MVJ COLLEGE OF ENGINEERING
Since 1982

An Autonomous Institution
(**Affiliated to VTU, Belagavi**
Approved by AICTE, New Delhi
Recognized by UGC under 2(f) & 12 (B)
Accredited by NBA & NAAC)

Minutes of 30th IQAC Meeting conducted on 6.11. 2020

IQAC Meeting (online) was held on 6.11.2020 at 2 pm.

MEMBERS PRESENT

1. Shri M J Balachandar – Chairman, MVJ College of Engineering,
2. Dr P Mahabaleshwarappa, Principal, MVJCE, - Chairperson, IQAC
3. Prof Vaman B Gudi– Registrar & COE
4. Prof Gupta –HOD, Aeronautical
5. Dr Hameem Shanavas –HOD ECE
6. Prof. Kavyashree, HOD-CSE
7. Dr Soumya Mishra, ASP, EEE
8. Dr. Sanchari saha-HOD ISE
9. Dr. Vivekannd Huddar -HOD-ME
10. Dr. Vetrivel, Civil
11. M Brindha, Vice Principal, MVJCE – IQAC Coordinator

External Members Present:

1. Dr N Alagamurthy- Professor, Department of Mechanical Engineering, Pondichery Engineering College, Pondichery
2. Mr. Venugopal Rao Chatakondu, Director, SAP Delivery at Quinnox, Bangalore – Alumnus -CV Dept 1987 Batch.

3. Mr Binoy K, Manager, Talent Acquistion, Wipro, Banglaore

Students Present:

1. Ms Manvi Groover, IV Year, CSE
2. Mr Nishanth, IV Year, ECE

Principal- MVJCE welcomed and greeted all the members of IQAC Meeting. The agenda items were taken up.

Item No. 1: Initiatives taken in framing Autonomous Syllabus to move towards practical learning

The Principal briefed the efforts taken to move towards practical learning while framing Autonomous curriculum. The following points were considered while framing the curriculum.

- To follow uniform credit structure across all boards
- To include Additional Mathematics in III and IV semesters for Lateral entry students.
- To make some of the elective subjects can be made as core subjects based on the requirements of Industry 4.0.
- To structure the curriculum to have more experimental exposure so that, students can explore their knowledge in addressing real life and societal problems.
- Uniformity in terms of credits as far as possible across various disciplines
- Importance to the practical training (Around 30 percent)
- Introduction of new technology areas (Industry 4.0)
- Focus on problem solving areas (real world problems)
- Inclusion of NPTL/MOOC courses in curriculum.

BOS meetings were conducted in the month of June and July for various Boards. The expert review committee under the chairmanship of Dr. B.N. Raghunandan, Dean (Retd), IISc. was constituted. The Scheme and Syllabus approved by respective BOS were submitted to the expert review committee chaired by Dr. B.N. Raghunandan for the final approval.

All the members appreciated the efforts taken to frame Autonomous curriculum.

Item No.2: Initiatives taken for the conduct of online classes and examinations

The Principal briefed the initiatives taken for the conduct of online classes and examination. During presentation, Principal explained

- The challenges faced to conduct online labs and action plan made to overcome the challenges.
- The challenges faced in 2019-20 (Even sem) to conduct online internal examinations.
- Feedback given by the students and faculty were also discussed
- The plans made for 2020-21 (odd sem) were also discussed.

All the members appreciated the efforts taken by the College.

Item No.3: Placement activities:

The Principal briefed the placement activities. It is suggested to improve placement and must have a monitoring mechanism if students are not placed. Student's feedback shall be taken during Class committee meetings.

Item No.4: Efforts to be taken to improve R & D:

The Principal briefed the following action plans made to improve R & D.

- Appointing faculty members exclusively for doing R & D works.
- Freeing them from all the administrative work loads.
- Staff room exclusively for the R & D faculty members with individuals' computers and other necessary facilities required to carry out the research work will be ensured.
- Accessibility to the research laboratories and utilizing the college facilities beyond working hours (24*7) for carrying out the research activities will be ensured.
- Decided to recruit one senior most professor in each department with extensive knowledge in funded projects, to mentor and guide other faculty members in respective department.
- The R & D faculty members will be given flexible timings, without disturbing class hours and ongoing regular academic aspects.
- R & D faculty members who are showing good progress will be rewarded with additional monetary benefits.

