

# A.V.C. COLLEGE OF ENGINEERING

Mannampandal, Mayiladuthurai



## **IQAC Minutes of the meeting**

2018-2019

**A.V.C. COLLEGE OF ENGINEERING,  
MAYILADUTHURAI, MANNAMPANDAL – 609 305  
INTERNAL QUALITY ASSURANCE CELL  
MINUTES OF THE IQAC MEETING HELD ON 28.12.2018**

28.01.2019

The IQAC meeting was held on 28<sup>th</sup> December 2018 at 10.30 a.m in the Board of Management room of A.V.C. College of Engineering. The following members were present for the meeting.

1. Dr. N. Vijayarangan, MD, Chairman, A.V.C Institutions
2. Mr. K. Karthikeyan, MCA, Secretary, A.V.C Institutions
3. Dr. S. Vijayaraj, Principal
4. Dr.M. Senthilmurugan, Director (Administration)
5. Dr. S. Selva Muthu Kumaran, Director /MCA & Vice-Principal
6. Dr. G. Pradeep, Dean (Academic)
7. Dr. P. Balasubramanian, Professor/ Mech & IQAC - Coordinator
8. Dr. N. Dhanasekar, Assoc. Prof/ EEE & IQAC - Co-Coordinator
9. Dr. R. Nagarajan, Principal, A.V.C. College (Autonomous)
10. Prof. Dr. K. Raghukandan, Professor, Department of Manufacturing Engineering, Annamalai University, Annamalai Nagar,Chidambaram
11. Mr. Rajesh Kanna, Training and Placement Officer
12. Mrs. Ka. Suriyaprabha, Asst.Prof / ICE
13. Mr. M. Harish IV B.E(ECE)

**Minutes:**

**Agenda No.1: To review the previous meeting minutes for compliance.**

The Action-Taken-Report (ATR) for the previous IQAC meeting was presented by the IQAC Coordinator. The members of the committee have shared their views in response to the ATR presented.

1. It has been recorded that software has been developed for transport, online grievance redressal process, Student daily attendance software by ICT departments, as insisted by Secretary in the last meeting.
2. The external experts appreciate the formation of IPR cell.
3. It has been recorded that willing list was prepared from students for Hindi

and French languages. Hindi coaching is sanctioned and initiated.

4. Expert member appreciated the efforts taken by the institution to become IIT Bombay's Nodal Resource Sub-centre for Mayiladuthurai Region through a Memorandum of Understanding (MOU).

5. It has been recorded that 5 kW of lighting load with 125 fluorescent lights have been replaced by 2.5 kW of LED lights to conserve energy as resolved in the last IQAC meeting.

6. External experts appreciated that nine Skill Development Proposals were submitted to AICTE under PMKVY (Pradhan Mantri Kaushal Vikas Yojana) scheme and six proposals got approved from AICTE and funded by AICTE & MHRD.

7. It has been recorded that unit-wise Course materials and question bank in pdf format have been uploaded by faculty members in the college website for the students use.

### **Agenda No.2: To review the outcome of second cycle NAAC accreditation process.**

1. Due to continuous efforts of IQAC Cell and seven criterion managers, the college achieved B++ grade with a CGPA of 2.88 in the second cycle of NAAC accreditation visit conducted in the month of April 2018 by NAAC.

2. The same has been compared with the CGPA of 2.73 obtained in the 1st cycle NAAC accreditation.

3. The external expert insisted to analyze the weak area to be focused for the improvement to get "A grade" during the next cycle of NAAC accreditation process.

### **Agenda No. 3: To review and record the Institution's admission status for the academic year 2018-2019**

1. Programme-wise admission status for the academic year 2017-18, has been reviewed and recorded.

2. The members shared their views about the reduction of admission for the current year that the TNEA admission process was completely online, so that the students and parents were not aware of those procedures and follow-ups.

**Agenda No. 4: To review the initiations taken by IQAC for monitoring the quality practices of the Institution.**

The committee appreciated the following initiatives taken by IQAC:

1. To provide awareness about NAAC Accreditation Process, Faculty development programme has been organized.

2. For revised process of NAAC Accreditation, SSR has been prepared and submitted for Accreditation in the revised format.

