

Minutes of Meeting of 20th Academic Council of NMAMIT, Nitte

Held on 03-07-2024 at 10.00 A.M.

through online platform (Google Meet)

Members Present:

- 1) Dr. Niranjana N. Chiplunkar, Principal and Chairman of A.C.
- 2) Dr. Dilip Kumar K., Principal, K. S. Institute of Technology, Bengaluru- VTU Nominee
- 3) Dr. B. G. Naresh Kumar, Principal, Maharaja Institute of Technology, Mysore - VTU Nominee
- 4) Dr. Ashok Kumar, Principal, SDM College Ujite - VTU Nominee
- 5) Dr. Mattur C. Narasimhan, Professor, Civil Engg Dept. NITK, Surathkal - External Member
- 6) Dr. A. N. Parameswaran - Director, Industry Institute Interaction
- 7) Dr. Srinivas Pai P - HoD, Mechanical
- 8) Dr. Arun Kumar Bhat - HoD, Civil Engg. Dept.
- 9) Dr. Ujwal P - HoD, Biotechnology
- 10) Dr. Vasudeva Acharya - Professor, ISE
- 11) Dr. Jyothi Shetty - HoD, CSE
- 12) Dr. Suryanarayana K - HoD, E&E
- 13) Dr. KV SSSS Sairam - HoD, E&C
- 14) Dr. Sharada Udaya Shenoy - HoD, AI & ML
- 15) Dr. Radhakrishna - HoD, CCE
- 16) Dr. Muralidhara - HoD Robotics & AI
- 17) Dr. I. R. Mithanthaya - Vice Principal & Secretary AC

Member Absent:

- 1) Dr. K. C. Chandrasekaran, Professor, Dept. of CSE, NITK Surathkal - External Member
- 2) Mr. Ramachandra Acharya, Chief Technology Officer, Global Delight Technologies, Udupi
- 3) Dr. Shrinivasa Rao B. R. - Vice Principal & Controller of Examination

MINUTES:

Dr. I. R. Mithanthaya, Secretary of Academic council heartily welcomed all VTU nominee Dr. Dilip Kumar K, Principal, K. S. Institute of Technology, Bengaluru, Dr. B. G. Naresh Kumar, Principal, Maharaja Institute of Technology, Mysore, Dr. Ashok Kumar, Principal, SDM College Ujite and External member Dr. M. C. Narasimhan, Professor, Dept. of Civil Engineering, NITK Surathkal and all the internal members to the 20th Academic Council meeting. He read the agenda points to be discussed in the meeting and he requested Principal Dr. Niranjana N. Chiplunkar for his opening remarks.

Dr. Niranjana N. Chiplunkar, Chairman of A.C. in his opening remarks, said our Institute NMAMIT, Nitte become a part of Nitte (Deemed to be University), hence this meeting is mainly conducted to get the approval for the scheme and syllabus of fourth year B.E (under VTU). The final year syllabus is prepared as per NEP (160 credits) with a minimum modification and small changes made in department elective and added some open electives which is going to offer in the 7th semester. Institution is planned to conduct Graduation Day Celebration on 24th July 2024 for the last VTU batch and he invited all VTU nominee and external members for this celebration. He also thanked all the A.C members for their continuous support and valuable suggestion given all these years during academic council meeting to improve the teaching learning process.

Vice Principal thanked Principal for his opening remarks.

A.C.20.1: As per agenda, Dr. I. R. Mithanthaya read all the resolutions of previous Academic council meeting held on 28th September 2023es. He said, the approved scheme & syllabi of III & IV year B.E (under VTU) were followed, the approved open electives were offered in VI & VIII semester (1241 students opted in VI semester and 1158 students have opted in VIII semester). The Institute also successfully conducted Graduation Day and issued the Graduation Certificate for all eligible students on 21st October 2023. All suggestions given by the Academic Council members are implemented during academic year 2023-24.

Academic Council members approved the minutes of 19th Academic Council Meeting.

A.C.20.2: Vice Principal & Dean (Academics) sought approval for the modification made in the scheme and syllabi of IV year B.E (under VTU)

Member Secretary said the BoS meeting of all the departments were conducted in the month of June and the suggestions given by BoS external members were incorporated in the syllabus. Each Department HoD's briefed about the changes / modifications made in the syllabus.

1. Dr. Ujwal P, HoD of Biotechnology Engineering said this year only the subject "Immunology and Immuno-technology" is freshly designed and got the approval from BoS members and not changed the other subjects.
2. Dr. Arun Kumar Bhat, HoD of Civil Engineering Dept. said they retained the syllabus as same as earlier and one open elective "**Sustainability Engineering**" is added to VII semester (open to all branches). Basically, this is industrial oriented subject and the department has conducted workshop for the faculty members about the subject and proper preparation has been done while preparing the syllabus.
3. Dr. Jyothi Shetty, Head of the Department of Computer Science & Engineering, said that the department has introduced an Industry Elective titled "**Embedded Secure Element**" for VII semester students. The college has signed an MoU with Infineon Technologies, Bangalore. Selected faculty members have undergone training at Infineon Technologies. The subject will be taught by the trained faculty members in the upcoming semester.
Dr. Dilip Kumar appreciated the effort made by the department.
4. Dr. Vasudeva Acharya, Incharge Information Science & Engg. said, no changes has been made in the final year syllabus and mainly the "**Compiler Design**" subject was introduced in the VII semester by swapping the management subject. The course contents have been retained as in the previous batch except for the elective "Ad Hoc Computing". The major project has been initiated in the 6th semester itself as part of a mini project course for effective

design and implementation of the project. The eighth semester internship has to be undertaken by the students either in industry or in research institutions and it needs to be duly certified by the concerned institutes.

