINISTRATIVE AUDIT

(Academic Year 2020-2021)

External Audit

SECTION –1 : BASIC INFORMATION

Audit Date	18.11.2021	
Name of the Department	Fashion Technology	
Year of Establishment	2020	
Programs Offered	Name of the Program: B.Tech; Approved Intake: 60	
Head of the Department	Dr.J.Thanikai Vimal	
Number of full time Teachers	Professor	
	Associate Professor	1
	Assistant Professor	1
Number of Technical Staff	-	
Number of Students	For B.Tech: Year 1: 21; Year 2: -; Year 3: -; Year 4: -; Total: 21	For M.Tech: First Year: -; Second Year: -; Total: -
Faculty Student Ratio		

SECTION –2 : CURRICULAR ASPECTS

2.1 Academic Plan

S.No	Particular	Available (Yes / No)	Remarks
1	Department Academic Calendar	**Yes**	
2	Faculty Subject Preferences	**Yes**	
3	Elective choices from the Students	-	
4	Course allotment to the Faculty	**Yes**	
5	Time Table (UG and PG)	**Yes**	
6	Lesson plan for each Course	**Yes**	

2.2 Participation of the Faculty in the Curriculum development for courses offered in UG and PG programs

S.No	Name of the Faculty	Participated as	Course	Year / Sem
1	Dr.J.Thanikai Vimal	BoS Chairman	B.Tech FT	II/III&IV
2	Ms.Pooja	BoS Member	B.Tech FT	II/III&IV

2.3 List of Professional Elective Courses offered by the department

S.No	Year / Sem	Name of the Elective Course	Course Code	Number of Students Registered
		NA		

2.4 List of Open Elective Courses offered by Other department

S.No	Year / Sem	Offering Department	Name of the Elective Course	Course Code	Number of Students Registered
			NA		

2.5 List of Skill Development Courses offered by the department

S.No	Year / Sem	Name of the Skill Development Course	Course Code	Number of Students Registered
		NA		

2.6 List of Certification Courses offered by the department

S.No	Year / Sem	Name of the Certification Course	Course Code	Number of Students Registered
1	I/I	Photoshop	U20EEC117	21
2	I/II	Fusion 360	U20FTC250	21

2.7 List of Mandatory Courses offered by the department

S.No	Year / Sem	Name of the Mandatory Course	Course Code	Number of Students Registered
1	I/I	Induction Program	U20FTM101	21
2	I/II	Environmental Science	U20FTM202	21

SECTION –3: TEACHING, LEARNING AND EVALUATION

3.1 Course Delivery

Semester :

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	U20BST101 Engineering Mathematics – I Calculus and Linear Algebra	S. Kalaiselvan	60	60	60
2	U20EST110 Programming in Python	E. Poonguzhali	45	45	48
3	U20EST117 Basic Electrical and Electronics Engineering	Janani	60	60	65
4	U20FTT101 Basics of Apparel Technology	Dr.J.Thanikai Vimal	45	45	48
5	U20FTT102 Textile Fibre Science	Dr.J.Thanikai Vimal	45	45	48
6	U20ESP111 Programming in Python Laboratory	E. Poonguzhali	30	30	30
7	U20ESP118 Basic Electrical and Electronics Engineering Lab	Janani	30	30	30
8	U20FTP101 – Fibre Analytical Lab	Dr.J.Thanikai Vimal	30	30	24

3.2 Use of ICT Tools in Teaching Learning

Semester:

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used

3.3 List of Expert Lectures / Workshop Conducted

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audiance
1	Intimate Garments	Mrs.Geetha Malini	17.04.2021	I/I/A
2	Classification of Stiches	Dr.Sandhaya Ravi	19.04.2021	I/I/A
3				

3.4 Activities for Slow and Advanced Learners

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)

3.5 Counseling and Mentoring

S.No	Particular	Yes / No	Remarks (if any)
1	Mentor Allocation	No	
2	Class wise student Profile Record Maintained	Yes	
3	Mentor – Mentee Session Record Maintained	No	

No. of Students in Department	Number of Full Time Teachers in the Department	Mentor : Mentee Ratio
21	2	1:10

3.6 Internal Evaluation Systems

S.No	Particular	Yes / No	Remarks (if any)
1	Continuous Assessment Test Record	Yes	
2	Seminar / Project Review Record	No	
3	End Semester Examination Record	No	
4	Student Grade Report	No	

3.7 Learning Outcomes

S.No	Particular	Yes / No	Remarks (if any)
1	PO, PEO, PSO, CO are well stated	Yes	
2	Correlation of COs with POs and PSOs for each Course	Yes	
3	Course Outcome Attainment Calculated	Yes	Mention the target:
4	PSO and PO attainment through CO	Yes	

3.8 Student Performance in End Semester Examination

Semester –

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	--	
2	Number of All Clear Students	-	
3	Number of Students passed with Distinction	-	
4	Number of Students passed with First Class	-	
5	Number of Students passed with Second Class	-	
6	Number of Students Failed	-	
7	Passing Percentage	-	

SECTION – IV : STRUCTURED FEEDBACK

S.No	Particular	Yes / No	Number of Feedback Collected	Remarks (if any)
1	Student Feedback on Teaching and Learning conducted with action taken report	Yes	3	-
2	Parent Meet / Parent Feedback on Teaching conducted with action taken report	Yes	2	-
3	Student Exit Survey conducted and Analysed	No	-	-
4	Alumni Feedback conducted and Analysed	No	-	-

SECTION – V : RESEARCH, INNOVATION AND PUBLICATIONS

5.1 Research Grants, Projects completed and ongoing from various Funding Agencies

S.No	Principle Investigator	Title of Project / Grants	Funding Agency	Amount (Rs. in Lakhs)	Duration of the project
1	-				

5.2 Consultancy Works

S.No	Name of the Faculty	Nature of Consultancy	Funding Agency	Fund Generated	Duration of the Consutancy
1	-				
2					

5.3 Faculty Publications Publication Details (Last Four Years)

Sr. No	Academic Year	Papers Published in peer reviewed Journals	Scopus, Web of Science Indexing Papers	Total Number of Citations	h-index	Impact Factor range / Average Imapact Factos
	-					

Publication Details for Academic Year consider for Auditing

Number of Publication in National Journals	
Number of Publication in International Journals	
Number of Publication in National Conferences	
Number of Publication in International Conferences	
Number of Books / Book Chapters	
Number of Patent (Filed)	
Number of Patents Granted	

National Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	ISBN / ISSN
1	-			
2				

International Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	Vol, issue, pp, ISBN/ISSN	Indexing
1	-				
2					

National Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
1	-					
2						

International Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
1	-					
2						

Books / Book Chapters

S.No	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
1	-			
2				

Patent

S.No	Name of the Applicant (s)	Name of the Inventor (s)	Title	Application No. & Patent Filed Date	Country	Current Status
1	-					
2						

SECTION – VI: COLLABORATIONS AND LINKAGES

6.1 Student Internships

S.No	Name of the Student	Name of the Sponsored Industry / Research Institute / Partnering Institution	About Internship		
			Duration	From date	To date
1	-				
2					

Sponsored / Industry Projects

S.No	Project Title	Name of the Student/s	Name of the Sponsored Industry / Research Institute / Partnering Institution	Duration of the Project (Months)
1	-			
2				

6.2 Industrial Visits

S.No	Name of the Industry / Company / Research Institute	Date of Visit	Target Audience	Number of Students Participated
1	Vidhyasagar Silk Center	20.02.2021	I/I/A	21
2				

6.3 Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
1	-			
2				

SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	NA
Number of Students opted Higher Studies	NA
Number of Entrepreneur	NA

7.1 Placements

S.No	Name of the Student	Name of the Company	Salary Package (per annum)
1	NA		

7.2 Higher Studies

S.No	Name of the Student	Name of the Institution	Name of Program admitted to
1	NA		

7.3 Entrepreneur

S.No	Name of the Student	Name of the Company	Nature of Company	Location / Address
1	NA			

SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT

8.1 Technical Event / Workshop for Student

S.No	Name of the Event / Workshop	Organized under(Department / Student Association/ Profession Chapter / Student Club)	Date of Event	Level (State / National / International)	No. of Participants
1	-				

8.2 FDP /Workshop / STTP / Conference for Faculty

S.No	Name of the Event / Workshop	Organized under(Department / Student Association/ Profession Chapter)	Date of Event	Level (State / National / International)	No. of Participants
1	-				

SECTION – IX: ACHIEVEMENTS

9.1 Awards and Prizes Received by Students

S.No	Name of the Student	Event Name / Details	Organized by	Achievement / Position / Prizes
1	-			

9.2 Participation of teachers in various activities as a Members of Committees at University Level / State Level / National Level / International Level bodies

S.No	Name of the Faculty	Members of Committees at University Level / State Level / National Level / International Level as
1	-	

9.3 Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers

S.No	Name of the Faculty	Name of Editorial Boards / Conferences
1	-	

9.4 Awards / Prizes and Recognitions received by teachers at University, State, National and International Level

S.No	Name of the Faculty	Name of Awards / Recognition
1	-	

9.5 Details of Faculty participated in Refresher Courses, Orientation Courses, Seminars, Workshops, Conferences at National and International Level

S.No	Name of the Faculty	FDP /STTP /Workshop /Conference Title	Organized by	Duration (Days)
1	Dr.J.Thaikai Vimal	Design thinking	SMVEC	5
2	Dr.J.Thaikai Vimal	Apparel Design	Amity School of Fashion	5
3	Dr.J.Thaikai Vimal	3D Printing & Design	PSG Tech, CBT	5
4	Dr.J.Thaikai Vimal	Product Design	NIFT, Hyderabad	5
5	Dr.J.Thaikai Vimal	Animation Film Design	JAIN University	5

Declaration by HoD

I am aware that the above information provided by the department will be validated by the Academic and Administrative Audit (AAA) committee during the visit

Head of the Department

Recommendations:

Section	Remarks
Curricular Aspects	All relevant documents are verified
Teaching, Learning and Evaluation	All relevant documents are verified
Structured Feedback	All relevant documents are verified
Research, Innovation and Publications	Publication count need to be increased
Collaborations and Linkages	Sponsored or Industry Projects count need to be increased
Student Progression	All relevant documents are verified
Activity Conducted / Organized by the Department	Organize more FDP/STTP in the department
Achievements	All relevant documents are verified
General Remarks	Most of the documents are available in the department

Signature of the External Academic Audit Experts

Dr. M. Karthikeyan
Professor,
Department of Mechanical Engineering,
Rajarajeswari College of Engineering,
Mysore Road, Bangalore – 560074.

Dr. R. Baskaran,
Professor,
Department of Industrial Engineering,
CEG, Anna University.

ACADEMIC AND ADMINISTRATIVE AUDIT

SCHOOL OF ARCHITECTURE

ACADEMIC AND ADMINISTRATIVE AUDIT

(Academic Year 2020-2021)

EXTERNAL AUDIT

SECTION –1: BASIC INFORMATION

Audit Date	19.11.2021	
Name of the Department	School of Architecture	
Year of Establishment	2017	
Programs Offered	Name of the Program: U.G program -B.Arch; Approved Intake: 40	
Head of the Department	Prof.S.Manoharan	
Number of full time Teachers	Professor	1
	Associate Professor	2
	Assistant Professor	3
Number of Technical Staff	1	
Number of Students	For B.Arch:	

Year	Strength
First Year	25
Second Year	24
Third Year	11
Fourth Year	14
Total	74

Faculty Student Ratio	1:10

SECTION –2: CURRICULAR ASPECTS

2.1 Academic Plan

S.No	Particular	Available (Yes / No)	Remarks
1	Department Academic Calendar	Yes	
2	Faculty Subject Preferences	Yes	
3	Elective choices from the students	Yes	
4	Course allotment to the faculty	Yes	
5	Time Table (UG and PG)	Yes	
6	Lesson plan for each Course	Yes	

2.2 Participation of the Faculty in the Curriculum development for courses offered in UG and PG programs

S.No	Name of the Faculty	Participated as	Course	Year / Sem
1	Prof.s.Manoharan	Charmian	B.Arch	I I,II,III,IV& V year
2	Ar.R.Ragavendira	Member	B.Arch	I I,II,III,IV& V year
3	Ar.R.Satheesh Kumar	Member	B.Arch	I I,II,III,IV& V year
4	Ar.T.Mugesh	Member	B.Arch	I I,II,III,IV& V year
5	Ar.Kanimozhi	Member	B.Arch	I I,II,III,IV& V year
6	Ar.Balaaji	Member	B.Arch	I I,II,III,IV& V year

2.3 List of Professional Elective Courses offered by the department

ODD SEM

S.No	Year / Sem	Name of the Elective Course	Course Code	Number of Students Registered
NIL				

EVEN SEM

S.No	Year / Sem	Name of the Elective Course	Course Code	Number of Students Registered
1	III/VI	Interior Design	ARE04	11
2	III/VI	Glass Architecture and Design	ARE08	11

2.4 List of Open Elective Courses offered by other department

S.No	Year / Sem	Offering Department	Name of the Elective Course	Course Code	Number of Students Registered
NIL					

2.5 List of Skill Development Courses offered by the department

ODD SEM

S.No	Year / Sem	Name of the Skill Development Course	Course Code	Number of Students Registered
1	I/I	Communication English	U20TS0102	25
EVEN SEM				
1	II /IV	Computer Aided Visualization	ARP43	24
2	III/VI	Architectural Design Detailing	ARP61	11

2.6 List of Certification Courses offered by the department

S.No	Year / Sem	Name of the Certification Course	Course Code	Number of Students Registered
ODD SEM				
1	I/I	Auto Cad		25
EVEN SEM				
1	II/IV	Google Sketch up		24
2	III/VI	Revit Architecture		11

2.7 List of Mandatory Courses offered by the department

S.No	Year / Sem	Name of the Mandatory Course	Course Code	Number of Students Registered
1	I/I	Visual Arts	U20TS0102	25

SECTION –3: TEACHING, LEARNING AND EVALUATION

3.1 Course Delivery: ODD SEM

Semester: I

S.No	Name of the Course	Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Mathematics	U20TH0100	Mr.Krishnamoorthy	45	45	60
2	History of	U20TH0101	Ar.Balaaji	45	45	55

	Architecture and culture-I					
3	Communication in English	U20TH0102	Ms.Suganya	60	60	60
4	Visual Arts	U20TH0103	Mr.Karrupusamy	90	90	110
5	Architectural Graphics - I	U20TH0104	Ar.R.satheesh Kumar	75	75	75
6	Basic Design Studio	U20TH0105	Ar.Kanimozhi	180	180	180

EVEN SEM

Semester: IV

S.No	Name of the Course	Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Design of Structure I	ART41	Ms.Aswini	60	60	70
2	Environmental Science for the Built Environment	ART42	Ar.R.Ragavendira	45	45	60
3	Building Materials and Construction III	ARP41	Ar.R.Ragavendira	75	75	90
4	Building Services I	ARP42	Ar.T.Mugesh	60	60	75
5	Computer Aided Visualization	ARP43	Ar.Balaaji	75	75	90
6	Architectural Design III	ARS41	Ar.T.Mugesh	210	210	210

Semester: VI

S.No	Name of the Course	Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	History of Contemporary Architecture	ART61	Ar.Kanimozhi	45	45	55
2	Specification Estimation	ART62	Mr.Senthil Raj	45	45	55

	&valuation					
3	Interior Design	ARE04	Ar.Kanimozhi	45	45	60
4	Glass Architecture and Design	ARE08	Ar.T.Mugesh	45	45	55
5	Architectural Design Detailing	ARP61	Ar.R.satheesh Kumar	75	75	90
6	Architectural Design -V	ARS61	Ar.R.Ragavendira	210	210	210

Semester: VIII

S.No	Name of the Course	Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Practical Training	ARPT9	-	-	-	-

3.2 Use of ICT Tools in Teaching Learning

Semester:

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
I/I			
1	Mr.Krishnamoorthy	Mathematics	PPT/Digital writing Board
2	Ar.Balaaji	History of Architecture and culture-I	PPT/Lecture Videos
3	Ms.Suganya	Communication in English	PPT/Lecture Videos
4	Mr.Karrupusamy	Visual Arts	PPT/Lecture Videos /Animated Videos
5	Ar.R.satheesh Kumar	Architectural Graphics - I	PPT/ Digital writing Board
6	Ar.Kanimozhi	Basic Design Studio	PPT/ Digital writing Board
II/IV			
1	Ms.Aswini	Design of Structure I	PPT/Digital writing Board
2	Ar.R.Ragavendira	Environmental Science for the Built Environment	PPT/Digital writing Board
3	Ar.R.Ragavendira	Building Materials and Construction III	PPT/Digital writing Board

4	Ar.T.Mugesh	Building Services I	PPT/Digital writing Board
5	Ar.Balaaji	Computer Aided Visualization	PPT /lecture videos/animated videos
6	Ar.T.Mugesh	Architectural Design III	PPT /lecture videos/animated videos
III/VI			
1	Ar.Kanimozhi	History of Contemporary Architecture	PPT/Digital writing Board
2	Mr.Senthil Raj	Specification Estimation &valuation	PPT/Digital writing Board
3	Ar.Kanimozhi	Interior Design	PPT/Digital writing Board
4	Ar.T.Mugesh	Glass Architecture and Design	PPT/Digital writing Board
5	Ar.R.satheesh Kumar	Architectural Design Detailing	PPT/Digital writing Board
6	Ar.R.Ragavendira	Architectural Design -V	PPT /lecture videos/animated videos

3.3 List of Expert Lectures / Workshop Conducted

DETAILS OF SEMINAR – JUNE 2020- MAY 2021				
S.No	**Topic of Lecture / Workshop**	**Expert Speaker / Resource Person**	**Date of Conduction**	**Target Audience**
1	Understanding Traditional techniques	Ar.Thipura Sundari	05.06.20	74
2	Development of green building industries in India	Ar.Ashima Grover	05.08.20	74

3.4 Activities for Slow and Advanced Learners

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1	History of Contemporary Architecture	Ar.Kanimozhi	Yes	-	Yes
2	Landscape design	Mr.Satheesh kumar	Yes	-	Yes

3.5 Counseling and Mentoring

S.No	Particular	Yes / No	Remarks (if any)
1	Mentor Allocation	Yes	
2	Class wise student Profile Record Maintained	Yes	
3	Mentor – Mentee Session Record Maintained	Yes	

No. of Students in Department	Number of Full Time Teachers in the Department	Mentor : Mentee Ratio
74	6	1:13

3.6 Internal Evaluation Systems

S.No	Particular	Yes / No	Remarks (if any)
1	Continuous Assessment Test Record	Yes	
2	Seminar / Project Review Record	Yes	
3	End Semester Examination Record	Yes	
4	Student Grade Report	Yes	

3.7 Learning Outcomes

S.No	Particular	Yes / No	Remarks (if any)
1	PO, PEO, PSO, CO are well stated	Yes	
2	Correlation of COs with POs and PSOs for each Course	Yes	
3	Course Outcome Attainment Calculated	Yes	
4	PSO and PO attainment through CO	Yes	

SECTION – IV : STRUCTURED FEEDBACK

S.No	Particular	Yes / No	Number of Feedback Collected	Remarks (if any)
1	Student Feedback on Teaching and Learning conducted with action taken report	Yes	74	
2	Parent Meet / Parent Feedback on Teaching conducted with action taken report	Yes	24	
3	Student Exit Survey conducted and Analysed	Yes	-	

4	Alumni Feedback conducted and Analysed	Yes	-	

SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS

5.1 Research Grants, Projects completed and ongoing from various Funding Agencies

S.No	Principle Investigator	Title of Project / Grants	Funding Agency	Amount (Rs. in Lakhs)	Duration of the project
1	Ar.T.Mugesh	Proposed Residence for Mr.Nedunchezhiyan	ATTIC STUDIOS, Puducherry	45,000	1 year
2	Ar.R.Ragavendira	Proposed Residence for Ms.Hari Shanthana	SR Designs, Puducherry	30,000	1 year

5.2 Consultancy Works

S.No	Name of the Faculty	Nature of Consultancy	Funding Agency	Fund Generated	Duration of the Consultancy
1	Prof.S.Manoharan	Building Construction	Mano Architects, Chennai	40,000/-	5 Months
2	Ar.R.Ragavendira	Building Construction	SR Designs, Villupuram	35,000/-	2.5 Months
3	Ar.T.Mugesh	Building Construction	ATTIC STUDIOS, Puducherry	30,000/-	6 Months

5.3 Faculty Publications

Publication Details (Last Four Years)

Sr. No	Academic Year	Papers Published in peer reviewed Journals	Scopus, Web of Science Indexing Papers	Total Number of Citations	h-index	Impact Factor range / Average Impact Factors
1	2017-2018	-	-	-	-	-
2	2018-2019	-	-	-	-	-
3	2019-2020	1	-	-	-	-
4	2020-2021	1	-	-	-	-

Publication Details for Academic Year consider for Auditing

Number of Publication in National Journals	-

Number of Publication in International Journals	1
Number of Publication in National Conferences	
Number of Publication in International Conferences	1
Number of Books / Book Chapters	-
Number of Patent (Filed)	-
Number of Patents Granted	-

National Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	ISBN / ISSN
NIL				

International Journal

Academic year 2019-20

S.No	Title of the Paper	Name of the Authors	Name of the Journal	Vol, issue, pp, ISBN/ISSN	Indexing
1	Revitalization of Urban spaces of saidapet market, Chennai.	Ar.R.Ragavendira	International Journal of Architecture (IJA)	Volume 6, Issue 1. January – June 2020, pp.8-20; Journal Impact Factor(2019): 4.2982 Calculated by GISI (www.jifactor.com)	
Academic year 2020-21					
2	Lessons from Rural/Vernacular based Architecture	Prof.S.Manoharan & Ar.R.Ragavendira	International Journal of Science and Engineering Research.	Vol. 11, Issue 6, 2020, ISSN: 2229-5518	

National Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
NIL						

International Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the	Name of the Conference	ISBN / ISSN	Publisher

			Conference			
1	A Sustainable Approach towards Energy Efficient Building Design	Ar.R.Ragavendira	SRM University, Chennai	International Conference on Built Environment, Science and Technology		

Books / Book Chapters

S.No	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
1	Nil			

Patent

S.No	Name of the Applicant (s)	Name of the Inventor (s)	Title	Application No. & Patent Filed Date	Country	Current Status
NIL						

SECTION – VI: COLLABORATIONS AND LINKAGES

6.1 Student Internships

S.No	Name of the Student	Name of the Sponsored Industry / Research Institute / Partnering Institution	Duration
1	AMUDHASELVAN. K	Sa.sw - Bangalore	120 days
2	DHIVYA. A	F3 designs - Chennai	113 days
3	GOPIKA. J	G & a architects - Coimbatore	203 days
4	GOWRI SHANKAR. J	Space mast - Bangalore	113 days
5	KAVITHA KUMARI. V	Intach - Pondicherry	113 days
6	PRIYANKA. K	Fourth dimension architects & interiors - Coimbatore	113 days
7	RASIKA. R	Intach - Pondicherry	149 days
8	ROSHINI. B	Ray -Coimbatore	150 days
9	SANGAVI. S	The madras design works - Pondicherry	120 days
10	SHANMUGA PRIYA. K	F3 designs - Chennai	113 days

11	TEJASWEE. S	Design collaborative - Pondicherry	149 days
12	VELAYUDHAM. S	Studio 30 architect's & planners - Bangalore	132 days
13	VIGNESH KUMAR. A	Tash architects - Bangalore	100 days
14	VISHNU RAM. V	Le arch design studio - Pondicherry	140 days

6.2 Sponsored / Industry Projects

S.No	Project Title	Name of the Student/s	Name of the Sponsored Industry / Research Institute / Partnering Institution	Duration of the Project (Months)
1	NIL			

6.3 Industrial Visits

S.No	Name of the Industry / Company / Research Institute	Date of Visit	Target Audience	Number of Students Participated
1	Deepanam School, Auroville	15.0321	II/IV	24
2	Chettinad Hospital, Chennai	16.03.21	III/VI	11
3	Dhakshin chitra, Chennai	17.03.21	I/II	25

6.4 Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
1	ATTIC Studio, Pondicherry	November 2020	Architectural Design	5 Years

SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	-
Number of Students opted Higher Studies	-
Number of Entrepreneur	-

7.1 Placements

S.No	Name of the Student	Name of the Company	Salary Package (per annum)
NIL			

7.2 Higher Studies

S.No	Name of the Student	Name of the Institution	Name of Program admitted to
1	-	-	-

7.3 Entrepreneur

S.No	Name of the Student	Name of the Company	Nature of Company	Location / Address
1	-	-	-	-

SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT

8.1 Technical Event / Workshop for Student

S.No	Name of the Event / Workshop	Organized under(Department / Student Association/ Profession Chapter / Student Club)	Date of Event	Level (State / National / International)	No. of Participants
1	Parametric Modelling	School of architecture	12.10.20	State	14
2	Revit Architecture	School of architecture	18.02.21	State	25

8.2 FDP /Workshop / STTP / Conference for Faculty

S.No	Name of the Event / Workshop	Organized under(Department / Student Association/ Profession Chapter)	Date of Event	Level (State / National / International)	No. of Participants
Nil					

SECTION – IX: ACHIEVEMENTS

9.1 Awards and Prizes Received by Students

S.No	Name of the Student	Event Name / Details	Organized by	Achievement / Position / Prizes
1	Tejaswee	Team kndc 2020 433/ Quarantine facility design	Karvan national design competition	Participation
2	Sathya. R	Tomorrow house 7d booster, Spring design competition	Archisource.co	Participation
3	Sathya. R	The sacred space design competition	Archdais.network.pvt.ltd	International event, Participation
4	Sathya. R	Poster design –	SMVEC	1st prize

		End corona		
5	Sathya. R	Street a float design competition	ARCH8. pvt.ltd	International event, Participation
6	Sathya. R	Painting competition,	Election department Puducherry, National	1st prize

9.2 Participation of teachers in various activities as a Members of Committees at University Level / State Level / National Level / International Level bodies

S.No	Name of the Faculty	Members of Committees at University Level / State Level / National Level / International Level as
1	Ar.R.Ragavendira	External Examiner
2	Ar.R.Satheesh Kumar	External Examiner
3	Ar.T.Mugesh	External Examiner

9.3 Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers

S.No	Name of the Faculty	Name of Editorial Boards / Conferences
	NIL	

9.4 Awards / Prizes and Recognitions received by teachers at University, State, National and International Level

S.No	Name of the Faculty	Name of Awards / Recognition
1	Nil	

9.5 Details of Faculty participated in Refresher Courses, Orientation Courses, Seminars, Workshops, Conferences at National and International Level

S.No	Name of the Faculty	FDP /STTP /Workshop /Conference Title	Organized by	Duration (Days)
1	Ar.R.Ragavendira	New Vaastu: Designing Sustainable Habitats in Post Pandamic Worls	Centre for Science and Environment, India	5 Days
		International Conference on Built Environment, Science and Technology	SRM University, Chennai (Civil) , UltraTech Cement Ltd. and The Institution of Engineers (I)	3 days
1	Ar.R.Satheesh Kumar	New Vaastu: Designing Sustainable Habitats in Post Pandamic Worls	Centre for Science and Environment, India	5 Days
		International Conference on Built Environment, Science and Technology	SRM University, Chennai (Civil) , UltraTech Cement Ltd. and The	3 days

			Institution of Engineers (I)	
3	Ar.T.Mugesh	New Vaastu: Designing Sustainable Habitats in Post Pandamic Worls	Centre for Science and Environment, India	5 Days
		International Conference on Built Environment, Science and Technology	SRM University, Chennai (Civil) , UltraTech Cement Ltd. and The Institution of Engineers (I)	3 days
3	Ar.Kanimozhi	New Vaastu: Designing Sustainable Habitats in Post Pandamic Worls	Centre for Science and Environment, India	5 Days
		International Conference on Built Environment, Science and Technology	SRM University, Chennai (Civil) , UltraTech Cement Ltd. and The Institution of Engineers (I)	3 days
3	Ar.R.Balaaji	New Vaastu: Designing Sustainable Habitats in Post Pandamic Worls	Centre for Science and Environment, India	5 Days
		International Conference on Built Environment, Science and Technology	SRM University, Chennai (Civil) , UltraTech Cement Ltd. and The Institution of Engineers (I)	3 days

Declaration by Principal (SOA/SMVEC)

I am aware that the above information provided by the department will be validated by the Academic and Administrative Audit (AAA) committee during the visit

Principal
(SOA/SMVEC)

Recommendations:

Section	Remarks
Curricular Aspects	All relevant documents are verified
Teaching, Learning and Evaluation	All relevant documents are verified
Structured Feedback	All relevant documents are verified
Research, Innovation and Publications	Publication count need to be increased
Collaborations and Linkages	Sponsored or Industry Projects count need to be increased
Student Progression	All relevant documents are verified
Activity Conducted / Organized by the Department	Organize more FDP/STTP in the department
Achievements	All relevant documents are verified
General Remarks	Most of the documents are available in the department

Signature of the External Academic Audit Experts

Dr. M. Karthikeyan
Professor,
Department of Mechanical Engineering,
Rajarajeswari College of Engineering,
Mysore Road, Bangalore – 560074.

Dr. R. Baskaran,
Professor,
Department of Industrial Engineering,
CEG, Anna University.

ACADEMIC AND ADMINISTRATIVE AUDIT

MASTER OF COMPUTER APPLICATIONS

ACADEMIC AND ADMINISTRATIVE AUDIT

(Academic Year 2020 - 21)

External Audit

SECTION –1 : BASIC INFORMATION

Audit Date	19/11/21	
Name of the Department	Master of Computer Applications	
Year of Establishment	2002	
Programs Offered	Name of the Program: P. G Program - MCA; Approved Intake: 120	
Head of the Department	Dr. A. Ramalingam	
Number of full time Teachers	Professor	02
	Associate Professor	03
	Assistant Professor	10
Number of Technical Staff	01	
Number of Students	For MCA: First Year: 97; Second Year: 65; Total: 162	
Faculty Student Ratio	1:15	

SECTION –2 : CURRICULAR ASPECTS

2.1 Academic Plan

S.No	Particular	Available (Yes / No)	Remarks
1	Department Academic Calendar	YES	-
2	Faculty Subject Preferences	YES	-
3	Elective choices from the Students	YES	-
4	Course allotment to the Faculty	YES	-
5	Time Table (UG and PG)	YES	-
6	Lesson plan for each Course	YES	-

Participation of the Faculty in the Curriculum development for courses offered in UG and PG programs

S.No	Name of the Faculty	Participated as	Course	Year / Sem
1.	**Dr.A.Ramalingam**	Department -In charge	**PG-MCA**	**I,II year**
2.	**Mr.R.Ramakrishnan**	Department -In charge	**PG-MCA**	**I,II year**
3.	**Dr.T.Amalraj Victoire**	Department -In charge	**PG-MCA**	**I,II year**
4.	**Mrs.M.Vasuki**	Department -In charge	**PG-MCA**	**I,II year**

2.2 List of Professional Elective Courses offered by the department

S.No	Year / Sem	Name of the Elective Course	Course Code	Number of Students Registered
ODD				
1	II/III/Batch(2019-22)	Advanced java	COMS549	01
2	II/III/Batch(2019-22)	Client server system	COMS534	01
3	III/V/Batch(2019-21)	Middleware Technology	COMS528	64
4	III/V/Batch(2019-21)	E-Commerce	COMS531	64
5	III/V/Batch(2019-21)	Data warehousing and mining	COMS546	64
EVEN				
1	I/II/Batch(2020-22)	Professional Elective-1: web services	P20MCE203	97
2	II/IV/Batch(2019-22)	Software testing and quality assurance	COMS544	01
3	II/IV/Batch(2019-22)	.Netframe work and C#	COMS533	01

2.3 List of Open Elective Courses offered by Other department

S.No	Year / Sem	Offering Department	Name of the Elective Course	Course Code	Number of Students Registered
-NIL-					

2.4 List of Skill Development Courses offered by the department

S.No	Year / Sem	Name of the Skill Development Course	Course Code	Number of Students Registered
Dec2020 – May2021(even)				
1	I/II	Skill Development Course-II (NPTEL / MOOC / SWAYAM)	P20MCS201	95
Jun 2020 – Nov 2020(odd)				
1	I/I	Skill Development Course-I	P20MCS101	97

2.5 List of Certification Courses offered by the department

S.No	Year / Sem	Name of the Certification Course	Course Code	Number of Students Registered
1	I/I	Certificate Course-I	P20MCC1XX	97
2.	III/V	JAVA Programming	-	64

2.6 List of Mandatory Courses offered by the department

S.No	Year / Sem	Name of the Mandatory Course	Course Code	Number of Students Registered
-NIL-				

SECTION –3: TEACHING, LEARNING AND EVALUATION

3.1 Course Delivery

I year/I Semester/Batch(2020-2022) : Dec 2020 – May 2020

S.No	Name of the Course /	Name of the Faculty	No. of Lectures /	No. of Lectures /	No. of Lectures /

	Code		Practical hours as per syllabus	Practical hours as per Lesson Plan	Practical hours conducted
1	P20MCT101	Dr.T.Gayathri	60	60	60
2	P20MCT102	Mrs. M. Vasuki/ Dr. T.Amalraj Victoire	45	45	45
3	P20MCT103	Dr. T.Amalraj Victoire/Mrs.M.Vasuki	45	45	45
4	P20MCT104	Mrs. Mathiyarsi	45	45	45
5	P20MCT105	Mr. R. Ramakrishnan/Dr.A.Ramalingam	45	45	45
PRACTICAL					
6	P20MCP101	Mrs. M. Vasuki/ Dr.T.Amalraj Victoire	40	40	40
7	P20MCP102	Dr. T.Amalraj Victoire/Mrs.M.Vasuki	40	40	40
8	P20MCP103	Mrs. Mathiyarsi	40	40	40

II year/III Semester/Batch(2019-22) : Dec 2020 – May 2021

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Database Management Systems/COMS401	Mrs. M. Vasuki	60	60	60
2	Computer Networks/COMS402	Dr. A. Ramalingam	45	45	45
3	Windows and Visual Programming /COMS403	Mr. R. Ramakrishnan	45	45	45
4	Advanced JAVA/COMS549	Dr.T.Amalraj Victoire	45	45	45
5	Client Server Systems/COMS534	Dr. A. Swaminathan	45	45	45
PRACTICAL					
6	Computer Lab V (DBMS)/ COMS408	Mrs. M. Vasuki	40	40	40
7	Computer Lab VI (Visual Programming)/ COMS409	Mr. R. Ramakrishnan	40	40	40

III year/V Semester/Batch(2019-21) : Dec 2021 – May 2022

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Computer Graphics/COMS501	Dr. A. Ramalingam	45	45	45
2	Management Concepts and Strategies/COMS502	Mr. R. Ramakrishnan	45	45	45

3	Middleware Technology/COMS528	Dr.T.Amalraj Victoire	45	45	45
4	E-Commerce/COMS531	Dr. Swaminathan. A	45	45	45
5	Data Warehousing and Mining/COMS546	Mrs. M. Vasuki	45	45	45
PRACTICAL					
6	Computer Lab IX (Graphics Lab/Animation 3D 2D)/ COMS508	Dr. T. Amalraj Victoire	40	40	40
7	Mini Project/COMS509	Dr. Swaminathan. A	40	40	40

I year/II Semester/Batch(2020-22) : Dec2020 – May2021(even)

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	P20MCT201	Mrs. M. Vasuki/Dr. A. Swaminathan	45	45	45
2	P20MCT202	Dr. A. Ramalingam/Mr. R. Ramakrishnan	45	45	45
3	P20MCT203	Mr. R. Ramakrishnan/Dr. T. Amalraj Victoire	45	45	45
4	P20MCT204	Dr. R. Ramachandiran	45	45	45
5	P20MCE203	Dr. T. Amalraj Victoire /Mrs. M. Vasuki	45	45	45
PRACTICAL					
6	P20MCP201	Mrs. M. Vasuki / Dr.A. Swaminathan	40	40	40
7	P20MCP202	Mr. R. Ramakrishnan/Dr. T. AmalrajVictoire	40	40	40
8	P20MCP203	Dr. R. Ramachandiran/Dr.R. Ramachandiran	40	40	40

III year/VI Semester/Batch(2019-21) : Dec2020 – May2021(even)

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
PRACTICAL					
1	Project Work / Viva-Voce/ PW6(1)	Dr.A.Ramalingam	40	40	40

II year/IV Semester/Batch(2019-22) : Dec2020 – May2021(even)

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted

		Mining/COMS546	
11	Mrs.M.Vasuki	Database Management Systems/COMS401	PPT/Lecture Videos, Digital writing Board
12	Dr. A. Ramalingam	Computer Networks/COMS402	PPT/Lecture Videos, Digital writing Board
13	Mr. R. Ramakrishnan	Windows and Visual Programming /COMS403	PPT/Lecture Videos, Digital writing Board
14	Dr.T.Amalraj Victoire	Advanced JAVA/COMS549	PPT/Lecture Videos, Digital writing Board
15	Dr. A. Swaminathan	Client Server Systems/COMS534	PPT/Lecture Videos, Digital writing Board

Semester: II,IV,VI /EVEN

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mrs. M. Vasuki/Dr. A. Swaminathan	Advanced Data Structure and Algorithm	PPT/Lecture Videos, Digital writing Board
2	Dr. A. Ramalingam/Mr. R. Ramakrishnan	Advanced Computer Networks	PPT/Lecture Videos
3	Mr. R. Ramakrishnan/Dr. T. Amalraj Victoire	Java Programming	PPT/Lecture Videos
4	Dr. R. Ramachandiran	Web Application Development	PPT/Lecture Videos, Digital writing Board
5	Dr. T. Amalraj Victoire /Mrs. M. Vasuki	Professional Elective-1: Web Service and Technologies	PPT/Lecture Videos, Digital writing Board
6	Dr. T. Amalraj Victoire	Internet Programming and Web Technology/ COMS451	PPT/Lecture Videos
7	Mrs. M. Vasuki	Automata Theory and Compiler Design/ COMS452	PPT/Lecture Videos
8	Dr.A.Swaminathan	Software Engineering/ COMS453	PPT/Lecture Videos, Digital writing Board
9	Dr.R.Ramachandiran	.NET Framework and C#/ COMS533	PPT/Lecture Videos, Digital writing Board
10	Mr. R. Ramakrishnan	Software Testing and Quality Assurance/ COMS544	PPT/Lecture Videos, Digital writing Board

3.3 List of Expert Lectures / Workshop Conducted

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audiance
Expert Lectures				
1	HTML5, AngularJS	Mr. Rajasekar Fourth Ape Technologies, Puducherry	12/06/2020	97
2	Machine learning	Mr.J.Udayakumar Founder and CEO Genesys Academy of computer science. Pondicherrry.	10/7/2020	65
3	Data Science	Dr.BehinSam,PG & Research Dept of Computer Science	12/2/2021	65

1	Internet Programming and Web Technology/ COMS451	Dr. T. Amalraj Victoire	45	45	45
2	Automata Theory and Compiler Design/ COMS452	Mrs. M. Vasuki	45	45	45
3	Software Engineering/ COMS453	Dr.A.Swaminathan	45	45	45
4	.NET Framework and C#/ COMS533	Dr.R.Ramachandiran	45	45	45
5	Software Testing and Quality Assurance/ COMS544	Mr. R. Ramakrishnan	45	45	45
PRACTICAL					
6	Computer Lab VII (Web Technology)/ COMS458	Dr. T. Amalraj Victoire	40	40	40
7	Computer Lab VIII (CASE Tools)/ COMS459	Dr.A.Swaminathan	40	40	40

3.2 Use of ICT Tools in Teaching Learning

Semester: I,III,V/ODD

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Dr.T.Gayathri	Mathematical Foundations of Computer Applications	PPT/Lecture Videos, Digital writing Board
2	Mrs. M. Vasuki	Object Oriented Programming in C++	PPT/Lecture Videos
3	Dr. T. Amalraj Victoire	Advanced Database Management Systems	PPT/Lecture Videos
4	Mrs. Mathiyarsi	Accounting and Financial Management	PPT/Lecture Videos, Digital writing Board
5	Mr. R. Ramakrishnan	Problem Solving Approach	PPT/Lecture Videos, Digital writing Board
6	Dr. A. Ramalingam	Computer Graphics/COMS501	PPT/Lecture Videos
7	Mr. R. Ramakrishnan	Management Concepts and Strategies/COMS502	PPT/Lecture Videos
8	Dr. T. Amalraj Victoire	Middleware Technology/COMS528	PPT/Lecture Videos, Digital writing Board
9	Dr. A. Swaminathan	E-Commerce/COMS531	PPT/Lecture Videos, Digital writing Board
10	Mrs. M. Vasuki	Data Warehousing and	PPT/Lecture Videos

		Dr.Ambedcar Arts College, Autonomous / Chennai		
4	Software Testing	Mr.A.Montfort Lawrence. Associate programmer, Integra software services PVT LTD	2/4/2021	97
5	JQuery, NOSQL, MangoDB	Mr. Mohan Kumar,Technical Lead, HCL Technologies, Navalur, Chennai	19/3/2021	65
	Workshops			
1	introduction of python and R Tool	Nirmalaeswaran.P Director & Co founder , RED FOX Education.	7/8/2020	65
7	Hadoop programming	Mr. Mohan Kumar,Technical Lead, HCL Technologies, Navalur, Chennai	6/8/2021	95
8	Block Chain	Mr. Rajasekar Fourth Ape Technologies, Puducherry	27/8/2021	95

3.4 Activities for Slow and Advanced Learners

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
Dec 2021 – May 2022 **I Year / I Sem 2020-2022**					
1	Mathematical Foundations of Computer Applications	Mr. Kaviarasan	Yes	5	Yes
2	Object Oriented Programming in C++	Dr. T. Amalraj Victoire	Yes	4	Yes
3	Advanced Database Management Systems	Mrs. M. Vasuki	Yes	4	Yes
4	Accounting and Financial Management	Mrs. Mathiarasi	Yes	6	Yes
5	Problem Solving Approach	Mr. R. Ramakrishnan	Yes	3	Yes
II year / III Sem 2019-2022					

