



SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE

(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

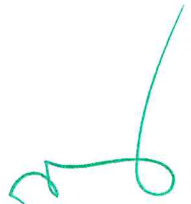
13.7.2018

Dear Sir /Madam

Sub: Internal Quality assurance cell (IQAC) – 11th meeting held on 13th July 2018 – forwarding minutes – Reg.

Minutes of 11th Internal quality assurance cell meeting held on 13th July 2018 are forwarded herewith.


Dr. K. Velourugan
Coordinator/IQAC


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

Director cum Principal
SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE
Madagadipet, Puducherry - 605 107.

To

- i) The Members of IQAC
- ii) PA to Director cum Principal
- iii) Administrative officer
- iv) IQAC File.



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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.	Nominee from the Management	Shri. M. Dhanasekaran Chairman and Managing Director	
3.	Senior administrative officer	Mr. T.Selvam AO / SMVEC	
4.	Senior Faculty Members	Dr. S. Anbumalar HOD/EEE	
		Dr. P. Raja HOD/ECE	
		Dr. N. Danapaquiame HOD / CSE	
		Dr. R. Raju HOD/IT	
		Dr. M. Subba HOD/ICE	
		Dr. K. Velmurugan HOD/ Mech. Engg	
		Dr. S. Jayakumar, HOD/ Civil. Engg	
		Dr. N.S.N. Cailassame HOD/MBA	
		Dr. A. Ramalingam, HOD/MCA	
		Dr. S. Deepa Professor/Chemistry	
		Dr.J. Madusudhanan Training Coordinator	
5.	Placement Officer	Dr. N.S.N. Cailassame HOD/MBA	
6.	Members from Students	Jeyapriya, IV/ECE	
		Yamuna Devi. R, III/CSE	
7.	Members from Alumni	M. Vivek Robert Bosch, Bangalore	
		Antony Jose, HCL, Chennai	

8.	Nominees from Industrialists	Mr. P. Siva Kumar, Proprietor & CEO Shriyam Electro Chem Co, Puducherry.	P. Siva Kumar
	Academic Expert	Dr. P. Ajay D. Vimalraj APIEEE / DEC Puducherry	P. V
9.	Member from Parent Society (NGO)	Mr. S. Subramanian Advocate, President of School & Higher Education Parents Teachers welfare Association	S. Sub
10	One of the senior Faculty as the coordinator of IQAC	Dr. K. Velmurugan HOD/MECH	K. V

Handwritten notes in blue ink, including a large checkmark and several illegible scribbles.

Handwritten notes in blue ink, including names: Mr. VIVEK, Robert Bosch, Bangalore, Antony Jose, HCL, Chennai, Ar. Tony.



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25.6.2018

Dear Sir /Madam


**Sub: Internal Quality assurance cell (IQAC) – 11th meeting to be held on
13th July 2018 – intimated – Reg.**

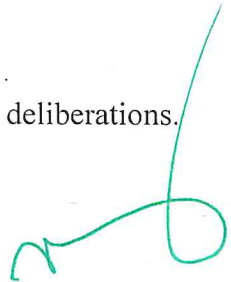
I wish to inform you that the 11th meeting of the Internal Quality assurance cell (IQAC) of Sri Manakula Vinayagar Engineering College will be held on **13th July 2018 (Friday) at 10.30A.M in the Audio Visual Room.**

The Agenda for the meeting is listed below:

1. Review and confirmation of Vision, mission statement
2. Various ongoing academic & co-curricular activities
3. Existing & prevailing policies
4. R & D activities
5. NAAC/NIRF 2018 /Autonomous submission
6. Annual Quality Assurance Report (AQAR)
7. Training to be given in Latest domain
8. Methods to improve results, placement and higher studies, various club activities, symposium/conference planned, value added courses to be conducted
9. To improve outcome based education
10. Other issues

Members are requested to attend the meeting and participate in the deliberations.


Dr. K. Velupillai
Coordinator/IQAC


Dr.V.S.K. Venkatachalapathy,
Director cum Principal
Director cum Principal
SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE
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MINUTES OF 11th IQAC MEETING

Date: 13.07.2018

Venue: AV Hall

Time: 10.30 am - 12.30 pm

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

Members Present: (As in the annexure)

Dr.K.Velmurugan, Coordinator/ IQAC briefed the Goals, Objectives, Strategy, Functions, Benefits, Follow-ups, roles and responsibilities of members of the institution and also presented the report. She invited the members to share their views.

