

Proceedings of the 1st Academic Council meeting, BNMIT

Held on November 11, 2021 at 11.00 AM

Proceedings of the first Academic Council Meeting held on 11.11.2021 at 11.00 AM in the Conference Hall, Main Building, BNMIT, Bengaluru.

Members Present:

Sl. No.	Name of the member	Affiliation	Role
1.	Dr. S. Sadagopan	Advisor, BNMIT	Invitee
2.	Sri. Narayan Rao R. Maanay	Secretary, BNMIT	Chairman, GB
3.	Dr. Krishnamurthy G. N	Principal, BNMIT	Chairperson
4.	Prof. T. J Rama Murthy	Director, BNMIT	Member (GB Nominee)
5.	Dr. S. Y Kulkarni	Additional Director, BNMIT	Member (GB Nominee)
6.	Prof. Eishwar N. Maanay	Dean, BNMIT	Member (GB Nominee)
7.	Dr. S. S. Injaganeri	Principal, BEC, Bagalkot.	Member
8.	Dr. M.U. Aswath	Principal, BIT, Bangalore	Member
9.	Dr. H.R. Sudarshana Reddy	Dept. of EEE, VIAT, Bangalore	Member
10.	Mr. Yashvanth N N Expert – R&D	Section Manager, Aruba, HP, Bangalore	Member (GB Nominee)
11.	Dr. H. Sundara Murthy Expert – Industry	President, FENFE, Metallurgicals	Member (GB Nominee)
12.	Dr. Ramakanth Kumar P Academician	HOD, Dept. of CSE RVCE,	Member (GB Nominee)
13.	Dr. K R Iqbal Ahmed	Professor	Invitee
14.	Dr. Sahana D. Gowda	HOD – CSE	Member
15.	Dr. Shashikala	HOD – ISE	Member
16.	Dr. P A Vijaya	HOD – ECE	Member
17.	Dr. R V Parimala	HOD – EEE	Member
18.	Dr. Sejal S Nimborkar	HOD (In-charge) AIML	Member
19.	Dr. B S Anil Kumar	HOD – ME	Member
20.	Dr. Deepa H.R.	HOD – PHY	Member
21.	Dr. B K Jayanna	HOD – CHE	Member
22.	Dr. S. Manjunath	HOD – MAT	Member
23.	Dr. N Mukund Sharma	HOD – MBA	Member
24.	Smt. Savita G Rao	HOD- Humanities	Member
25.	Dr. Vijayashree L	Head – IEDC	Member
26.	Dr. SarithaChakrasali	Head – T&P	Member
27.	Dr. Yasha Jyothi M Shirur	Professor	Member
28.	Dr. Venkatesha K	Professor	Member
29.	Dr. Saravanan V	Assoc. Prof	Member
30.	Dr. Srividya R C	Assoc. Prof.	Member
31.	Mr. Mohith Prabhu Alumnus	Team Leader MathWorks	Member (GB Nominee)
32.	Dr. Bindu S	Professor	Member Secretary

Dr. Krishnamurthy G. N., Principal, BNMIT and Chairperson, welcomed the Academic Council members and gave an overview of the purpose of the meeting.

Sri Narayan Rao R Maanay, Trustee, BNM Charities and Secretary, BNMEI introduced all the members of the Academic Council of BNMIT.

Dr. S. Sadagopan, Advisor BNMIT addressed the Council and extended his warm wishes for attaining the autonomous status and hoped that the new scheme and syllabus will help the institution to achieve greater heights. The Council members were introduced to the institution and its activities through a video presentation.

The Chairperson requested all the members to deliberate on the given agenda.

1. Academic and Examination regulations of BNMIT (Autonomous)

The Academic and Examination regulations for the autonomous status of BNMIT were discussed and as the details of the same needs to be aligned with those of VTU, it was proposed to wait for further information from the University as the regulations are under the process of revision.

Resolution: It was proposed to finalize the Academic and Examination regulations in the next Academic Council meeting.

2. Deliberation and finalization of Scheme and Syllabus of first year UG and PG

Dr. S. Y Kulkarni, Addl. Director, BNMIT mentioned about the best practices in the institute and gave a brief insight into the UG and PG courses, highlighting the points taken into consideration while framing the scheme and syllabus. He gave insight on aspects such as life skills, life-long skills and technical skills. He further explained about the bifurcation of the courses into Professional Core Courses (PCC), Professional Core Integrated (PCI) and Project Based Learning (PBL- comprehensive course), giving more weightage to the practical component.

Prof Eishwar N Maanay, Dean BNMIT mentioned that practical component is substantially increased to ensure that students attain practical knowledge and be ready to take up the industry related challenges. He also mentioned that a finishing course will be planned to focus on fine tuning technical & non-technical skills for overall development of the students.

Dr. Iqbal Ahmed, Invitee informed the external academic council members that BNMIT is already involved in Institutional Social Responsibility. The students are trained to become good human beings along with being good engineers. He mentioned that they have also included Humanities in the curriculum to give the students an opportunity to develop their overall personality.

Dr. Deepa H.R., HOD Physics Department presented the scheme and syllabus of first year for deliberation and finalization. Following are the recommendations/suggestions given by the

invited academic council members:

Dr. S. S. Injaganeri, Principal, BEC, Bagalkot suggested that, Engineering Mechanics will encourage analytical thinking in the IT students. It is important to keep that subject in first year. He recommended to include Mechanics in the Civil engineering modules. He suggested that 20 credits be allotted for all the semesters after due clarification from the University. He recommended that all books for professional and open elective courses be considered as reference books only. He suggested to have one common slot in the master time table for open electives, so that other department students will be able to take up the electives. He also suggested to encourage alumni and people from industry to take few courses to bridge the gap between industry and academics. On the whole he appreciated the Scheme and Syllabus.

