



Bapatla Engineering College

(Autonomous)

Mahatmaji Puram, BAPATLA-522102, Guntur (Dt.), A.P., INDIA

Sponsored by the Bapatla Education Society

Approved by AICTE :: Affiliated to Acharya Nagarjuna University

Estd.1981

REF: BEC/EIE/BOS/2022/A1/11

DATE: 09 July 2022

**MINUTES OF THE BOARD OF STUDIES MEETING
IN
ELECTRONICS AND INSTRUMENTATION ENGINEERING
HELD ON 09-07-2022**

The meeting was started at 10Am on 9th July 2022 and the esteemed members were present in an online mode for the department of EIE . The chairman after welcoming the BOS members, presented the scheme and syllabus for 3rd year 5th and 6th semesters of R20 regulation and discussed about the changes made in the syllabi from R18 syllabi where it was framed as per the recommendations of the APSHE. The chairman welcomed all suggestions from the BOS members for the betterment of the syllabus.

- 1. Discuss about the schemes and syllabus for 3rd year and 4th year R20 regulation of BEC in line with the suggestions given by APSHE.**

The chairman presented the schemes of 3RD YEAR 5TH semester & 6TH semester.

The chairman highlighted the differences between the R18 and R20 regulations and syllabus.

It is proposed to have Job oriented courses, Skill advanced course and Mandatory non credit courses in the new curriculum as per the guidelines given by the APSHE. The same was introduced in the new syllabus.

- 2. Suggestions for skill oriented courses**

- a) In place of skill advanced courses Dr. G. Srinivasulu, Professor, ECE Department , SVU College of Engineering, Tirupati. has suggested to have PLC as one of the course and advised such that the student must be able to complete mini project before



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the completion of the course so that the student is industry ready.

- b) Dr. G.N.Swamy, Prof. & H.O.D. VRSEC, Vijayawada and Mr. S.Ravi Kumar , AGM , Hetero Drugs Ltd., Hyderabad. suggested to include the course on NI's Virtual Instrumentation as Skill Advanced course which is beneficial to the students.

With reference to the suggestion by Dr. G.N.Swamy, Prof. & H.O.D. VRSEC and Mr. S.Ravi Kumar , AGM , Hetero Drugs Ltd. the course on Virtual Instrumentation and Concern Lab is included in the syllabus as a regular course and is framed as per the aspirations of the members and also to meet the needs of the industry.

The chairman and all the members welcomed and agreed to the above suggestion.

3. Discussed about Job Oriented courses for EIE

- a) Mr. T.Ravi Chandra, SDE, INTEL, Bangalore suggested to include the course on Analysis of Algorithms apart from Data Structures in the pool of Job Oriented course so that the student is ready for the present industrial scenario.
- b) With reference to the above suggestion the course Data Structures using 'C' is introduced in the second year third semester as skill oriented course where we included theory and lab besides that the chairman and all the BOS members welcomed the suggestion and agreed to incorporate the course as suggested for the benefit of the students.

4. Any other matter with the permission of the chair.

- a) In the R20 regulations the student is given a choice to select the Minor courses / Honours courses as per the norms of the APSCHE. In the academic regulation it is mandatory for a student to secure 8 SGPA in each semester to register for the above courses. For the benefit of the students to enter into



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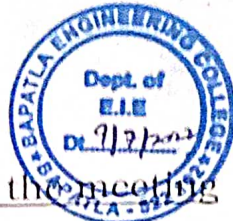
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minor / honours courses, an amendment was made on the rule such that a student must get CGPA as 'B up-to 2nd year 3rd semester instead of SGPA as B in each semester. Further once a student opts for either minor / honours course it is mandatory for a student to maintain consistently SGPA as B in each of the following semesters. If a student fails to get SGPA as B in each semester after opting the minor/honours course then that course automatically will be cancelled.

- b) Mr. S.Ravi Kumar , AGM, Hetro Drugs Limited , Hyderabad has given his consent for providing internships to the limited number of students in the field of Analytical Instrumentation.
- c) The members have given more emphasis on encouraging the students to enhance self development skills in the chosen filed by inculcating the habit of following the online lectures provided by NPTEL, SWAYAM, MOOCS etc.




Ch. Ramesh
Prof. & H.O.D,
Dept. of Electronics & Instrumentation Engineering
BAPATLA ENGINEERING COLLEGE
BAPATLA - 522 102.

Members present during the meeting

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|------------------------|--|-----------------|
| 1. Dr. Sk. Rafi Ahamed | Professor,
E.E.E.Dept.
IIT, Guwahati. | Attended Online |
| 2. Dr.G.N.Swamy | Prof. &H.O.D.
Dept. of E.I.E. VRSEC,
Vijayawada | Attended Online |
| 3. Dr. G.Srinivasulu | Professor,
E.C.E. Dept., S.V.U.C.E.
Tirupati. | Attended Online |
| 4. Sri. S.RaviKumar | Assistant General Manager,
Hetro Drugs limited,
Hyderabad. | Attended Online |
| 5. Sri.T.Ravichandra | Software Development
Engineer, | Attended Online |



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| 6. | Sri.D.Niranjana Babu | Professor,
Dept. of E.I.E., B.E.C. |
| 7. | Smt. J.Venkata Lakshmi | Assoc. Professor,
Dept. of E.I.E., B.E.C. |
| 8. | Sri. B.V.Kumara Syamy | Assoc. Professor,
Dept. of E.I.E., B.E.C. |
| 9. | Sri.M.V.N.Chakravarthi. | Asst. Professor,
Dept. of E.I.E., B.E.C. |
| 10 | Sri. T.Srinivasa Rao | Asst. Professor,
Dept. of E.I.E., B.E.C. |

Prof. Ch. Ramesh

HOD and Chairman BOS

E.I.E. Department.

Copy to:

- Principal
- Dean Academics
- All the BOS members