1	Database Management Systems/COMS401	Dr. A. Ramalingam	Yes	5	Yes
2	Computer Networks/COMS402	Mr. R. Ramakrishnan	Yes	3	Yes
3	Windows and Visual Programming /COMS403	Dr. T. Amalraj Victoire	Yes	4	Yes
4	Advanced JAVA/COMS549	Dr. A. Swaminathan	Yes	3	Yes
5	Client Server Systems/COMS534	Mrs. M. Vasuki	Yes	5	Yes
IIIyr/Vsem /BATCH(2019-21)					
1	Computer Graphics/COMS501	Dr. A. Ramalingam	Yes	5	Yes
2	Management Concepts and Strategies/COMS502	Mr. R. Ramakrishnan	Yes	3	Yes
3	Middleware Technology/COMS528	Dr.T.Amalraj Victoire	Yes	4	Yes
4	E-Commerce/COMS531	Dr. Swaminathan. A	Yes	3	Yes
5	Data Warehousing and Mining/COMS546	Mrs. M. Vasuki	Yes	5	Yes
May 2022 – Sept 2022 I Year / II Sem 2021-2023					
1	Advanced Data Structure and Algorithm	Mrs. M. Vasuki	Yes	03	Yes
2	Advanced Computer Networks	Dr. A. Ramalingam	Yes	03	Yes
3	Java Programming	Mr. R. Ramakrishnan	Yes	04	Yes
4	Web Application Development	Dr.T.Amalraj Victoire	Yes	05	Yes
5	Professional Elective-1: Web Service and Technologies	Dr. A. Karunamurthy	Yes	12	Yes
II year / IV Sem 2019-2022					
1	Internet Programming and Web Technology/ COMS451	Dr. T. Amalraj Victoire	Yes	04	Yes
2	Automata Theory and Compiler Design/ COMS452	Mrs. M. Vasuki	Yes	04	Yes
3	Software Engineering/ COMS453	Dr.A.Swaminathan	Yes	02	Yes
4	.NET Framework and C#/ COMS533	Dr.R.Ramachandiran	Yes	05	Yes
5	Software Testing and Quality Assurance/ COMS544	Mr. R. Ramakrishnan	Yes	02	Yes

3.5 Counseling and Mentoring

S.No	Particular	Yes / No	Remarks (if any)
1	Mentor Allocation	Yes	-
2	Class wise student Profile Record Maintained	Yes	-
3	Mentor – Mentee Session Record Maintained	Yes	-

No. of Students in Department	Number of Full Time Teachers in the Department	Mentor : Mentee Ratio
162	15	1:11

3.6 Internal Evaluation Systems

S.No	Particular	Yes / No	Remarks (if any)
1	Continuous Assessment Test Record	Yes	-
2	Seminar / Project Review Record	Yes	-
3	End Semester Examination Record	Yes	-
4	Student Grade Report	Yes	-

3.7 Learning Outcomes

S.No	Particular	Yes / No	Remarks (if any)
1	PO, PEO, PSO, CO are well stated	Yes	-
2	Correlation of COs with POs and PSOs for each Course	Yes	-
3	Course Outcome Attainment Calculated	Yes	-
4	PSO and PO attainment through CO	Yes	-

3.8 Student Performance in End Semester Examination

Semester –

Sr. No	Particular	MCA
1	Number of Students appeared	64
2	Number of All Clear Students	64
3	Number of Students passed with Distinction	54
4	Number of Students passed with First Class	10
5	Number of Students passed with Second Class	-
6	Number of Students Failed	nil
7	Passing Percentage	100%

SECTION – IV : STRUCTURED FEEDBACK

S.No	Particular	Yes / No	Number of Feedback Collected	Remarks (if any)
1	Student Feedback on Teaching and Learning conducted with action taken report	Yes	130	-

2	Parent Meet / Parent Feedback on Teaching conducted with action taken report	Yes	30	-
3	Student Exit Survey conducted and Analysed	Yes	25	-
4	Alumni Feedback conducted and Analysed	Yes	30	-

SECTION – V : RESEARCH, INNOVATION AND PUBLICATIONS

5.1 Research Grants, Projects completed and ongoing from various Funding Agencies

S.No	Principle Investigator	Title of Project / Grants	Funding Agency	Amount (Rs. in Lakhs)	Duration of the project
-NIL-					

5.2 Consultancy Works

S.No	Name of the Faculty	Nature of Consultancy	Funding Agency	Fund Generated	Duration of the Consutancy
1	Dr. A. Ramalingam	Non Goverment	Snow Boss	Rs.75,000/-	28.12.2020(9 month)
2	Mr.R.Ramakrishnan	Non Goverment	Multiple Share Creation for Medical Image Transmission through IOT devices	Rs.1,00,000/-	28.12.2020(7 months)
3	Dr.A.Swaminathan	Non Goverment	Online Training Portal for Educational Institutions	Rs. 2,00,000/-	28.12.2020(6 months)

5.3 Faculty Publications

Publication Details (Last Four Years)

Sr. No	Academic Year	Papers Published in peer reviewed Journals	Scopus, Web of Science Indexing Papers	Total Number of Citations	h-index	Impact Factor range / Average Imapact Factos
1	2021-2022	03	UGC-CARE I, SCOPUS 1	10	1	1.5
2	2020-2021	8	2	-	-	-
3	2019-2020	4	1	-	1	-
4	2018-2019	-	-	-	-	-

Publication Details for Academic Year consider for Auditing

Number of Publication in National Journals	**Nil**
Number of Publication in International Journals	**03**

Number of Publication in National Conferences	**Nil**
Number of Publication in International Conferences	**Nil**
Number of Books / Book Chapters	**Nil**
Number of Patent (Filed)	**04**
Number of Patents Granted	**04**

National Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	ISBN / ISSN
-NIL-				

International Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	Vol, issue, pp, ISBN/ISSN	Indexing
1.	Secured data sharing by two factor data protection mechanism for cloud storage	Ramalingam. A,Kodhai.E,Gayathri. K, Vivekanandan. K,V.S.K Venkatachalapathy	Mukt Shabd Journal,.	, Vol. IX, Issue VII, July 2020, pp.1198-1208, **ISSN: 2347-3150**	
2.	Quasi oppositional cat swarm optimization algorithm based geographic routing in vehicular ad-hoc networks	A. Ramalingam, A. Karthikram, P. Sivakumar	Journal of Critical Reviews (JCR),	Vol.7, Issue 13,, August 2020, pp.2133-2141,	
3.	Memory based collaborative filtering method for finding websites for online academic consultant	Dr.T. Amalraj victoire,R.ramakrishnan,Mrs. M. Vasuki.	Aut Aut Research Journal,	Volume XI, Issue VII, , July/2020. Page No:476	
4.	A survey on students placement performance analysis using weka tool	Mrs. M. Vasuki,Dr. T. Amalraj victoire,R.Ramakrishnan,	Aut Aut Research Journal, ,	Volume XI, Issue VII, July/2020, Page No:482	
5.	A survey on encryption and deception based approaches for data security on cloud	R. Ramachandran, N. Arunachalam, K. Deebiga, R. Surekha	The International journal of analytical and experimental modal analysis..	Volume XII, Issue IV,April/2020.	
6.	Enhanced Location Aided Routing In Vehicular Ad-Hoc Networks Using Cat Swarm Optimization	Dr. A. Ramalingam, E. Gurumoorthi Dr.A. Ayyasamy K. Vivekanandan V.S.K.Venkatachalapathy	Journal of Critical Reviews (JCR), ,	September 2020	
7.	Challenges, Issuesof Energy Efficiency in IoT devices and an analysis of	R.Ramakrishnan Dr.K.Sasikala Dr.M.Nithya	MuktShabd Journal/	Vol.7, Issue 11, page no.478-484,, November-2020,	

	batterylife power consumption in IoTdevices and Applications				
8.	Challenges, Issuesof Energy Efficiency in IoT devices and an analysis of batterylife power consumption in IoTdevices and Applications	R.Ramakrishnan Dr.A.Nagappan Dr.K.Sasikala	International Journal of Emerging Technologies and Innovative Research	Volume 26/, Issue 12, 2020/539-549	
9.	A Graph-Based Semi-Supervised Learning Approach for Mining Health Investigation Records	M. Vasuki1 T. Amalraj Victoire A. Naresh S. Narendiran	High Technology Letters	doi:10.1088/1757-899X/993/1/012058/1-13	
10	Analysis of Oral Squamous Cell Carcinoma into Various Stages using Pre-Trained Convolutional Neural Networks	A. RamalingamA. Ramalingam , P. Aurchana , P. Dhanalakshmi , K. Vivekananadan and V.S. K. venkatachalapathy	IOP Publishing		
11	Sentiment Analysis on Social Media and their recent Trends	Dr. A. Swaminathan,Dr. R. Raju	BioScience BioTechnology Research Communication	Vol.12No.11 (2021),	
12	EvaluatingStudents Placement Performance Using Normalized K-Means Clustering Algorithm	M. Vasuki, Dr.S. Revathy	Turkish Journal of Computer and Mathematics Education		
13	An Evolutionary Algorithm Based Multi-Level Thresholding OnMedical Image Segmentation	A. Ramalingam 1 , P. Mahalakshmi 2 , R. Saravanan 3 , N. Hema Rajini 4 , K. Yazhini 5	Turkish Journal Of Physiotherapy And Rehabilitation	Volume: 07 Issue: 02 | Feb 2020.	
14	An Automated Learning Approach For Detection Of Diabetic Retinopathy Using Deep Learning	S. Balaji, Dr. R. Ramachandiran, P. Karthikayan, P. Udhayakumar, V. Prathap	International Research Journal Of Engineering And Technology (IRJET),	Volume 26, Issue 12,	
15	An Efficient Zernike Moments With Logistic Regression Classifier Based Skin Lesion Diagnosis Using	R.Thanga Selvi, A. Ramalingam	European Journal Of Molecular & Clinical Medicine/	2020,522-529	

	Dermoscopic Images				
16	Machine Learning Based Kernel Extreme Learning Machine Model For Medical Data Classification	Dr. S. Anand Christy , A. Ramalingam , D. Vigneshwara Raj	High Technology Letters 2020	Volume 26, Issue 11, 2020	
17	An Efficient Msb Bit Prediction Using Convolution Neural Network (Cnn)	Dr.R.Raju, Dr.A.Swaminathan	High Technology Letters	2020	

National Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
	NIL					

International Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
1	A cloud Base Virtual Connectivity with EEG Sensor Using Internet Of Things (IOT)	R.Ramakrishnan,	ICRESEARCH2021	International Conference on Recent Emerging Science, Engineering & Advanced Research in Communication and Healthcare	2395-0056	Fast Track Publications
2	Efficient Handling of Incomplete basic Partitions by Spectral Greedy K-Means Consensus Clustering	M.Vasuki	ICCMC2020	International Conference on Computing Methodologies and Communication	978-1-7281-4888-5	IEEE

Books / Book Chapters

S.No	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
	NIL			

Patent

S.No	Name of the Applicant (s)	Name of the Inventor (s)	Title	Application No. & Patent Filed Date	Country	Current Status
Nil						

SECTION – VI: COLLABORATIONS AND LINKAGES

6.1 Student Internships

S.No	Name of the Student	Name of the Sponsored Industry	About Internship		
			Duration	From	To date

		/ Research Institute / Partnering Institution		date	
1	DEVANATH K	RED FOX EDUCATION	1 months	18-02-2021	18-03-2021
2	JAGANRAJ S	RED FOX EDUCATION	1 months	18-02-2021	18-03-2021
3	JOHNSON C	RED FOX EDUCATION	1 months	18-02-2021	18-03-2021
4	RAJENDRAN.R	RED FOX EDUCATION	1 months	18-02-2021	18-03-2021
5	NARENDIRAN	THIRSTY CROWZ	1 months	01-01-2021	01-02-2021
6	ABIRAMI R	THIRSTY CROWZ	1 months	01-01-2021	01-02-2021
7	BARATH R	THIRSTY CROWZ	1 months	01-01-2021	01-02-2021
8	INDUJA P	THIRSTY CROWZ	1 months	01-01-2021	01-02-2021
9	PAWAN KUMAR L	THIRSTY CROWZ	1 months	01-01-2021	01-02-2021
10	RAMKUMAR S	THIRSTY CROWZ	1 months	01-01-2021	01-02-2021
11	RATHIDEVI K	THIRSTY CROWZ	1 months	01-01-2021	01-02-2021
12	SRIRAM R	THIRSTY CROWZ	1 months	01-01-2021	01-02-2021
13	SUJATHA S	THIRSTY CROWZ	1 months	01-01-2021	01-02-2021
14	SURYA R	THIRSTY CROWZ	1 months	01-01-2021	01-02-2021
15	UMAMAGESHWARI A	THIRSTY CROWZ	1 months	01-01-2021	01-02-2021
16	VIDTHIIYAPRIYA S	THIRSTY CROWZ	1 months	01-01-2021	01-02-2021
17	VIJAY KUMARAN. A	THIRSTY CROWZ	1 months	01-01-2021	01-02-2021

6.2 Sponsored / Industry Projects

S.No	Project Title	Name of the Student/s	Name of the Sponsored Industry / Research Institute / Partnering Institution	Duration of the Project (Months)
1	**Industry Projects**	ABIRAMI.R	SMART TENDER CONTRACT METHOD IMPLEMENTS AS BLOCK CHAIN	6 Months
2	**Industry Projects**	AJITHKRISHNAN.R	COVID-19 FUTURE FORECASING USING SUPERVISED MACHINE LEARNING MODELS	6 Months
3	**Industry Projects**	AKALYA. B	VBK TELECOMMUNICATIONS	6 Months
4	**Industry Projects**	ALMUSTAQ M	COVID-19 TESTING MANAGEMENT SYSTEM	6 Months
5	**Industry Projects**	ARAVIND A	DIGITAL SECURITY SYSTEM	6 Months
6	**Industry Projects**	ARTHI. A	CRIME INVESTIGATION MANAGEMENT SYSTEM	6 Months
7	**Industry Projects**	BARATH R	BUSINESS TO BUSINESS PURCHASE SYSTEM	6 Months
8	**Industry Projects**	BHUVANESHWARAN S	DEEP LEARNING APPROACHES FOR COVID-19 DIAGNOSIS	6 Months
9	**Industry Projects**	CHANDRU.S	EMOTIONAL DETECTION IN ONLINE SOCIAL NETWORK	6 Months
10	**Industry Projects**	DEEPAKRAJ.E	IMPROVING SECURITY AND PRIVACY ATTRIBUTE BASED DATA SHARING IN CLOUD COMPUTING	6 Months
11	**Industry Projects**	DESAM A	REAL ESTATE MANAGEMENT SYSTEM	6 Months
12	**Industry Projects**	DEVANATH K	SHOPPING CART	6 Months
13	**Industry Projects**	DHIVYA BHARATHI.V	EYEBALL DETECTION USING IMAGE PROCESSING	6 Months
14	**Industry Projects**	S DHIVYA	DISEASE PREDICTION SYSTEM USING MACHINE LEARNING	6 Months
15	**Industry Projects**	GOPIKA UNNIKRISHNAN	SMART LAB	6 Months
16	**Industry Projects**	V.GOWSALYA	ONLINE SHOPPING WEBSITE	6 Months

			FOR CONSTRUCTION MATERIALS	
17	**Industry Projects**	GURUVARAN S	ONLINE RECRUITMENT SYSTEM FOR TWILIGHT IT SOLUTION	6 Months
18	**Industry Projects**	V.HARIHARAN	PARAMEDICAL STOCK AND SALES MANAGEMENT SYSTEM	6 Months
19	**Industry Projects**	HARIKRISHNA M	CONTENT PROTECTOR USING BLOCKCHAIN	6 Months
20	**Industry Projects**	INDUJA P	EXECUTIVE EMPLOYEE SERVICE PORTAL MANAGEMENT	6 Months
21	**Industry Projects**	JAGADESH.R	EBOOK SERVICE BOT	6 Months
22	**Industry Projects**	JAGANRAJ S	ONLINE SCHEDULING AND PLAN CUSTOMIZING	6 Months
23	**Industry Projects**	JANANI.S		6 Months
24	**Industry Projects**	JAYASREE.S	WEB TRAFFIC ANALYZER TOOL SYSTEM	6 Months
25	**Industry Projects**	JOHNSON C	GROUP MESSAGING SYSTEM USING MOBILE APPLICATION	6 Months
26	**Industry Projects**	KAVIYA K	LEARNING MANAGEMENT SYSTEM	6 Months
27	**Industry Projects**	M KAVIYARASAN	PARAMEDICAL PRODUCTION MANAGEMENT SYSTEM	6 Months
28	**Industry Projects**	KEERTHIKA.R		6 Months
29	**Industry Projects**	KERRTHANA V	LIGHT WEIGHT SECURE DATA SHARING IN CLOUD COMPUTING	6 Months
30	**Industry Projects**	KRISHNACHANDHAR R	VEHICLE SERVICE MAINTENANCE SYSTEM	6 Months
31	**Industry Projects**	MAHALAKSHMI. B	DEEP MONUMENT ASYMMETRY ALLOCATION FOR BREAKDOWN PREDICTION	6 Months
32	**Industry Projects**	MUHAMED MISBEER KHAN	BUG TRACKING SYSTEM	6 Months
33	**Industry Projects**	MURALIDHARAN R	ANIMAL DETECTION AND RECOGNITION USING CNN	6 Months
34	**Industry Projects**	NARENDIRA KUMAR R	A MACHINE LEARNING METHODOLOGY FOR DIAGNOSING CHRONIC DISEASES. OSING CH	6 Months
35	**Industry Projects**	NARENDIRAN.S	SECOND HAND CAR PRICE PREDICTION	6 Months
36	**Industry Projects**	NARESH.A	AN EFFICIENT APPROACH TO DETECT AUTISM IN CHILD USING MACHINE LEARNING AND DEEP LEARNING	6 Months
37	**Industry Projects**	PAWAN KUMAR L	LOCATION BASED HEALTH CARE SERVICE	6 Months
38	**Industry Projects**	J .PRIANKA	FILE TRACKER MANAGER SYSTEM	6 Months
39	**Industry Projects**	RAJENDRAN.R	COURSES LISTING AND PREVIEWS USING ANDROID APP	6 Months
40	**Industry Projects**	RAJESH.I	PEOPLE PETETION SYSTEM	6 Months
41	**Industry Projects**	RAJESH P	MEDIC ASSIST	6 Months
42	**Industry Projects**	RAJESWARI D	E-SHOPPING SYSTEM	6 Months
43	**Industry Projects**	RAMKUMAR S	CUSTOMER RECOMMEND BASED E COMMERCE APPLICATION	6 Months
44	**Industry Projects**	RATHIDEVI.K	AN ENHANCED CENTIMETAL ANALYSIS FOR PREDICTING	6 Months

			THE CUSTOMER SATISFACTION IN E-COMMERCE	
45	**Industry Projects**	RAVINDAR M	CROP YIELD PREDICTION BASED ON INDIA AGRICULTURE USING MACHINE LEARNING	6 Months
46	**Industry Projects**	SANTHANALAKSHMI D	LEAD MANAGEMENT SYSTEM	6 Months
47	**Industry Projects**	SARANYA A	CENTRALIZED HOSPITAL MANAGEMENT SYSTEM	6 Months
48	**Industry Projects**	SARANYA D	A CRYPTOGRAPHIC SHARDING ACHIEVE STRIDE SCALING ABILITY	6 Months
49	**Industry Projects**	R.SARANYA	MRS HANDYMAN SERVICE	6 Months
50	**Industry Projects**	SATHIS.R	AUTOMATED INFRASTRUCTURE SYSTEM	6 Months
51	**Industry Projects**	SOMAYA VISALI K	CRYSTAL CARGO MANAGEMENT SYSTEM	6 Months
52	**Industry Projects**	SRIRAM R	HEALTH CARE CHATBOT	6 Months
53	**Industry Projects**	SUJATHA S	REALTOR MANAGEMENT SYSTEM	6 Months
54	**Industry Projects**	SURENDARAN. D	A SECURE G- CLOUD BASED FRAMEWORK FOR GOVERNMENT HEALTHCARE SERVICES	6 Months
55	**Industry Projects**	SURIYA K	PRODUCTS LISTING AND CONTACT LISTING USING MOBILE APPLICATION	6 Months
56	**Industry Projects**	SURYA R	TENANT DIRECTORY MANAGEMENT SYSTEM USING PHP	6 Months
57	**Industry Projects**	UMAMAGESWARI A	ERP MANAGEMENT SYSTEM FOR CONSTRUCTION	6 Months
58	**Industry Projects**	VASANTH M	ONLINE FOOD ORDERING	6 Months
59	**Industry Projects**	VENKATESH G	HEART DISEASE PREDICTION USING MACHINE LEARNING	6 Months
60	**Industry Projects**	S VIDTHIYAPRIYA	VETERINARY CARE FOR ANIMAL MEDICAL SOLUTION	6 Months
61	**Industry Projects**	VIJAY KUMARAN. A	ATTENDANCE REGISTRATION USING FACE RECOGNITION	6 Months
62	**Industry Projects**	VIJAYALAKSHMI B	MAXIMIZE THE EFFICIENCY OF E-BOOK READER	6 Months
63	**Industry Projects**	YOGESHWARY.S	TASK/PROJECT MANAGEMENT SYSTEM (CRM)	6 Months
64	**Industry Projects**	YOGESWARI.K	CRYPTO WALLET	6 Months

6.3 Industrial Visits

S.No	Name of the Industry / Company / Research Institute	Date of Visit	Target Audience	Number of Students Participated
-NIL-				

6.4 Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
-NIL-				

SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	26
Number of Students opted Higher Studies	NIL
Number of Entrepreneur	NIL

