



**SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE**

An Autonomous Institution,
Accredited by NAAC with 'A' grade
Puducherry - 605 107



INTERNAL QUALITY ASSURANCE CELL

19th IQAC MEETING

Date : 19-4-2022

Time : 2.30 PM

Venue : Conference Hall

AGENDA

Agenda No.	
2022/ IQAC / 19.1	Review and approval of 18 th meeting minutes <i>by Dr.R.Subramaniam, IQAC Coordinator</i>
2022/ IQAC / 19.2	Academic Activities completed in the academic year 2021-22 and activities planned for the academic year 2022-23 <i>by Dr.S.Anbumalar, Dean Academics</i>
2022/ IQAC / 19.3	Activities carried out in the academic year 2021-22 and the plan of Activities for the academic year 2022-2023 for the School of Architecture <i>by Dr. S. Manoharan, Principal, School of Architecture</i>
2022/ IQAC / 19.4	Conduction of End Semester Examinations and Publication of Results Dec2021/ Jan 2022 <i>by Dr. S. Jayakumar, Controller of Examinations</i>
2022/ IQAC / 19.5	Research and Development Activities for the academic year 2021-22 <i>by Dr. K. Velmurugan, Dean Research & Development</i>
2022/ IQAC / 19.6	Placement Activities in the academic year 2021 -22 <i>by Dr. N. S. N. Cailassame, Placement Officer</i>
2022/ IQAC / 19.7	Institutional Ranking Process for the academic year 2021-22 <i>by Dr. P. Raja, Professor and HOD/ECE</i>
2022/ IQAC / 19.8	Various Training activities for the academic year 2021-22 <i>by Dr. J. Madhusudhanan, HOD/AI &DS, Training Coordinator</i>
2022/ IQAC / 19.9	Any other items with permission of chair

Dr. R. Subramaniam
IQAC Coordinator

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



MINUTES OF THE 19th INTERNAL QUALITY ASSURANCE CELL (IQAC) MEETING

Date: 19.04.2022

Venue: Conference Hall

Time: 2.30 PM

Chair: Dr.V.S.K.Venkatachalapathy, Director cum Principal

Members Present: Shown in Annexure I

- Dr.V.S.K.Venkatachalapathy, Director cum Principal extended a cordial welcome to the Academic Expert and Members of Internal Quality Assurance Cell and wished the meeting for a grand success.
- Dr.J.Abbas Mohaideen, Registrar/SMVEC gave an introduction of all members who have attended the meeting.

19.1 Review of 18th Meeting

The following points were presented by Dr.R. Subramaniam, IQAC Coordinator

- The points discussed in the 18th IQAC Meeting held on 21.10.2021 with their action taken and corresponding follow-up was presented as given below:

Sl. No	Points Discussed	Action Taken
18.2	<ul style="list-style-type: none">• Classes in Online/Offline mode for the Odd semester of the AY 2021-2022• Classes have to be handled in a more practical way to enhance Students' Knowledge• Activities carried out in the 1st Quarter and Activities planned for the 2nd Quarter.	<ul style="list-style-type: none">• Classes in Online /Offline mode conducted as per the academic calendar.• Classes are handled with various Pedagogical Techniques.• Skill development courses, Value added courses, Professional development and administrative programmes were conducted by the College as per the plan.
18.3	<ul style="list-style-type: none">• School of Allied Health Sciences- Activities carried out and plan for future activities.• Local Field Visits planned to enhance Students' Exposure	<ul style="list-style-type: none">• Activities carried out as per the plan• Students were taken for local Field Visits
18.5	School of Architecture - Activities carried out and plan for future activities.	Activities carried out as per the plan
18.6	Exam related activities	Exams were conducted as per the schedule and results were declared



