



**MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING**

*(An ISO 9001:2008 Certified Institution)*  
*(A Unit of Rajalaxmi Education Trust®, Mangalore)*

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# **INTERNAL QUALITY ASSURANCE CELL**

## **REPORT FOR THE ACADEMIC YEAR 2017-18**



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## **INTERNAL QUALITY ASSURANCE CELL (IQAC) FOR THE ACADEMIC YEAR 2017-18**

The composition of the IQAC for the academic year 2017-18 is as follows:

<b>S. No.</b>	<b>Committee members</b>	<b>Representation</b>	<b>Designation</b>
1	Dr. G L Easwara Prasad	Head of the Institution	Chairperson
2	Dr. C R Rajshekar	Vice-Principal	Member
3	Dr. T K Chandrashekar	Professor	Member
4	Prof. Manjunath H	Associate Professor	Member
5	Dr. Purushotham,	Professor	Member
6	Dr. Ganesha Mogaveer	Professor	Member
7	Prof .Jayadeva Prasad	Professor	Member
8	Sri Rajesh Chouta	Management Representative	Member
9	P R Shetty	Local Society	Member
10	Sanmathi Patil,	Student	Member
11	Prajwal Hegde,	Alumni	Member
12	Mohammed Azaan Patni,	Employer	Member
13	Dr. Ganesh Aithal	Professor	Coordinator

## **INTERNAL QUALITY ASSURANCE CELL**

### **Report for the Academic Year 2017-18**

As per the directions of NAAC, MITE has established the IQAC to initiate, plan and supervise the various activities that are needed to enhance the quality of education imparted in the Institute, facilitating the creation of learner-centric academic and intellectual environment conducive to quality education and faculty maturation to acquire required knowledge and skills for Participative Teaching and Learning Process. IQAC at MITE has been working towards the successful implementation of quality initiatives for up gradation of quality and sustenance for providing quality education to the students of diverse backgrounds.

At MITE, the departments are working in line with the vision and the objectives of IQAC, and conducted a total of 59 events in the academic year 2017-18, that contributed in enhancing the quality culture in the Institute. Among the key initiatives of IQAC the International Conference on “**Advances Manufacturing, Materials and Energy’ (IconMEE-2018), 2 Day Workshop on IOT and International workshop on ‘Development of Sustainable Smart Cities: Perspectives on Engineering Challenges’** are the Three notable activates organised by the department of Mechanical Engineering, Mechatronics Engineering and Civil Engineering respectively. The conference Icon MME-2018 was held in association with Binghamton University, State University of New York, USA on 2/3/2018 and 3/3/2018 and a total of 150 research articles were presented by the researchers from Industry and academia. The conference had keynote addresses by Dr Krishnaswami (Hari) Shrihari, Dean and Professor, Binghamton University, Dr K P Ramachandran, Associate Dean (Postgraduate Studies & Research), Caledonian College of Engineering, Muscat, Sultanate of Oman, Dr Paul R Chiarot, Associate Professor, Binghamton University, State University of New York, D. Mohammad T Khasawneh, Professor and Chair, Systems Science & Industrial Engineering, State University of New York at Binghamton and Dr Shuichi Torii, Professor, Kumamoto University, Japan.

Since IoT is conquering the entire world by connecting the various objects around us, the **Workshop on IoT** was conducted by the Department of Mechatronics Engineering on 6-10-2017 and 7-10-2017, helped the students to gain insights on why this technology is becoming an integral part of learning. A total of 78 students participated in this 2 days’ workshop. The various aspects such as importance of IoT, Impact and application of IoT in education, future of IOT were discussed in the 2 Day workshop. Mr. Prashanth Singh,

Senior Technical Consultant, ProTex Technologies, Maharashtra trained the students on IoT. The workshop on **Development of Sustainable Smart Cities: Perspectives of Engineering Challenges** was held on 03-01-2018 and 04-01-2018 and had 80 participants from different sectors such as R&D organisations, Govt. and Public sector Undertakings, Academicians, Builders, Architects, Research Scholars and share their Knowledge and Strategic plans for developing sustainable Smart Cities for improving the quality of urban life. Dr. Krishna R Reddy Professor , University Of Illinois, Chicago, Dr. S Neelamani, Professor, Kuwait Institute for Scientific Research, Kuwait, Dr. Varghese George, Professor & Head, Civil Engineering, NITK, Surathkal, Dr. Lakshmikantha H, Environmental Officer, KSPCB, Udupi, Dr. Anathanarayana V S, Dean Research & Consultancy, NITK, Surathkal, Dr. D R Ravi, Environmental Officer, KSPCB, Bangalore ,Dr. Jagadish Vengala, Professor & Head, Civil Engineering, BMSIT&M, Bangalore, Er. Praveen, Ecoparadigm, Paradigm Environmental Strategies Pvt .Ltd., Bangalore delivered key note addresses in the International Workshop.