7.1 Placements

S.No	Name of the Student	Name of the Company	Salary Package (per annum)
1.	JAYASREE.S	ACCENTURE	4.50 LAKHS
		APPASAMY ASSOCIATE P (LTD).	1.8 LAKHS
2.	BHUVANESHWARAN. S	TCS	3.53 LAKHS
3.	DHIVYA.S	TCS	3.53 LAKHS
4.	KAVIYA K	TCS	3.53 LAKHS
5.	NARESH A	TCS	3.53 LAKHS
		SUTHERLAND	2.4 LAKHS
6.	SANTHANALAKSHMI D	TCS	3.53 LAKHS
		HACKWIT TECHNOLOGIES PVT LTD	1.8 LAKHS
7.	SATHISH R	TCS	3.53 LAKHS
8.	SOMAYA VISALI.K	TCS	3.53 LAKHS
		COGNITION TECHNOLOGY SERVICE PVT LTD	1.8 LAKHS
9.	SARANYA A	TCS	3.53 LAKHS
		APPASAMY ASSOCIATE P (LTD).	1.8 LAKHS
10.	SUJATHA S	TCS	3.53 LAKHS
		THIRSTY CROWZ	1.8 LAKHS
11.	YOGESWARI.K	TCS	3.53 LAKHS
		HACKWIT TECHNOLOGIES PVT LTD	1.8 LAKHS
12.	VIJAYALAKSHMI B	ATOS SYNTEL	3.40 LAKHS
		SUTHERLAND	2.4 LAKHS
		COGNITION TECHNOLOGY SERVICE PVT LTD	1.8 LAKHS
		TWILIGHT IT SOLUTION PVT LTD	1.8 LAKHS
13.	DEVANATH K	SUTHERLAND	2.4 LAKHS
		RED FOX EDUCATION	1.8 LAKHS
14.	GURUVARAN S	SUTHERLAND	2.4 LAKHS
		TWILIGHT IT SOLUTION PVT LTD	1.8 LAKHS
15.	INDUJA P	SUTHERLAND	2.4 LAKHS
		THIRSTY CROWZ	1.8 LAKHS
16.	NARENDIRA KUMAR R	SUTHERLAND	2.4 LAKHS
17.	RAJENDRAN.R	SUTHERLAND	2.4 LAKHS
		RED FOX EDUCATION	1.8 LAKHS
18.	RATHIDEVI K	SUTHERLAND	2.4 LAKHS
		THIRSTY CROWZ	1.8 LAKHS
19.	SARANYA D	SUTHERLAND	2.4 LAKHS
20.	SRIRAM R	SUTHERLAND	2.4 LAKHS
		THIRSTY CROWZ	1.8 LAKHS
21.	SURYA R	SUTHERLAND	2.4 LAKHS
		THIRSTY CROWZ	1.8 LAKHS
22.	VIJAY KUMARAN. A	SUTHERLAND	2.4 LAKHS
		THIRSTY CROWZ	1.8 LAKHS
		APPASAMY ASSOCIATE P (LTD).	1.8 LAKHS
23.	PAWAN KUMAR.L	Sensiple Software Solutions Pvt. Ltd	2.4 LAKHS

		THIRSTY CROWZ	1.8 LAKHS
24.	UMAMAGESWARI.A	Sensiple Software Solutions Pvt. Ltd	2.4 LAKHS
		THIRSTY CROWZ	1.8 LAKHS
		PROMAKE INNOVATIVE PERFORMANCE	1.8 LAKHS
25.	AJITHKRISHNAN.R	APPASAMY ASSOCIATE P (LTD).	1.8 LAKHS
		CLOUDLOGIC TECHNOLOGIES PVT LTD	1.8 LAKHS
26.	ARTHI. A	APPASAMY ASSOCIATE P (LTD).	1.8 LAKHS
27.	HARIHARAN.V	BONN SCHTERING BIO SCIENCE	1.8 LAKHS
28.	KAVIYARASAN. M	BONN SCHTERING BIO SCIENCE	1.8 LAKHS
29.	AKALYA. B	CLOUDLOGIC TECHNOLOGIES PVT LTD	1.8 LAKHS
30.	DESAM A	CLOUDLOGIC TECHNOLOGIES PVT LTD	1.8 LAKHS
31.	MUHAMED MISBEER KHAN	CLOUDLOGIC TECHNOLOGIES PVT LTD	1.8 LAKHS
32.	JAGADESH. R	COGNITION TECHNOLOGY SERVICE PVT LTD	1.8 LAKHS
33.	GOPIKA UNNIKRISHNAN	HACKWIT TECHNOLOGIES PVT LTD	1.8 LAKHS
34.	SARANYA.R	HACKWIT TECHNOLOGIES PVT LTD	1.8 LAKHS
35.	GOWSALYA. V	PROMAKE INNOVATIVE PERFORMANCE	1.8 LAKHS
36.	YOGESHWARY S	RED FOX EDUCATION	1.8 LAKHS
37.	JAGANRAJ S	RED FOX EDUCATION	1.8 LAKHS
38.	JOHNSON C	RED FOX EDUCATION	1.8 LAKHS
39.	SURIYA K	REDPYX TECHNOLOGIES	1.8 LAKHS
40.	NARENDIRAN	THIRSTY CROWZ	1.8 LAKHS
41.	ABIRAMI R	THIRSTY CROWZ	1.8 LAKHS
42.	BARATH R	THIRSTY CROWZ	1.8 LAKHS
43.	RAMKUMAR S	THIRSTY CROWZ	1.8 LAKHS
44.	VIDTHIIYAPRIYA S	THIRSTY CROWZ	1.8 LAKHS
45.	ARAVIND A	TWILIGHT IT SOLUTION PVT LTD	1.8 LAKHS

7.2 Higher Studies

S.No	Name of the Student	Name of the Institution	Name of Program admitted to
-NIL-			

7.3 Entrepreneur

S.No	Name of the Student	Name of the Company	Nature of Company	Location / Address
-NIL-				

SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT

8.1 Technical Event / Workshop for Student

S.No	Name of the Event / Workshop	Organized under(Department / Student Association/ Profession Chapter / Student Club)	Date of Event	Level (State / National / International)	No. of Participants
1	Seminar/ Middleware	MCA	23-11-2020	-	

	Technology				
2	Data Warehousing and Mining	MCA	24-11-2020	-	
3	Management Concept	MCA	25-11-2020	-	
4	E-Commerce	MCA	26-11-2020	-	
5	Computer Graphics	MCA	27-11-2020	-	

8.2 FDP /Workshop / STTP / Conference for Faculty

S.No	Name of the Event / Workshop	Organized under (Department / Student Association/ Profession Chapter)	Date of Event	Level (State / National / International)	No. of Participants
1	Machine Learning with R Tool	Department	2/11/2020 to 6/11/2020	-	05

SECTION – IX: ACHIEVEMENTS

9.1 Awards and Prizes Received by Students

S.No	Name of the Student	Event Name / Details	Organized by	Achievement / Position / Prizes
Nil				

9.2 Participation of teachers in various activities as a Members of Committees at University Level / State Level / National Level / International Level bodies

S.No	Name of the Faculty	Members of Committees at University Level / State Level / National Level / International Level as
-NIL-		

9.3 Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers

S.No	Name of the Faculty	Name of Editorial Boards / Conferences
-NIL-		

9.4 Awards / Prizes and Recognitions received by teachers at University, State, National and International Level

S.No	Name of the Faculty	Name of Awards / Recognition
1	Dr.A.Ramalingam	Best Teacher
2	Mr.R.Ramakrishnan	Best Faculty

9.5 Details of Faculty participated in Refresher Courses, Orientation Courses, Seminars, Workshops, Conferences at National and International Level

S.No	Name of the Faculty	FDP /STTP /Workshop /Conference Title	Organized by	Duration (Days)
1	Dr.T.Amalraj Victoire	Internet of Things	ATAL, FDP, KIIT	1/02/2021 - 05/02/2021
2	M.Vasuki	Internet of Things	ATAL, FDP, KIIT	1/02/2021 - 05/02/2021

3	Dr.A.Ramalingam	Internet of Things	ATAL, FDP, KIIT	1/02/2021 - 05/02/2021
4	Mr.R.Ramakrishnan	Internet of Things	ATAL, FDP, KIIT	1/02/2021 - 05/02/2021
5	Dr.A.Swaminathan	Internet of Things	ATAL, FDP, KIIT	1/02/2021 - 05/02/2021
6	Dr. R. Ramachandiran	Internet of Things	ATAL, FDP, KIIT	26/12/2020 - 30/12/2020
7	Dr. R. Ramachandiran	Internet of Things	ATAL, FDP, KIIT	1/02/2021 - 05/02/2021
8	Dr. R. Ramachandiran	Design thinking	ATAL, FDP, KIIT	08/11/2020- 12/11/2020
9	Dr.T.Amalraj Victoire	WIPRO certified faculty development program	WIPRO	24-08-2020 To 25-08-2020 (5 Weeks)
10	Dr.T.Amalraj Victoire	Faculty awareness programme on Outcome Based Education	Sinhgad institute of technology and science	16/05/2020
11	Dr.T.Amalraj Victoire	Faculty Program on NBA	BharathiVidhayapeeth college of Engineering	13/05/202
12	Dr.T.Amalraj Victoire	Data Science and Cloud Computing	CHEBROLU ENGINEERING COLLEGE	18/05/2002-22/02/2020
13	Dr.T.Amalraj Victoire	NAAC Awareness Programme for faculty	MarathwadaMithraandal's Institute of technology	8/05/2020 – 14/05/2020
14	Dr.T.Amalraj Victoire	R programming	Spoken Tutorial Project, IIT Bombay.	11/05/2020 – 15/05/2020
15	Dr.T.Amalraj Victoire	PHP an MySQL	JNTUH College of Engineering , IIT Bombay	18/05/2020 – 23/05/2020
16	Dr.T.Amalraj Victoire	Artificial Intelligence	National youth council &Brainovision solution Pvt.LTD.	22/05/2020 – 26/05/2020
17	Dr.T.Amalraj Victoire	Outcome Based Education a step towards excellence	Government college of Engineering Karad	11/05/2020 – 15/05/2020
18	Dr.T.Amalraj Victoire	APPLICATIONS OF G-SUITE EDUCATION	SRI DURGA MALLESWARA SIDDHARTHA MAHILA KALASALA	25/05/2020
19	Dr.R.Ramachandiran	Advance Research Methodology and Innovative Teaching Programming	Tusliramji Gaikwad-Patil College of Engineering & Technology – Mumbai.	08.06.2020 To 13.06.2020
20	Dr.R.Ramachandiran	Rehabilitation and Retrofitting of Structures (R2S)	Sree Vidyanikethan Engineering College – Tirupati.	04.06.2020 To 06.06.2020
21	Dr.R.Ramachandiran	PATENT SEARCHING, DRAFTING AND FILING	PANIMALAR INSTITUTE OF TECHNOLOGY – Chennai.	29.05.2020 To 02.06.2020
22	Dr.R.Ramachandiran	Internet of Things and Artificial Intelligence	K L Deemed University, Andhra	01.06.2020 To

		Applications	Pradesh.	06.06.2020
23	Dr.R.Ramachandiran	Innovative Teaching Pedagogy in the Technical Institutions	KBT College of Engineering – Nashik	01.06.2020 To 05.06.2020
24	Dr.R.Ramachandiran	Python 3.4.3 and Python Django	CMR Engineering College – Mumbai. And spoken tutorial IIT – Bombay.	08.06.2020 To 13.06.2020
25	Dr.R.Ramachandiran	Industry 4.0	PRIYADARSHINI COLLEGE OF ENGINEERING – Nagpur.	09.06.2020 To 11.06.2020
26	Dr.R.Ramachandiran	Smart Application Development using IoT – Arduino	Vaageswari College of Engineering, Karimnagar.	17.06.2020 To 19.06.2020
27	Dr.R.Ramachandiran	OUTCOME BASED EDUCATION: A STEP TOWARDS EXCELLENCE	Government College of Engineering, Karad	11.05.2020 To 15.05.2020
28	Dr.R.Ramachandiran	Front - end Framework - Angular	Sathiyabama Institute of Science and Technology	15-05-2020 To 16-05-2020
29	Dr.R.Ramachandiran	PHP & MySQL	Jntuh College of Engineering	18-05-2020 To 23-05-2020
30	Dr.R.Ramachandiran	"PATENT SEARCHING, DRAFTING AND FILING	PANIMALAR INSTITUTE OF TECHNOLOGY	29-05-2020 To 02-06-2020
31	Dr.A.Swaminathan	Data Science using Python	Sri Manakula Vinayagar Engineering College	6 – Days 16-12-2019 to 20-12-2019
32	Dr.A.Swaminathan	OUTCOME BASED EDUCATION: A STEP TOWARDS EXCELLENCE"	Government College of Engineering, Karad	1 week
33	Mr.R.Ramakrishnan	Data Science using Python	Sri Manakula Vinayagar Engineering College	16-12-2019 to 20-12-2019
34	Mr.R.Ramakrishnan	Outcome Based Education: A Step Towards Excellence	Government College of Engineering, Karad Under Margdharshan Scheme of AICTE-NewDelhi	11-05-2020 to 15-05-2020
35	Mr.R.Ramakrishnan	PHP and MYSQL	JNTUH College of Engineering, Jagtial Associated with IIT Bombay	18-05-2020 To 23-05-2020
36	Mr.R.Ramakrishnan	Artificial Intelligence	National youth council and BrainoVision solution private Ltd	22-05-2020 To 26-05-2020
37	Ms.M.Vasuki	R programming	Spoken Tutorial Project, IIT Bombay.	11th May to 15th May
38	Ms.M.Vasuki	Outcome Based Education: A Step Towards Excellence	Margdarshan Scheme of AICTE	11-15 May 2020
39	Ms.M.Vasuki	NAAC Awareness Programme for Faculty	MMIT	8th May to 14 May

40	Ms.M.Vasuki	PHP an MySQL	JNTUH College of Engineering , IIT Bombay	18th May to 23rd May
41	Ms.M.Vasuki	Artificial Intelligence	National youth council &Brainovision solution Pvt.LTD.	22nd May to 26th May
42	Ms.M.Vasuki	Emerging Research Areas in Engineering	SRM Institute of Science and Technology	5.06.2020 to 9.06.2020
43	Ms.M.Vasuki	Advanced research methodology and innovative teaching pedagogy	TulasiramjiGaidk wadpatil college of Engineeringand Technology.	8.06.2020 to 13.06.2020
44	Ms.M.Vasuki	IOT-APPLICATIONS	Vikas Group of Institutions.	01.06.2020 to 05.06.2020 .
45	Ms.M.Vasuki	Research Trends in image Processing	Gates Institute of Technology.	15.06.2020 to 19.06.2020 .
46	Ms.M.Vasuki	EmergingTrendsInInformatio nTechnology	KarpagamCollegeOf Engineering	23.6.2020to 27.6.2020

Declaration by HoD

I am aware that the above information provided by the department will be validated by the Academic and Administrative Audit (AAA) committee during the visit

Head of the Department
Dr.A.Ramalingam

Recommendations:

Section	Remarks
Curricular Aspects	-
Teaching, Learning and Evaluation	-
Structured Feedback	-
Research, Innovation and Publications	Require most attention to increase consultancy work for students, Book chapters and patent.
Collaborations and Linkages	Need initiation by faculty to MoU's to be signed for better linkages and collaboration with industry and they must be functional.
Student Progression	-
Activity Conducted / Organized by the Department	-
Achievements	-
General Remarks	-

Signature of the External Academic Audit Experts

Dr.M.Karthikeyan,
Professor
Department of Mechanical Engineering,
RajaRajeswari College of Engineering,
Mysore,Bangalore

Dr.R.Baskaran
Professor
Department of Industrial Engineering
CEG

ACADEMIC AND ADMINISTRATIVE AUDIT

DEPARTMENT OF MANAGEMENT STUDIES

ACADEMIC AND ADMINISTRATIVE AUDIT

(Academic Year 2020-2021)

SECTION –1 : BASIC INFORMATION

Audit Date	19/11/2021	
Name of the Department	Management Studies	
Year of Establishment	2005	
Programs Offered	**Name of the Program**: **MBA** — **Approved Intake**: **180**	
Head of the Department	Dr. N. S. N. Cailassame	
Number of full time Teachers	Professor	3
	Associate Professor	2
	Assistant Professor	16
Number of Technical Staff	NIL	
Number of Students	MBA: First Year 159; Second Year 119; Total 278	
Faculty Student Ratio	1:15	

SECTION –2 : CURRICULAR ASPECTS

2.1 Academic Plan

S.No	Particular	Available (Yes / No)	Remarks
1	Department Academic Calendar	Yes	
2	Faculty Subject Preferences	Yes	
3	Elective choices from the Students	Yes	
4	Course allotment to the Faculty	Yes	
5	Time Table (PG)	Yes	
6	Lesson plan for each Course	Yes	

2.2 Participation of the Faculty in the Curriculum development for courses offered in UG and PG programs

S.No	Name of the Faculty	Participated as	Course	Year / Sem
1	Dr. B. Elamurugan	Syllabus framed	Preparatory courses –Business Essentials	I/I
2	Dr. A.S. Kannan	Syllabus framed	Preparatory courses –Accounting Fundamentals	I/I
3	Mr. A. Mathiazhagan.	Syllabus framed	Preparatory courses –Management Principles	I/I
4	Dr. R. Sivakumar	Syllabus framed	Preparatory courses –Essential Computer Skills	I/I
5	Dr. A.S. Kannan	Syllabus framed	Preparatory courses –Case Method of Learning	I/I
6	Mrs. M.Janaki Rama	Syllabus framed	Organizational Behaviour	I/I
7	Mr. A. Mathiazhagan	Syllabus framed	Accounting for Management	I/I
8	Dr. B. Elamurugan	Syllabus framed	Economic for Business Decisions	I/I
9	Dr. A.S. Kannan	Syllabus framed	Business Law	I/I
10	Mr.T.Chandramohan	Syllabus framed	Business Statistics	I/I

11	Dr.N.S.N. Cailassame	Syllabus framed	Information system for managers	I/I
12	Dr. Anbazhagan	Syllabus framed	Corporate ethics and social responsibility	I/I
13	Mrs.R.H.Latha	Syllabus framed	Business Communication lab	I/I
14	Dr. R. Sivakumar	Syllabus framed	Data Analytics Lab	I/I
15	Dr. A.S. Kannan	Syllabus framed	Financial Management	I/II
16	Dr. L. Kavitha	Syllabus framed	Marketing Management	I/II
17	Mrs. M.Janaki Rama	Syllabus framed	Human Resource Management	I/II
18	Dr. B. Elamurugan	Syllabus framed	Operations Management	I/II
19	Mr.R.Ramesh	Syllabus framed	Business Research Methods	I/II
20	Mr.T.Chandramohan	Syllabus framed	Operations Research	I/II
21	Dr.N.S.N. Cailassame	Syllabus framed	Business Analytics	I/II
22	Dr.M.Murugan	Syllabus framed	Project Management	I/II
23	Mrs. Kumuthavalli Revathy	Syllabus framed	Total quality Management	I/II
24	Ms. R. Kumuthavalli Revathy	Syllabus framed	Career Planning	I/II
25	Dr. R. Siva Kumar	Syllabus framed	Business Documentation Lab	I/II
26	Dr.N.S.N. Cailassame	Syllabus framed	Python Programming Lab	I/II

2.3 List of Functional Elective Courses offered by the department

S.No	Year / Sem	Name of the Elective Course	Course Code	Number of Students Registered
1	II/IV	BANKING & INDIAN FINANCIAL SYSTEM/	MBAS104	99
2	II/IV	EXPORT MANAGEMENT/	MBAS112	99
3	II/IV	INTEGRATED MARKETING COMMUNICATION/	MBAS305	47
4	II/IV	SERVICES MARKETING/	MBAS317	47
5	II/IV	COMPENSATION MANAGEMENT/	MBAS202	92
6	II/IV	INDUSTRIAL RELATIONS AND LABOR LEGISLATION	MBAS208	92

2.4 List of Open Elective Courses offered by Other department

S.No	Year / Sem	Offering Department	Name of the Elective Course	Course Code	Number of Students Registered
			NA		

2.5 List of Skill Development Courses offered by the department

S.No	Year / Sem	Name of the Skill Development Course	Course Code	Number of Students Registered
1	I/I	Business Communication Lab	P20MSP108	159
2	II/IV	Business Valuation Lab	MBAH044	118

List of Certification Courses offered by the department

S.No	Year / Sem	Name of the Certification Course	Course Code	Number of Students Registered
1	I/I	Advanced Excel	P20MSC101	159
2	I/II	Digital Marketing	P20MSC201	154

2.6 List of Mandatory Courses offered by the department

S.No	Year / Sem	Name of the Mandatory Course	Course Code	Number of Students Registered
	NA			

SECTION –3: TEACHING, LEARNING AND EVALUATION

3.1 Course Delivery

Semester:

S. No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Strategic Management /MBAH031(Sec A)	Mr. A.Mathiazhagan	45	54	56
2	Strategic Management /MBAH031 (Sec B)	Mrs. M.Janaki Rama	45	54	58
3	Project Management /MBAH032 (Sec A)	Dr. B.Elamurugan	45	54	56
4	Project Management /MBAH032 (Sec B)	Mr. T.Chandramohan	45	52	53
5	Quality Management/MBAH033 (Sec A)	Mr.R.Ramesh	45	54	56
6	Quality Management/MBAH033 (Sec B)	Dr. L. Kavitha	45	54	58
7	Management Control System /MBAH034(Sec A)	Dr. A.S.Kannan	45	54	56
8	Management Control System /MBAH034 (Sec B)	Mrs.Kumuthavalli Revathy	45	52	53
9	Security Analysis And Portfolio Management/MBAS124(Sec A&B)	Ms. S.Visalakshi	60	60	71
10	Financial Markets And Services/MBAS114 (Sec A)	Dr. B.Elamurugan	60	60	69
11	Financial Markets And Services/MBAS114 (Sec B)	Mr.R.Ramesh	60	60	63
12	Consumer Behaviour/MBAS302(Sec A)	Dr. L.Kavitha	60	60	65
13	Consumer Behaviour MBAS302 (Sec B)	Dr. L.Kavitha	60	60	64
14	Integrated Marketing Communication/MBAS305(Sec A)	Mr. T.Chandramohan	60	60	63
15	Integrated Marketing Communication MBAS305 (Sec B)	Mrs. P. Nithiya	60	60	71
16	Training And Development/MBAS215 (Sec A)	Mr..Mathiazhagan	60	60	69
17	Training And Development/MBAS215(Sec B)	R.H.Latha	60	60	63
18	Stress Management/MBAS213(Sec A)	M.Janaki Rama	60	60	65
19	Stress Management/MBAS213 (Sec B)	Mrs.Kumuthavalli Revathy	60	60	64
20	Case Method of learning (Sec A)	Dr.N.S.N. Cailassame	20	20	20
21	Case Method of learning (Sec B)	Dr.A.S.Kannan	20	20	20
22	Case Method of learning (Sec	Mrs.S.Sasi	20	20	20

