BAPATLA ENGINEERING COLLEGE, BAPATLA

Date: 17 June 2019

Minutes of meeting of Board of Studies in Mechanical Engineering of Bapatla Engineering College, Bapatla held on 17th June 2019 (Monday) at the Main Building Seminar Hall, *Bapatla Engineering College, Bapatla*

Following Members were present:

- 1) Dr. T.Nanchariah, Professor & Head
- 2) Dr. Krishnanand Lanka, Professor NITW
- 3) Dr. B.Raghava Rao, Professor, VRSEC
- 4) Dr.M.P.Chakravarthy, Manager (SRC), Hindustan Shipyard Limited
- 5) Mr. M. Prasanna Kumar, CGM, NTPC Limited
- 6) Faculty members of Mechanical Engineering Department

Agenda

- Amendments to the course structure of R18 curriculum for B. Tech (Mechanical Engineering) offered by Bapatla Engineering College, Bapatla (Autonomous).
- 2) Revision of total number of Credits (167 instead of 165)
- 3) Finalization of the course syllabus
- 4) To amend the prerequisites for Engineering Mechanics I and Engineering Mechanics-II to None.

Prof. (Dr) T. Nancharaiah (HOD) chaired the meeting and welcomed all the members to the second BOS meeting.

At the outset, he informed the members about the agenda of the meeting. The following points were discussed during the meeting:

- The discussion was made on the proposed amendments to the earlier approved course structure of R18 curriculum based on the minutes of departmental committee meeting held on 02-05-2019 (Ref: BEC/MECH-D/2018-19(II)/26).
- It is proposed to revise total number of credits to 167 instead of 165 with respect to the earlier amendments mentioned to the course structure of R18 curriculum.
- 3) It is proposed to finalize the III & IV semester course syllabus (Annexure-I).

- 4) It is proposed to amend the prerequisites for Engineering Mechanics-I and Engineering Mechanics-II to None.
- 5) It is suggested that mandatory courses professional ethics and environmental studies need not to have credits.
- 6) It is proposed to reshuffle some of the electives and core subjects.
- 7) It is advised to reduce the total number of credits of the professional core subjects by changing few of them into open electives.
- 8) It is proposed to look for possibility of transfer and modify core subjects like Strength of Materials-II, IC Engines & Gas Turbines and Operations Management into electives in tune with the AICTE guidelines.
- 9) It is suggested to revise the credits of Industrial Engineering & Management and Engineering Economics
- 10) It is advised that CAD subject can be renamed as geometric modeling and can be brought into engineering science.
- 11) It is advised that subjects like Additive manufacturing, Electrical & Hybrid vehicles can be introduced in Electives.
- 12) It is advised to incorporate latest systems in Environmental studies subject.
- 13) It is proposed to introduce choice based credit system (CBCS).
- 14) It is suggested to relax some credits in the total no. of credits to be acquired to obtain the degree.

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35.	Sri Raghunatha Reddy. G	
36.	Dr. T K Mahanta	W.

Dr. T. Nancharaiah

Chairman, BOS of Mechanical Engineering