SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
(An Autonomous Institution)
Puducherry - 605107

Department of Information Technology

FOURTH BOARD OF STUDIES MEETING

MINUTES

Date and Time
28.2.2022 at 10.30 AM

SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
(An Autonomous Institution)
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Department of Information Technology

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Department of Information Technology

Minutes of Board of Studies

The Fourth Board of Studies meeting of Department of Information Technology was held on 28th February 2022 from 10:30 A.M to 1:30 P.M in the Seminar Hall, Department of IT with the Head of the Department as the Chair.

The following members were present for the BoS meeting.

Sl.No	Name of the Member with Designation and official Address	Members as Per University norms
1	**Dr. R. Raju, M.Tech, Ph.D** Professor & Head Department of IT, SMVEC	Chairman
2	**Dr. R. Geetha Ramani, M.Tech, Ph.D** Professor, Department of Information Science and Technology, College of Engineering Guindy, Anna University, Chennai	Subject Expert (University Nominee)
3	**Dr. A.S. Anakath, M.E, Ph.D** Professor, Department of IT, E.G.S. Pillay Engineering College, Nagapattinam	Subject Expert (Academic Council Nominee)
4	**Dr. S. Padmavathi, M.E, Ph.D** Professor, Department of IT, Thiagarajar College of Engg., Madurai	Subject Expert (Academic Council Nominee)
5	**Mr. L. Ashok** CEO - Futurenet Technologies (India) Private Limited, Chennai.	Representative from Industry
6	**Dr. G. Arun Kumar** Associate Professor, Department of CSE, Mandanapalli Institute of Technology and Science, Andhra Pradesh	Post Graduate Alumnus (nominated by Principal)
7	**Dr. R.Saravanan, M.E, Ph.D** Associate Professor Department of IT, SMVEC.	Internal Member
8	**Dr. S. Balaji, M.Tech, Ph.D** Associate Professor Department of IT, SMVEC	Internal Member
9	**Dr. Puspita Dash, M.Tech, Ph.D** Associate Professor Department of IT, SMVEC	Internal Member

10	**Dr.N.S.N. Cailassame** Professor& Head, Department of Management Studies, SMVEC	Internal Member
11	**Dr. K. Karthikeyan** Associate Professor , Department. of Chemistry, SMVEC	Internal Member
12	**Prof. M. Devanathan** Assistant Professor, Department of Mathematics, SMVEC	Internal Member
13	**Prof. G. Namitha** Assistant Professor, Department of English, SMVEC	Internal Member
14	**Dr.T.Jayavarthanan** Professor , Department. of Physics, SMVEC	Internal Member

Agenda of the Meeting

2022.4.1 - Welcome Address, Confirmation of minutes of the Third BoS meeting held on 28.2.2022.

2022.4.2 - Briefing the Achievements of Academic year 2021-22

2022.4.3 - To discuss, approve and recommend the syllabi for VII Semester under R2020 regulations for UG Programme: B.Tech. Information Technology in the AY 2021-22

2022.4.4 - To discuss the B.Tech. Degree Professional and Open Elective Courses selected for the VI semester under Regulation 2019 for the students admitted in the Academic Year 2019-20 (Third Year)

2022.4.5 - To discuss the B.Tech., Degree Employability Enhancement Courses for the I,III and VI semester under Regulation 2020 and 2019 for the students admitted in the Academic Year 2021-2022 (I Year) , 2020-2021 (II Year) ,2019-2020 (III Year)

2022.4.6 - To discuss the B.Tech., Degree, Skill Development Courses for the III and VI semester under Regulation 2020 and 2019 for the students admitted in the Academic Year 2020-2021 (II Year),2019-20 (III Year)

2022.4.7 - To appraise list of panel of question paper setters and Examiners for the examinations of UG Programme for the academic year 2021-22 as per our institution norms.

2022.4.8 - To appraise about the methods to be adopted for internships

2022.4.9 - To discuss about the Ph.D programme admission for the academic year 2021-2022.

2022.4.10 - Any other item with the permission of chair

Minutes of the Meeting

Dr. R. Raju, Chairman, BoS / B.Tech Information Technology officially announced the opening of the meeting and welcomed the members. He also thanked them for accepting the invitation and giving us their valuable time. The meeting thereafter deliberated on agenda items that had been approved by the Chairman.