1.1 Review of 10th meeting held on 15.12.2017

1.1.1. Programs organized by the institute

During last semester various programs were organized in the college. The Details are given below.

- Sigarathai Nokki, An awareness program for +2 students for their higher education was organized successfully on 12th January 2018. More than 10,000 students were attending this program and student's feedback was very good.
- Women's day was celebrated on 8th March 2018.
- Value added courses /Industrial visits /workshops were conducted/ organized for the students. This helped the students to learn beyond their curriculum.
 - Robotics
 - Maintenance of Thermal power plant
 - Programming of Microcontrollers
 - Significance of Biomedical Instruments
 - Need for Instrumentation in Industries
 - Basics about machine learning in IOT
 - Application of 3D Max Software in construction
 - Application of C, C++ in Civil Engineering
 - Advancement in surveying using Total Station
 - Application of Electronics in Civil Engineering
 - Workshop - Mix Design Workshop conducted by Romco Cement
 - Workshop - Ladder Survey Institute of Technology
- Founder's day was celebrated on 22th January 2018.

1.1.2. R & D activities

To one step ahead various project were submitted funding.

RPS (SERB)	- 3
No. of patents applied in the last semester	- 5
No. of Projects submitted to MSME / TBI	- 2

1.1.3. Centre of excellence

The department of information Technology has established the centre of excellence DELLEMC.

1.1.4. Enhancement of academic results.

- Academic results of B.Tech/M.Tech/MCA/MBA conducted by Pondicherry University in Dec 2017 were discussed. In most of the subjects the result is above 90 %. The subjects which are below 90% were analyzed for the remedial measures.
- Feedbacks are collected from the alumni and other stake holders, and based on that the curriculum was updated and submitted to the board chairman for further process.

1.1.5. NAAC/NIRF 2018 /Autonomous submission

- The NBA Committee visit was completed successfully and got accredited for 3 years.
- The reaccreditation of Pondicherry University was completed.
- Preparation of documents for NIRF and for autonomous are in progress.
- Preparation of Self-study Report is in progress for NAAC second cycle accreditation

1.1.6. Annual Quality Assurance Report (AQAR)

- The preparation of AQAR report for the academic year 2017- 2018 was completed and uploaded in the website.

1.1.7. Students achievements

- Various Department level contests were conducted through club activities.
- Students were participated in the National / International level events organized by various governments / non – government organizations and Won prizes.
- L.R. Ravindranath S.Abilashvaran, M.Logesh ,S.Aravindh of II year EEE students received the Gandhian Young Technological Innovation (GYTI) Award- 2018 for the project “Ionic movement based desalinator”.
- S.Shylesh of second year and C.Rakesh@Sooriyaparakash of final year from Electrical and Electronics Engineering were selected to work on the meritorious work on “Storing solar energy in the compressed gas for future purpose ” and “Astute technique for road monitoring” respectively in College of Engineering, Pune (COEP) in “Integrated Technology” Olympiad 2018.
- Mr.R.Barathraj and Mr.J.Gowtham got placed in L&T Company for the post of Associate Engineer with the salary package of Rs.4.2Lakhs/Annum through TECHGIUM project contest.
- CSE students won the first prize with a cash award of Rs. 25000 in the National level Project Contest “Innovate 2017” Organized by Tata Consultancy Services(TCS) and Anna University
- IT students won the second prize with a cash award of Rs. 15000 in the National level Project Contest “Innovate 2017” Organized by Tata Consultancy Services(TCS) and Anna University

1.1.8. Teaching and learning methods:

- Faculties visited the various industries and provided solution to their problems.
- The Faculties and students were underwent the NPTEL Courses and got Certificates.

1.1.9. Extension activities

Various extension activities were conducted.

1.2 Agenda points for the 11th IQAC meeting

1.2.1 Review and confirmation of Vision, mission statement

Existing Vision Mission statements are reviewed & ratified.

1.2.2 Modalities of various ongoing academic ,co-curricular and extracurricular activities are discussed and approved.

Following activities are reviewed and approved.

