



**NITTE**  
(Deemed to be University)

**NMAM INSTITUTE  
OF TECHNOLOGY**

*Off-Campus Centre of Nitte (Deemed to be University), Nitte*

Nitte (DU) established under section 3 of UGC Act 1956 | Accredited with 'A+' Grade by NAAC

**INTERNAL QUALITY ASSURANCE CELL [IQAC]**

**MINUTES OF MEETING**

**Date: 10 February 2024**

**Time: 10:00 am**

**Venue: Board Room**

**Members Present:**

1. Dr. Niranjana N Chiplunkar- Chair Person
2. Dr. I.R. Mithanthaya
3. Dr. Shrinivasa Rao B R
4. Mr. A.Yogeesh Hegde
5. Dr. Subrahmanya Bhat K
6. Dr. Kiran Kulkarni
7. Dr. Sitaram Nayak
8. Dr. Mahesh Prasanna K
9. Dr. Vidya S.M.
10. Dr. Sharada U Shenoy
11. Mr. Sathish Kumar Kemmanu
12. Mr. Prajwal Achar
13. Dr. Sukesh Rao M
14. Mr. Pradeep Kumar
15. Mr. Keshava Mugeraya
16. Dr. Preetham Shetty
17. Mr. Sandeep

**Leave of Absence:**

1. Dr. Rekha Bhandarkar
2. Dr. Subramanya Bhat-IQAC Member
3. Mr. Bharath G. Kumar
4. Ms. Anna Shanthi D'Souza
5. Ms. Bhavana (NNM22CC009)

## **IQAC Agenda**

1. Approval of minutes of previous IQAC meeting held on 14th October 2023
2. Approval of Action taken report based on the recommendations of IQAC meeting held on 14th October 2023
3. Setting different number of course outcomes for different types of courses for B. Tech program under Nitte (DU)
4. Student Performance Monitoring and Documentation of outcome measures for slow learners and advanced learners for B.Tech. program under Nitte (DU)
5. Mentor Mentee Interaction and Documentation for UG and PG under Nitte (DU)
6. Any other matter with the permission of the chair.

## **➤ Welcome by Chairperson-IQAC**

Dr. Niranjan N Chiplunkar, Principal and Chairperson of IQAC opened the meeting and welcomed the external members Dr. Sitaram Nayak, Professor, Department of Civil Engineering, NITK Surathkal, Dr. Kiran Kulkarni, Scientist, CSIR-National Chemical Laboratory, Pune, Dr. Mahesh Prasanna K, Principal, Vivekananda College of Engineering and Technology, Puttur, Mr. Satish Kumar Kemmanu, Retired Headmaster, Sri Ramakrishna Higher Primary School, Bola, Mr. Prajwal Achar, Director, SKF Elixer India Pvt. Ltd. Moodbidri. He also welcomed all internal IQAC members and informed Dr Vidya S.M. to take up the proceedings.

- **Approval of minutes of previous IQAC meeting held on 14th October 2023**
  - The Minutes of the previous IQAC meeting held on 14<sup>th</sup> October 2023 was placed for approval and all the members approved it.
  - Dr. Vidya S.M, presented the action taken report of the previous IQAC meeting held on 14<sup>th</sup> October 2023 and members approved the same.
  - In the course outcomes of academic year 2022-23 of first year odd semester, it was noted that the attainment level of particular course outcomes was less in CO4 (attainment was 2) and CO5 (attainment was 0) in Elements of Mechanical Engineering, for which





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improvement was suggested. This was brought to the notice of HOD for required action plan to be followed to improve the attainment and was approved by the committee.

- Progress report on IQAC Plan of Action of 2022-23, Preparation on NAAC AQAR 2022-23, and internal audit of 2022-23 had no actionable plans and were approved.
- In the previous IQAC meeting it was discussed that if students are doing internships related to societal aspects benefiting Nitte village, institution had assured to help in contacting Nitte Grama Panchayath members to complete the internships successfully. In this regard the internship topics were sorted out and it was found that out of 261 internships 7 were related to societal benefit focusing Nitte, Udupi and Dakshina Kannada. Dr. Vidya displayed the internship titles and the list of faculty and students involved. Faculty had already initiated the internship and was approved by the committee.

- **Setting different number of course outcomes for different types of courses for B. Tech program under Nitte (DU)**

- Course outcome attainment of different courses and action taken for courses with less attainment of 2022-23 was approved. In addition, different types of Courses offered under Nitte (DU) with the proposed number of Course Outcomes was discussed and approved.
- **Student Performance Monitoring and Documentation of outcome measures for slow learners and advanced learners for B.Tech. program under Nitte (DU)**
  - Dr. Vidya informed that the departments have been instructed to form the Student Performance Monitoring Cell (SPMC) Committee for the academic year 2023-24 and all the departments have formed the cell.
  - The Head of the Department will be the chairman and Criterion 2 of NAAC will be the member Secretary. The class advisors of each class will be the members of the SPMC.





