



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



3.12.2018

Dear Sir /Madam

Sub: Internal Quality assurance cell (IQAC) – 12th meeting to be held on 22nd Dec 2018 – intimated – Reg.

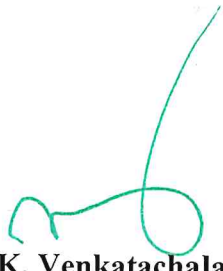
I wish to inform you that the 12th meeting of the Internal Quality assurance cell (IQAC) of Sri Manakula Vinayagar Engineering College will be held on 22nd Dec 2018 (Saturday) at 10.30A.M in the Audio Visual Room.

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. NIRF 2018 submission
6. Training to be given in Latest domain
7. Methods to improve results, placement and higher studies, various club activities, symposium/conference planned, value added courses to be conducted
8. To improve outcome based education
9. Other issues

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


Dr. S. Anbumalar
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. Danapaquame 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	R. Banathraj. EEE / IV	
		Adithyan. IV/ECE	
7.	Members from Alumni	R. Vimalraj, Tes, Chennai	
		Vivek.M So. Engineers, Robert Bosch	



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22.12.2018

Dear Sir /Madam

**Sub: Internal Quality assurance cell (IQAC) – 12th meeting held on 22nd
December 2018 – forwarding minutes – Reg.**

Minutes of 12th Internal quality assurance cell meeting held on 22nd Dec. 2018 are forwarded herewith.

Dr. S. Anbumalar,
Coordinator/IQAC

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

Director cum Principal
SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE
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MINUTES OF 12th IQAC MEETING

Date: 22.12.2018

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.S. Anbumalar, 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 11th meeting held on 13.07.2018

1.1.1. Various programs organized in the institute

Following programs were organized in the college.

- Induction Day was conducted for the newly admitted first year UG students on 23.08.2018.
- Innovators Day- A National level students' Project Contest was organized on September 15th 2018. Students' of various colleges from tamilnadu and Pondicherry were participated in this event.
- Inter School and Inter College Quiz Competition was conducted on 07.09.2018. Winner of this event is Amalorpavam School from Pondicherry.
- IEEE –One day National Workshop was conducted on 11.08.2018.
- Founder's day was Celebrated on 6th September 2018.
- The following Value added courses/ guest lectures / training/ Industry interactions were conducted in various departments.
 - 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

1.1.2. R & D activities

Proposals were submitted by departments for various funding agencies are given below

- RPS (AICTE) – 3
- STTP (AICTE) – 2
- Refresher program (ISTE) – 2
- No. of patents applied in the last semester – 10
- No. of Projects submitted to MSME / TBI – 14
- No. of Projects submitted IEI – 2

1.1.3. 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.

1.1.4. NAAC/NIRF 2018 /Autonomous submission

- Data for the NIRF and autonomous were prepared and submitted.
- Self-Study Report was submitted for NAAC second cycle accreditation.

1.1.5. Annual Quality Assurance Report (AQAR)

AQAR report was submitted for the academic year 2017-2018.

1.1.6. Students achievement

- **Research papers presented in IEEMA- Elroma 2018 conference by EEE students held at Mumbai.**
 - Modeling and analysis of reduced stator type linear induction type
 - Noise reduction in salient pole synchronous reluctance motor using HANDSOFTMAXWELL
- EEE students M. Shylesh, Arunachalam and L.R.Ravindranath got selected to present the model in STUDENTS ENGINEERING MODEL COMPETITION (SEMC) 2018 during 5-8th October 2018 in **India International Science Festival (IISF)** organized by Ministry of Science and Technology, Ministry of Earth Sciences in association with Vijnana Bharati at Indira Gandhi Pratishthan, Lucknow
- S.Yuvankumar , P.Santhoshkumar , S.Deva , E.Rajkumar from III year EEE department had successfully participated in the PHASE 1 of the IAF Swarm drone competition held on **18 December 2018** at Air Force auditorium, New Delhi.
- R.Anu Karthika and K.Swetha students from CSE won the TCS InfraMind 2018 1st Runner up with the cash prize of Rs.1,00,000/- and got the job offer in TCS, Chennai.
- S. Aravindh, S. Hemachandran, R. Srikrishna and S. Deasione students from the CSE students won the 1st Runner-up prize with the cash prize of Rs. 10,000/-. Conducted by ICT Academy, Chennai
- Nallam Paramkousam, R. Giridhar students from CSE Won 1st prize in TCS ShopNova 2018 got Rs. 25,000/- cash prize and Internship
- A.Nevinkumar, R. Jawahar students from CSE Won 1st prize in TCS Innovate 2018 and got Rs. 25,000/- cash prize with Internship and offer letter.