- Induction Day is planned to be conducted for the newly admitted first year student.
- Innovators Day-A National level student's Project Contest is planned to be conducted in the month of September 15 as followed every year.
- Inter School and Inter College Quiz Competition is planned to be conducted.
- IEEE –One day National Workshop is planned to be conducted.
- Founder's day will be Celebrated on 6th September of every year.
- The following Value added courses/ guest lecture / training are planned to conduct for upcoming semester
 - Robotics
 - Aptitude training by SMART and Innate
 - In-house training on Saturday
 - Robotics and its automation
 - Embedded Controllers
 - Industrial Automation
 - Embedded systems with IOT
 - Scope of Process Automation in Industries
 - Electron Beam and its applications
 - Benefits of investing in capital market
 - How to trade in stock exchanges
 - Angular J.S
 - Technical talk on "Total Productive Maintenance
 - Power Transmission through transmission lines
 - VLSI chip manufacturing and testing
 - Workshop on Mix Design Workshop conducted by Ultra Tech Mix Design

1.2.3. The existing & prevailing policies are discussed & reviewed.

1.2.4. Review and confirmation of Organization structure, roles & responsibilities following Organizational structure in order of hierarchy is ratified & approved by IQAC.

- **Internal Quality Assurance Cell (IQAC):** IQAC meets regularly to assess the quality deliverance of engineering education in the institute.
- **Head(s) of Departments:** The Heads of Departments ensure that the academic calendar provided by the college is implemented properly and efficiently.

1.2.5 R & D activities

For developing research culture among the students and faculties, college has a research and development cell.

- Faculties & students are encouraged to take up research projects and pursue their Ph. Ds. For enhancing the research activity it is resolved that financial assistance and other facilities to be provided.
- Research proposals have been planned to submit for various funding agencies like AICTE, CSIR, DRDO, ISTE IEI etc.,
- Incubation center is again a stride taken by the college in the direction of promoting research and application of the technology for the professional and societal development.
- Project proposals are planned to submit to MSME / TBI / IEI, etc.

1.2.6. Enhancement of academic results.

- Academic results of B.Tech/M.Tech/MCA/MBA conducted by Pondicherry University in Dec 2017 were discussed. All the HODs are instructed to convey the faculty to take extra efforts to increase the results in few problematic subjects above 90%.

1.2.7. Promotion of activities for Stakeholders

Feedbacks obtained from stakeholders (Alumni, Parents and Employers) are discussed. All the Heads of the department are advised to monitor & plan quality improvement strategies taking into consideration of feedback of all relevant stakeholders.

1.2.8. NAAC/NIRF 2018 /Autonomous submission

- All the Heads of the department are advised to prepare the details for the NIRF submission and for autonomous.
- NAAC second cycle accreditation is planned to apply, so all the Heads of the department are requested to provide the AQAR details and Self-study Report.

1.2.9. Pondicherry University approval

- B.Tech UG program Mehratonics, Biomedical engineering, Research Centres in EEE, ECE and CSE are planned to apply for approval process in Pondicherry University.
- Doctorate Faculties are advised to apply for their guide ship in Pondicherry University.

1.2.10 Annual Quality Assurance Report (AQAR)

This report is a NAAC mandated one. Prompt submission of AQAR is a prerequisite for next cycle of NAAC accreditation. NAAC has introduced a new online format from 2018-19 onwards which is very much similar to NAAC SSR itself. Hence heads of the departments are requested to prepare the AQAR report.

1.2.11 To improve teaching and learning methods:

- Faculties should visit industries and to identify their problems and provide solutions through projects to increase the learning process.
- Faculties are requested to explain the concepts through various simulation software's, practical demonstration and videos for deep understanding.
- The Faculties and students are advised to undertake the NPTEL Courses for further strengthening their knowledge.

1.2.12 To improve results, placement and higher studies, various club activities, symposium/Conference planned, value added courses to be conducted

- Motivate the students to participate in events organized by the other colleges.
- Both the faculties and students are motivated to participate in symposium/conference conducted by industry and premier institutions.
- Identify the software tools which are used in core companies and train the students accordingly.

- Placement Officer presented the consolidated report of the training activities, Mock interviews and workshops conducted by SMVEC in all the departments.

1.2.13 To improve outcome based education:

- Industry institute interaction should be improved.

1.2.14. Students achievement


- Encourage the students to participate in the various events organized by government / non-government organizations.

1.2.15. Other points:

- Mentorship is to be provided with alumni and Faculty from second year onwards.
- Department level contests are to be conducted and Certification will be provided thereby students are encouraged.

- ❖ Director cum Principal thanked all the members of IQAC for their participation and active involvement in the discussions.
- ❖ Dr.K.Velmurugan, coordinator/ IQAC finally thanked all the members of IQAC for their valuable and valid suggestions given for the further improvement of the quality standards of SMVEC.


Dr.K.Velmurugan
Coordinator/ IQAC


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