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- The SPMC will identify the slow learners and advanced learners based on the CGPA score of the students. Students with CGPA <6.0 will be considered as slow learners. The top 10% of each class will be considered as advanced learners.
- Dr. Vidya displayed the prepared format “Form 1a: List of Slow Learners based on previous Semester Examination Result” and “Form 1b: List of Advanced Learners (Top 5% to 10% students)” that need to be maintained by SPMC of each department. Once the list of students is prepared the mentors of these students will be informed to monitor the performance of such students.
- Dr. Vidya also displayed the formats “Form 2: Summary of the Action Taken Report for Advanced Learners” to be maintained by the mentor. The “Form 3: Follow up Activities for Slow Learners” and “Form 4: Summary of the Action Taken Report for Slow Learners” to be maintained by the department.
- Two courses will be identified by the department based on the complexity of the course for remedial classes for the slow learners.
- Dr. Niranjan N Chiplunkar suggested that the remedial classes be conducted immediately after the MSE-1. He also suggested that the Summer Semester to be taken seriously and it should be ensured that the slow learners need to clear the pending papers in the same academic year as currently the vertical progression is not affected by the result of the student.
- Dr. I.R. Mithanthaya told that the mentors meeting with Principal and Vice Principal will be conducted during the Incredia where the performance of the slow learners and the measures taken to improve the same will be discussed.
- The mentors of advanced learners need to suggest Coursera / NPTEL courses, training programs and internships in support of higher order thinking.
- At the end of each semester the member secretary needs to prepare the action taken report of the SPMC and submit it to the IQAC for approval.
- The overall plan of action was approved by the committee.





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◆ **• Mentor Mentee Interaction and Documentation for UG and PG under Nitte (DU)**

- Dr. Vidya informed the IQAC members that the formats for the mentor mentee meeting which is to be maintained is sent to all mentors and the same was placed before committee for approval.
  - Dr. I.R. Mithanthaya told that the mentors need to conduct at least 4 meetings per semester and write the purpose and outcome of each meeting in the format circulated.
- ◆ **• Any other matter with the permission of the chair**
- Report on feedback on curriculum from students, teachers, alumni, and external experts obtained for the academic year 2022-23 was approved by IQAC, suggesting few points for improvement (Annexure 1)
  - Dr. Vidya gave a brief report of Faculty Development Programme conducted from September-2023 to December-2023
  - Dr. Niranjana N Chiplunkar informed the IQAC members about the college day to be held on 17<sup>th</sup> February and the Techno-Cultural Festival “Incredia-2024” to be held on 21<sup>st</sup> to 24<sup>th</sup> of February 2024.
  - Dr. Vidya informed the IQAC members that the CO attainment calculation of odd semester courses of 2023-24 is not complete as the results are announced recently. Dr. Niranjana Chiplunkar stressed to complete this activity as soon as possible.
  - Dr. Sitaram Nayak informed that UG and PG programs of NITK Surathkal is presently undergoing NBA accreditation and shared his experience in the process. Dr. Niranjana Chiplunkar informed that the NBA team is expected to visit the campus for accreditation of MCA program during 22<sup>nd</sup> to 24<sup>th</sup>, March 2024.
  - Dr. I.R. Mithanthaya requested Mr. Sathish Kumar Kemmanu and Mr. A. Yogeesh Hegde to help in identifying the societal based internship titles at the beginning of the next academic year so that the students can take up these projects seriously and get the benefit.





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- Mr. Prajwal Achar, congratulated the IQAC team for its action plans and follow-up. He informed that their firm is expanding and going for AI based approach in place of PLC and SCADA. He agreed to provide internship to UG students if approached.

The coordinator concluded the meeting at 11.00 PM with a note of gratitude to all concerned for their participation and suggestions.

**Coordinator-IQAC**

**Chairman-IQAC**

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Annexure 1

**Report on Stakeholder's Feedback on Curriculum of B.Tech and M. Tech Programs: 2022-23**

Consolidated by IQAC, NMAMIT, Nitte

Date: 10-02-2024

Feedback on the curricula was obtained from students, employers, teachers, alumni, and external experts. The outcome of the survey revealed that, there were no major concerns with respect to the overall structure of the program.

However, few points for improvement suggested by IQAC are as follows:

**B.Tech in Artificial Intelligence**

There is a requirement for learning outcomes that align with the demands of the job market, placing sufficient emphasis on integrating skill development into the curriculum.

**B.Tech in Biotechnology; B.Tech in Electronics and Communication**

Learning outcomes should be customized to address employment requirements, with a specific emphasis on enhancing skills in the curriculum. Creative teaching and learning approaches should be implemented.

**B.Tech in Computer Science**

There is need for learning outcomes relevant to employment requirement. There is requirement of sufficient emphasis on human values, ethics, and professionalism and implementation of innovative teaching and learning methods.

**B.Tech in Electrical and Electronics**

There is requirement of adequate emphasis on communication skill in the curriculum.

**B.Tech in Information Science**

There is need of tailored learning outcomes addressing employment needs, adequate focus on skill development in the curriculum, emphasis on enhancing communication skills in the curriculum, attention to human values, ethics, and professionalism, utilization of appropriate and innovative teaching and learning methods, including opportunities for integrated learning in the curriculum.

**B.Tech in Mechanical**

There is necessity of emphasis on communication skills, human values, ethics, and professionalism in the curriculum, design of curriculum to offer opportunities for integrated learning, incorporation of innovative teaching and learning methods.

**B.Tech in Robotics; M.Tech in Computer Science**

Sufficient focus on communication skills in the curriculum, along with the utilization of innovative teaching and learning methods.

### **M.Tech in Structural Engineering**

There is requisite of clearly defined program, course, and learning outcomes, learning outcomes tailored for employment needs, adequate focus on skill development and communication in the curriculum. Emphasis on human values, ethics, and professionalism.

Implementation of appropriate innovative teaching methods, curriculum designed for integrated learning opportunities, clear description of the assessment process with adequate weightage to continuous ongoing assessment.

### **M.Tech in VLSI**

There is a need for the clear articulation of learning outcomes, including those pertinent to employment needs, with ample emphasis on skill development in the curriculum, and the incorporation of opportunities for integrated learning in the curriculum.

### **MCA**

There is a requirement for learning outcomes tailored to meet employment needs, with sufficient focus on skill development in the curriculum, and the incorporation of innovative teaching and learning methods.