



19 July, 2019

DEPARTMENT OF MECHANICAL ENGINEERING
BOS MEETING

AGENDA

1. To discuss the curriculum structure and detailed syllabi of First Year Engineering Programme.
2. To discuss the curriculum structure of II, III and IV year Engineering Programme.
3. To discuss the curriculum structure of M.Tech (MD).
4. To discuss the modalities of UG and PG evaluation.
5. Any other matter with the permission of the Chair.

LIST OF MEMBERS ATTENDED

| S.No. | Name of the Faculty | Designation | Responsibility | Signature |
|-------|--|--|----------------|------------------|
| 1 | Dr. K. Satyanarayana | Professor & Head | Chairman | |
| 2 | Dr. N. Mohan Rao JNTUK Nominee | Professor & Controller of Examinations, JNTUK | Member | ABSENT |
| 3 | Dr. S. Sambhu Prasad Academic Council Nominee | Principal & Professor, Dept. of ME, Pragathi Engg, College, Surampallem | Member | PRESENT |
| 4 | Dr. B. Raghukumar Academic Council Nominee | Professor & Head, Dept. of ME, PVPSIT, Vijayawada | Member | |
| 5 | Dr. M. Nageswararao Industry Nominee | Managing Director, Bharat Building Systems | Member | M. Nageswararao |
| 6 | Dr. R. Naveen | Professor | Member | |
| 7 | Dr. T. Srinivasa Rao | Professor | Member | |
| 8 | Dr. M.K.M. Farooqui | Professor | Member | |
| 9 | Mr. P.V.S.M. Kumar | Assoc. Professor | Member | ABSENT |
| 10 | Mr. K. Venkateswara Rao Alumini | Trainer ,Design-Tech | Member | |
| 11 | Dr. R. Eswaraiyah Dept. of CSE | Professor & Head | Member | |
| 12 | Dr. A.V. Naresh Babu Dept. of EEE | Professor & Head | Member | A.V. Naresh Babu |
| 13 | Dr. M. V. Raghu Ram Dept. of S&H | Professor & Head | Member | ABSENT |
| 14 | Sri T. Srinivasa Rao T&P | Professor | Member | |

Head of the Department
Mechanical Engineering
Vasireddy Venkatadri Institute of Technology
NAMBUR (V), PEDAKANI (M), GUNTUR (DR.)

Department of Mechanical Engineering

Minutes of Board of Studies Meeting

Date: 19th July 2019

The first Board of Studies Meeting of the Department of Mechanical engineering held on 19.07.2019 in HOD's chamber at 9:30 a.m.

At the onset the Chairman of BOS, Dr.K.Satyanarayna, welcomed all the members and introduced internal BOS members to external BOS members. The meeting began with presentation of proposed curriculum by chair.

General Comments

1. Dr.B.Raghu Kumar opined that more emphasis must be given towards emerging trends in fields such as Automobiles – Hybrid – driverless and advanced in the proposed curriculum.
2. Mr.M.Nageswararao Inquired about inclusion of online credit courses to strengthen self learning ability among students.
3. Dr.R.Naveen inquired about quality of projects and internships. Moreover he opined that internships should not affect regular course work.
4. Dr.B.Raghu Kumar questioned about promotion and condonation procedures. Dr. P.Ammi Reddy explained the norms being followed at VVIT.
5. Dr.A.V.Naresh Babu recommended inclusion of a mandatory assignment with exercise problems from renowned text books to strengthen the problem solving ability of students.
6. Mr.M.Nageswararao once again emphasized on improving skills in professional domains and branch specific areas to promote industry ready competency among learners.
7. The contents of Physics, chemistry and basic electrical engineering are to be selected to support core subjects in the particular discipline.
8. Members have discussed about possibilities of keeping only project work in the 8th semester without any course work.

Curriculum related Comments

1. Members expressed their opinion that Basic Electrical Engineering subject should cover DC electrical circuits extensively.

2. Dr.M.K.M Farroqui suggested conducting a slip test once in every 2 weeks in each subject.
3. Dr.K.Satyanarayana suggested communicative English lab – 2 has to be included in 2nd semester in order to strengthen the professional skills of learners.
4. Dr.A.V.Naresh Babu proposed to introduce induction motors in Basic Electrical Engineering.
5. Dr.R.Naveen advised to change manual engineering drawing to engineering drawing with AUTOCAD as a basic course.
6. Dr.R.Eswrarayya advised to include python programming as a Engineering science course.
7. Members of BoS have unanimously agreed to name as Applied Thermodynamics instead of Thermal engineering –I in 3rd Semester.
8. The syllabus of Thermodynamics is to be downsized as per the advice of Dr.T.Srinivasa Rao
9. After due deliberations, the BoS members agreed to down sized Engineering Mechanics.
10. As far as the subject on Applied Thermodynamics is concerned, Dr. T.Srinivasa Rao has advised that a content like compressible fluids is required which will be helpful to the students appearing for GATE.
11. Dr.K.Giri Babu suggested that the students have to concentrate more on Internet of Things. Accordingly, it is included as Engineering science course.
12. It was also advised to establish a separate laboratory on IoT and include it in the curriculum.
13. Projects are to be introduced at appropriate semester.

The following resolutions are approved.

Agenda 1: To discuss and finalize the course structures of B.Tech of R19 (Autonomous) Regulations.

Resolution: Course Structure of B.Tech programme of R19 (Autonomous) Regulations is approved by BoS.

Encl: Annexure –I

Agenda 2: To discuss and finalize the course Contents of proposed Ist B.Tech of R19 (Autonomous) Regulations.

Resolution: After Consultations with CSE, S&H, EEE departments and as per the suggestions of BoS experts course contents of First Year B.Tech of R19 regulations are approved.

Encl: Annexure-II

Agenda 3: To discuss and finalize the course Contents of structures of proposed II, III and IV year engineering programme of R19 (Autonomous) Regulations.

Resolution: As per the suggestions of BoS members, proposed II, III and IV year course contents of R19 regulations are finalized.

Encl: Annexure -III

Agenda 4: To finalize the broad contents of all the courses in M.Tech (Machine Design)
Resolution: Broad Contents of all courses in proposed M.Tech (Machine Design) and R19 regulations, are finalized.

Encl: Annexure -IV

Agenda 5: To discuss the modalities of UG and PG evaluation.

Resolution: After due deliberations the internal evaluation pattern is finalized.

Agenda 6: Any other matter with the permission of the chair.

Resolutions: It is resolved to arrange for the preparation of syllabi of various courses in B.Tech and M.Tech Programs as per the finalized broad contents of the courses.



(BoS Chairman)
Dept. of Mechanical

Head of the Department
Mechanical Engineering
Vasreddy Venkateswari Institute of Technology
NAMBUR (V), Padakavani (M.D.)