Item:2022.4.1	**Welcome Address & Confirmation of minutes of the Third BoS meeting held on 18.8.2021**

The Third BoS was held on 18.8.21 and the points discussed were reviewed by the members.

The following variations are incorporated in the syllabus as per the members suggestion.

Course Code/Course Name	Suggestions
U19ITT72 - Data Science and Analytics	• The topic Role of Big data in data science to be included in Unit I • Swap Unit 2 to 3 and vice versa to maintain the flow in the course.
U19ITP72- Cloud Computing Laboratory	• Change the Knowledge Level of Course Outcome 5. • Rephrase the first lab exercise. • Can include exercises related to Open Source platforms like Eucalyptus, OpenStack, etc. • An exercise on private cloud configuration can be included. • The last exercise can be a case study on Cloud Computing in Social Network
U19ITP73- Data Science Laboratory	• Provide Generic Use cases • For exercise 5, do not specify dataset directly, it should be generic • For exercise 8, do not specify .csv file since the file format will be of that type only. • Make exercise 11 as implementation of bagging and boosting techniques
U19ITE71- Machine Learning	• Case Studies and Mini Projects can be included in the syllabus.
U19ITE73- Robotic Process Automation	• UI Path being a specific tool shall be changed to a generic study of various tools and applications • Compare the syllabus of this course with the same in Mechanical Engineering department to find rooms for improvement.
U19ITP71- Business Basics for Entrepreneurs	• Make the number of course outcomes as minimum 5 to maintain uniformity in the curriculum. The outcomes need not to be unit specific.
U19ITP81- Entrepreneurship Management	• Business Model Canvas tool can be included. • Design thinking workshops can be incorporated for this course

	• Steps can be taken for the establishment of domain specific Center of Excellence that aligns with the thrust areas of research in the department.
	• The BoS Members recommended to approve the Foundation Course to be offered for Future IT Graduates with the following suggestions carried out in it. • Fundamental Mathematics and Windows Operating Environment could be separated and renamed as two topics •Mathematical Foundations for IT and •Operating Systems and Environment
	The Curriculum of Regulation 2019 and Regulation 2020 were revised as per members' suggestion, the same was approved by the academic council and confirmed by the BoS members.
Item:2022.4.2	**Briefing the Achievements of Academic year 2020-21**
	The Board of Studies Chairman briefed the achievements of the faculty and students of the Department in the year 2021-2022
Item:2022.4.3	**To discuss, approve and recommend the syllabi for VII Semester under R2020 regulations for UG Programme: B.Tech. Information Technology in the AY 2021-2022**
	The BoS Members approved and recommended the list of Courses for VII Semester under R2020 regulations The following suggestions are given by the BoS Members regarding Professional and Open Elective Courses • ***Wireless Sensor Network*** *The content of the syllabus framed was quiet vague and suggested for reduction of the content* • ***Green Computing*** *The title of Unit V has been given as Case Studies, suggest a suitable title instead of it.* ***Annexure (I)***
Item:2022.4.4	**To discuss the B.Tech. Degree Professional and Open Elective Courses selected for the VI semester under Regulation 2019 for the students admitted in the Academic Year 2019-20**
	The selected list of Professional and Open Elective Courses for the students admitted in 2019-20 and following the R2019 regulations, curriculum and syllabi were showcased and appreciated by the BoS members
Item:2022.4.5	**To discuss the B.Tech. Degree Employability Enhancement Courses for the I,III and VI semester under Regulation 2020 and 2019 for the students admitted in the Academic Year 2021-2022 (I Year) , 2020-2021 (II Year) , 2019-2020 (III Year)**
	The selected list of Employability Enhancement Courses for the students admitted in 2021-2022, 2020-2021 and 2019-20 and following the R2020, R2019 regulations, curriculum and syllabi were showcased and appreciated by the BoS members.
Item:2022.4.6	**To discuss the B.Tech. Degree, Skill Development Courses for the III and VI semester under Regulation 2020 and 2019 for the students admitted in the Academic Year 2020-2021 (II Year),2019-20 (III Year)**

