

BAPATLA ENGINEERING COLLEGE, BAPATLA

Date: 20 July 2018

Minutes of meeting of Board of Studies in Mechanical Engineering of Bapatla Engineering College, Bapatla held on 20th July 2018 (Friday) in the CAD Lab, Mechanical Engineering Department, Bapatla Engineering College, Bapatla

Following Members were present:

- 1) Dr. T.Nanchariah
- 2) Dr. Seshadri Sekhar.A
- 3) Dr. Krishnanand Lanka
- 4) Dr. B.Raghava Rao
- 5) Dr.M.P.Chakravarthy
- 6) Mr. M.Prasanna Kumar
- 7) Faculty members of Mechanical Engineering Department

Agenda

- 1) **Revision of course structure of R18 curriculum for B. Tech (Mechanical Engineering) offered by Bapatla Engineering College, Bapatla (Autonomous).**
- 2) **Finalization of Curriculum structure and courses**

Prof. (Dr) T. Nancharaiah (HOD) chaired the meeting and welcomed all the members to the first BOS meeting and also introduced the expert member.

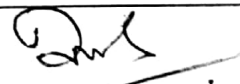
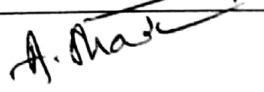
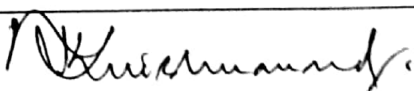
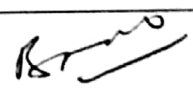
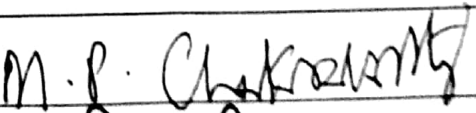
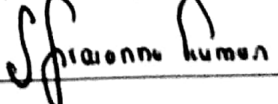
At the outset, he informed the members about the outlines of newly introduced R18 course structure, the agenda of the meeting was taken up for discussion. The following points were discussed during the meeting:

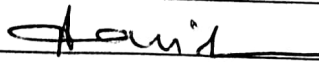
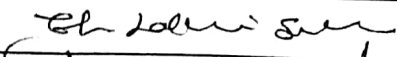
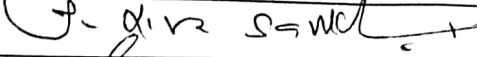
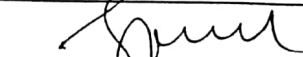
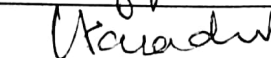
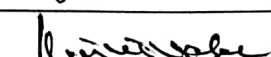
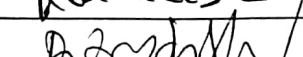
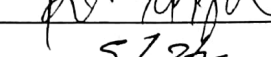

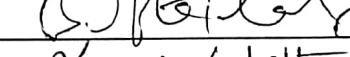
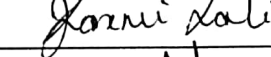
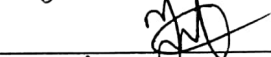


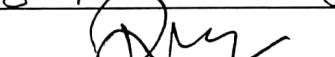

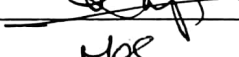
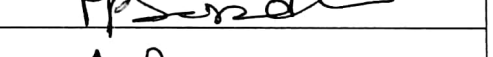
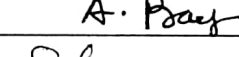
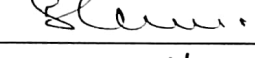
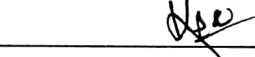
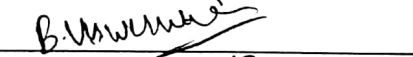