3. Intellectual Property Rights (IPR) cell has been formed.

4. Research progress monitoring committee reviewed the progress of the faculty pursuing Ph.D programmes.

5. Research Proposal Scrutiny Committee reviewed the AICTE AQIS proposals submitted by faculty members.

6. A series of meetings were conducted by IQAC Cell to create awareness about revised process of NAAC accreditation implemented from July 2017 onwards for all the stake holders.

7. Improvement tests for the Continuous Internal Assessment (CIA) Examination has been suggested in order to obtain a minimum of 14 internal marks by the slow learners.

8. Publication achievement award has been constituted to encourage faculty towards quality publication.

9. Software development teams were formed with faculties and students from ICT branches to develop ERP software towards paperless office communication.

10. Internships were arranged by placement officer and IIP cell. Industry oriented projects were arranged by the department to interested students.

11. Through Industry Institute Partnership, industry oriented training and skill development programmes by industrial experts have been arranged for the students.

12. To improve the industry interaction through guest lectures and training programmes, 12 Alumni and 10 industrial persons have been invited by various departments.

13. Entrepreneurship Development cell has fetched fund of Rs. 9.2 lakhs from PRADHAN MANTRI YUVA YOJANA YUVA UDYAMITA VIKAS ABHIYAN SCHEME sponsored AICTE.

14. ED cell has also organized 4 workshops, one guest lecture programme and two Faculty development programme. 450 students and 10 staff members were benefited by these programmes.

**Agenda No. 5: To review and record the research activities and faculty research publications in the academic year 2017-18 and support offered by the Management.**

1. It has been recorded that Research progress meeting was conducted on 19.12.2016 & 20.12.2016 for monitoring the progress of faculty pursuing Ph.D.

2. It has been recorded that totally 65 faculty members from all departments are pursuing Ph.D in various Universities under part-time mode.

3. It has been recorded that a total of 11 faculties obtained research supervisor recognition from Anna University and Other Universities and currently guiding 22 research scholars through the research centres of Mechanical and Computer Applications departments.

4. It is recommended to form interdisciplinary research groups comprising faculty from multiple departments to apply for research funding in various funding agencies through R&D cell.

5. It is recommended that each department has to submit a minimum of two proposals under AVCCE Research Promotion Scheme.

**Agenda No. 6: To recommend domain specific and students-centric learning initiatives like value added programme, vocational education and certificate programme.**

1. It is recommended that Value added courses and certificate programs may be arranged for students in latest software, domain specific courses on industrial standards in ISO, fire safety, industrial safety, food safety, cutting edge technology areas in circuit branches which are not covered in the University syllabus to enhance student's employability.

2. It has been recorded that 6 certificate programmes have been conducted for the benefit of 413 students of various departments.

3. It has been recorded that 10 industry-oriented skill upgradation

programmes handled by experts from industry and 64 other technical guest lectures/ workshops/ seminars were conducted.

4. It has been recorded that MoU has been signed with IIT Bombay to conduct IIT Spoken Tutorial Online Certification Programme for the Students of all Discipline.

5. It has been recorded that awareness programme on “Talk to the Teachers” by Spoken Tutorial (MHRD, Government of India), IIT Mumbai has been held on 9th March 2018.

6. It is recommended that faculty and students of all the departments should obtain certification in suitable courses of IIT spoken tutorial courses.

**Agenda No. 7: To review and record the placement activities and training inputs offered to students through Training & Placement Cell / Departments for improving the employability skills of students.**

1. The details of on-campus and off-campus drives offered to students and the 347 placement offers obtained by the students, along with pre-placement training programmes conducted has been recorded in placement cell.

2. It has been recorded that aptitude training has been offered through FACE Academy, Chennai for IV year students of all branches and Soft skill has been offered through RIPE Training institute, Chennai for III year students of all branches. Communication training has been given by IRA Academy of Brilliance for II year students of all branches.

3. It is recommended that foreign language training has to be provided to improve the employability of students in German, Japanese and French languages.

4. It is recommended that students placement in core engineering areas may be given more importance while conducting on-campus and off-campus interviews.