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		on time
18.7	R&D and Consultancy activities	More number of Grants, Patents received.
18.8	Placement activities	<ul style="list-style-type: none">• Placement and Skill development Trainings are given.• Increase in number of students placed in top-level companies.• 6 new MoUs signed
18.9	Institutional Ranking Process	Participation in following ranking process includes NIRF, ATAL Ranking, India Today, Data-Quest, Silicon-India Rankings.
18.10	Training Activities	Various Employability and Enhancement Courses and skill development courses conducted for Students.
18.11	Suggestions given by Academic Expert	<ul style="list-style-type: none">• Ensured that all New courses are approved by the respective Statutory Bodies, Puducherry Government and Pondicherry University• New Courses are introduced based on demand and local needs• All the documents are preserved digitally.• Consultancy Services in R&D are enhanced.• Editorial Members are included in the IQAC Newsletter

Academic Activities Completed in the Academic Year 2021-2022

1. Guest Lecture /Seminar Details

Dept.	No's	Dept.	No's
EEE	15	CSBS	5
ECE	35	AIDS	3
CSE	36	CCE	7
IT	27	FT	2
ICE	8	MBA	8
CIVIL	18	MCA	12
MECH	10	B. Arch	6
BME	10	SAS	17
MCTR	3		
TOTAL: 205			



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2. Workshops/Hands on Training Details

Dept.	No's	Dept.	No's
EEE	5	CSBS	1
ECE	5	AIDS	2
CSE	3	CCE	1
IT	2	FT	1
ICE	7	MBA	2
CIVIL	1	MCA	8
MECH	3	B. Arch	3
BME	3	SAS	11
MCTR	1		
TOTAL: 59			

3. Professional Chapter Activities

Dept.	No's	Dept.	No's
EEE	7	CSBS	2
ECE	22	AIDS	2
CSE	9	CCE	6
IT	7	FT	1
ICE	13	MBA	1
CIVIL	8	MCA	1
MECH	6	B. Arch	1
BME	6	SAS	5
MCTR	1		
TOTAL: 98			

4. Faculty Development Program organised by the Institution

Dept.	No's	Dept.	No's
EEE	1	CSBS	1
ECE	2	AIDS	-
CSE	8	CCE	-
IT	1	FT	-
ICE	1	MBA	-
CIVIL	1	MCA	-
MECH	3	B. Arch	-
BME	4	SAS	1
MCTR	-		
TOTAL: 23			

5. Faculty Development Program Attended by the faculty

Dept.	No's	Dept.	No's
EEE	24	CSBS	3
ECE	49	AIDS	4
CSE	7	CCE	9



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IT	10	FT	2
ICE	8	MBA	5
CIVIL	32	MCA	8
MECH	20	B. Arch	9
BME	6	SAS	5
MCTR	4		
TOTAL: 205			

6. Swayam/NPTEL/Other online courses completed by the faculty and student

NPTEL July 2021 to April 2022

Sl. No.	Student Enrolment	Faculty Enrolment	Total No. of Enrolments	Total no. of Certification
1	990	149	1139	304

Other Online Courses

Sl. No.	Total No. of Enrolments	Total no. of Certification
1	743	595

7. Industrial Visits

Dept.	No's	Dept.	No's
EEE	6	CSBS	1
ECE	9	AIDS	1
CSE	3	CCE	3
IT	3	FT	7
ICE	3	MBA	-
CIVIL	3	MCA	3
MECH	3	B. Arch	6
BME	3	SAS	23
MCTR	3		
TOTAL: 80			

8. Student Participation in other college events

Dept.	No's	Dept.	No's
EEE	37	CSBS	6
ECE	30	AIDS	2
CSE	11	CCE	25
IT	8	FT	1
ICE	18	MBA	75
CIVIL	18	MCA	10



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MECH	20	B. Arch	2
BME	8	SAS	164
MCTR	7		
TOTAL:	442		

9. Value Added Courses

Dept.	No's	Dept.	No's
EEE	4	CSBS	1
ECE	7	AIDS	1
CSE	3	CCE	2
IT	3	FT	1
ICE	6	MBA	1
CIVIL	3	MCA	4
MECH	3	B. Arch	2
BME	4	SAS	9
MCTR	3		
TOTAL:	57		

AICTE- KARMA Courses

- AICTE has approved our institute for conducting courses under the scheme KARMA(Kaushal Augmentation and Restructuring Mission of AICTE) Vide Approval letter
- 1.F.No.8-1/KARMA/Model 2/Southern/1-9321186750 Dated: 14-03-2022
- 1.F.No.8-1/KARMA/Model 3/Southern/1-9321186750 Dated: 14-03-2022

Model 2:

- Targeting Advance level Skilling of students already studying in AICTE approved Technical institutions.