5. Dr. Suryanarayana, HoD of Electrical & Electronics Engineering said there are no major changes done in 7th semester syllabus and also he said there is a big challenges for accommodating all 8th semesters for the 24 weeks of Internship.

In this regard to this Dr. Dileep Kumar has advised to have MoU with many industries as far as possible.

6. Dr. KV SSSS Sairam, HoD, Electronics & Communication Engg. said as per the suggestion given by the BoS external members only some contents have been changed in the final year syllabus. In regard to Industry Internship students should complete 24 weeks internship either in one or multiple companies.

7. Dr. Srinivas Pai, HoD of Mechanical Engineering said in regard to syllabus they have not brought any changes. The department has planned some mechanism to take up VIII semester internship by allowing some students to industry & insisting some students to do the internship in college incubation center itself. In the beginning of the current 7th semester, proper orientation to be given to the students, so that they know what the final 'deliverable' after completion of their 24 weeks internship is.

8. Dr. Sharada Udaya Shenoy, HoD Artificial Intelligence & Machine Learning informed the members that the syllabus is prepared as per the NEP guidelines. In the elective subject "21AME110 Cloud Computing" the tutorial hours for hands on sessions were added. In regard to Industry Internship the department has taken some projects from Japanese company. The Dept. also have some tie up with industries and some new industries came forward with new proposals for providing internship the students. 50% of the students will go for the respective company to do the internship and for the remaining students the dept. will planned to send them to do the research.

9. Dr. Radhakrishna, HoD of Computer and Communication Engg. said that the syllabus retained same as last year and some concerns raised by BoS member regarding the project work, emphasizing that it was designated for inclusion/restriction solely within the 7th semester research internship which was included in the 8th semester.
10. Dr. Muralidhara, HoD of Robotics & Artificial Intelligence said that the first batch of Robotics is in the final year. We added prerequisite content on Generative AI Basics to facilitate a smoother transition for the elective course on **21AME130/ Prompt Engineering**. This addition will be made in consultation with the AIML Dept. The integration of prerequisite content is expected to ease the transition and improve the understanding of students opting for the Prompt Engineering elective course. In the elective course **21AME104 / Augmented Reality and Virtual Reality** we included the application of robotics in AR/VR environments for Robotics and AI Students. The department has also added one new open elective "**Micro Aerial Vehicle**" for the VII semester students. The department already had discussion with many big industries and there are lot of requirements in the automation field, hence, there are some opportunities for our students for doing their internship.

Dr. Dileep Kumar, appreciated the effort put by the department for inspiring the students to learn better.

Dr. Narasimhan asked whether students should complete the Internship at a single stretch in the same industry or partial internships is considered?

Dr. I R Mithanthaya replied that partial internship is also considered, students can do their internship during their vacation period, finally it must be 24 weeks of Internship.

Academic Council members approved these modifications.

A.C.20.3: Vice Principal sought approval for the open electives offered in VII semester for the current academic year 2024-25. He presented the list of open electives totally 26 open electives. Out of which the Institute added 2 new open electives ,“Sustainability Engineering” by Civil Engg. Dept and “Micro Aerial vehicle” by Robotics Dept.

A.C members approved the list of Open Electives.

A.C.20.4: Member Secretary sought approval for the list of students eligible for Graduation Certificates. He said this year totally **1002 Under Graduate students are eligible for the graduation certificate** and also, he presented the list of Gold and Silver Medal winners of UG, those who have scored highest CGPA in semester end examination.

Academic council members approved List of eligible students for Graduation Certificate and List of Gold & Silver medal winners.

A.C.20.5: Vice Principal & Dean (Aca.) sought approval for the exam related matters. He said the panel of examiners is already approved by the concerned department BoS members. He presented the Academic Calendar of VII semester of B. E and also presented the semester wise result analysis of B.E (before supplementary exam).

Academic council members approved the Academic Calendar & result analysis.

A.C.20.6: Member Secretary invited **all external and internal Academic Council members** for the forthcoming Institution’s “**Graduation Day**” **celebration of last VTU batch** scheduled on **24th August 2024 (Saturday)** for the award of degree of B.E programme and first **Graduation Day of Nitte University batch** is scheduled on **31st August 2024**. He once again expressed his heartfelt thanks to all the member for their valuable suggestion given during the academic council meeting.

**Dr. Ashok Kumar congratulated everybody for becoming part of Nitte
(Deemed to be University).**

A.C.20.8: Meeting ended with vote of thanks by member secretary.



Dr. I. R. Mithanthaya
Secretary, Academic Council



Dr. Niranjan N. Chiplunkar
Chairman, Academic Council