

B.N.M. Institute of Technology

An Autonomous Institution under VTU, Approved by AICTE

Department of Mechanical Engineering

Minutes of the Meeting

Meeting Details	First BOS Meeting
Date	: 23.10.2021
Time	: 10.30 am to 12.30 pm.
Venue	: Seminar Hall-A215, BNMIT

Members Present	<ol style="list-style-type: none">1. Dr. B. S. Anil Kumar2. Dr. H.N.Narasimha Murthy3. Dr.M. R. Ramesh4. Dr. K.S. Narayanaswamy5. Mr. V. Sudarshan6. Mr. Sharath Chandra7. Mr.Mithun H. A.8. Mr.PrafulS. Kumar9. Dr. D. Shivalingappa10. Dr. Raghavendra N.11. Dr. Saravanan V.12. Dr. H.S. Kumarswamy13. Sri. Mahendra Kumar C.14. Sri. Karthik S. R.15. Sri. BapuGowda C. M.
Members Absent (Reasons)	NIL

Agenda	<ol style="list-style-type: none"> 1. Welcome address 2. Introduction 3. Presentation of scheme and syllabus of 1st year Mechanical Engineering courses 4. Presentation of scheme from 3rd to 8th semester 5. Best practices in curriculum design 6. Any other suggestions to the department 7. Concluding remarks by member secretary
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Proceedings of the meeting
<ul style="list-style-type: none"> • The first board of studies meeting of Mechanical Engineering was held on 23/10/2021 at Seminar Hall-A215 (Auditorium block) to discuss scheme and syllabus for first year B.E., Mechanical Engineering subjects – Basic Engineering Science, Engineering Graphics & Design and Innovation and Design Thinking. • Dr. B.S. Anil Kumar, HoD, welcomed the members to the first BOS meeting and placed the agenda for the deliberations of the members. • The deliberations and suggestions from the members are detailed as follows:

Recommendations/Suggestions from the BOS Members	Action taken report(ATR)
Dr. H. N. Narasimha Murthy (VTU Nominee)	Add pre-requisites for the complete course instead of specifying module wise pre-requisites.
	As per the recommendation, pre-requisites are specified for the entire course.
	Include topics on conversion of orthographic projections to isometric projections and vice versa in the subject Engineering Graphics & Design.
	Topics on conversion of orthographic projection to isometric projection and vice versa are included.
	Consider renaming of the course “Engineering Graphics & Design” suitably.
	The course name is retained as “Engineering Graphics & Design” which is in-line with the recommendations of AICTE Model Curriculum.

	Revise the course content according to the number of contact hours available in the semester.	Course content is re-examined and necessary modifications are made based on the number of teaching hours.
	Include practical case studies for the course “Innovation and Design Thinking”.	Case studies are included wherever deemed necessary.
Dr. M. R. Ramesh (Subject Expert from Outside University)	Add pre-requisites for the complete course instead of specifying module wise pre-requisites.	As per the recommendation, pre-requisites are specified for the entire course.
	Revise the course content according to the number of contact hours possible in the semester.	Course content is re-examined and necessary modifications are made based on the number of teaching hours.
	Add basic parts of machine tools for the course “Basic Engineering Science”.	As per the recommendation, topics on the basic principle of machine tools and its operations are included.
Dr.K.S.Narayanaswamy (Subject Expert from Outside University)	Add pre-requisites for the complete course instead of specifying module wise pre-requisites.	As per the recommendation, pre-requisites are specified for the entire course.
	Consider assessment of self-learning component in CIE.	It is proposed to assess the self-study component as a part of CIE under assignment section.
	Consider renaming of the course “Engineering Graphics & Design”.	The course name is retained as “Engineering Graphics & Design” which is in-line with the recommendations of AICTE Model Curriculum.
	Include conventional machining operations using lathe, drilling and milling machines in the course “Basic Engineering Science”.	As per the recommendation, topics on the basic principle of machine tools and its operations are included.
	Modify the course content	Course content is re-examined

	based on the number of contact hours possible in the semester.	and necessary modifications are made based on the number of teaching hours.
Mr. V. Sudarshan (Industry Expert -1)	Plan industry visits for students according to their year of study.	As per the recommendations the industrial visits for each semester will be planned based on the courses in the respective semester
	Add industry visits in the regular course content.	
	Arrange guest lectures by industry experts on advanced topics.	The guest lecturers will be organized from the industry experts.
Mr. Sharath Chandra (Industry Expert -2)	Appreciated the use of software tool-Solid Edge for the course "Engineering Graphics & Design".	
	Maintain the link between successive modules.	Course contents are structured by considering the link between each module.
	Include hands on sessions on turning, milling and drilling operations before teaching CNC part programming.	Live demonstration of various operations using conventional and CNC machine tools are already in practice for the first year students.
Mr. Mithun H.A. (PG Meritorious Alumnus)	Modify the course content based on the number of contact hours available in the semester.	Course content is reexamined and necessary modifications are made based on the number of teaching hours.
	Show video demonstrations on application of various machine tools used in industries.	The teaching pedagogy already includes video demonstrations.
Mr. Praful S. Kumar (PG Meritorious Alumnus)	Incorporate application oriented problems in the curriculum.	Efforts are made to include practical case studies/ applications wherever deemed necessary.
	Design courses with a focus on fundamental concepts.	Course contents are selected with a balance between fundamental concepts and applications.

**Concluding Remarks
by Member
Secretary**

Dr. Raghavendra N., Professor, Dept. of M.E. thanked all the BOS members for their constructive suggestions. He assured the members that all of their suggestions would be suitably considered. The meeting was concluded with a vote of thanks.



Photo: Members of BoS, deliberating on the course content.

From Right to Left: Mr.Mithun H.A., Mr.V.Sudarshan, Dr. H.N. Narasimha Murthy, Mr.Sharath Chandra, Dr. B.S.Anil Kumar



Photo: Members of BoS, deliberating on the course content.