Model 3:

- Integrating School Education with Higher Education for skilling students

AICTE- KARMA Courses- Model 2

S. No	Dept	Course Title	Level	No. of students
1	ECE	Certificate course in DSP using MATLAB	7	30
2	ECE	Certificate course in Embedded Design using ARM/Cortex	5	30
3	ECE	Certificate course in VLSI Design	5	30
4	Mech	Advance Diploma in CNC Programming Techniques and practices	6	30



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5	CSE	Certificate Course in Coding Skills	5	30
6	CSE	Media Developer	5	30
7	EEE	Solar PV Installer -Electrical	4	30

AICTE- KARMA Courses- Model 3

S. No	Dept	Course Title	Level	No. of students
1	ECE	Home appliances field Technician	4	30
2	Mech	Fitting and Assembly	3	30
3	CSE	Computer Technician	3	30
4	EEE	Electrician	5	30

IQAC Activities

- AQAR for the Academic Year 2020 -2021 is ready for submission
- Academic Audit process for the year 2021-2022 initiated and will be completed by 31st May 2022
- Newsletter preparation is under progress and will be released by 30th April 2022
- NBA Visit is scheduled on 21st May 2022 and Document verification is planned

19.2 Activities carried out in the Academic Year 2021-2022 and Plan of Activities for the Academic Year 2022-2023

The following points were presented by Dr. S.Anbumalar, Dean Academics

- GATE Training from 2nd semester onwards
 - One hour/subject/week is allotted as GATE hour from second semester onwards.
 - Gate Coordinators are appointed for all departments
 - Conducted GATE training classes 6-8 hours per week.
 - Conducted GATE test for students once in a week
 - The Test pattern was 50 marks, 50 questions (MCQ/Fill ups).
- Innovation Challenge Contest
 - "Innovation Challenge Contest (ICC)" is conducted *in* our college by Institute Innovation Council and Research & Development Cell and IEEE student Branch.
 - "INNOVATION CHALLENGE CONTEST 2022" is an inter departmental event to find an innovative solution for the various real-time problems.
 - The main aim of this contest is to encourage inquisitive students to explore and learn more about the domains to provide an eminent solution for technical challenges.
 - The student team have to submit their problem statement and their solution.
 - If the team is facing any difficulties to provide solution, then the mentor will be allotted to the teams to develop their idea as a product.



- Introduction of Students Log Book to ensure content delivery
 - Introduced the student logbook for each class in which student representative has to write the content delivered by the faculty.
 - This ensures the quality of content delivered by the faculty.
- CAT Marks verifications
 - The separate committee is constituted to verify the CAT evaluation process and also mark allocation & entry in the software to ensure the genuine of entire evaluation.
- Verification of Content beyond the syllabus
 - Insisted to teach content beyond the syllabus for theory and Lab courses.
- Academic Activities
 - Academic calendars preparation
 - Workload and time-table verification
 - QCM reports verification and its rectification measures.
 - Syllabus coverage verification.
 - Details of number of staff to be recruited – Analyzed with work load.
 - Common courses –identified and verified for conducting ESE

19.3 Activities carried out in the Academic Year 2021-2022 and Plan of Activities for the Academic Year 2022-2023 for the School of Architecture

- Ar. S. Manoharan, Principal/ School of Architecture presented the skill development activities from June 2021 to April 2022 and plan of activities for 2022-2023
- He also presented that 13 Faculty training/FDP was attended by the faculty, 4 Value added Courses was conducted and 1 research paper was published.
- He listed out the Skill Development Courses, NSS Activities and Field work/projects/ internships / student projects Activities till April 2022 and plan of activities for the Academic year 2022-2023
- He listed out that a total of 3 Online Certification Courses was underwent by staff and students.