	The selected list of Skill Development Courses for the students admitted in 2020-2021 and 2019-20 and following the R2020, R2019 regulations, curriculum and syllabi were showcased.
Item:2022.4.7	**To appraise list of panel of question paper setters and Examiners for the examinations of UG Programme for the academic year 2021-22 as per our institution norms.**
	The list of panel of question paper setters and Examiners were prepared as per our institution norms and the same has been showcased to the BoS Members.
Item:2022.4.8	**To appraise about the methodology adopted for internship**
	To promote Internship opportunities among the students of all years, as per AICTE guidelines the institution has adopted and created various methodologies which has been discussed with the BoS members. The following suggestion has been stated by BoS members • ***To add outcome of the Internship as an annexure in the showcased format.*** ***Annexure(II)***
Item:2022.4.9	**To discuss about the Ph.D. programme admission for the academic year 2021-2022.**
	The BoS Members were stated about completion of the Entrance examination of Ph.D. programme held on 19th December 2021. • Eligible cut-off as per UGC norms is 200 marks. • 6 Candidates cleared the Entrance Examination out of 10 Candidates • The Ph.D. admission will carry 70% Written Test weightage and 30% Interview weightage and also the distribution of marks were stated.
Item:2022.4.10	**Any other item**
	• At the outset the curriculum and Syllabi fulfilled the expectations of the BoS members • The members suggested that the lab experiments may be specified in general without specifying a tool or list of tools may be suggested. • Industry expert suggested to consider real time examples and conduct guest lectures wherever necessary in the syllabi

The meeting for the above Agenda regarding B.Tech – Information Technology was concluded by 1:30 pm by **Dr. R.Raju**, Chairman-BOS and Head of Department, Department of Information Technology, Sri Manakula Vinayagar Engineering College.

Members Present

Sl.No	Name of the Member with Designation and official Address	Responsibility in the BoS	Signature
1	**Dr. R. Raju, M.Tech, Ph.D.** Professor & Head Department of IT, SMVEC	Chairman	
External Members			
2	**Dr. R. Geetha Ramani, M.Tech, Ph.D.** Professor, Department of Information Science and Technology, College of Engineering Guindy, Anna University, Chennai	Subject Expert	
3	**Dr. A.S. Anakath, M.E, Ph.D.** Professor, Department of IT, E.G.S. Pillay Engineering College, Nagapattinam	Subject Expert	
4	**Dr. S. Padmavathi, M.E, Ph.D.** Professor, Department of IT, Thiagarajar College of Engg., Madurai	Subject Expert	
5	**Mr. L. Ashok** CEO - Futurenet Technologies (India) Private Limited, Chennai.	Member from Industry	
6	**Dr. G. Arun Kumar** Associate Professor, Department of CSE, Madanapalli Institute of Technology and Science, Andhra Pradesh	Member from Meritorious Alumni	
Internal Members			
7	**Dr. R.Saravanan, M.E, Ph.D.** Associate Professor Department of IT, SMVEC	Member	
8	**Dr. S. Balaji, M.Tech, Ph.D.** Associate Professor Department of IT, SMVEC	Member	
9	**Dr. Puspita Dash, M.Tech, Ph.D.** Associate Professor Department of IT, SMVEC	Member	
Co-opted Members			
10	**Dr. N.S.N. Cailassame** Professor& Head, Department of Management Studies, SMVEC	Member	
11	**Dr. K. Karthikeyan** Associate Professor , Department. of Chemistry, SMVEC	Member	
12	**Prof. M. Devanathan** Assistant Professor, Department of Mathematics, SMVEC	Member	

13	**Prof. G. Namitha** Assistant Professor, Department of English, SMVEC	Member	
14	**Dr.T.Jayavarthanan** Professor , Department. of Physics, SMVEC	Member	

Dr. R. Raju
Chairman- BoS (IT)