23	Management Principles (Sec A)	Ms. M. Janaki Rama	20	20	20
24	Management Principles (Sec B)	Mrs. P. Nithiya	20	20	20
25	Management Principles (Sec C)	Ms. R. Kumuthavalli Revathy	20	20	20
26	Essential Computer Skills (Sec A)	Dr. R. Sivakumar	20	20	20
27	Essential Computer Skills (Sec B)	Mr. R. Ramesh	20	20	20
28	Essential Computer Skills (Sec C)	Dr. L. Kavitha	20	20	20
29	Accounting Fundamentals (Sec A)	Dr.M.Murugan	20	20	20
30	Accounting Fundamentals (Sec B)	Dr.S.Madhiyarsi	20	20	20
31	Accounting Fundamentals (Sec C)	Ms. S. Visalakshi	20	20	20
32	Industrial Management	Mr.T.Chandramohan	40	40	33
33	Public Systems for Management(MBAH041)	Mr. A.Mathiazhagan	45	54	58
34	Public Systems for Management(MBAH041)	Mr. A.Mathiazhagan	45	54	58
35	Entrepreneurship/ MBAH042 (Sec A)	Mr. R. Anbarasan	45	54	58
36	Entrepreneurship/ MBAH042 (Sec B)	Mr. R. Anbarasan	45	54	58
37	Business Ethics and Corporate Governance(MBAH043)	Dr.A.Vinoth	40	48	48
38	Business Ethics and Corporate Governance(MBAH043)	Dr.A.Vinoth	40	48	48
39	Banking and Indian Financial System/ (MBAS104) (Sec A)	Ms. S. Visalakshi	60	60	71
40	Banking and Indian Financial System/(MBAS104) (Sec B)	Ms. S. Visalakshi	60	60	72
41	Export Management/ (MBAS112)	Dr. S. Madhiyarsi	60	60	72
42	Compensation Management / MBAS202 (A sec)	Mr. Ashley Dominic Benny	60	60	68
43	Industrial Relations & Labour Legislation / MBAS208	Dr. Bala Sendhil Kumar G.	60	60	63
44	Integrated Marketing Communications	Mr.T.Chandramohan	60	60	65
45	Services Marketing/MBAS317	Dr.R.Sivakumar	60	60	64
46	Organizational Behavior/ (P20MST101) (Sec A)	A.Mathiazhagan	40	40	60
47	Organizational Behavior/ (P20MST101) (Sec B)	Mr. R. Ramesh	40	40	60
48	Organizational Behavior/ (P20MST101) (Sec C)	Mr. R. Ramesh	40	40	60
49	Accounting for Management/ P20MST102 (Sec A&B)	Dr.M.Murugan	40	48	60
50	Accounting for Management/ P20MST102 (Sec C)	Mr. R. Logesh	40	48	60
51	Economics for Business Decisions (P20MST103)	Dr.Vinoth.A	40	54	54
52	Economics for Business Decisions (P20MST103)	Dr.Vinoth.A	40	54	54
53	Economics for Business Decisions (P20MST103)	Dr. B. Elamurugan	40	54	54
54	Business Law/P20MST104(Sec A & B)	Mr. Ashley Dominic Benny	30	30	60
55	Business Law/P20MST104(B Sec)	Mr. Ashley Dominic Benny	30	30	88

56	Business Law/P20MST104(C sec)	Ms. R. Kumuthavalli Revathy	30	30	87
57	Business Statistics/P20MST105 (A Sec)	Dr.N.S.N. Cailassame	40	40	71
58	Business Statistics/P20MST105 (B Sec)	Mr.T.Chandramohan	40	40	71
59	Business Statistics/P20MST105 (C Sec)	Mr.T.Chandramohan	40	40	71
60	Corporate Ethics and Social Responsibility / P20MST107 (Sec A)	Dr. Bala Sendhil Kumar G.	20	24	30
61	Corporate Ethics and Social Responsibility / P20MST107 (Sec B)	Dr. Bala Sendhil Kumar G.	20	24	30
62	Corporate Ethics and Social Responsibility / P20MST107 (Sec C)	Dr. A.S.Kannan	20	24	30
63	Information System for Managers//P20MST106 (Sec A,B&C)	Dr.R.Sivakumar	20	23	62

3.2 Use of ICT Tools in Teaching Learning

Semester: 4 & 1

S. No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mr. A.Mathiazhagan	Strategic Management (Sec A)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
2	Mrs. M.Janaki Rama	Strategic Management (Sec B)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
3	Dr. B.Elamurugan	Project Management (Sec A)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
4	Mr. T.Chandramohan	Project Management (Sec B)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
5	Mr.R.Ramesh	Quality Management(Sec A)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
6	Dr. L. Kavitha	Quality Management(Sec B)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
7	Dr. A.S.Kannan	Management Control System (Sec A)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
8	Mrs.Kumuthavalli Revathy	Management Control System (Sec B)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
9	Ms. S.Visalakshi	Security Analysis And Portfolio Management (Sec A&B)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
10	Dr. B.Elamurugan	Financial Markets And Services (Sec A)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
11	Mr.R.Ramesh	Financial Markets And Services (Sec B)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
12	Dr. L.Kavitha	Consumer Behaviour (Sec A)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning

13	Dr. L.Kavitha	Consumer Behaviour (Sec B)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
14	Mr. T.Chandramohan	Integrated Marketing Communication (Sec A)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
15	Mrs. P. Nithiya	Integrated Marketing Communication (Sec B)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
16	Mr..Mathiazhagan	Training And Development (Sec A)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
17	R.H.Latha	Training And Development (Sec B)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
18	M.Janaki Rama	Stress Management (Sec A)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
19	Mrs.Kumuthavalli Revathy	Stress Management (Sec B)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
20	Dr.N.S.N. Cailassame	Case Method of learning (Sec A)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
21	Dr.A.S.Kannan	Case Method of learning (Sec B)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
22	Mrs.S.Sasi	Case Method of learning (Sec C)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
23	Ms. M. Janaki Rama	Management Principles (Sec A)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
24	Mrs. P. Nithiya	Management Principles (Sec B)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
25	Ms. R. Kumuthavalli Revathy	Management Principles (Sec C)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
26	Dr. R. Sivakumar	Essential Computer Skills (Sec A)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
27	Mr. R. Ramesh	Essential Computer Skills (Sec B)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
28	Dr. L. Kavitha	Essential Computer Skills (Sec C)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
29	Dr.M.Murugan	Accounting Fundamentals (Sec A)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
30	Dr.S.Madhiyarsi	Accounting Fundamentals (Sec B)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
31	Ms. S. Visalakshi	Accounting Fundamentals (Sec C)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
32	Mr.T.Chandramohan	Industrial Management	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
33	Mr. A.Mathiazhagan	Public Systems for Management(MBAH041)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning

34	Mr. A.Mathiazhagan	Public Systems for Management(MBAH041)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
35	Mr. R. Anbarasan	Entrepreneurship/ MBAH042 (Sec A)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
36	Mr. R. Anbarasan	Entrepreneurship/ MBAH042 (Sec B)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
37	Dr.A.Vinoth	Business Ethics and Corporate Governance(MBAH043)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
38	Dr.A.Vinoth	Business Ethics and Corporate Governance(MBAH043)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
39	Ms. S. Visalakshi	Banking and Indian Financial System/ (MBAS104) (Sec A)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
40	Ms. S. Visalakshi	Banking and Indian Financial System/(MBAS104) (Sec B)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
41	Dr. S. Madhiyarsi	Export Management/ (MBAS112)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
42	Mr. Ashley Dominic Benny	Compensation Management / MBAS202 (A sec)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
43	Dr. Bala Sendhil Kumar G.	Industrial Relations & Labour Legislation / MBAS208	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
44	Mr.T.Chandramohan	Integrated Marketing Communications	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
45	Dr.R.Sivakumar	Services Marketing/MBAS317	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
46	A.Mathiazhagan	Organizational Behavior/ (P20MST101) (Sec A)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
47	Mr. R. Ramesh	Organizational Behavior/ (P20MST101) (Sec B)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
48	Mr. R. Ramesh	Organizational Behavior/ (P20MST101) (Sec C)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
49	Dr.M.Murugan	Accounting for Management/ P20MST102 (Sec A&B)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
50	Mr. R. Logesh	Accounting for Management/ P20MST102 (Sec C)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
51	Dr.Vinoth.A	Economics for Business Decisions (P20MST103)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
52	Dr.Vinoth.A	Economics for Business Decisions (P20MST103)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
53	Dr. B. Elamurugan	Economics for Business Decisions (P20MST103)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning

54	Mr. Ashley Dominic Benny	Business Law/P20MST104(Sec A & B)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
55	Mr. Ashley Dominic Benny	Business Law/P20MST104(B Sec)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
56	Ms. R. Kumuthavalli Revathy	Business Law/P20MST104(C sec)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
57	Dr.N.S.N. Cailassame	Business Statistics/P20MST105 (A Sec)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
58	Mr.T.Chandramohan	Business Statistics/P20MST105 (B Sec)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
59	Mr.T.Chandramohan	Business Statistics/P20MST105 (C Sec)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
60	Dr. Bala Sendhil Kumar G.	Corporate Ethics and Social Responsibility / P20MST107 (Sec A)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
61	Dr. Bala Sendhil Kumar G.	Corporate Ethics and Social Responsibility / P20MST107 (Sec B)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
62	Dr. A.S.Kannan	Corporate Ethics and Social Responsibility / P20MST107 (Sec C)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning
63	Dr.R.Sivakumar	Information System for Managers//P20MST106 (Sec A,B&C)	PPT, Google Forms, Video Lecture, Case Study, Google Classroom / Olympus Great Learning

3.3 List of Expert Lectures / Workshop Conducted

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
1	Campus to corporate (**WEBINAR)**	Mr. P Harish - OPPO	26.06.2020	II MBA
2	Entrepreneurship Development and Orientation: Trends and challenges **(WEBINAR)**	Patricia- Makolet	10.07.2020	II MBA
3	Recent trends in Operations Management and Manufacturing technology **(WEBINAR)**	Mr. Puluthiraja- Reliance Retail,	17.07.2020	I MBA
4	'Financial Markets and NSE' **(WEBINAR)**	Mr.Mohit Rathi- ICICI Prudential	27.07.2020	I-MBA
5	Attitude will decide your altitude **(WEBINAR)**	Ms.Ramya- Byjus	31.07.2020	I-MBA
6	"Aspirations to Achievements" **(WEBINAR)**	Mr. Sankar Venkat - IDFC First Bank	10.08.2020	I-MBA
7	Intellectual Property Rights & Patent Process	Dr.Franklin, Associate Professor- DMI	18.08.2020	I-MBA
8	"Challenge Yourself for Developing Self Confidence"	Mr. Kaja Y-HCL technologies,	24.08.2020	I-MBA
9	"Mentoring to leadership success and networking" "	Ms.Srusti - Fastrack HR Consultancy	27.08.2020	I-MBA
10	"Goal setting for management students, moving beyond Covid and taking inspiration"	Mr.Purusoth- Harvard Consultancy	01.09.2020	I-MBA

11	Navigating business challenges through cases	Dr.Sivashankaran Professor	26.02.2021	I-MBA
12	The coordination of E Commerce and Logistics during Pandemic	Ms. Harsha -Kissflow(Orange Scape Technology)	1.03.2021	II-MBA
13	"Retail Selling Skills"	Mr.Prabu.K - Milekal Engineering Pvt Ltd	11.03.2021	I-MBA
14	"Use of Digitalization in current Pandemic Situation- Pros and Cons"	Mr.Badri - Citi Union Bank	24.03.2021	II-MBA
15	The Effect of Retail on B2B Business	Mr. Sankar Venkat - SMV Software Solution	29.03.2021	II MBA
16	"Changing Scenario of Luxury Industry post Covid 19"	Mr.Karthik Ganesh-Axis Bank	05.04.2021	I MBA
17	Qualities of an HR Manager	Mr.M.V.Kannan	16.04.2021	I MBA
18	Industry Expectations from MBA Students	Mr.Collin Bruno	20.04.2021	II-MBA
19	Financial Awareness Program	Dr.Karthikeyan	22.04.2021	II MBA
20	Motivational Program	Mr.Musee Pughazhenthi	28.04.2021	II MBA

3.4 Activities for Slow and Advanced Learners

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1	Strategic Management (Sec A)	Mr. A.Mathiazhagan	Yes	3	Yes
2	Strategic Management (Sec B)	Mrs. M.Janaki Rama	Yes	3	Yes
3	Project Management (Sec A)	Dr. B.Elamurugan	Yes	3	Yes
4	Project Management (Sec B)	Mr. T.Chandramohan	Yes	3	Yes
5	Quality Management(Sec A)	Mr.R.Ramesh	Yes	3	Yes
6	Quality Management(Sec B)	Dr. L. Kavitha	Yes	3	Yes
7	Management Control System (Sec A)	Dr. A.S.Kannan	Yes	3	Yes
8	Management Control System (Sec B)	Mrs.Kumuthavalli Revathy	Yes	3	Yes
9	Security Analysis And Portfolio Management (Sec A&B)	Ms. S.Visalakshi	Yes	3	Yes
10	Financial Markets And Services (Sec A)	Dr. B.Elamurugan	Yes	3	Yes
11	Financial Markets And Services (Sec B)	Mr.R.Ramesh	Yes	3	Yes
12	Consumer Behaviour (Sec A)	Dr. L.Kavitha	Yes	3	Yes
13	Consumer Behaviour (Sec B)	Dr. L.Kavitha	Yes	3	Yes
14	Integrated Marketing Communication (Sec A)	Mr. T.Chandramohan	Yes	3	Yes
15	Integrated Marketing Communication (Sec B)	Mrs. P. Nithiya	Yes	3	Yes
16	Training And Development (Sec A)	Mr..Mathiazhagan	Yes	3	Yes
17	Training And	R.H.Latha	Yes	3	Yes

18	Stress Management (Sec A)	M.Janaki Rama	Yes	3	Yes
19	Stress Management (Sec B)	Mrs.Kumuthavalli Revathy	Yes	3	Yes
20	Industrial Management	Mr.T.Chandramohan	Yes	3	Yes
21	Public Systems for Management(MBAH041)	Mr. A.Mathiazhagan	Yes	3	Yes
22	Public Systems for Management(MBAH041)	Mr. A.Mathiazhagan	Yes	3	Yes
23	Entrepreneurship/ MBAH042 (Sec A)	Mr. R. Anbarasan	Yes	3	Yes
24	Entrepreneurship/ MBAH042 (Sec B)	Mr. R. Anbarasan	Yes	3	Yes
25	Business Ethics and Corporate Governance(MBAH043)	Dr.A.Vinoth	Yes	3	Yes
26	Business Ethics and Corporate Governance(MBAH043)	Dr.A.Vinoth	Yes	3	Yes
27	Banking and Indian Financial System/ (MBAS104) (Sec A)	Ms. S. Visalakshi	Yes	3	Yes
28	Banking and Indian Financial System/(MBAS104) (Sec B)	Ms. S. Visalakshi	Yes	3	Yes
29	Export Management/ (MBAS112)	Dr. S. Madhiyarsi	Yes	3	Yes
30	Compensation Management / MBAS202 (A sec)	Mr. Ashley Dominic Benny	Yes	3	Yes
31	Industrial Relations & Labour Legislation / MBAS208	Dr. Bala Sendhil Kumar G.	Yes	3	Yes
32	Integrated Marketing Communications	Mr.T.Chandramohan	Yes	3	Yes
33	Services Marketing/MBAS317	Dr.R.Sivakumar	Yes	3	Yes
34	Organizational Behavior/ (P20MST101) (Sec A)	A.Mathiazhagan	Yes	3	Yes
35	Organizational Behavior/ (P20MST101) (Sec B)	Mr. R. Ramesh	Yes	3	Yes
36	Organizational Behavior/ (P20MST101) (Sec C)	Mr. R. Ramesh	Yes	3	Yes
37	Accounting for Management/ P20MST102 (Sec A&B)	Dr.M.Murugan	Yes	3	Yes
38	Accounting for Management/ P20MST102 (Sec C)	Mr. R. Logesh	Yes	3	Yes
39	Economics for Business Decisions (P20MST103)	Dr.Vinoth.A	Yes	3	Yes
40	Economics for Business Decisions (P20MST103)	Dr.Vinoth.A	Yes	3	Yes
41	Economics for Business Decisions (P20MST103)	Dr. B. Elamurugan	Yes	3	Yes
42	Business Law/P20MST104(Sec A & B)	Mr. Ashley Dominic Benny	Yes	3	Yes
43	Business Law/P20MST104(B Sec)	Mr. Ashley Dominic Benny	Yes	3	Yes
44	Business	Ms. R. Kumuthavalli	Yes	3	Yes

45	Business Statistics/P20MST105 (A Sec)	Dr.N.S.N. Cailassame	Yes	3	Yes
46	Business Statistics/P20MST105 (B Sec)	Mr.T.Chandramohan	Yes	3	Yes
47	Business Statistics/P20MST105 (C Sec)	Mr.T.Chandramohan	Yes	3	Yes
48	Corporate Ethics and Social Responsibility / P20MST107 (Sec A)	Dr. Bala Sendhil Kumar G.	Yes	3	Yes
49	Corporate Ethics and Social Responsibility / P20MST107 (Sec B)	Dr. Bala Sendhil Kumar G.	Yes	3	Yes
50	Corporate Ethics and Social Responsibility / P20MST107 (Sec C)	Dr. A.S.Kannan	Yes	3	Yes
51	Information System for Managers//P20MST106 (Sec A,B&C)	Dr.R.Sivakumar	Yes	3	Yes

3.5 Counseling and Mentoring

S.No	Particular	Yes / No	Remarks (if any)
1	Mentor Allocation	**Yes**	
2	Class wise student Profile Record Maintained	**Yes**	
3	Mentor – Mentee Session Record Maintained	**Yes**	

No. of Students in Department	Number of Full Time Teachers in the Department	Mentor : Mentee Ratio
278	**20**	**1:20**

3.6 Internal Evaluation Systems

S.No	Particular	Yes / No	Remarks (if any)
1	Continuous Assessment Test Record	Yes	
2	Seminar / Project Review Record	Yes	
3	End Semester Examination Record	Yes	
4	Student Grade Report	Yes	

3.7 Learning Outcomes

S.No	Particular	Yes / No	Remarks (if any)
1	PO, PEO, CO are well stated	Yes	
2	Correlation of COs with Pos for each Course	Yes	
3	Course Outcome Attainment Calculated	Yes	Mention the target: **55%**
4	PO attainment through CO	Yes	

3.8 Student Performance in End Semester Examination

Semester –III Sem(Batch 2019-2021)

Sr. No	Particular	MBA
1	Number of Students appeared	**118**
2	Number of All Clear Students	**109**
3	Number of Students passed with Distinction	**-**
4	Number of Students passed with First Class	**-**
5	Number of Students passed with Second Class	**-**
6	Number of Students Failed	**9**
7	Passing Percentage	**92.37%**

Semester –I Sem(Batch 2020-2022)

Sr. No	Particular	MBA
1	Number of Students appeared	159
2	Number of All Clear Students	121
3	Number of Students passed with Distinction	-
4	Number of Students passed with First Class	-
5	Number of Students passed with Second Class	-/
6	Number of Students Failed	38
7	Passing Percentage	76.1%

Semester –IV Sem(Batch 2019-2021)

Sr. No	Particular	MBA
1	Number of Students appeared	118
2	Number of All Clear Students	117
3	Number of Students passed with Distinction	44
4	Number of Students passed with First Class	73
5	Number of Students passed with Second Class	Nil
6	Number of Students Failed	1
7	Passing Percentage	99.15%

Semester –II Sem(Batch 2020-2022)

Sr. No	Particular	MBA
1	Number of Students appeared	154
2	Number of All Clear Students	94
3	Number of Students passed with Distinction	--
4	Number of Students passed with First Class	--
5	Number of Students passed with Second Class	--
6	Number of Students Failed	60
7	Passing Percentage	61.03%

SECTION – IV : STRUCTURED FEEDBACK

S.No	Particular	Yes / No	Number of Feedback Collected	Remarks (if any)
1	Student Feedback on Teaching and Learning conducted with action taken report	Yes	257	Nil
2	Parent Meet / Parent Feedback on Teaching conducted with action taken report	Yes	71	Nil
3	Student Exit Survey conducted and Analyzed	Yes	109	Nil
4	Alumni Feedback conducted and Analysed	Yes	65	Nil

SECTION – V : RESEARCH, INNOVATION AND PUBLICATIONS

Research Grants, Projects completed and ongoing from various Funding Agencies

S.No	Principle Investigator	Title of Project / Grants	Funding Agency	Amount (Rs. in Lakhs)	Duration of the project

5.1

S.No	Name of the Faculty	Nature of Consultancy	Funding Agency	Fund Generated	Duration of the Consultancy

5.2 Faculty Publications

Publication Details (Last Four Years)