IQAC at MITE constantly guides, supports and directs the departments to involve the faculty members to guide students in innovative projects, involve them in extension activities, and Research & Development, Conferences, workshops, FDP's, and Seminars, for upgrading their Knowledge and skills to make the Teaching–Learning Process more interesting, interactive and innovative.

In the academic year 2017-18, IQAC has conducted Two Meeting.

1. The first meeting was held on August 07, 2017.
2. The second meeting was held on January 18, 2018.

## PROCEEDINGS OF IQAC MEETING HELD ON 07/08/2017

### 1. Approval of the Calendar of Events

Dr. C R Rajashekar, Vice-Principal presented the Calendar of Events which was approved by IQAC. The Chairperson urged the committee to intimate the departments to make the Department Calendar in line with that of the institution CoE.

### 2. Academic Audit

The committee informed the members to conduct the academic audit and present the report to the Chairman:

Members	Department to be audited
Mr. Sathisha Dr. G Purushotham	<ul style="list-style-type: none"> <li>■ Computer Science &amp; Engineering</li> <li>■ Information Science &amp; Engineering</li> <li>■ Mechtronics Engineering</li> </ul>
Dr. P Venkatramana Bhat Dr. Ganesha Mogaveer Mrs. Nayana Acharya	<ul style="list-style-type: none"> <li>■ Mechanical Engineering</li> <li>■ Aeronautical Engineering</li> <li>■ Master of Business Administration</li> </ul>
Dr. C R Rajashekhar Dr. T K Chandrashekar Mr. Jayadeva Prasad M	<ul style="list-style-type: none"> <li>■ Civil Engineering</li> <li>■ Basic Science</li> <li>■ Electronics and Communication Engineering</li> </ul>

### 3. Changes in Internal Assessment Examination as per the VTU Belagavi norms

As per the university regulations, it was discussed and decided in the meeting to conduct Internal Assesment Examination for 30 marks for First year students, for Third and fifth semester IA test to be conducted for 30 marks and later to be reduced to 15 marks. For Non-CBSC scheme, IA Test conducted for 25 marks.

### 4. Review of the Self Assessment Report (SAR) of the Dept. of Mechanical Engineering, Computer Science & Engineering for accreditation by NBA

The committee reviewed the SAR of both the programs thoroughly and appreciated the efforts made by the respective departments. Coordinator, Dr. Ganesh Aithal requested the Heads of the departments of these program to communicate with all stakeholders about the accreditation

process that the departments have initiated and also inform them about the process and its importance.

The committee made a few suggestions as follows:

- The departments have to make the reports exclusive with addition of more specific details like photographs, graphical representations.
- The committee also instructed the NBA Coordinators to consolidate copies of documentary evidence according to each criterion which would ease the validation process during the NBA Peer team visit.
- The Heads of the Dept. of Mechanical Engineering, Computer Science & Engineering were informed to prepare the Department presentation to be presented to the expert committee in line with the SAR.

#### **5. Review of Vision, Mission, PEO's and PSO's of Dept. of Mechatronics and Department of MBA.**

The committee reviewed and approved the Vision and Mission of the department of Mechatronics Engineering & Master of Business Administration.

#### **6. Other matters**

##### **Review of revised PSO's of the Mechanical Engineering Department**

The Head of Department of Mechanical Engineering presented the new PSO's of the Department which was revised as per the resolution 2 of the DAB meeting held on 16/07/2017. The matter was reviewed and approved by the committee.

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**PROCEEDINGS OF IQAC MEETING HELD ON 18/01//2018**

**1. Approval of the Calendar of Events**

The Calendar of Events presented by Dr. C R Rajashekar, Vice-Principal was approved by IQAC. The committee members were instructed to intimate the departments to make the Department Calendar in line with that of the institution CoE.

**2. Academic Audit**

The committee informed the members to conduct the academic audit and present the report to the Chairman.

Members	Department to be audited
Mr. Sathisha Dr. G Purushotham	■ Computer Science & Engineering ■ Information Science & Engineering ■ Mechtronics Engineering
Dr. P Venkatramana Bhat Dr. Ganesha Mogaveer Mrs. Nayana Acharya	■ Civil Engineering ■ Basic Science ■ Electronics and Communication Engineering
Dr. C R Rajashekhar Dr. T K Chandrashekar Mr. Jayadeva Prasad M	■ Mechanical Engineering ■ Aeronautical Engineering ■ MBA

**3. Review of preparations for accreditation by NAAC**

The committee appreciated the SSR submitted to NAAC for accreditation and urged the Steering Committee head to ensure that the documentation is very systematic. Dr. G Purushotham was asked to instruct the NAAC Steering Committee to initiate the documentation filing process by consolidating copies of documentary evidence according to each criterion which would ease the validation process during the NAAC Peer team visit. The documents for each sub-criterion to be numbered accordingly to avoid any ambiguity. The Coordinator advised the members to inform the HOD's to address the students about the NAAC Accreditation process and ensure that they are aware of the need for accreditation and their role in the process.