19.4 Conduction of End Semester Examinations and Publication of Results Dec2021/ Jan 2022

- Dr. S. Jayakumar, Controller of Examinations presented on conduction of End Semester Examinations for B.Tech, M.Tech, B.Arch, MCA, MBA, Arts & Science and Allied Health Science programmes Dec2021/ Jan 2022.



- Presented the valuation of Answer Scripts process and Publication of Examination results
- He concluded his presentation with the conduction of Supplementary Exams and Result Analysis.

19.5 Research and Development Activities for the academic year 2021-22

- Dr. K. Velmurugan, Dean/R&D, presented on Research Forum activities. He detailed on the institution seed money of target Rs.10,00,000/-.
- Presented various grants received from Government and Non-Governmental agencies.
- The Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development for students and staffs.
- The Number of research papers per teacher in CARE Journals notified on UGC website during the year is 716 and 265 is cited and 451 plan for Quarter IV
- The amount of Rs.77,24,000/- generated from consultancy and corporate training during the year 2021-2022
- Highlighted that there are 31 faculty pursuing their PhD Admission in various departments for the Academic Year 2021-2022
- He concluded his presentation with the detail of funds received from AICTE through various schemes (ATAL-FDP and IDEA LAB)

19.6 Placement Activities in the academic year 2021 -22

- Dr. N. S. N. Cailassame, Placement Officer, presented the Placement achievements for the year 2021-2022

Total Offers	821
Dream Offers between 10 lakhs and 7 lakhs per annum	5
Dream Offers between 7 lakhs and 6 lakhs per annum	57
Dream Offers between <6 lakhs and 4 lakhs per annum	292
Offers between 4 lakhs and 3 lakhs	394
Offers between 3 lakhs and 2 lakhs	73



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- Highlighted the paid internship details of students for the Academic Year 2021-2022.
- 7 New MoUs signed for placement
- New companies approached for Dream offers
- He concluded his presentation on Centre of Excellence with various MNC's Companies i.e., TCS – PLM, Wipro Talentnext, Virtusa CoE on Java full stack and PEGA.

19.7 Institutional Ranking Process for the academic year 2021-22

- Dr. P. Raja, Head/ECE presented the Institutional Ranking process
- Sri Manakula Vinayagar Engineering College has Ranked **Band Excellent** for Innovation and Achievements on ARIIA and **4 star rating from IIC - MHRD Innovation Council**
- Highlighted that Sri Manakula Vinayagar Engineering College Ranked 46th among the top 100 T- Schools Overall in India in DATAQUEST:T-SCHOOL
- Sri Manakula Vinayagar Engineering College has Ranked 136th Ranking National Level in Marketing and Development Research Associates (MDRA) in India Today Ranking
- Participation in Various Ranking such as NIRF Ranking, ATAL Ranking, India Today, Data-Quest.
- He concluded his presentation with the comparison of Awards and credentials in the history of Sri Manakula Vinayagar Engineering College

19.8 Various Training activities for the academic year 2021-22

- Training Activities was presented by Dr. J. Madhusudhanan, Head/Artificial Intelligence and Data Science Engineering / Training Coordinator. He explained on the various training activities for the Academic year 2021-2022 and plan for 2022-2023.
- He also listed out various Employability and Enhancement courses and Skill Development courses conducted for the students in the Academic year 2021-2022 and plan for 2022-2023

19.9 Any other items with permission of chair

IQAC coordinator invited the Academic Expert to share his suggestions and the following are highlighted by the Academic Expert Dr. N. Alagumurthi, Professor, Puducherry Technological University



- Appreciated the entire proceedings of the 19th IQAC presentation and appreciated for a tremendous change in presenting various activities in the Academic year 2021-2022
- The expert member felt that the entire process is streamlined and all faculties are working with good vision and plan. Systematic improvement and constant growth in quality aspects in academic and administrative activities are highly appreciated
- Appreciate the institution for providing Multidisciplinary Education in one Campus to the benefit of society of Puducherry