Dr.V.S.K. Venkatachalapathy
Director cum Principal
Chairman-Academic Council

ANNEXURE – 1

Semester VII

Curriculum

and

Revised Syllabus for the

Professional Elective Stream-IV Courses

Curriculum

SEMESTER – VII										
Sl. No	Course Code	Course Title	Category	Periods			Credits	Max. Marks		
				L	T	P		CAM	ESM	Total
Theory										
1	U20ITT717	Cloud Computing	PC	3	-	-	3	25	75	100
2	U20ITT718	Data Science and Analytics	PC	3	-	-	3	25	75	100
3	U20ITE7XX	Professional Elective – IV	PE	3	-	-	3	25	75	100
4	U20ITO7XX	Open Elective – IV	OE	3	-	-	3	25	75	100
Practical										
5	U20HSP703	Business Basics For Entrepreneur	HS	-	-	3	1	100	-	100
6	U20ITP712	Cloud Computing Lab	PC	-	-	3	1	50	50	100
7	U20ITP713	Data Science Lab	PC	-	-	3	1	50	50	100
Project Work										
8	U20ITW701	Project Phase – I	PC	-	-	4	2	100	-	100
9	U20ITI701	Internship / Inplant Training	PC	-	-	0	2	100	-	100
Mandatory Course										
10	U20ITM712	Professional Ethics	MC	-	-	2	-	100	-	100
							19	600	400	1000

PROFESSIONAL ELECTIVE COURSES (18 CREDITS)

Sl. No.	Course Code	Course Title	Periods			Credits	Max. Marks		
			L	T	P		CAM	ESM	Total
Elective Stream – I									
1	U20ITE401	Storage Technologies	3	-	-	3	25	75	100
2	U20ITE402	Computer Vision	3	-	-	3	25	75	100
3	U20ITE403	Object Oriented Analysis and Design	3	-	-	3	25	75	100
4	U20ITE404	Agile Methodologies	3	-	-	3	25	75	100
5	U20ITE405	Information Coding Techniques	3	-	-	3	25	75	100
Elective Stream – II									
1	U20ITE506	Software Testing	3	-	-	3	25	75	100
2	U20ITE507	Data Visualization	3	-	-	3	25	75	100
3	U20ITE508	Brain Computer Interface and Its Application	3	-	-	3	25	75	100
4	U20ITE509	Linux Internals	3	-	-	3	25	75	100
5	U20ITE510	Automation Techniques and Tools-Dev Ops	3	-	-	3	25	75	100
Elective Stream – III									
1	U20ITE611	Open Source Software	3	-	-	3	25	75	100
2	U20ITE612	E-Commerce	3	-	-	3	25	75	100
3	U20ITE613	Parallel and Distributed Systems	3	-	-	3	25	75	100
4	U20ITE614	Big Data	3	-	-	3	25	75	100
5	U20ITE615	Bio inspired Computing	3	-	-	3	25	75	100
Elective Stream – IV									
1	U20ITE716	Machine Learning	3	-	-	3	25	75	100
2	U20ITE717	Information Management	3	-	-	3	25	75	100
3	U20ITE718	Robotics Process automation	3	-	-	3	25	75	100
4	U20ITE719	Wireless sensor network	3	-	-	3	25	75	100
5	U20ITE720	Green Computing	3	-	-	3	25	75	100
Elective Stream – V									
1	U20ITE821	Assistive Technology	3	-	-	3	25	75	100
2	U20ITE822	Business Intelligence	3	-	-	3	25	75	100
3	U20ITE823	Social Network Analytics	3	-	-	3	25	75	100
4	U20ITE824	Mixed Reality	3	-	-	3	25	75	100
5	U20ITE825	Game Development	3	-	-	3	25	75	100
Elective Stream – VI									
1	U20ITE826	Cyber Security	3	-	-	3	25	75	100
2	U20ITE827	Computer Animation: Algorithms and Techniques	3	-	-	3	25	75	100
3	U20ITE828	Deep Learning	3	-	-	3	25	75	100
4	U20ITE829	High Performance Computing	3	-	-	3	25	75	100
5	U20ITE830	Multimedia Streaming Analytics	3	-	-	3	25	75	100

Revised Course Details and Syllabus

Professional Elective Courses - Stream – IV		
S.No	**Course Code**	**Course Title**
1	U20ITE719	Wireless sensor network
2	U20ITE720	Green Computing

U20ITE719 **WIRELESS SENSOR NETWORK**

L	T	P	C	Hrs
3	0	0	3	45

Course Objectives

- To learn wireless Sensor Network fundamentals and have an in-depth knowledge on network architectures
- To have an exposure to know the concepts of networking concepts and protocols
- To understand the different routing protocols
- To understand the sensor network programming platform and tools in Sensor networks
- To have an exposure to mote security issues and different applications of sensor networks