1.2 Agenda points for the 12th 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 activities are discussed and approved.

Following activities are reviewed and approved.

- Project Exhibition is planned to be conducted through TBI cell
- National level student's technical symposium is planned to be conducted in the month of March 2019.
- The following Value added courses / training are planned to conduct for second and third year students
 - C & C++ training
 - Java programming
 - Revit MEP
 - Aptitude training by SMART and Innate for third year students
 - Aptitude training by FACE for third year students
 - Soft skill training for third year students
 - Online test by skill rack for third year students
 - Co cubes and AMCAT online test for third year students
 - In-house training on Saturday

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

- To improve the R&D activities through more no. of industry institute interactions.
- Motivating more no. of students to participate in innovative research project competitions.
- To encourage the faculty members to prepare the project proposals for the various funding agencies.

1.2.6 Promotion of activities for Stakeholders

Feedback obtained from stakeholders is discussed. All the Heads of the department are advised to monitor & plan quality improvement strategies taking into consideration the feedback of all relevant stakeholders.

1.2.7 NIRF 2018 submission

The complete verification process of NIRF data submitted was completed including the clarification and modifications.

1.2.8 Pondicherry university approval

B.Tech UG program Biomedical engineering, Research Centres in EEE, ECE and CSE are planned to apply for approval process in Pondicherry University.

1.2.9 Latest domain in IoT-industry 4.4 and other training to the students

- Nowadays industries are focusing on low cost automation; hence the students should be exposed with latest domain in IoT-industry 4.4.
- Students should be given training on foreign languages especially Japanese and German.
- Students from all the domains should be aware of the sequence of steps involved in automation.

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

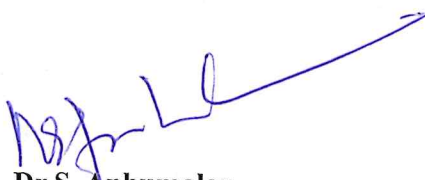
- Motivate the students to participate in events organized by the other colleges.
- Arrange value added courses in MATLAB/other software in application oriented way.
- Both the faculties and students are motivated to participate in symposium/conference conducted by industry and premier institutions.
- Identify the software tools which are used in core companies and train the students accordingly.
- Alumni suggested that the students should be trained to become an expert in Microsoft excel with macro and power point presentation. Students can include it in their resumes also.
- Placement Officer presented the consolidated report of the training activities, Mock interviews and workshops conducted by SMVEC in all the departments.
- Mr.R.Vimalraj, Innovate Lead, TCS Chennai gave the suggestions to improve the quality of education. First year students are trained with "C" programming language.

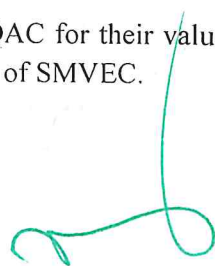
1.2.11 To improve outcome based education:

- Practical exposure is to be improved.

1.2.12 Other points:

- Bharath Raj. EEE/IV/A highlighted the benefits of the students counseling system.
 - Dr.S.Anbumalar, Coordinator/R&D, summarized various Proposals submitted to the funding agencies and Research activities in Progress.
 - She added a point that the faculty members should involve in R&D activities so as to strengthen the knowledge of the self and promote the quality of the institution.
 - Alumni support is to be improved
 - 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.
 - R&D lab should be strengthened.
 - City Centre for Alumni-Students Interaction is needed.
- ❖ Director cum Principal thanked all the members of IQAC for their participation and active involvement in the discussions.
- ❖ Dr.S.Anbumalar, 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.S. Anbumalar
Coordinator/ IQAC


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