Dr. M. U. Aswath, Principal, BIT, Bangalore recommended that conventional teaching be gradually replaced by experiential learning. The tutorial and practical components should be clearly defined and the necessary infrastructure be made ready. The integrated lab should focus on applications of concepts as per the specific branch to induce interest in the field of the particular branch of engineering by other branch students and make learning comprehensive irrespective of their branch of study.

Dr. H.R. Sudarshana Reddy, Head-Dept. of EEE, VIAT, Bangalore suggested that the syllabus should focus on strengthening the basic concepts which would strengthen their R & D in the company they are placed, so that students will be adaptable to the changing needs of the industry. The entire preparation for autonomous and academic council meeting was appreciated.

Dr. H.S. Sundara Murthy President, FENFE Metallurgicals recommended that open book examination may be encouraged as students are more informed and intelligent, thereby adapt to changes faster. He also suggested to introduce and encourage entrepreneurship among students.

Dr. Ramakanth Kumar P, HOD, Dept. of CSE, RVCE suggested to adhere to the guidelines and structure given by VTU, since the degree will be awarded by the University. Semester End Examination shall be mandatory for courses carrying even one credit. Electives may be taught by the industry persons and certified through an external professional organization. The examination rules and guidelines should be framed bearing the legal consequences in mind.

Mr. Yashvanth N N, R&D Section Manager, Aruba, HP, Bangalore suggested that the scheme and syllabus should meet the three objectives- securing a job, pursue higher studies or be an entrepreneur. He insisted that Physics syllabus should be framed taking into account the assembly of the nanochip and suggested to hold a discussion with industry experts in the domain of Physics to emphasize its importance. He also suggested having one digital platform to be used to bridge the gap between industry and academia. He recommended that collaboration with Venture Capitalists for Startups to help in establishing startups in the campus, to encourage internship and projects for students. He was highly appreciative that offering 6 months internship is good for the students to learn in the company and get absorbed in the industry. He recommended that the courses offered under MOOCs as

electives should be certified by external certifying authorities. He also suggested to hold more workshops for open elective courses.

Mr. Mohith Prabhu, Alumnus, Team Leader, MathWorks suggested to include Program debugging, as it is important for students to understand the programming courses better.

The following were few general suggestions given during the deliberations:

- At the end of the 4th year the student should be able to get the required number of credits to be awarded with the degree as per VTU regulations.
- The ethics and morals should be inculcated into the students along with awareness and care for environment and basic resources of air, water and food through the Humanities and Liberal Arts Departments.
- As per the NEP guidelines strengthening basic fundamentals along with creative thinking will make students learn the subjects with interest.
- Maintaining the integrity and sanctity in assessment process is very important.
- Collaborate with other autonomous institutions to share information and grow together.
- The staff should take up the research work, publish papers, participate in competitions and file patents and copyrights.
- To frame the autonomous syllabus, keep in mind the structure and syllabus of the VTU.
- The students prefer autonomous colleges; ensuring integrity among the teachers will make the autonomous institution a success.
- The faculty are the pillars of the institution and care should be taken that they are happy to work.

Resolution: The Academic council, after detailed deliberations, approved the scheme and syllabus of the I year UG and PG programs (Autonomous). As this being the first year of autonomy, and there may be a need to fine tune the scheme and syllabus of I year (including some of the suggestions made in this AC meeting), before its implementation. The members of the council consented for modifications as may be necessary and appropriate in the above scheme and syllabi with the approval of the Chairperson of the Academic council. However, the same may be brought before the next Academic council meeting for ratification.

3. Deliberation on scheme for higher semesters

HODs of various departments presented the scheme for higher semesters which included Open electives and Professional electives. As a model curriculum to know the scheme adopted in framing the curriculum, a sample presentation was made by one of the departments and the Chairperson informed the members that the overall structure of scheme of all the departments followed the same pattern. The members informed that they had gone through the scheme of all the departments as it was circulated through email well in advance.

Resolution: The Academic council, after detailed deliberations, approved the scheme of the higher semesters of UG and PG programs (Autonomous). As decided for the I year scheme and syllabus, the members of the council consented for modifications as may be necessary and appropriate in the scheme with the approval of the Chairperson of the Academic

council. However, the same may be brought before the next Academic council meeting for ratification.

4. Nominees for Board of Studies

Dr. Bindu S, Professor Dept of ECE presented the list of BOS members (Academic Council nominees) to be ratified by the Academic Council. Dr. S. S. Injaganeri, Principal, BEC, Bagalkot suggested to add BOS members from IITs, if possible. The Chairperson assured that they would make an effort to add such members.

Resolution: The nominees for the BOS were ratified.

5. Board of Examination

Dr. Bindu S, Professor Dept of ECE in order to manage the examination related activities, informed that a Board of Examination has been formed by taking faculties from various departments as coordinators. This Board of Examinations was presented to the Academic Council for information and necessary approval.

Resolution: The Academic Council approved the Board of Examination.

6. Concluding remarks

The members of the Academic Council were satisfied and happy with the deliberations on the scheme and syllabi presented. The external members were happy to see the active participation of the management in the Academic Council.

7. Vote of Thanks

The meeting concluded with a Vote of Thanks proposed by **Prof. T J Ramamurthy, Director BNMIT.**


Prepared by



15/11/2021

Dr. Bindu S
Member Secretary

Approved by



15/11/2021

Dr. Krishnamurthy G N
Chairperson