Sr. No	Academic Year	Papers Published in peer reviewed Journals	Scopus, Web of Science Indexing Papers	Total Number of Citations	h-index	Impact Factor range / Average Impact Factor
1	2019-2020	-	-	-	-	-
2	2018-2019	15	UGC	-	-	5.5
3	2017-2018	1	-	-	-	0.23
4	2016-2017	3	-	-	-	4.17

Publication Details for Academic Year consider for Auditing

Number of Publication in National Journals	01
Number of Publication in International Journals	07
Number of Publication in National Conferences	Nil
Number of Publication in International Conferences	Nil
Number of Books / Book Chapters	Nil
Number of Patent (Filed)	Nil
Number of Patents Granted	Nil

National Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	ISBN / ISSN

International Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	Vol, issue, pp, ISBN/ISSN	Indexing
1	Impact of Capital Structure on Probability: Empirical Comparison of Top-5 Pharma Companies	Kannan. A.S., Murugan. M., Cailassame.N.S.N Arunbarath. M.	Strad Research,Vol.7, Issue 7, 2020, pp.14-29	ISSN 0039-2049	UGC
2	Structural Transformation in Women Employment: A Study on SAARC Nations	Kavitha.L., Mathiazhagan.A., Kannan.A.S. Sivakumar. R.	Journal of Shanghai Jiaotong University, Vol.16, Issue 7, July 2020, pp.260-272	ISSN 1007-1172	Scopus
3	Reverse Mentoring - A Cross-generational Leadership Development Tool	Elamurugan. B. Murugan. M.	International Journal of Management Technology and Engineering, Vol.10, Issue 6, 2020, pp.41-49.	ISSN 2249-7455	UGC
4	Repercussion of Digital Marketing on Performance of Indian Rural Banks	Sivakumar R, Chandramohan R, Anbazhagan, A	Journal of Critical Reviews, Vol. 7, Issue 8, pp. 2555-2564	ISSN: 2394-5125	Scopus
5	Impact of Customer Experience	Sivakumar R & Chandramohan T	Mukt Shabd Journal, vol.9,	ISSN 2347-3150	UGC

	on Indian Retail Banks - Conceptual Framework		Issue 5, pp. 5674-5682		
6	The Mediating Effect of Workplace Social Support: Role of Organizational Climate, Co-Worker Support, Supervisory Support, Family Environment, Role Conflict and Life Satisfaction of Indian Expats in Oman.	Anbazhagan.A., Cailassame.N.S.NMurugan.M.	Journal of Shanghai Jiaotong University, Vol. 16, Issue 8, August – 2020.	ISSN:1007-1172	UGC
7	Impact of Emotional Intelligence at Workplace with reference to Brite Brothers Limited, Puducherry	Anbazhagan.A. Mathiazhagan.A.	International Journal of Management, Technology and Engineering, Vol. 10, Issue 6, 2020	ISSN NO : 2249-7455	UGC

National Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
1	NIL					

International Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
1	NIL					

Books / Book Chapters

S.No	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
1	NIL			

Patent

S.No	Name of the Applicant (s)	Name of the Inventor (s)	Title	Application No. & Patent Filed Date	Country	Current Status
1	NIL					

SECTION – VI: COLLABORATIONS AND LINKAGES

Student Internships

S.No	Name of the Student	Name of the Sponsored Industry / Research Institute / Partnering Institution	About Internship		
			Duration	From date	To date
1	M Sooriya	Rane Madras Limited Thirubhuvanai Puducherry	2 Months	10/08/2020	09/10/2020
2	M.Umal Fazaliya	MVA Leather Works PVT.Ltd Puducherry	1 Month	1/09/2020	30/09/2020
4	K.Vimalraj	Solara Active Pharma Science Ltd	1 Month	10/11/2020	10/12/2020
5	G.Sivaranjani	V DART Technologies	2 Months	01/09/2020	30/11/2020
6	Anusuya. S	Ariyankuppam Primary Agricultural Credit Society Ltd , Puducherry	2 Months	01/11/2020	30/12/2020
7	Balaji.R	CIEL HR Services Private Limited, Pondicherry	2 Months	01/11/2020	30/12/2020
8	Divyabharathi.S	Datamatics Global Services Ltd.	2 Months	01/11/2020	30/12/2020

9	Harsha Lakshmi.	O2 Saver Chennai	2 Months	12/10/2020	05/12/2020
10	Nevedhani	IndusInd Bank	2 Months	24/09/2020	25/11/2020
11	Manikandan.G	SG Engineering, Chennai	12 Days	16/11/2020	28/11/2020
12	Manju.S	Supreme Plastic Ltd, Villianur	2 Months	1/10/2020	30/11/2022
13	Kalaivani S	Naturals India Ltd Puducherry	2 Months	01/09/2020	01/10/2020
14	Mary Josline J	Datamatics- Pondicherry	2 Months	01/11/2020	30/12/2020
15	Mithunkumar.G	Manatec Mobility Private Limited, Industrial Estate Puducherry,	2 Months	10/11/2020	24/11/2020
16	Arutkalai.K	Safe Tab Life Science Thirubhuvanai Puducherry	1 Month	03/09/2020	30/09/2020
17	Niranjan.R	Shenbaka Cars	2 Months	03/10/2020	29/11/2020
18	Nirmala.C	E Tax Advisors Private Limited Laws pet	2 Months	01/09/2020	30/11/2020
19	Niveditha.LV	Shriram Life Insurance	2 Months	17/09/2020	19/12/2020
20	Ganesan G	KOELCARE Puducherry	2 Months	01/08/2020	30/09/2020
21	Ramraj.G	Orange Sorting Machine	2 Months	05/10/2020	06/11/2020
22	Reshma.R	The Tindivanam Cooperative Urban Bank, Tindivanam	2 Months	01/11/2020	30/11/2020
23	Bavani.S	Marachekkuoil Vidhai Oil Mill Cuddalore	1 Month	20/09/2020	20/10/2020
24	Savithaa.A	Manatec PVT LTD, Puducherry	2 Months	12/10/2020	19/10/2020
25	Ramkumar .J	Water Life India PVT LTD, Hyderabad	2 Months	01/10/2020	30/11/2020
26	Sivaprakasam.T.S	PIPDIC (Puducherry)	2 Months	01/08/2020	30/09/2022
27	Lingeswaran K	Supreme	2 Months	01/09/2020	30/10/2020
28	Rajamanikam M	SHAL Hero	2 Months	01/10/2020	30/11/2020
29	Vishnu Prasad	The Pondicherry state Co-Operative Bank Ltd	1 Month	10/08/2020	09/10/2020
30	Vigneshwar.G	Religare Brocking Limited	2 Months	01/09/2020	31/10/2020

6.1 Sponsored / Industry Projects

S.No	Project Title	Name of the Student/s	Name of the Sponsored Industry / Research Institute / Partnering Institution	Duration of the Project (Months)
1	Employee Empowerment	V. Bhubaneswar	Auririca Circuits	2 months
2	Employee Satisfaction	A.Jaralin	Jay Kay engineering Services	2 months

6.2 Industrial Visits

S.No	Name of the Industry / Company / Research Institute	Date of Visit	Target Audience	Number of Students Participated
1	Supreme Industries	9/3/2021	II year	102

Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
1	NIL			

SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	105
Number of Students opted Higher Studies	1
Number of Entrepreneur	2

7.1 Placements

Sl.No	Name of the Student	Company Placed	Salary Package (per annum)
1	Abdul Pavaz.L	Chola People and Marketing Services	2,32,780
2	Abiramidhazene.A	ICICI Prudential	3,00,000
3	Adithya Saravanan	Stratos Studio Ltd	2,60,000
4	Aiswarya.S.M	Sutherland	2,20,000
5	Ajay Prashanth.N.S	Stratos Studio Ltd	2,60,000
6	Akashraj.R	ICICI Prudential	3,00,000
7	Arokiyadass. C.	ICICI Prudential	3,00,000
8	Arunbarath.M	ICICI Prudential	3,00,000
9	Arunekaa.A	Relaince Retail	2,75,000
10	Arutkalai.K	Fasttrack HR Solutions Pvt. Ltd	2,52,000
11	Balaji. K.	NOVAC Technology Solutions	2,23,519
12	Balaji. R.	Oppo Mobiles	3,00,000
13	Bavani.S	Sutherland	2,20,000
14	Bharath Kumar.M	ICICI Prudential	3,00,000
15	Bilgets. A.	Relaince Retail	2,75,000
16	Chanthirika. R.	Fasttrack HR Solutions Pvt. Ltd	2,52,000
17	Dharmesh. S.	Stratos Studio Ltd	2,60,000
18	Dhilippan. M.	Property Pistol Reality Private Limited	2,27,000
19	Divya. A.	Fasttrack HR Solutions Pvt. Ltd	2,52,000
20	Febin Ramesh	ICICI Prudential	3,00,000
21	Ganesan.G	Oppo Mobiles	3,50,000
22	Gokul. D.	HCL	2,00,000
23	Gowthaman.K	Chola People and Marketing Services	2,32,780
24	Haranya. K	City Union Bank	4,70,844
25	Harigaran. K.	ICICI Prudential	3,00,000
26	Harini. P.	City Union Bank	4,70,844
27	Harish Kumar.V	Property Pistol Reality Private Limited	2,27,000
28	Harsha Lakshmi.D	Relaince Retail	3,50,000
29	Hinduja. N.	Relaince Retail	2,75,000
30	Ilavenil.S	City Union Bank	4,70,844

32	Jayasrilakshmi. C.	RR Donnelley India Outsourcing Pvt Ltd	2,27,640
33	Kabilan.U	Relaince Retail	2,75,000
34	Kalaivani.S	IDFC First Bank	3,01,776
35	Kamalesh. S.	Arun Exello	2,40,000
36	Karthiga. G.	IDFC First Bank	3,01,776
37	Lakshme Sonale. S.	Sutherland	2,20,000
38	Lingeswaran.K	ICICI Prudential	3,00,000
39	Madhivaradan.J	Relaince Retail	2,75,000
40	Mangayarkarasi.V	Sutherland	2,20,000
41	Manikandan. G.	ICICI Prudential	3,00,000
42	Manimurasu.P	IDFC First Bank	3,01,776
43	Manju. S.	Sutherland	2,20,000
44	Manova Divine. K.	City Union Bank	4,70,844
45	Mary Josline. J.	TCS	5,71,000
46	Meadhinraj. A.	Chola People and Marketing Services	2,32,780
47	Mithunkumar.G	Relaince Retail	2,75,000
48	Monica. A.	Stratos Studio Ltd	2,60,000
49	Monica. M.	Sutherland	2,20,000
50	Muthukumaran.K	City Union Bank	4,70,844
51	Mythili.S	Relaince Retail	2,75,000
52	Nandhini.H	Relaince Retail	2,75,000
53	Nevedhani. D	ICICI Prudential	3,00,000
54	Niranjan. R.	City Union Bank	4,70,844
55	Nivedha.V	Sutherland	2,20,000
56	Niveditha.L.V	Byju's	5,00,000
57	Padmapriya.A	Sutherland	2,20,000
58	Prasanth. K.	Integra	2,25,000
59	Praveen.P	IDFC First Bank	3,01,776
60	Praveen Kumar. P.	Relaince SMSL Limited	3,00,000
61	Rajamanickam. M.	HCL	2,00,000
62	Rajesh. K.	HCL	2,00,000
63	Rajidevi. R.	Unique Info	2,00,000
64	Ramaraj. G.	Stratos Studio Ltd	2,60,000
65	Ramkumar.J	Relaince Retail	2,75,000
66	Ranjani Priyaa. R.	Sutherland	2,20,000
67	Reshma.R	City Union Bank	4,70,844
68	Saaikumar. R.	SMV Software	2,80,000
69	Sadhish.V	Sutherland	2,20,000
70	Sai Saravanan. B.	Chola People and Marketing Services	2,32,780
71	Sangeetha.S	Relaince Retail	2,75,000
72	Sanjana. S.	Relaince Retail	2,75,000
73	Santhosh Kumar.V	City Union Bank	4,70,844
74	Sarang. K	Chola People and Marketing Services	2,32,780
75	Sarath.R	Chola People and Marketing Services	2,32,780
76	Savithaa. A.	Sutherland	2,20,000
77	Shanmugapriya.B	Integra	2,25,000
78	Sharani. P.	Sutherland	2,20,000
		Integra	2,25,000

80	Sibiraja. S.	Stratos Studio Ltd	2,60,000
81	Singaravelu.S	Chola People and Marketing Services	2,32,780
82	Sivapragasam. T.S.	Relaince Retail	2,75,000
83	Sivaranjani.G	Sutherland	2,20,000
84	Sivaranjani. G.	Sutherland	2,20,000
85	Sooriya. M	IDFC First Bank	3,01,776
86	Sriram. K.	SRS Cars	2,40,000
87	Subitsha.T	City Union Bank	4,70,844
88	Surendhar. B.	Reliance Retail	2,75,000
89	Suresh Kumar. E.	HCL	2,00,000
90	Swathi.S	Sutherland	2,20,000
91	Swathi. K.	HiyaMee	2,75,000
92	Thireburasundhri. M.	IDFC First Bank	3,01,776
93	Thivagaran.A	Arun Exello	2,40,000
94	Udhaya Murthy. U.	Chola People and Marketing Services	2,32,780
95	Umal Fazliya.M	Relaince Retail	2,75,000
96	Vanisri. T.	Integra	2,25,000
97	Velmurugan. J.	Arun Exello	2,40,000
98	Vignesh. K.	Byju's	5,00,000
99	Vigneshwar. G.	City Union Bank	4,70,844
100	Vigneshwaran. K.	Relaince Retail	2,75,000
101	Viknesh.D	Oppo Mobiles	3,00,000
102	Vimal Raj.K	ICICI Prudential	3,00,000
103	Vinodhini.N	SMV Software	2,80,000
104	Vishnuprasath.G	Chola People and Marketing Services	2,32,780
105	Yuvalaxmi. T	PriceWaterhouse Coopers	5,00,000

7.2 Higher Studies

S.No	Name of the Student	Name of the Institution	Name of Program admitted to
1	Vinothini.N	The Institute of Company Secretaries of India	CS

7.3 Entrepreneur

S.No	Name of the Student	Name of the Company	Nature of Company	Location / Address
1	Kamalesh.S	Guru Hardwares	Selling All Hardware items	22.D.Vallalar Salai, 45.Feet Road, Puducherry-605011
2	Manimurasu.P	Pandian Service Center	Selling and Servicing of Home Appliances	Cuddalore, Tamilnadu.

SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT

8.1 Technical Event / Workshop for Student

S.No	Name of the Event / Workshop	Organized under(Department / Student Association/ Profession Chapter / Student Club)	Date of Event	Level (State / National / International)	No. of Participants
1	Leadership Greatness	Professional Chapter	15-08-2020	State	16
2	Technology in HR	Professional Chapter	19-09-2020	State	40

3	Employee Engagement Activities in Non-Manufacturing Areas	Professional Chapter	19-12-2020	State	36
4	Self-Managed Team	Professional Chapter	23-01-2020	State	22
5	Effective Communication	Department	20-02-2021	State	56
6	Sexual Harassment	Professional Chapter	20-03-2021	State	22
7	Sexual Harassment of women at work place	Professional Chapter	22-05-2021	State	21
8	Budget Talk 2021	Department	15-03-2021	-	277

8.2 FDP /Workshop / STTP / Conference for Faculty

S.No	Name of the Event / Workshop	Organized under(Department / Student Association/ Profession Chapter)	Date of Event	Level (State / National / International)	No. of Participants
NIL					

SECTION – IX: ACHIEVEMENTS

9.1 Awards and Prizes Received by Students

S.No	Name of the Student	Event Name / Details	Organized by	Achievement / Position / Prizes
1.	A.Jaralin	Quiz Competition	B.S.Abdur Rahman Crescent Institute of Science & Technology, Chennai	Third
2.	Elakkiya	Quiz	MAM Engineering College, Tiruchirappalli	Second

9.2 Participation of teachers in various activities as a Members of Committees at University Level / State Level / National Level / International Level bodies

S.No	Name of the Faculty	Members of Committees at University Level / State Level / National Level / International Level as
1	Dr. N. S. N. Cailassame	Board of Study Member at Pondicherry University

9.3 Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers

S. No	Name of the Faculty	Name of Editorial Boards / Conferences
1	Dr. Bala Sendhil Kumar G.	Universal Journal of Industrial and Business Management, ISSN: 2332-3310 (Print), ISSN: 2332-3329 (Online) Horizon Research Publishing (HRPUB), USA August 2014 Onwards
2	Dr. Bala Sendhil Kumar G.	International Journal Business and Finance Management Research, ISSN: 2053-1842 Blue Pen Journals Limited, UK June 2014 Onwards
3	Dr. Bala Sendhil Kumar G.	American Journal of Management Science and Engineering(AJMSE), ISSN Print: 2575-193X ISSN Online: 2575-1379 Science Publishing Group, USA November 2020 Onwards
4	Dr.R.Sivakumar	Journal of Management Science and Review Peered Reviewed Online Journal Open access Journal

9.4 Awards / Prizes and Recognitions received by teachers at University, State, National and International Level

S. No	Name of the Faculty	Name of Awards / Recognition
1.	Dr.N.S.N .Cailassame	Excellence Award, MMA
2.	Dr.R Elamurugan	Best Teaching award
3.	Mr. A.Mathiazhagan	Best Trainer Award

9.5 Details of Faculty participated in Refresher Courses, Orientation Courses, Seminars, Workshops, Conferences at National and International Level

S. No	Name of the Faculty	FDP /STTP /Workshop /Conference Title	Organized by	Duration (Days)
1	Dr. Bala Sendhil Kumar G	National Summit On "Cyber Security: Issue Of Concern For Business Challenges Opportunities & Remedies" (20.30.2021)	Institute Of Technology & Science, Ghaziabad	01
2	Dr. Bala Sendhil Kumar G	International Virtual Conference On " Digital Marketing: Trends To Look In 2021" (23.04.2021)	Nehru Arts & Science College, Coimbatore In Association With Bule Hora University, Ethiopia	01
3	Dr. Bala Sendhil Kumar G	Workshop On "Data Analysis: Python And R" (31.05.2021 – 04.06.2021)	REST Society For Research International, Krishnagiri	05
4	Dr. Bala Sendhil Kumar G.	FDP On "How To Make Teaching Learning Process Effective Outcomes Based" (14.06.2021 - 21.06.2021)	Christian Eminent College, Indore	08
5	Dr. Bala Sendhil Kumar G.	International E-Seminar On "Managerial Opportunities And Challenges In New Normal" (23.06.2021 & 24.06.2021)	Lords Institute Of Engineering & Technology, Hyderabad In Association With Dhaka International University, Bangladesh	02
6	Dr. Bala Sendhil Kumar G.	ATAL FDP On "Application Of Artificial Intelligence In Business" (21.06.2021 – 25.06.2021)	Davanagere University, Karnataka In Association With AICTE, New Delhi	05
7	Dr. S. Madhiyarsi	Citation Style And Reference List	Siva Sivani Institute Of Management, Department Of Data Science, Telangana.	3 Days (21 To 23rd June 2021)
8	Ashley Dominic Benny	7 Day International Professional Development On SPSS	PG & Research Department Of Commerce	07
9	Dr.R.Sivakumar	Digital Teaching Techniques	ICT Academy	One Week
10	Dr.R.Sivakumar	Citation Styles and Reference Lists	Siva Sivani Institute of Management	3 days
11	Dr.R.Sivakumar	21 Century Emerging Trends in research and Paradigm Shift in Business Practices	Meerut Institute of Engineering and Technology	One week
12	Dr.R.Sivakumar	Design Thinking	AICTE Training And Learning (ATAL) Academy	4 days
13	Dr.M.Murugan	Recent Trends in Renewable Energy Sources and Applications	Rajiv Gandhi Institute of Technology, Mumbai	5 days
14	Dr.M.Murugan	Role of communication, media and Technology in youth development	Gandhi Memorial National College, Ambala Cantt.	1 day
15	Dr.M.Murugan	Application of Statistical Tools for Decision Making	Marudhar Kesari Jain College For Women, Vaniyambadi, TN	1 day
16	Mr.T.Chandramohan	Project Management for Managers	Sway am-NPTEL	12 Week

Declaration by HoD

I am aware that the above information provided by the department will be validated by the Academic and Administrative Audit (AAA) committee during the visit

Head of the Department

Recommendations:

Section	Remarks
Curricular Aspects	--
Teaching, Learning and Evaluation	--
Structured Feedback	--
Research, Innovation and Publications	Need depth concentration on these areas
Collaborations and Linkages	--
Student Progression	--
Activity Conducted / Organized by the Department	--
Achievements	--
General Remarks	Need to produce hard copies of awards
	Proofs are not in the proper order and some of the certificates not available in the faculty participation.

Signature of the External Academic Audit Experts

Dr.M.Karthikeyan
Professor
Department of Mechanical Engineering
RajaRajeswari College of Engineering
Mysore
Bangalore

Dr.R.Baskaran
Professor
Department of Industrial Engineering
CEG
Anna University

ACADEMIC AND ADMINISTRATIVE AUDIT

NON COMPLIANCE - REPORT

ACADEMIC YEAR 2020-2021

SMVEC / IQAC /EXT / AAA/ 2020-21 /01

24-11-2021

NON-CONFORMANCES IN AAA

To

The Head of the Department
Department of Electrical and Electronics Engineering
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry – 605 107

Dear Sir

Sub : Requesting Action taken Report for Non-Conformances in AAA – Reg.
Ref : SMVEC / IQAC / 01/ CIRCULAR / 21 dated 04-11-2021

*****

An Academic and Administrative Audit (AAA) was conducted by the External Expert Members nominated by IQAC for the Academic Year 2020-21 in your department on 18th November 2021. The following non-conformances were observed during the audit.