**Agenda No. 8: To review and recommend activities under the various forums like Alumni Association, Industry Institute Partnership Cell (IIPC), Research and Development (R&D) Cell and ED cell.**

1. It is recorded that Alumni Meet was conducted on 23rd December, 2017 and 150 alumni had attended. It is insisted to continue the efforts in the subsequent years on 3rd week of December every year.

2. It is recommended to identify prospective alumni for offering placement opportunity to students of all branches through alumni association.

3. It is recommended to enter into MOU with domain specific companies to enhance internship, implant training and industrial visit for eligible students under IIP cell. Identify the companies through alumni, companies offering value added programmes to students and company visiting campus for offering campus placements.

4. It is recommended to conduct ED programmes for students of all branches to kindle their interest to become entrepreneurs.

**Agenda No. 9: To review and record the FDP / Seminar / Symposium / Workshop etc., initiatives undertaken by the Institution.**

1. It has been recorded that 21 papers were published in international journal by our UG and PG students.

2. The members appreciated that 663 Students had participated in 137 seminar/ symposium / workshops / technical events /conferences conducted by other Engineering colleges. Also, 87 students fetched prizes which included “Best Paper Award” and “Best Performance Award”.

3. The IQAC co-ordinator recorded that the total number of citations of our faculty member’s publications is 951, the h index is 17 and the i10 index is 34 as per Google citations.

4. External expert appreciated that 93 papers have been published in various national and international journals by our staff members which included 22 journals indexed by web of science with the citation of 47 and 48 journals indexed by scopus with the citation of 79.

5. It has been recorded that 87 papers have been presented in various national and international conferences.

6. The cell appreciated the efforts and financial assistance provided by the Management to 26 faculty members.

7. It has been recorded that 11 faculty development programmes have been organized by the college.

**Agenda No. 10: To discuss and recommend initiatives to promote submission of funded project proposals by the faculty members in their area of specialization/ inter-disciplinary domain.**

1. The members appreciated the efforts of Research proposals scrutiny committee in reviewing the proposals submitted by the faculty and finalize the eligible proposals to be uploaded for AICTE Quality Improvement Schemes (AQIS).

2. It has been recorded that 25 proposals inclusive of 8 STTP, 5 RPS, 2 AICTE-ISTE, 3 FDP proposals and 2 conference proposals have been submitted by all departments for AICTE-AQIS.

3. The expert appreciated the effort of proposal submitted to Naval Research Board under DRDO.

4. It is recommended that each faculty having doctorate degree has to apply for funded projects without fail in various funding agencies.

**Agenda No. 11: To record the success rate in the University results and rank holders list in the recently announced Anna University results.**

1. The cell appreciated effort taken by the Principal and faculties for maintaining the academic pass percentage of outgoing students as above 77%

2. The number of rank holders is 29 from all branches.

**Agenda No. 12: Further initiations for setting quality benchmarks in academic, administrative, research and extension activities in the Institution apart from the existing best practices towards NAAC & NBA accreditation process.**

The members of the committee have suggested the following quality initiatives to be adopted:

1. Ensure all the trainers are effectively taking classes during skill development programme and language training.

2. Personality development programme (PDP) periods to be utilized only for that purpose. Faculty from other department has to be invited to conduct the PDP programmes.

3. Final year students should give placement regarding training to third and second year students.



4. Discussion forum to be initiated among students to improve their participative learning skills.

5. Secretary insisted to conduct yoga classes regularly.

6. The faculties should publish their research articles in high impact factor journals to improve their individual credits.

7. Real-time application of subject concepts to be emphasized with the creation of interactive e-classroom facilities.

8. Innovative steps to be taken to ensure good admission.

9. Necessary steps to be taken to improve credit points in weak areas identified based on the second cycle of NAAC accreditation in subsequent cycle of NAAC accreditation process.

**Agenda No. 13: To consider and approve the Annual Quality Assurance Report (AQAR) prepared for the academic year 2017-18**

The prepared Annual Quality Assurance Report (AQAR) for the academic year 2017-18 was presented by the IQAC coordinator and it got approved by the cell with some amendments suggested by the IQAC members for e-submission to NAAC office.

The meeting ended at 1.10 p.m. with vote of thanks.

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