Course Outcomes

After completion of the course, the students will be able to

CO1 - Explain the basics of wireless sensor networks and its architecture **(K2)**

CO2 - Apply the knowledge to identify appropriate physical and MAC layer protocols **(K3)**

CO3 - Apply knowledge to identify the suitable routing algorithm based on the network and user requirement **(K3)**

CO4 - Explore OS and tools used in Wireless Sensor Networks and build basic modules. **(K2)**

CO5 - Understand the security issues possible in sensor networks and aware of different applications **(K2)**

UNIT I INTRODUCTION AND ARCHITECTURES **(9 Hrs)**

Components, Motivation, Classification, Characteristics, Challenges, Comparison between wireless sensor networks and wireless mesh networks, Limitations, Design challenges. ARCHITECTURES: The Sensing Subsystem, prototypes -Single-Node Architecture – Network Architecture

UNIT II WSN NETWORKING CONCEPTS AND PROTOCOLS **(9 Hrs)**

MAC Protocols, Low Duty Cycle Protocols and Wakeup Concepts – S-MAC, The Mediation Device Protocol, Contention based protocols – Schedule based protocols – LEACH, IEEE 802.15.4 MAC protocol, Routing Protocols-Energy Efficient Routing, Challenges and Issues in Transport layer protocol.

UNIT III ROUTING PROTOCOLS **(9 Hrs)**

Issues in Designing a Routing Protocol for Ad Hoc Wireless Networks, Classification , Table –Driven Routing Protocols, On – Demand Routing Protocols, Hybrid Routing Protocols, Efficient Flooding Mechanisms, Hierarchical Routing Protocols, Power – Aware Routing Protocols, Proactive Routing.

UNIT IV SENSOR NETWORK PLATFORMS AND TOOLS **(9 Hrs)**

Sensor Node Hardware – Berkeley Motes, Programming Challenges, Node-level software platforms – TinyOS, nesC, Node-level Simulators – NS2 and its extension to sensor networks, COOJA, TOSSIM, Programming beyond individual nodes – State centric programming.

UNIT -V SECURITY IN WSNs **(9 Hrs)**

Network Security Requirements, Issues and Challenges, Network Security Attacks, Key Management, Layer wise attacks, possible solutions for jamming, tampering, black hole attack, flooding attack. Key Distribution and Management, Secure Routing – SPINS

Text Books

1. Holger Karl & Andreas Willig, "Protocols And Architectures for Wireless Sensor Networks", John Wiley, 2005.
2. Jagannathan Sarangapani ,"Wireless Ad- hoc and Sensor Networks: Protocols, Performance and Control " , CRC Press, 1st edition, 2007.
3. C. Siva Ram Murthy and B.S.Manoj ,"Ad Hoc Wireless Networks: Architectures and Protocols", PHI,2004.

Reference Books

1. KazemSohraby, Daniel Minoli, &TaiebZnati, "Wireless Sensor Networks- Technology, Protocols, and Applications", John Wiley, 2007.
2. Feng Zhao & Leonidas J. Guibas, "Wireless Sensor Networks- An Information Processing Approach", Elsevier, 2007.

Web References

1. https://nptel.ac.in/courses/106/105/106105160/
2. https://www.elprocus.com/architecture-of-wireless-sensor-network-and-applications/
3. https://www.intechopen.com/books/wireless-sensor-networks-technology-and-protocols/overview-of-wireless-sensor-network

COs/POs/PSOs Mapping

COs	Program Outcomes (POs)												Program Specific Outcomes (PSOs)		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	2	1	-	-	2	-	-	-	-	-	-	-	2	2	3
2	3	2	1	1	2	-	-	-	-	-	-	-	2	2	3
3	3	2	1	1	2	-	-	-	-	-	-	-	2	2	3
4	2	1	-	-	2	-	-	-	-	-	-	-	2	2	3
5	2	1	-	-	2	-	-	-	-	-	-	-	2	2	3

