



# 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



29.11.2017

Dear Sir /Madam


**Sub: Internal Quality assurance cell (IQAC) – 10<sup>th</sup> meeting to be held on 15<sup>th</sup> Dec 2017 – intimated – Reg.**

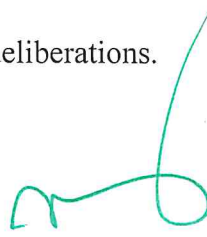
I wish to inform you that the 10<sup>th</sup> meeting of the Internal Quality assurance cell (IQAC) of Sri Manakula Vinayagar Engineering College will be held on **15<sup>th</sup> Dec 2017 (Friday) at 10.30A.M in the Audio Visual Room.**

The Agenda for the meeting is listed below:

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

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

  
**Dr. K. Velmurugan**  
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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Madagadipet, Puducherry - 605 107

15.12.2017

Dear Sir /Madam

**Sub: Internal Quality assurance cell (IQAC) – 10<sup>th</sup> meeting held on 15<sup>th</sup> Dec 2017 – forwarding minutes – Reg.**

Minutes of 10<sup>th</sup> Internal quality assurance cell meeting held on 15<sup>th</sup> Dec 2017 are forwarded herewith.

**Dr. K. Velmurugan**  
Coordinator/IQAC

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

**Director cum Principal**  
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## MINUTES OF 10<sup>th</sup> IQAC MEETING

**Date:** 15.12.2017

**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. He invited the members to share their views.

### 1.1 Review of 9<sup>th</sup> meeting held on 21.07.2017.

#### 1.1.1. Value added courses / hand on training / various events organized

- The following Value added courses and Hands and trainings will be conducted on topics like
  - Programming in Verilog HDL
  - Datastructures using Python
  - Fusion 360,
  - EdgeCAM,
  - Embedded PIC microcontroller etc
- Events are to be organized by the various departments is discussed.
  - Big Data Competition,
  - Workshop - Ultra Tech Mix Design
  - Recruitment Analysis Council -Zonal level at SMVEC
  - SMVEC Rolling Trophy 2017

#### 1.1.2. Initiatives undertaken towards faculty development

- 150 Faculty members are participated in the various events like
  - Refresher courses
  - Faculty Enablement Programme
  - Orientation programmes for the newly joined faculty
  - Staff training conducted by other institutions

#### 1.1.3. Initiatives undertaken towards R & D activities

- The IQAC has been instrumental in initiating the Funding for Innovative Proposals Scheme to promote research culture among the students and faculty.
- All departments were encouraged to have a research component in the existing curriculum.
- Financial support was provided for the Academic Conclave to encourage interaction between industry and academia.
- Our College arranged training, seminar and workshop related to Research and Consultancy works for the faculties. Guidance was given to faculty members for proposal preparation and submission.
- The proposals were obtained from both students and faculty.
- The proposals received were scrutinized by research experts.

- promoted the best society oriented projects and industry related projects
- Encouraged and motivated the students to participate in various technical competitions conducted by various companies
- Enriched the research thirst among students by celebrated Innovator's Day
- The ongoing major projects in the institute are nearly 8 about the worth of 20 lakhs and 20 mini projects about the worth of 8 lakhs.
- The research publication includes 60 international and 8 national journals / conferences.

#### **1.1.4. Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility**

**The following programs were organized in the college**

- Electoral Awareness Programme
- Dengue Awareness Programme
- Environment Awareness Programme
- Awareness Programme On Organ Donation
- Skill development program for diploma students
- Cloth Donation Camp
- Environment awareness camps
- Voter awareness rally

#### **1.1.5. Infrastructure and Learning Resources**

- The following facilities are newly created in the institute
  - Class room – 2
  - Seminar Halls-1

#### **1.1.6. Details of training programmes conducted for the student**

The students are given training on different aspects like:

- Aptitude training
- Verbal training
- GATE training
- Soft skill training
- SEED Training – Perceptual oriented workshops.

#### **1.1.7. Details of campus placement**

- Number of Organizations Visited our campus for the recruitment drive is 28 till December 2017.

#### **1.1.8. Program organized in Women empowerment cell**

- The following programs were organized for the Women **empowerment**
  - Healthy Lifestyle Session
  - Healthy Lifestyle Interpersonal Effectiveness

#### **1.1.9. Centre of excellence**

**The centre of excellence created in the following areas**

- AWS Educate Program ,
- Center for 3D Printing,

#### **1.1.10. NBA Prequalifier and SAR**

- The NBA prequalifier was analyzed in the meeting which was prepared by the various departments.