Section No.	Particulars	Remarks Given
SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS		
5.3	Faculty Publications: Books / Book Chapters	Faculty members can also be involved in Books / Books chapters publications.
SECTION – IX: ACHIVEMENTS		
9.2	Participation of teachers in various activities as a Members of Committees at University Level / State Level / National Level / International Level bodies	Faculty participation in various activities as a Members of Committees at University Level / State Level / National Level / International Level bodies has to be increased.

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before December 20, 2021

Thanking You
Yours Truly

Dr.P.Raja
IQAC Coordinator

SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE
An Autonomous Institution, Accredited by NAAC with 'A' grade
Puducherry - 605 107

NAAC

INTERNAL QUALITY ASSURANCE CELL

SMVEC / IQAC /EXT / AAA/ 2020-21 /01

24-11-2021

NON-CONFORMANCES IN AAA

To
The Head of the Department
Department of Electronics and Communication Engineering
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry – 605 107

Dear Sir

Sub : Requesting Action taken Report for Non-Conformances in AAA – Reg
Ref : SMVEC / IQAC / 02/ CIRCULAR / 20 dated 04.11.2021

*****

An Academic and Administrative Audit (AAA) was conducted by the External Expert Members nominated by IQAC for the Academic Year 2020-21 in your department on 18th November 2021. The following non-conformance was observed during the audit.

Section No.	Particular	Remarks
1	Curricular Aspects	Completion of syllabus was on time and additional Hours are allocated for numerical subjects so that the career is concerned.
2	Teaching, Learning and Evaluation	Usage of modern tools facilitates Teaching and helps for Timely completion.
3	Structured Feedback	Feedback mechanism was quite good and is collected through QCM on regular basis.
4	Research, Innovation and Publications	This year, 38 journals were published, which represents a significant improvement. They have also attended three national conferences and two international conferences. There are four (4) more Book Chapters to account for.
5	Collaborations and Linkages	Collaborations and Linkages are good. Microchip Technology, Chennai ad established a industry sponsored lab at our Dept.
6	Student Progression	Internship and event participation had increased significantly.
7	Activity Conducted / Organized by the Department	Activities are organized in well-defined manner.
8	Achievements	The team SUPERSONIC won runner up title for their contribution in the theme "Literacy" under "Women Empowerment" ,organized by All India Council For Technical Education and were Runner with a Cash prize of Rs. 50,000.
9	General Remarks	8 Patents are published so far and needs more focus on

		patenting. Industrial visit was not arranged due to Covid -19 Pandemic.

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before December 20, 2021

Thanking You
Yours Truly

Dr.P.Raja
IQAC Coordinator

SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
An Autonomous Institution,
Accredited by NAAC with 'A' grade
Puducherry - 605 107

NAAC
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

INTERNAL QUALITY ASSURANCE CELL

SMVEC / IQAC /EXT/ AAA/ 2020-2021 /02 24-11-2021

NON-CONFORMANCES IN AAA

To
The Head of the Department
Department of Computer Science and Engineering
Sri ManakulaVinayagar Engineering College
Madagadipet, Puducherry – 605 107

Dear Sir

Sub : Requesting Action taken Report for Non-Conformances in AAA – Reg
Ref : SMVEC / IQAC / 02/ CIRCULAR / 21 dated 04-11-2021

*****

An Academic and Administrative Audit (AAA) was conducted by the External Expert Members nominated by IQAC for the Academic Year 2020-21 in your department on 18th November 2021. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION –3: TEACHING, LEARNING AND EVALUATION		
3.2	Use of ICT Tools in Teaching Learning	ICT tools utilization should be improved
SECTION – VI: COLLABORATIONS AND LINKAGES		
6.2	Functional Memorandum of Understanding (MoU)	More MoU should be signed reputed companies
SECTION – VII: STUDENT PROGRESSION		
7.2	Higher Studies	Encourage the students to go for higher studies

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before December 20, 2021.

Thanking You
Yours Truly

Dr.P.Raja
IQAC Coordinator

SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE
An Autonomous Institution.
Accredited by NAAC with 'A' grade
Puducherry - 605 107

NAAC NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

INTERNAL QUALITY ASSURANCE CELL

SMVEC / IQAC / EXT / AAA/ 2020-21 /01

24-11-2021

NON-CONFORMANCES IN AAA

To
The Head of the Department
Department of Information Technology
Sri ManakulaVinayagar Engineering College
Madagadipet, Puducherry – 605 107

Dear Sir,

Sub: Requesting Action taken Report for Non-Conformances in AAA – Reg.
Ref: SMVEC / IQAC / 01/ CIRCULAR / 21 dated 04-11-2021

*****

An Academic and Administrative Audit (AAA) was conducted by the External Expert Members nominated by IQAC for the Academic Year 2020-21 in your department on 18th November 2021. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION - V : RESEARCH, INNOVATION AND PUBLICATIONS		
5.1	Research grants, Projects completed and on-going from various funding agencies	Need to initiate Research Grant related works in the department
SECTION - VIII : ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT		
8.2	FDP /Workshop / STTP / Conference for Faculty	A minimum of 2 programme per semester to be organized

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before 20th December 2021.

Thanking You
Yours Truly

Dr.P.Raja
IQAC Coordinator

SMVEC/IQAC/EXT/AAA/ 2020-21/04 24-11-2021

NON-CONFORMANCES IN AAA

To
The Head of the Department
Department of Mechanical Engineering
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry – 605 107

Dear Sir

Sub : Requesting Action taken Report for Non-Conformances in AAA – Reg
Ref : SMVEC/IQAC/04/CIRCULAR/21 dated 04-11-2021

*****

An Academic and Administrative Audit (AAA) was conducted by the External Expert Members nominated by IQAC for the Academic Year 2020-21 in your department on 18th November 2021. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS		
5.3	Faculty Publications	Publication count need to be increased
SECTION – VI: COLLABORATIONS AND LINKAGES		
6.2	Sponsored / Industry Projects	Sponsored or Industry Projects count need to be increased
SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT		
8.2	FDP /Workshop / STTP / Conference for Faculty	Organize more FDP/STTP in the department

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before December 31, 2021.

Thanking You
Yours Truly

Dr.P.Raja
IQAC Coordinator

SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
An Autonomous Institution,
Accredited by NAAC with 'A' grade
Puducherry - 605107

NAAC NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

INTERNAL QUALITY ASSURANCE CELL

SMVEC / IQAC /EXT/ AAA/ 2020-21 /01 24-11-2021

NON-CONFORMANCES IN AAA

To
The Head of the Department
Department of Instrumentation and Control Engineering
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry – 605 107

Dear Sir

Sub : Requesting Action taken Report for Non-Conformances in AAA – Reg
Ref : SMVEC / IQAC / 01/ CIRCULAR / 21 dated 04-11-2021

*****

An Academic and Administrative Audit (AAA) was conducted by the External Expert Members nominated by IQAC for the Academic Year 2020-21 in your department on 18th Nov 2021. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION – V : RESEARCH, INNOVATION AND PUBLICATIONS		
5.1	Research Grants, Projects completed and ongoing from various Funding Agencies	**Need to concentrate more on research grants, patents and projects received from funding agencies.**

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before December 21, 2021.

Thanking You
Yours Truly

Dr.P.Raja
IQAC Coordinator

SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE
An Autonomous Institution,
Accredited by NAAC with 'A' grade
Puducherry - 605 107

NAAC NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

INTERNAL QUALITY ASSURANCE CELL

SMVEC / IQAC/EXT/AAA/ 2020-21 /01

24-11-2021

NON-CONFORMANCES IN AAA

To
The Head of the Department
Department of Civil Engineering
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry – 605 107

Dear Sir

Sub: Requesting Action taken Report for Non-Conformances in AAA – Reg.
Ref: SMVEC / IQAC / 02 / CIRCULAR / 20 dated 04-11-2021

*****

An Academic and Administrative Audit (AAA) was conducted by the External Expert Members nominated by IQAC for the Academic Year 2020-21 in your department on 18th November 2021. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS		
5.1 & 5.2	Research Grants, Projects completed and ongoing from various Funding Agencies	Research grant and consultancy works can be enhanced
SECTION – VII: STUDENT PROGRESSION		
7.3	Entrepreneur	Entrepreneur in the department to be checked with Alumini

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before December 20, 2021

Thanking You
Yours Truly

IQAC Coordinator
(Dr.P.Raja)

SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
An Autonomous Institution,
Accredited by NAAC with 'A' grade
Puducherry - 605 107

NAAC
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

INTERNAL QUALITY ASSURANCE CELL

SMVEC / IQAC /EXT / AAA/ 2020-21 / 02

24-11-2021

NON-CONFORMANCES IN AAA

To
The Head of the Department
Department of Mechatronics
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry – 605 107

Dear Sir

Sub : Requesting Action taken Report for Non-Conformances in AAA – Reg
Ref : SMVEC / IQAC / 02/ CIRCULAR / 22 dated 04-11-2021

*****

An Academic and Administrative Audit (AAA) was conducted by the External Expert Members nominated by IQAC for the Academic Year 2020-21 in your department on 19th November 2021. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION – VI: COLLABORATIONS AND LINKAGES		
6.2	Sponsored / Industry Projects	Need more focus inindustry oriented projects
SECTION – IX: ACHIEVEMENTS		
9.1	Awards and Prizes Received by Students	Need to encourage the students to participate college events more national/International level

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before December 20, 2021.

Thanking You
Yours Truly

Dr.P.Raja
IQAC Coordinator

SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
An Autonomous Institution,
Accredited by NAAC with 'A' grade
Puducherry - 605 107

NAAC
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

INTERNAL QUALITY ASSURANCE CELL

SMVEC / IQAC /EXT / AAA/ 2020-21 / 02

24-11-2021

NON-CONFORMANCES IN AAA

To
The Head of the Department
Department of Biomedical Engineering
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry – 605 107

Dear Sir

Sub : Requesting Action taken Report for Non-Conformances in AAA – Reg
Ref : SMVEC / IQAC / 02/ CIRCULAR / 22 dated 04-11-2021

*****

An Academic and Administrative Audit (AAA) was conducted by the External Expert Members nominated by IQAC for the Academic Year 2020-21 in your department on 19th November 2021. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION – VI: COLLABORATIONS AND LINKAGES		
6.2	Sponsored / Industry Projects	Need more focus on industry oriented projects and MoU

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before December 20, 2021.

Thanking You

Yours Truly

Dr.P.Raja
IQAC Coordinator

SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE
An Autonomous Institution,
Accredited by NAAC with 'A' grade
Puducherry - 605 107

NAAC

INTERNAL QUALITY ASSURANCE CELL

SMVEC / IQAC/EXT/AAA/ 2020-21 /02

24-11-2021

NON-CONFORMANCES IN AAA

To
The Head of the Department
Department of Artificial Intelligence and Data Science
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry – 605 107

Dear Sir

Sub : Requesting Action taken Report for Non-Conformances in AAA – Reg
Ref : SMVEC / IQAC / 02 / CIRCULAR / 22 dated 4-11-2021

*****

An Academic and Administrative Audit (AAA) was conducted by the External Expert Members nominated by IQAC for the Academic Year 2020-21 in your department on 19th November 2022. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION –II : CURRICULAR ASPECTS		
2.1	**Academic Plan**	
2.5	List of Skill Development Courses offered by the department	**Documentation of skill development courses, and mandatory course selections must be provided as evidence**
2.7	List of Mandatory Courses offered by the department	
SECTION –III: TEACHING, LEARNING AND EVALUATION		
3.5	Counseling and Mentoring	**Mentoring done need to be evidenced through proper documentation**
3.7	Learning Outcomes	**Course Attainment not initiated and need to be conducted by fixing targets for each batch of students.**
SECTION – VI: COLLABORATIONS AND LINKAGES		
6.4	Functional Memorandum of Understanding (MoU)	**MoU should be established with reputable organizations to enhance opportunities for placements, internships, and related endeavors**
SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT		
8.1	Technical Event / Workshop for Student	**A minimum of 2 programme to be conducted in a year**

8.2	FDP /Workshop / STTP / Conference for Faculty	
SECTION – IX: ACHIEVEMENTS		
9.3	Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers	**Faculty members are required to engage in various professional organizations and attain awards as part of their professional development. Supporting documentation is necessary to validate faculty achievements.**
9.4	Awards / Prizes and Recognitions received by teachers at University, State, National and International Level	

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before December 20, 2021

Thanking You
Yours Truly

Dr.P.Raja
IQAC Coordinator

SMVEC / IQAC/EXT/AAA/ 2020-21 /02

24-11-2021

NON-CONFORMANCES IN AAA

To
The Head of the Department
Department of Computer Science and Business Systems
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry – 605 107

Dear Sir

Sub : Requesting Action taken Report for Non-Conformances in AAA – Reg
Ref : SMVEC / IQAC / 02 / CIRCULAR / 22 dated 4-11-2021

*****

An Academic and Administrative Audit (AAA) was conducted by the External Expert Members nominated by IQAC for the Academic Year 2020-21 in your department on 19th November 2021. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION –II : CURRICULAR ASPECTS		
2.1	**Academic Plan**	
2.5	List of Skill Development Courses offered by the department	**Documentation of skill development courses, and mandatory course selections must be provided as evidence**
2.7	List of Mandatory Courses offered by the department	
SECTION –III: TEACHING, LEARNING AND EVALUATION		
3.5	Counseling and Mentoring	**Mentoring done need to be evidenced through proper documentation**
3.7	Learning Outcomes	**Course Attainment not initiated and need to be conducted by fixing targets for each batch of students.**
SECTION – VI: COLLABORATIONS AND LINKAGES		
6.4	Functional Memorandum of Understanding (MoU)	**MoU should be established with reputable organizations to enhance opportunities for placements, internships, and related endeavors**
SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT		
8.1	Technical Event / Workshop for Student	**A minimum of 2 programme to be conducted in a year**

8.2	FDP /Workshop / STTP / Conference for Faculty	
SECTION – IX: ACHIEVEMENTS		
9.3	Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers	**Faculty members are required to engage in various professional organizations and attain awards as part of their professional development. Supporting documentation is necessary to validate faculty achievements.**
9.4	Awards / Prizes and Recognitions received by teachers at University, State, National and International Level	

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before December 20, 2021

Thanking You
Yours Truly

Dr. P. Raja
IQAC Coordinator

SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE
An Autonomous Institution,
Accredited by NAAC with 'A' grade
Puducherry - 605 107

NAAC NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

INTERNAL QUALITY ASSURANCE CELL

SMVEC / IQAC /EXT/ AAA/ 2020-21 /01

24-11-2021

NON-CONFORMANCES IN AAA

To
The Head of the Department
Department of Computer and Communication Engineering
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry – 605 107

Dear Sir

Sub : Requesting Action taken Report for Non-Conformances in AAA – Reg
Ref : SMVEC / IQAC / 01/ CIRCULAR / 22 dated 4-11-2021

*****

An Academic and Administrative Audit (AAA) was conducted by the External Expert Members nominated by IQAC for the Academic Year 2020-21 in your department on 19th November 2021. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION – V : RESEARCH, INNOVATION AND PUBLICATIONS		
5.1	Research Grants, Projects completed and ongoing from various Funding Agencies	Require more focus and attention in research for receiving funds, publishing books and filing patents.
5.2	Consultancy Works	
5.3	Faculty Publications	
5.3.3	Number of Publication in National Conferences	
5.3.5	Number of Books / Book Chapters	
5.3.7	Number of Patents Granted	

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before December 20, 2021.

Thanking You
Yours Truly

Dr.P.Raja
IQAC Coordinator

SMVEC/IQAC/EXT/AAA/ 2020-21/04

24-11-2021

NON-CONFORMANCES IN AAA

To
The Head of the Department
Department of Fashion Technology
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry – 605 107

Dear Sir

Sub : Requesting Action taken Report for Non-Conformances in AAA – Reg
Ref : SMVEC/IQAC/04/CIRCULAR/21 dated 04-11-2021

*****

An Academic and Administrative Audit (AAA) was conducted by the External Expert Members nominated by IQAC for the Academic Year 2020-21 in your department on 18th November 2021. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION –2 : CURRICULAR ASPECTS		
2.1	**Academic Plan**	
2.1.2	Faculty Subject Preferences	**Documentary evidences for subject preference, subject allotment, skill development courses, Mandatory courses need to be evidenced**
2.1.4	Course allotment to the Faculty	
SECTION –3: TEACHING, LEARNING AND EVALUATION		
3.5	Counseling and Mentoring	**Mentoring done need to be evidenced through proper documentation**
3.7	Learning Outcomes	**Course Attainment not initiated and need to be conducted by fixing targets for each batch of students.**
SECTION – IV : STRUCTURED FEEDBACK		
4.2	Parent Meet / Parent Feedback on Teaching conducted with action taken report	**Parent meeting conducted needs to be documented and feedback to be collected in prescribed format**

SECTION – V : RESEARCH, INNOVATION AND PUBLICATIONS		
5.1	Research Grants, Projects completed and ongoing from various Funding Agencies	**Need to concentrate on R &D for research oriented projects to get funding from external agencies, publish paper in reputed journals and file patents.**
5.2	Consultancy Works	
5.3	Faculty Publications	
5.3.1	Number of Publication in National Journals	
5.3.2	Number of Publication in International Journals	
5.3.3	Number of Publication in National Conferences	
5.3.4	Number of Publication in International Conferences	
5.3.5	Number of Books / Book Chapters	
5.3.6	Number of Patent (Filed)	
5.3.7	Number of Patents Granted	
SECTION – VI: COLLABORATIONS AND LINKAGES		
6.4	Functional Memorandum of Understanding (MoU)	**MoU to be signed with reputed organization for better placements, internship etc.,**
SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT		
8.1	Technical Event / Workshop for Student	**A minimum of 2 programme to be conducted in a year**
8.2	FDP /Workshop / STTP / Conference for Faculty	
SECTION – IX: ACHIEVEMENTS		
9.3	Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers	**Faculty need to participate in various professional bodies and receive awards to their credit. Supporting documents need to be evidenced on the achievements a faculty has obtained.**
9.4	Awards / Prizes and Recognitions received by teachers at University, State, National and International Level	

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before December 31, 2021.

Thanking You
Yours Truly

Dr.P.Raja
IQAC Coordinator

SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
An Autonomous Institution,
Accredited by NAAC with 'A' grade
Puducherry - 605 107

NAAC
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

INTERNAL QUALITY ASSURANCE CELL

SMVEC/IQAC/EXT/AAA/ 2020-21/01

24-11-2021

NON-CONFORMANCES IN AAA

To
School of Architecture
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry – 605 107

Dear Sir

Sub: Requesting Action taken Report for Non-Conformances in AAA – Reg
Ref : SMVEC/IQAC/04/CIRCULAR/21 dated 04-11-2021

*****

An Academic and Administrative Audit (AAA) were conducted by the External Expert Members nominated by IQAC for the Academic Year 2020-21 in your department on 19th November 2021. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS		
5.3	Faculty Publications	Publication count need to be increased
SECTION – VI: COLLABORATIONS AND LINKAGES		
6.2	Sponsored / Industry Projects	Sponsored or Industry Projects count need to be increased
SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT		
8.2	FDP /Workshop / STTP / Conference for Faculty	Organize more FDP/STTP in the department

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before December 31, 2021.

Thanking You
Yours Truly

Dr.P.Raja
IQAC Coordinator

SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
An Autonomous Institution,
Accredited by NAAC with 'A' grade
Puducherry - 605 107

NAAC NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

INTERNAL QUALITY ASSURANCE CELL

SMVEC / IQAC /EXT / AAA/ 2020-21 /01 24-11-2021

NON-CONFORMANCES IN AAA

To
The Head of the Department
Department of Master of Computer Applications
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry – 605 107

Dear Sir

Sub : Requesting Action taken Report for Non-Conformances in AAA – Reg
Ref : SMVEC / IQAC / 01/ CIRCULAR / 20 dated 04-11-2021

*****

An Academic and Administrative Audit (AAA) was conducted by the External Expert Members nominated by IQAC for the Academic Year 2020-21 in your department on 19th Nov 2021. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION – V : RESEARCH, INNOVATION AND PUBLICATIONS		
5.2	Consultancy Works	Require most attention to increase consultancy work for students and Faculty Book chapter and patent should be increased.
5.3.5	Number of Books / Book Chapters	
5.3.6	Number of Patent (Filed)	
5.3.7	Number of Patents Granted	
SECTION – VI: COLLABORATIONS AND LINKAGES		
6.4	Functional Memorandum of Understanding (MoU)	Need initiation by faculty to MoU's to be signed for better linkages and collaboration with industry and they must be functional.

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before Dec 20, 2021

Thanking You

Yours Truly

Dr.P.Raja
IQAC Coordinator

SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE
An Autonomous Institution,
Accredited by NAAC with 'A' grade
Puducherry - 605 107

INTERNAL QUALITY ASSURANCE CELL

SMVEC / IQAC /EXT / AAA/ 2020-21/01

24-11-2021

NON-CONFORMANCES IN AAA

To

The Head of the Department
Department of Management Studies
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry – 605 107

Dear Sir

Sub: Requesting Action taken Report for Non-Conformances in AAA – Reg
Ref: SMVEC / IQAC / 01/ CIRCULAR / 21 dated 04-12-2021

*****

An Academic and Administrative Audit (AAA) was conducted by the External Expert Members nominated by IQAC for the Academic Year 2020-21 in your department on 19th November 2021. The following non-conformances were observed during the audit.