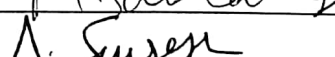
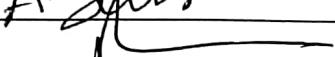
- 1) The discussion was made on proposed curriculum prepared from benchmarking and programme review committee reports.
- 2) It is proposed to incorporate the extracurricular activities like NCC/NSS etc. in the first semester with zero credits.
- 3) It is proposed to include professional ethics course in the 2nd semester with 3 lecture hours and 2 credits.
- 4) It is proposed to incorporate a core course titled "Engineering Economics and Accountancy" with 2 credits in the 3rd semester.
- 5) It proposed to incorporate Constitution of India course with 2 lecture hours and zero credits in 3rd semester.
- 6) It is proposed to include Essence of Indian Traditional knowledge in the 4th semester with 2 lecture hours and 0 credits in place of 5th subject.
- 7) It is proposed to incorporate a course Industrial Engineering and Management in the 5th semester with 3 credits.
- 8) It is proposed to bring the course Operations Research in the Elective – 1 offered from 5th semester itself. The other subjects under Elective being Power Plant Engineering and Composite Materials.
- 9) In the 6th semester it is proposed to introduce Elective – 2 with subjects Finite Element Analysis, Computational Fluid Dynamics and Mechatronics.


- 10) In the 7th semester, it is resolved to rename the subject Instrumentation and Control with Instrumentation and Measurements.
- 11) It is resolved to include internship with 2 credits for evaluation in the 7th semester.
- 12) It is resolved to include Elective – III with subjects Fluid Power and Control Systems, Refrigeration and Air Conditioning and Computer Aided Design in the 7th semester.
- 13) It is further resolved to reduce the number of credits in 8th semester from 23 to 17 by having 2 electives (Elective – V and Elective – VI) and an Open Elective -II along with project -II.
- 14) The courses under Elective -5 are Mechanical Vibrations, Robotics, Automobile Engineering and Process Planning & Cost Estimation.
- 15) The courses under Elective – 6 are Total Quality Management, Advanced Manufacturing Processes, Supply Chain Management and Entrepreneurship Development.
- 16) Further it is resolved to offer 4 courses under Open Electives to the other branch students by the Mechanical Engineering Department. The subjects proposed are Fluid Power and Control Systems, Industrial Management and Entrepreneurship Development, Non – Conventional Energy Resources Automobile Engineering.
- 17) The total number of credits are 165 for the entire B. Tech(Mechanical Engineering) program with semester wise breakup as follows:

Semester	Credits
Semester – I	20
Semester – II	20
Semester – III	21
Semester – IV	20
Semester – V	22
Semester – VI	21
Semester – VII	24
Semester – VIII	17
Total:	165

Signatures of BoS Members:

1	Dr. T.Nanchariah	
2	Dr. Seshadri Sekhar.A	
3	Dr. Krishnanand Lanka	
4	Dr. B.Raghava Rao	
5	Dr.M.P.Chakravarthy	
6	Mr. M.Prasanna Kumar	

7	Dr. B. Ravi Sankar	
8	Dr. Ch. Lakshmi Srinivas	
9	Sri.T.Siva Sankhar	
10	Sri.G.Kantha Prasad	
11	Sri.K.Prasad Rao	
12	Sri.K.Srinivasa Rao	
13	Sri.P.Uma Maheswara Rao	
14	Sri.S.Vijay	
15	Sri.B.I.Hussain	
16	Dr. Smt. J.Laxmi Lalitha	
17	Sri.Y.Naredra Babu	
18	Sri.S.Krugon	
19	Sri.S.Ravi Kumar	
20	Sri.D.Vijay Praveen	
21	Sri.K.Raja Sekhara Babu	
22	Sri.M.Pardha Saradhi	
23	Sri.A.Praveen	
24	Sri.V.Srinivasulu	
25	Sri.K.Seshagiri Rao	
26	Sri.B.Visweswara	
27	Sri.Sk.A.Rahim	
28	Sri. M.Subrahmanyam	
29	Sri. A.Suresh	
30	Sri Ch. L. Pruthvi Raz	
31	Sri Raghunatha Reddy. G	
32	Dr. Ms. Saumya Shah	


Dr. T. Nancharaiah

Chairman, BOS of Mechanical Engineering