The following suggestions were given by the Expert

- Improve the NIRF ranking
- Focus on National/ International level attraction on Admission(Other state students, NRI, Foreign Students) Research, MoU's etc.,
- Plan for Internal Revenue Generation through R&D
- Faculty to claim copyright for their Lab Manual, Institutional policy manual etc.,
- Updating the website regarding MoU's.
- All Policy Manuals should be available in college website
- MOUs with reputed Institutions like IITs, NITs in India and International Universities/Colleges
- Suggested 5-star plan for the Academic Year 2022-2023
 - 365 Days Annual Plan
 - IQAC Monthly Plan
 - Department Weekly Plan
 - Alumni Activities Plan
 - Celebrity Function Plan
- Suggested Key Performance Index Consolidation Presentation for Every Meeting with following heads
 - Admission Details
 - Result Analysis
 - Placement Activities
 - Training Activities
 - Finance & Budget



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- Faculty Resources
- Research Activities
- Extension and outreach activities
- Infrastructure Augmentation
- Innovation, Invention, Achievements, Significant contribution ,Best Practices of the Institution, Institution Distinctiveness

The meeting was concluded with vote of thanks by Dr.R.Subramaniyan, IQAC Coordinator

Dr.R.Subramaniyan
Coordinator/IQAC

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



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Annexure I Members of Internal Quality Assurance Cell

Sl. No	Composition as per NAAC	Members	Signature
1.	Chairperson: Head of the Institution	Dr. V.S.K. Venkatachalapathy, Director cum Principal	
2.	Registrar	Dr. J. Abbas Mohaideen, Registrar, SMVEC	
3.	Controller of Examinations	Dr. S. Jayakumar, Controller of Examinations SMVEC	
4.	Senior Faculty Members	Dr. S. Anbumalar HOD/EEE	
		Dr. P. Raja HOD/ECE	
		Dr. K. Premkumar HOD / CSE	
		Dr. R. Raju HOD/IT	
		Dr. L.M.Varalakshmi HOD/ICE	
		Dr. K. Velmurugan HOD/ Mech. Engg	
		Dr. S. Sundararaman HOD/ Civil. Engg	
		Dr. A. Vijayalakshmi HOD/Bio Medical Engineering	
		Dr. G. Balamuruga Mohan Raj, HOD/Mechatronics Engineering	
		Dr. G. Shanmugasundaram, HOD/Computer Science and Business System	
Dr.V. Bharathi, HOD/Computer and communication Engineering			



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		Dr.J. Madusudhanan, HOD/Artificial Intelligence and Data Science	
		Dr. J. Thanikai Vimal HOD/Fashion Technology	
		Dr. S. S. Manoharan Principal / School of Architecture, SMVEC	
		Dr. N. S .N. Cailassame HOD/MBA	
		Dr. A. Ramalingam, HOD/MCA	
6.	Placement Officer	Dr. N.S.N. Cailassame, HOD/MBA	
7.	Training Coordinator	Dr.J. Madusudhanan, HOD/Artificial Intelligence and Data Science	
8.	NPTEL coordinator	Dr. G.Shanmugasundaram, HOD / Computer Science and Business System	
9.	Students (Members)	A.Nethyasri IV Year/Civil Engg Dept	
		S.Kailashkumaran IV Year/ICE Dept	
10.	Alumni(Member)	Mr.R.Ramkumar Network Engineer, Kosoft IT solutions	
		Mr.M.Santhosh Manager,IBM	
11.	Nominees from Industrialists/Academic Institutions	Mr.N.Srithar Senior Manager, Engineering R&D,TVS,Nettapakkam, Puducherry	
		Dr. N. Alagumurthi Professor and Head, Mechanical Engineering, Pondicherry Engineering College, Puducherry.	



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12.	Parent (Member)	S.Anbusezhian, F/O.A.B.Kirithik Assistant Professor, Achariya Engg College, Puducherry.	
13	NGO Representative	Dr.A.Sathyanarayanan, Green Guards Environmental Foundation, Puducherry	
14.	One of the senior Faculty as the coordinator of IQAC	Dr.R.Subramaniyan Coordinator/IQAC	

Dr.R.Subramaniyan
Coordinator/IQAC

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