Section No.	Particular	Comments
SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS		
5.1	Research Grants, Projects completed and ongoing from various Funding Agencies	Need depth concentration on these areas
5.2	Consultancy works	
5.3.6	Number of Patent (Filed)	
5.3.7	Number of Patents Granted	
SECTION – IX: ACHIEVEMENTS		
9.4	Awards / Prizes and Recognitions received by teachers at University, State, National and International Level	Need to produce hard copy
9.5	Details of Faculty participated in Refresher Courses, Orientation Courses, Seminars, Workshops, Conferences at National and International Level	Proofs are not in the proper order and some of the certificates not available.

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before December 20, 2021Thanking You

Yours Truly

Dr. P. Raja
IQAC Coordinator

ACADEMIC AND ADMINISTRATIVE AUDIT

ACTION TAKEN REPORT

ACADEMIC YEAR 2020-2021

SMVEC / HEAD – EEE /EXT / AAA/ 21

20-12-2021

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ACTION TAKEN REPORT

From

The Head of the Department
Department of Electrical and Electronics Engineering
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry – 605 107

Dear Sir

Sub : Action taken Report submission for Non-Conformances in AAA – Reg
Ref : SMVEC / IQAC /EXT / AAA/ 2020-21 /01

*****

An Academic and Administrative Audit (AAA) was conducted by the External Expert Members nominated by IQAC for the Academic Year 2020-21 in our department on 18th November 2021. It is hereby informed that we have attached action take report for the non-conformances in AAA as given below.

Section No.	Particulars	Remarks Given	Action Taken
SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS			
5.3	Faculty Publications: Books / Book Chapters	Faculty members can also be involved in Books / Books chapters publications.	Faculty members have been encouraged to actively engage in the publication of books and book chapters in their own area of specialization.
SECTION – IX: ACHIVEMENTS			
9.2	Participation of teachers in various activities as a Members of Committees at University Level / State Level / National Level / International Level bodies	Faculty participation in various activities as a Members of Committees at University Level / State Level / National Level / International Level bodies has to be increased.	Faculty participation in committees at all levels has been actively promoted through targeted outreach, awareness campaigns, and incentivized recognition programs to enhance their involvement in university, state, national, and international bodies.

Thanking You
Yours Truly

HOD/EEE

SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE
(An Autonomous Institution)
Puducherry - 605 107

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

SMVEC/ECE/IQAC/EXT/AAA/2020-21 10.12.2021

From
The Head of the Department
Department of Electronics and Communication Engineering
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry-605 107

Dear Sir

Sub: Action Taken Report for Non-Conformances in AAA –Reg

Ref: SMVEC / IQAC /EXT / AAA/ 2020-21 /01 dated 04.11.21

The following non-conformance was received during the Academic and Administrative Audit (AAA) conducted by the External Expert members nominated by IQAC for the academic year 2020-21 in ECE on 18 November 2021.

Section No.	Particular	Remarks
1	Curricular Aspects	Completion of syllabus was on time and additional Hours are allocated for numerical subjects so that the career is concerned.
2	Teaching, Learning and Evaluation	Usage of modern tools facilitates Teaching and helps for Timely completion.
3	Structured Feedback	Feedback mechanism was quite good and is collected through QCM on regular basis.
4	Research, Innovation and Publications	This year, 38 journals were published, which represents a significant improvement. They have also attended three national conferences and two international conferences. There are four (4) more Book Chapters to account for.
5	Collaborations and Linkages	Collaborations and Linkages are good. Microchip Technology, Chennai ad established a industry sponsored lab at our Dept.
6	Student Progression	Internship and event participation had increased significantly.
7	Activity Conducted / Organized by the Department	Activities are organized in well-defined manner.
8	Achievements	The team SUPERSONIC won runner up title for their contribution in the theme "Literacy" under "Women Empowerment" ,organized by All India Council For Technical Education and were Runner with a Cash prize of Rs. 50,000.

9	General Remarks	8 Patents are published so far and needs more focus on patenting. Industrial visit was not arranged due to Covid -19 Pandemic.

In response to the previously mentioned non-conformance the following measures are being put into effect.

The positive feedback received serves as encouragement, yet there remains a continuous drive to further enhance all facets of education to maximize student benefits.

Department takes careful consideration while offering corrections to any remarks made by the IQAC. Every section has been thoroughly reviewed to ensure that it is appropriate, and the supporting documentation is included for your reference.

Thanking You

Yours Truly

Dr.P.Raja

HoD/ECE

SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE
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(An Autonomous Institution)
Madagadipet, Puducherry - 605 107

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

SMVEC / Head-CSE /EXT / AAA/ 21 20-12-2021

Sir,

Sub: Action taken report for Non-conformances in AAA – Reg.
Ref: SMVEC / IQAC EXT/ AAA/ 2020-21 /02

Action taken report for Non-conformances in AAA, which was held on 18-11-2021. The following sections are Non-conformances and their action plan.

Section No.	Particular	Remarks	Action Plan
SECTION –3: TEACHING, LEARNING AND EVALUATION			
3.2	Use of ICT Tools in Teaching Learning	ICT tools utilization should be improved	Planning to enhance the use of various ICT tools from the upcoming semester onwards.
SECTION – VI: COLLABORATIONS AND LINKAGES			
6.4	Functional Memorandum of Understanding (MoU)	Need to focus on functional MoU's.	MoU will be signed in the upcoming semester
SECTION – VII: STUDENT PROGRESSION			
7.2	Higher Studies	Encourage the students to go for higher studies	We are conducting coaching classes for entrance examinations going for higher studies

Yours faithfully

HOD/CSE
Dr.K.Premkumar

SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE
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Madagadipet, Puducherry - 605 107

DEPARTMENT OF INFORMATION TECHNOLOGY

SMVEC/Head-IT/EXT/AAA/20 16.12.2021

Sir,

Sub: Action Taken Report for Non-Conformances in AAA – Reg.

Ref: SMVEC / IQAC / EXT / AAA/ 2020-21 /01

Action Taken Report for Non-Conformances in AAA, which was held on 18th November 2021.

Section No.	Particular	Comments	Remarks
SECTION – V : RESEARCH, INNOVATION AND PUBLICATIONS			
5.1	Research grants, Projects completed and on-going from various funding agencies	Need to initiate Research Grant related works in the department	Works initiated to attract Research grants from various agencies
SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT			
8.2	FDP /Workshop / STTP / Conference for Faculty	A minimum of 2 programme per semester to be organized	Programmes were planned for the upcoming semester

Thanking you

Yours faithfully

HoD/IT
(Dr.R.Raju)

SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE

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Madagadipet, Puducherry - 605 107

DEPARTMENT OF MECHANICAL ENGINEERING

SMVEC/ Head-Mechanical /EXT/AAA/21 20.12.2021

Madam,

Sub: Action Taken Report for Non-Conformances in AAA – Reg.

Ref: SMVEC/IQAC/EXT/AAA/2020-21/04

Action Taken Report for Non-Conformance in AAA, which was held on 24.11.2021.

Section No.	Particular	Comments	Remarks
SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS			
5.3	Faculty Publications	Publication count need to be increased	Informed to faculties to publish minimum two publication per year
SECTION – VI: COLLABORATIONS AND LINKAGES			
6.2	Sponsored / Industry Projects	Sponsored or Industry Projects count need to be increased	Made MoU with industries and contacted non-government agencies for sponsored projects
SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT			
8.2	FDP /Workshop / STTP / Conference for Faculty	Organize more FDP/STTP in the department	Applied for ATAL FDP and quotation given to management to conduct internal FDP

Thanking you

Yours faithfully

HoD – Mechanical
(Dr.K.Velmurugan)

SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE
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Madagadipet, Puducherry - 605 107

DEPARTMENT OF INSTRUMENTATION AND CONTROL ENGINEERING

SMVEC/Head-ICE/EXT/AAA/21 20.12.2021

Sir,

Sub: Action Taken Report for Non-Conformances in AAA – Reg.

Ref: SMVEC / IQAC /EXT/ AAA/ 2020-21 /01

Action Taken Report for Non-Conformances in AAA, which was held on 24.11.2021.

Section No.	Particular	Contents	Remarks
SECTION – V : RESEARCH, INNOVATION AND PUBLICATIONS			
5.1	Research Grants, Projects completed and ongoing from various Funding Agencies	Need to concentrate more on research grants, Patents projects received from funding agencies.	Will focus more on the research grants, projects received from funding agencies will be provided within the last week of March.

Thanking you

Yours faithfully

HoD – ICE
(Dr.L.M.Varalakshmi)

2020-21
E

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DEPARTMENT OF CIVIL ENGINEERING

SMVEC/Head-Civil/EXT/AAA/21 10.12.2021

Sir,

Sub: Action Taken Report for Non-Conformances in AAA – Reg.

Ref: SMVEC / IQAC / ENT/ AAA / 2020-21 / 01

Action Taken Report for Non-Conformance in AAA, which was held on 24.11.2021

Section No.	Particular	Comments	Remarks
SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS			
5.1 & 5.2	Research Grants, Projects completed and ongoing from various Funding Agencies	Research grant and consultancy works can be enhanced	The consultancy jobs offered by the department is published to all stakeholders
SECTION – VII: STUDENT PROGRESSION			
7.3	Entrepreneur	Entrepreneur in the department to be checked with Alumini	In the process of collecting the data from the alumini on entrepreneurship

Thanking you

Yours faithfully

10/12/21

HoD –Civil
(Dr.S.Sundararaman)

2.2.2021
E

SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE

(An Autonomous Institution)
Puducherry - 605 107

DEPARTMENT OF MECHATRONICS

SMVEC / Head-MCTR / EXT/ AAA/20-21 20-12-2021

Action taken report for Non-conformances in AAA

To

The IQAC Coordinator

Sri Manakula Vinayagar Engineering College

Puducherry – 605107

Sir,

Sub :Action Taken Report for Non-Conformances in AAA – Reg.

Ref :SMVEC / IQAC /EXT / AAA/ 2020-21 /02

Section No.	Particular	Comments	Remarks
SECTION – VI: COLLABORATIONS AND LINKAGES			
6.2	Sponsored / Industry Projects	Need more focus in industry oriented projects	Efforts taken to propose industry and consultancy projects
SECTION – IX: ACHIEVEMENTS			
9.1	Awards and Prizes Received by Students	Need to encourage the students to participate college events more national/International level	Informed to the students also taken more effort to encourage the students to participate inter college events as well as other college competition national/International level

Dr.G.Balamuruga Mohan Raj

HoD/Mechatronics

SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE

(An Autonomous Institution)
Puducherry - 605 107

DEPARTMENT OF BIOMEDICAL ENGINEERING

SMVEC / Head-BME / EXT/ AAA/20

20-12-2021

Action taken report for Non-conformances in AAA

To

The IQAC Coordinator

Sri Manakula Vinayagar Engineering College

Puducherry – 605107

Sir,

Sub: Action Taken Report for Non-Conformances in AAA – Reg.

Ref: SMVEC / IQAC /EXT / AAA/ 2020-21 /02

Section No.	Particular	Comments	Remarks
SECTION – VI: COLLABORATIONS AND LINKAGES			
6.2	Sponsored / Industry Projects	Need more focus on industry oriented projects and MoU	Efforts taken to Sign MoU with industry and consultancy projects

Dr.A.Vijayalakshmi

HOD/BME

SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE
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Madagadipet, Puducherry - 605 107

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

SMVEC/ Head-AI&DS /EXT/AAA/21

13.12.2021

Sir,

Sub: Action Taken Report for Non-Conformances in AAA – Reg.

Ref: SMVEC / IQAC / EXT/ AAA / 2020-21 / 02

Action Taken Report for Non-Conformance in AAA, which was held on 24.11.2021.

Section No.	Particular	Comments	Remarks
SECTION –II : CURRICULAR ASPECTS			
2.1	**Academic Plan**		
2.5	List of Skill Development Courses offered by the department	**Documentation of skill development courses, and mandatory course selections must be provided as evidence**	Documentation of skill development courses was achieved by compiling a comprehensive list, while mandatory course selections were enforced through a structured framework, and regular reviews.
2.7	List of Mandatory Courses offered by the department		
SECTION –3: TEACHING, LEARNING AND EVALUATION			
3.4	Activities for Slow and Advanced Learners	**Slow learners follow up need to be documented in Assessment book to have a clear track record of students.**	Periodic maintenance of documents for slow learners ensures that engaging activities accommodate the unique paces of both slow and advanced learners, fostering a supportive environment for continuous growth and achievement
SECTION – IX: ACHIEVEMENTS			
9.2	Participation of teachers in various activities as a Members of Committees at University Level / State Level / National Level / International Level bodies	Needs encouragement for faculty to participate in events organized outside the institution	Consultancy works initiated and faculty members are asked to publish their journals in reputed journals.
9.3	Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers		Faculties are requested to nominate themselves to the editorial/ reviewers committee.
9.4	Awards / Prizes and Recognitions received by teachers at University, State, National and International Level		Faculties are requested to participate in various professional bodies and encouraged to receive awards to their credit

Thanking you

Yours faithfully

HoD – AI&DS
(Dr. J. Madhu...)

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SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE
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Madagadipet, Puducherry - 605 107

DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEMS

SMVEC/ CSBS /EXT/AAA/21

13.12.2021

Sir,

Sub: Action Taken Report for Non-Conformances in AAA – Reg.

Ref: SMVEC / IQAC / EXT/ AAA / 2020-21 / 02

Action Taken Report for Non-Conformance in AAA, which was held on 24.11.2021.

Section No.	Particular	Comments	Remarks
SECTION – IX: ACHIEVEMENTS			
9.2	Participation of teachers in various activities as a Members of Committees at University Level / State Level / National Level / International Level bodies	Faculty members are required to engage in various professional organizations and attain awards as part of their professional development. Supporting documentation is necessary to validate faculty achievements.	Consultancy works initiated and faculty members are asked to publish their journals in reputed journals. Faculties are requested to nominate themselves to the editorial/reviewers committee. Faculties are requested to participate in various professional bodies and encouraged to receive awards to their credit.
9.3	Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers		
9.4	Awards / Prizes and Recognitions received by teachers at University, State, National and International Level		

Thanking you

Yours faithfully

HoD –CSBS

(Dr. G. Shanmugasundaram)

SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE
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Madagadipet, Puducherry - 605 107

DEPARTMENT OF COMPUTER AND COMMUNICATION ENGINEERING

SMVEC/Head-CCE/EXT/AAA/21 19.12.2021

Sir,

Sub: Action taken report for Non-conformances in AAA – Reg.
Ref: SMVEC / IQAC /EXT/ AAA/ 2020-21 /01

Action taken report for Non-conformances in AAA, which was held on 19.11.2021. The following section are Non-conformances and their action plan.

S.No	Particular	Comments	Action plan
Section-V: Research, Innovation and Publications			
5.1	Research Grants, Projects completed and ongoing from various Funding Agencies	Require more focus and attention in research for receiving funds, publishing books and filing patents.	Publications, Books and Patent will be published in upcoming academic year.
5.2	Consultancy Works		
5.3	Faculty Publications		
5.3.3	Number of Publication in National Conferences		
5.3.5	Number of Books/ Book Chapters		
5.3.7	Number of Patents Granted		

Thanking you
Yours faithfully

HOD/CCE
Dr.V.Bharathi

SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE

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Madagadipet, Puducherry - 605 107

DEPARTMENT OF FASHION ENGINEERING

SMVEC/ Head-Fashion /EXT/AAA/21 20.12.2021

Madam,

Sub: Action Taken Report for Non-Conformances in AAA – Reg.

Ref: SMVEC/IQAC/EXT/AAA/2020-21/04

Action Taken Report for Non-Conformance in AAA, which was held on 24.11.2021.

Section No.	Particular	Remarks	Action Taken
SECTION –2 : CURRICULAR ASPECTS			
2.1	**Academic Plan**		
2.1.2	Faculty Subject Preferences	**Documentary evidences for subject preference, subject allotment, skill development courses, Mandatory courses need to be evidenced**	**Internal Circular sent to subject faculty and get the willingness. Through internal circular information sent to the staff With undersigned**
2.1.4	Course allotment to the Faculty		
SECTION –3: TEACHING, LEARNING AND EVALUATION			
3.5	Counseling and Mentoring	**Mentoring done need to be evidenced through proper documentation**	**Document followed by concern mentor**
SECTION – IV : STRUCTURED FEEDBACK			
4.2	Parent Meet / Parent Feedback on Teaching conducted with action taken report	**Parent meeting conducted needs to be documented and feedback to be collected in prescribed format**	**Parents contact /visit the dept. staff once in semester if necessary.**
SECTION – V : RESEARCH, INNOVATION AND PUBLICATIONS			
5.1	Research Grants, Projects completed and ongoing from various Funding Agencies	**Need to concentrate on R &D for research oriented projects to get funding from external agencies, publish paper in reputed journals and file patents.**	**Under process**
5.2	Consultancy Works		
5.3	Faculty Publications		
5.3.1	Number of Publication in National Journals		

5.3.2	Number of Publication in International Journals		
5.3.3	Number of Publication in National Conferences		
5.3.4	Number of Publication in International Conferences		
5.3.5	Number of Books / Book Chapters		
5.3.6	Number of Patent (Filed)		
5.3.7	Number of Patents Granted		
SECTION – VI: COLLABORATIONS AND LINKAGES			
6.4	Functional Memorandum of Understanding (MoU)	**MoU to be signed with reputed organization for better placements, internship etc.,**	**MoU Copy attached**
SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT			
8.1	Technical Event / Workshop for Student	**A minimum of 2 programme to be conducted in a year**	**Planning is going on**
8.2	FDP /Workshop / STTP / Conference for Faculty		**Planning is going on**

Thanking you

Yours faithfully

HoD – FT
(Dr.J.Thanikai Vimal)

SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE

(An Autonomous Institution)

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Madagadipet, Puducherry - 605 107

SCHOOL OF ARCHITECTURE

SMVEC/ Principal-School of Architecture /EXT/AAA/2 20.12.2021

Sir / Madam,

Sub: Action Taken Report for Non-Conformances in AAA – Reg.

Ref: SMVEC/IQAC/EXT/AAA/2020-21/04

Action Taken Report for Non-Conformance in AAA, which was held on 24.11.2021.

Section No.	Particular	Comments	Remarks
SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS			
5.3	Faculty Publications	Publication count need to be increased	Informed to faculties to publish minimum two publication per year
SECTION – VI: COLLABORATIONS AND LINKAGES			
6.2	Sponsored / Industry Projects	Sponsored or Industry Projects count need to be increased	Planned to do MoU with Architectural Firms and contacted non-government agencies for sponsored projects
SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT			
8.2	FDP /Workshop / STTP / Conference for Faculty	Organize more FDP/STTP in the department	Applied for COA FDP and quotation given to management to conduct internal FDP

Thanking you

Yours faithfully

Principal
(SOA/SMVEC)

SFF

SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE

(An Autonomous Institution)
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Madagadipet, Puducherry - 605 107

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

SMVEC/Head-MCA/EXT/AAA/21 20.12.2021

Sir,

Sub: Action Taken Report for Non-Conformances in AAA – Reg.

Ref: SMVEC / IQAC / EXT/ AAA / 2020-21 / 01

Action Taken Report for Non-Conformance in AAA, which was held on 24.11.2021

Section No.	Particular	Comments	Remarks
SECTION – V : RESEARCH, INNOVATION AND PUBLICATIONS			
5.2	Consultancy Works	Require most attention to increase consultancy work for students and Faculty Book chapter and patent should be increased.	Necessary steps taken to get Consultancy work and faculties initiated for getting book chapters and patent
5.3.5	Number of Books / Book Chapters		
5.3.6	Number of Patent (Filed)		
5.3.7	Number of Patents Granted		
SECTION – VI: COLLABORATIONS AND LINKAGES			
6.4	Functional Memorandum of Understanding (MoU)	Need initiation by faculty to MoU's to be signed for better linkages and collaboration with industry and they must be functional	Necessary steps taken to get MOU with companies in fourth coming year,

Thanking you

Yours faithfully,

HoD –MCA

(Dr.A.Ramalingam)

DEPARTMENT OF MANAGEMENT STUDIES

SMVEC/Head-MBA/01/AAA/21 20.12.2021

Sir,

Sub: Action Taken Report for Non-Conformances in AAA – Reg.

Ref: SMVEC / IQAC / 02/ AAA / 2020-21 / 01

Action Taken Report for Non-Conformances in AAA, which was held on 19.11.2021.

Section No.	Particular	Comments	Remarks
SECTION – V : RESEARCH, INNOVATION AND PUBLICATIONS			
5.1	Research Grants, Projects completed and ongoing from various Funding Agencies	Need depth concentration on these areas	A plan for identifying and fostering research in under-represented areas is being developed. Workshops and internal funding opportunities will be explored to support faculty research in these areas.
5.2	Consultancy works		
5.3.6	Number of Patent (Filed)		
5.3.7	Number of Patents Granted		
SECTION – VI: COLLABORATIONS AND LINKAGES			
9.4	Awards / Prizes and Recognitions received by teachers at University, State, National and International Level	Need to produce hard copy	Request faculty to submit certified copies of awards/recognitions. - Compile information into a physical document.
9.5	Details of Faculty participated in Refresher Courses, Orientation Courses, Seminars, Workshops, Conferences at National and International Leve	Proofs are not in the proper order and some of the certificates not available.	Request faculty to submit copies of participation certificates. - Develop system for organizing and storing documents. - Consider implementing a digital system for certificates.

Thanking you

Yours faithfully

HoD –MBA
(Dr.N.S.N. Cailassame)