### 1.1.11. Participation, No. of medals /awards won by the students

- Gautham, student from CSE won the 1<sup>st</sup> prize in TCS Testimony 2017 got Rs. 1,00,000/- cash prize and Internship
- J.Shyamsuganth, M.Subash, S.Thamaraiselvan, S.Hariharasudhan and their staff mentor from CSE won the 3rd of Rs.1, 00,000/- in the National Level Project contest UNISYS CLOUD 20/20.
- Gautham .A, Eathindhar .M, Yoga Subhakara Babu, Dinesh .V students from CSE won ICTACT Student Innovators Award and a cash prize of Rs. 15,000/- with Merit Certificate.
- EEE student won the Best Paper Award in “Make in India” contest conducted by Entrepreneurs Council of India in the year 2016 and 2017
- IT student won the Second Prize with a cash award of Rs.50,000 in the National Level Project Contest “Dr. A.P.J. Abdul Kalam Innovative Innovation Ecosystem 2017” organized by Sairam Engineering College
- IT students won the Fourth Position and Inspiration Award in the AICTE SMART INDIA Hackathon 2017 with a cash award of Rs.10,000
- EEE students won the II prize in a “National level Integrated Technology Olympiad 2017” jointly organized by Rotary Club of Pune Pride (RCPD), Virtual Lab, AFOUR Tech, and College of Engineering Pune (COEP)
- IT student won the First Prize in “Research and Innovation Expo 2017”, A National level Technical contest organized at IIT Madras and won a cash prize of Rs. 1 lakh

### 1.2. Agenda points for the 10<sup>th</sup> IQAC meeting

#### 1.2.1. Review and confirmation of Vision, mission statement

- Existing Vision Mission statements are reviewed & ratified.

#### 1.2.2. Review and confirmation of revision/update of regulation or syllabi

- For the academic year 2017-18 there isn't any update or revision in syllabus recommended by the Pondicherry University.
- Our college is an affiliated institution. Currently R2013 of Pondicherry University Syllabus is followed
- Feedback has to collect from the alumni, students, parents and Industrial persons for the curriculum updates.

#### 1.2.3 Plan of Action by IQAC

- Applying for NBA and AICTE reaccreditation
- 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 Self-study Report.

#### 1.2.4 Modalities of various ongoing academic, co-curricular and extra-curricular activities are discussed and approved.

Following activities are reviewed and approved.

- Sigarathai Nokki , An awareness program for +2 students for their higher education is planned in the month of January.
- To motivate the girls students/lady faculties, Women's day is planned to be conducted on 8<sup>th</sup> March .
- The following Value added courses/ guest lectures / training/ Industry interactions are planned to conduct in various departments.
  - 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
- 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
- Gravity 2K18 – Diploma students
- Intercollege compaction Ramco cement
- National Seminar –World Water day

1.2.5 **The existing & prevailing policies are discussed & reviewed.**

1.2.6 **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.

1.2.7 **R & D activities**

Following activities are suggested for the R & D improvement in the institute.

- Research proposals have been planned to submit for various funding agencies like AICTE, CSIR, DRDO,ISTE IEI etc.,
- Motivated faculties and students to organize and participate seminars, symposia, conferences and workshops
- Encouraged faculty to pursue Doctoral Degree
- Encouraged faculty to present papers in conferences and journals
- To increase no. of major and mini project in all departments.
- To increase no. of nation and international research publication in the department.

1.2.8 **Enhancement of academic results**

- Academic results of B.Tech/M.Tech/MCA/MBA conducted by Pondicherry University in May 2017 were discussed. All the HODs are instructed to convey the Faculty to use new methodology for increasing result.

1.2.9 **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 from all relevant stakeholders.

1.2.10 **Pondicherry University approval**

- Research Centres in EEE and ECE are planned to apply for approval process in Pondicherry University.
- Doctorate Faculties are advised to apply for their guide ship in Pondicherry University.

1.2.11 **Annual Quality Assurance Report (AQAR)**

- The heads of the departments are instructed to prepare the AQAR for the academic year 2017- 2018.



### 1.2.12 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 provide in-depth knowledge to the students in their area.
- 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.

### 1.2.13 To improve results, placement and higher studies and various club activities

- 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.
- Planned to arrange more No. of recruitment drive in our campus.

### 1.2.14 To improve outcome based education:

- Industry interaction is to be improved.


### 1.2.15 Students achievement


- Department level contests are to be conducted and Certification will be provided thereby students are encouraged.
- Students should be encouraged to participate in the National / International level events organized by various governments / non – government organizations.

### 1.2.16 Extension activities

Following extension activities are planned by the institute.

- Tree Plantation Programme
  - Traffic Awareness Programme
  - Campus Cleaning Programme
  - Dengue Awareness Programme
  - Environment Awareness Programme
  - Blood Donation Camps
  - Orphanage and Old Age home visits
  - Village cleaning and Maintenance
- ❖ 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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## 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	<i>Shri.M. Dhanasekaran</i> 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	<i>T. Hemapriyanga, IV/IT</i> <i>B. Kishore Kumar, IV/Mech</i>	
7.	Members from Alumni	<i>R. Vimalraj, TCS, Chennai</i> <i>Suganthan, TCS, Chennai</i>	

8.	Nominees from Industrialists	Mr. P. Sivakumar Proprietor & CEO Shriyam Electro Chem Co, Puducherry.	P. Sivakumar
	Academic Expert	Dr. P. Ajay D. Vimalraj AP/EEE/PEC Puducherry	Dr. P. Ajay
9.	Member from Parent Society (NGO)	Mr. S. Subramanian Advocate, President of School & higher education Parent Teachers Welfare Assn.	S. Subramanian
10	One of the senior Faculty as the coordinator of IQAC	Dr. K. Velmurugan HOD/MECH	Dr. K. Velmurugan

T. Hemabala Krishna, IIT  
 B. Kishore Kumar, IIT  
 R. Vimalraj, IIT  
 S. Subramanian, IIT

V