The external members suggested that incentives announced are good. HOD-ME informed all IQAC members that 2/3 of faculty will be focusing on Research. EC HOD informed that many proposals are in pipeline.

Item No.5: Steps to be taken to get a rank in NIRF

The Principal briefed the parameters of NIRF and area to be focussed to get a rank in NIRF. The following are the points to be focussed:

1. **Teaching, Learning & Resources: Marks:100, weightage: 0.30**

- Teaching & Learning, graduate outcome have scope for improvement
- SFR – 1 : 20 has to be maintained. For Better FSR, marks will be more. Average faculty experience – 8 to 15 to be maintained.
- Faculty development and retention is more important.
- Students' admission – PG and Ph. D
- No of Ph D students graduated through College Research Centre

2. **Research and Professional Practice, Marks:100 weightage: 0.30**

- Research Parameter is the biggest differentiator (Except to 50 colleges others need to work on it extensively).
- Quantity of publication
- Quality of publication. citations will be given more weightage.
- For all B.E./M Tech students/MBA students: Paper publication is mandatory in Scopus indexed journals with guide's name as co-author.
- Link R & D and consultancy with performance appraisal and incentives to be provided.
- Faculty should go and approach small scale industries for consultancy as they may need expertise help in executing some projects.
- New innovative ideas to be patented.

3. **Graduation Outcomes, Marks: 100, Ranking weightage: 0.20**

- There is a scope of improvement for our College in terms of Placement, Higher studies and Entrepreneurship.

4. **Outreach and Inclusivity, Marks: 100, Ranking weightage: 0.10**

   Score of MVJCE is equally good when compared with other colleges.

5. **Perception, Marks: 100, Ranking weightage: 0.10**

- Perception except top 10%, everyone is equally bad.

- Most of the Colleges get 0 mark in perception. Getting 1 mark in perception will have huge impact in ranking.

- Maintain good relationship with stake holders to improve perception.

It was suggested by the external members that parameter wise detailed analysis must be done carefully with the colleges who have secured 101 to 150 ranks in NIRF to analyse the area and parameter to be focussed to get rank in NIRF. Institute Information Cell has to collect all the data and consolidate it and provide to IQAC whenever required.

Item No.6: Efforts to be taken to get a rank in ARIIA

The Principal briefed the parameters of ARIIA and area to be focussed. The following are the points to be focussed:

- Enhance the number of activities on IPR, EDC and Innovation

- More workshops to be organized.

- Enhance the number of innovative projects.

- Enhance the participation of students and faculty in external training programmes conducted on IPR, entrepreneurship / Start-ups & Innovation.

- Enhance student's participation in Innovative competitions, Hackathons, Design Challenges, etc.,

- Incubation Centre must be established.

- Motivate students to take up entrepreneurship as a career choice.

- Provide necessary support to the student's innovative ideas that have market potential.

- Submission of proposals to funding agencies such as DBT, DST, etc., for Technology Business Incubators (TBI).

- Introduce a course on IPR and Innovation at UG level.

- All innovative ideas to be patented.

The external members suggested to fix a target for all the parameters and work towards the goal.

Item No.7: Extension of NBA Accreditation:

The Principal informed all the members that

- NBA Accreditation has been extended for one year (30.06.2021) for Aeronautical Engineering, Computer Science & Engineering, Electronics & Communication Engineering and Mechanical Engineering.
- NBA Peer team visit will be scheduled shortly for extension of Accreditation to these four programmes.
- Department of Chemical Engineering, Electrical & Electronics Engineering and Information Science & Engineering are preparing compliance report to submit to NBA for extension of NBA Accreditation.

Item No.8: Preparation of AQAR:

The Principal informed all the members that AQAR report preparation is in progress and will be reported shortly to NAAC for the academic year 2019-20 in Autonomous format.

Item No. 9: Any other Item:

1. IIPC Cell shall focus on providing training to students and prepare them for placement.
2. Career guidance cell has to guide students for higher studies
3. EDC shall encourage students for start-ups.
4. Product Lab/Centre shall enhance the number of products and patents
5. R &D Cell must focus on academic research, sponsored research, consultancy, training to our faculty, training to corporates and industry supported labs.
6. Language Lab shall focus to train students in foreign languages
7. Alumni cell shall work in close association with IIPC.

The meeting concluded with vote of thanks to all the members for their valuable suggestions

IQAC coordinator.

Principal