Correlation Level: 1-Low, 2-Medium, 3- High

U20ITE720 **GREEN COMPUTING**

L	T	P	C	Hrs
3	0	0	3	45

Course Objectives

- To learn the fundamentals of Green Computing.
- To analyze the Green computing Grid Framework.
- To explore various Green Assets and Modelling.
- To understand the issues related with Green compliance.
- To study and develop various case studies

Course Outcomes

After completion of the course, the students will be able to

CO1 - Acquire knowledge to adopt green computing practices in the environment. **(K2)**
CO2 - Explore the skill in energy saving practices in their use of hardware. **(K2)**
CO3 - Evaluate technology tools that can reduce paper waste and carbon footprint by the stakeholders. **(K2)**
CO4 - Understand the ways to minimize equipment disposal requirements. **(K2)**
CO5 - Illustrate the security issues possible in sensor networks and aware of different applications **(K2)**

UNIT I FUNDAMENTALS OF GREEN COMPUTING **(9 Hrs)**

Green IT Fundamentals: Business, IT, and the Environment – Green computing: carbonfoot print, scoop on power – Green IT Strategies: Drivers, Dimensions, and Goals –Environmentally Responsible Business: Policies, Practices, and Metrics.

UNIT II GREEN ASSETS AND MODELING **(9 Hrs)**

Green Assets: Buildings, Data Centers, Networks, and Devices – Green Business Process Management: Modeling, Optimization, and Collaboration – Green Enterprise Architecture – Environmental Intelligence – Green Supply Chains – Green InformationSystems: Design and Development Models.

UNIT III GRID FRAMEWORK **(9 Hrs)**

Virtualization of IT systems – Role of electric utilities, Telecommuting, teleconferencing and teleporting – Materials recycling – Best ways for Green PC – Green Data center – Green Grid framework.

UNIT IV GREEN COMPLIANCE **(9 Hrs)**

Socio-cultural aspects of Green IT – Green Enterprise Transformation Roadmap – Green Compliance: Protocols, Standards, and Audits – Emergent Carbon Issues: Technologies and Future.

UNIT V APPLICATIONS OF GREEN IT **(9 Hrs)**

The Environmentally Responsible Business Strategies (ERBS) – Case Study Scenarios for Trial Runs – Case Studies – Applying Green IT Strategies and Applications to a Home, Hospital, Packaging Industry and Telecom Sector

Text Books

1. BhuvanUnhelkar, "Green IT Strategies and Applications- Using Environmental Intelligence", CRC Press, June 2014.
2. WoodyLeonhard, Katherine Murray,"GreenHomecomputingfordummies",August2012

Reference Books

1. AlinGales,MichaelSchaefer,MikeEbbers,"GreenDataCenter:stepsforthe Journey", Shroff,IBM rebook,2011.
2. JohnLamb,"The Greening of IT", Pearson Education,2009.
3. Jason Harris, "Green Computing and Green IT- Best Practices on regulation & Industry", Lulu.com,2008.
4. Carlspeshocky,"Empowering Green Initiatives with IT",JohnWiley&Sons,2010.

Web References

1. https://www.greenit.net/greenit_training.html
2. https://www.athabascau.ca/syllabi/comp/comp635.php

COs/POs/PSOs Mapping

COs	Program Outcomes (POs)												Program Specific Outcomes (PSOs)		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	2	1	-	-	-	-	-	-	-	-	-	-	-	2	3
2	2	1	-	-	-	-	-	-	-	-	-	-	-	2	3
3	2	1	-	-	-	-	-	-	-	-	-	-	-	2	3
4	2	1	-	-	-	-	-	-	-	-	-	-	-	2	3
5	2	1	-	-	-	-	-	-	-	-	-	-	-	2	3

Correlation Level: 1-Low, 2-Medium, 3- High

ANNEXURE II

SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE

(An Autonomous Institution)
(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)
(Accredited by NBA-AICTE, New Delhi, ISO 9001:2000 Certified Institution & Accredited by NAAC with "A" Grade)
Madagadipet, Puducherry - 605 107

Department of

INTERNSHIP SEMESTER Session 20 -

Student Internship Outcome Report

S. No.	Student RegNo	Name ofStudent	Name of Industry	Work Place/Site address	ProjectTopic	Outcome of the Project

Internship Coordinator

(Mr R.Suresh)

HOD

Placement Officer

(Dr .N.S.N Cailassame)