

Department of Mechanical Engineering

1st External Board of Studies Meeting:

Date: 09-01-2021 (Saturday)

Zoom Meeting Link

<https://us04web.zoom.us/j/78645819254?pwd=VHJlbURDbkFwd3UwUFhIQ3dqK1dpdz09>

Agenda of Meeting

1. Introduction of BOS members
2. Brief introduction of Institute and department
3. Course Structure of B.Tech – Mechanical Engineering
4. Proposed Syllabi for Semester –I and Semester –II Courses
5. Course Structure of M.Tech – Thermal Engineering
6. Proposed Syllabi for Semester –I and Semester –II Courses
7. Teaching and Evaluation Techniques
8. Appointment of Examiners and Quality of Question Papers
9. Research and Development activities
10. Any Other

Minutes of the Meeting

The first External Board of Studies Meeting held on 9th January, 2021 at 11:30 a.m. in the seminar hall, Block-II, Department of Mechanical Engineering through Zoom online meeting platform.

Dr. K. R. Mohan Reddy, Professor, Head of the Department, chaired the meeting and welcomed and introduced all the members to the first BOS meeting. He also introduced the Academic staff of Department of Mechanical Engineering, Nadimpalli Satyanarayana Raju Institute of Technology (A).

At the outset, he informed the members about the academic activities and newly introduced courses in Department of Mechanical Engineering, Nadimpalli Satyanarayana Raju Institute of Technology (A). Having confirmed the quorum of the meeting, the agenda of the meeting was taken up for discussion. The following points were discussed during the meeting:

Sl. No	Points Discussed	Action Taken Report (ATR)
1.	Dr. B. Bala Krishna mentioned the title “Engineering Workshop and IT Workshop” instead of Engineering workshop practise laboratory.	Modified in course curriculum
2.	Dr. V. Pandu Ranga suggested to include Vector Mechanics for Engineers: Statics and Dynamics by Ferdinand Beer, E. Russell Johnston, Jr., David Mazurek, Mc-Graw Hill Publications in textbook list for Engineering Mechanics subject.	Included in prescribed textbook list.

3.	Dr. Satish Ben mentioned to change the title CNC Milling as Part Programming in machining centre under Skill Oriented Courses.	Accepted the modification.
4.	Dr. B. Bala Krishna mentioned to modify the title ANSYS laboratory as Analysis Laboratory under Skill Oriented Courses	Received the modification.
5.	Dr. V. Pandu Ranga suggested to alter the title "Computation Fluid Dynamics Practise" as "Advanced Finite Element Methods on Fluent"	Acknowledged.
6.	Dr. C.V. Sri Ram suggested, conduct classes on industrial requirement by observing in and around the Visakhapatnam for coming 2 to 3 years. Thereafter can establish direct MoU with those industries	Instructed by chairman, i.e. Action plan to be ready by DAC.
7	Dr. B. Bala Krishna and Dr. V. Pandu Ranga mentioned to continue with assignments, unit tests and continuous evaluation on students	Modified in course curriculum and incorporated unit tests.
8.	Dr. B. Bala Krishna voluntarily announced to assist in "Appointment of examiners and quality question papers" which is crucial in autonomous status	Department and Examination Cell need to be in touch with Dr.BalaKrishna.
9.	Dr. Satish Ben welcomed, department of mechanical engineering with Research and Development activities in collaboration with NIT Warangal	Pleasure to receive his kindness and to be discuss in DAC.
10.	Dr. B. Bala Krishna mentioned the title "Automotive Engineering" instead of Advanced Automobile Engineering	Modified in course curriculum
11.	Dr. C.V. Sri Ram suggested, Add Heat Exchangers Experiment in the M.Tech Thermal Engineering Lab-II	Received the modification.
12.	Dr. Satish Ben suggested to give importance to seminars under the main project work of M.Tech programme	Accepted the modification and to be included in course curriculum.
13	Mr. Sharath Chandra suggested to give importance to attain practical knowledge	Accepted positively.

Members Attended:-

S.No	Name of the Member & Affiliation	Nomination	Signature
1	Dr. Panduranga. Vundavalli Associate Professor Dept. of ME, IIT, Bhubaneswer e-Mail: pandu@iitbbs.ac.in , Mobile: 9776219149	Member (Academician)	
2	Dr. Satish Ben Associate Professor Dept. of ME, NIT Warangal e-Mail: satishben@nitw.ac.in , Mobile: 9848065254	Member (Academician)	
3	Dr. B. Bala Krishna Professor & Principal Dept. of ME, University College of Engineering, JNTUK, e-Mail: balakrishnajntu06@gmail.com , Mobile: 8978618555.	Member (nominated by University)	
4	Dr. C.V. Sriram CEO, Perfect Industries, Vijayawada e-Mail: chinthamaneni@gmail.com , Mobile: 9848921503	Member (Industry)	
5	Mr. G. Sarath Chandra Design Engineer, Infosys Ltd e-Mail: gschandra.007@gmail.com , Mobile: 9441219183	Member (Alumni)	
6	Dr. K. R. Mohan Reddy Professor & Head	Chairman	

Faculty Members Attended:-

1	Dr. S. V. Uma Maheswara Rao	Member(Faculty)	
2	Dr. V. V. Ravi Kumar	Member(Faculty)	
3	Dr. P. N. E. Naveen	Member(Faculty)	
4	Mr. Ch. V. V. S.S. R. Krishna Murthy	Member(Faculty)	
5	Mr. K. Ram Prasad	Member(Faculty)	
6	Mr. P. Kiran	Member(Faculty)	
7	Mr. S. Sanyasi Rao	Member(Faculty)	
8	Mrs. B. Usha Rani	Member(Faculty)	

9	Mr. J. Suresh Kumar	Member(Faculty)	
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The attached syllabi of the bellow courses are approved offering by the **Department of Mechanical Engineering**

1. Engineering Drawing
2. Computer Aided Engineering Drawing
3. Engineering Mechanics
4. Engineering Workshop / IT workshop

The members had a brainstorming discussion and interaction among themselves. After discussion, fruitful suggestions were incorporated appropriately in the Curriculum and Syllabi. Based on the suggestions given by the members, BOS resolved to recommend the above to the Academic Council for further approval.


Chairman BOS

Department of Mechanical Engineering