



Bapatla Engineering College

(Autonomous)

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

Sponsored by the Bapatla Education Society

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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

June 13, 2020

Minutes of the meeting of Board of Studies in Electrical & Electronics Engineering held on June 13th 2020 at 11.00 AM through ZOOM online meeting, Department of Electrical and Electronics Engineering, Bapatla Engineering College, Bapatla.

Members Present for the Meeting:

1. Dr N. Rama Devi
Professor & Head of the Dept,
EEE Dept,
Bapatla Engineering College
Bapatla-522101
2. Dr. K.Shanti Swarup
Professor, EE Dept,
IIT Madras, Sardar patel Road,
Tamilnadu-600036
3. Dr. K.Siva Kumar
Assoc.Professor, EE Dept,
IIT Hyderabad,
Kandi, Telangana-502285
4. Dr. D.V.S.S. Siva Sarma
Professor, EEE Dept,
National Institute of Technology (NIT)
Warangal-506004.
5. Mr.P.Satyanarayana
Divisional Engineer,
Stage -IV, Instrumentation & Controls,
NTTPS, Vijayawada
6. Dr. K.Srinivas Bhaskar
Asst.Professor, ES Dept,
IIT Bhubaneswar,
Bhubaneswar, Odisha-751013
7. Faculty of the Electrical & Electronics Engg. Dept,

Chairman

Member

Member

Member

Member

Member

Members

8. Dr.G.Ravi Kumar, Professor, EEE Dept., BEC Bapatla. *G.Ravi Kumar*
9. Dr.K.Ramesh, Associate Professor, EEE Dept., BEC Bapatla. *K. Ramesh*
10. Dr.N.Karthik, Assistant Professor, EEE Dept., BEC Bapatla. *N. Karthik*
11. Mr.Ch.Sridhar, Assistant Professor, EEE Dept., BEC Bapatla. *Ch. Sridhar*
12. Mr.G.Rajesh, Assistant Professor, EEE Dept., BEC Bapatla. *G. Rajesh*
13. Smt.K.Kamala Devi, Assistant Professor, EEE Dept., BEC Bapatla. *K. Kamala*
14. Dr.P.Sampath Kumar, Assistant Professor, EEE Dept., BEC Bapatla. *P. Sampath Kumar*
15. Mr.Ch.Hariprasad, Assistant Professor, EEE Dept., BEC Bapatla. *Ch. Hariprasad*
16. Mr.J.Pardha Saradhi, Assistant Professor, EEE Dept., BEC Bapatla. *J. Pardha Saradhi*
17. Dr.B.Vijaya Krishna, Assistant Professor, EEE Dept., BEC Bapatla. *B. Vijaya Krishna*
18. Mr.G.Anil Kumar, Assistant Professor, EEE Dept., BEC Bapatla.
19. Mr.N.Bala Krishna, Assistant Professor, EEE Dept., BEC Bapatla. *N. Bala Krishna*
20. Dr.J.Ravindra, Assistant Professor, EEE Dept., BEC Bapatla. *J. Ravindra*
21. Mr.B.Praveen Kumar, Assistant Professor, EEE Dept., BEC Bapatla. *B. Praveen Kumar*
22. Mr.M.Suresh Babu, Assistant Professor, EEE Dept., BEC Bapatla. *M. Suresh Babu*
23. Smt.M.Nagendra, Assistant Professor, EEE Dept., BEC Bapatla. *M. Nagendra*
24. Mr.M.Siva Rama Krishna, Assistant Professor, EEE Dept., BEC Bapatla. *M. Siva Rama Krishna*
25. Mr.K.Rajendra, Assistant Professor, EEE Dept., BEC Bapatla. *K. Rajendra*
26. Ms.D.Naga Lakshmi, Assistant Professor, EEE Dept., BEC Bapatla.
27. Mr.G.Sai Goutham, Assistant Professor, EEE Dept., BEC Bapatla. *G. Sai Goutham*
28. Mr.P.Karimulla, Assistant Professor, EEE Dept., BEC Bapatla.
29. Mr.M.Ganesh Babu, Assistant Professor, EEE Dept., BEC Bapatla. *M. Ganesh Babu*
30. Mr.S.Subramanyam, Assistant Professor, EEE Dept., BEC Bapatla.
31. Dr.M Dinesh, Assistant Professor, EEE Dept., BEC Bapatla. *M. Dinesh*

Chairman, B.O.S after welcoming the members for the meeting, presented the details of the agenda to the members.

Agenda:

1. To discuss and finalize about the schemes of 3rd & 4th year in R-18 regulations.
2. To discuss and finalize about the syllabi of 3rd & 4th year in R-18 regulations, program elective courses and open elective courses offered by EEE department.
3. To discuss about 1st and 2nd year syllabus amendments & implementations of previous BOS.
4. Any other matters with the permission of BOS

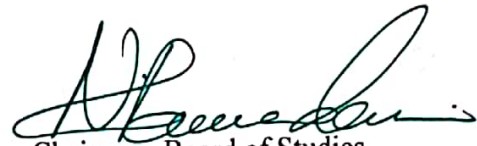
Venue: Zoom online meeting.

The following resolutions were made in the Board of Studies meeting on 13/06/2020 at 2.00 P.M.

- a) It is suggested that the prerequisite for power electronic course should include semiconductor physics and reshuffle the unit 3 and unit 4.
- b) It is resolved to introduce the topics like emotional behavior of students and self-management topics in PE&HV syllabus.
- c) It is resolved to change the content of 4th unit based on application related to category in 18EE601: AI Techniques in Electrical Engineering.
- d) It is resolved to introduce carrier protection and digital protection in 18EE602: Power System Protection course.
- e) It is resolved to change the title of the subject of 18EE604 by Application of IOT in Electrical Engineering and provide practical sessions along with theory.
- f) It is suggested that two more reference books should be added in Electrical power distribution course.
 - a. Power distribution systems by HE Browen
 - b. Electric Power Distribution by A.S. Pabla
- g) It is suggested that the case studies of DSP course should be explained using MATLAB software.
- h) It is suggested that the lab experiments of Power electronics course should be split into two groups.
- i) It is suggested to include high frequency transformer design in unit 2 of Electrical Machine design 18EED21.
- j) It is suggested to reframe the syllabus of 18EED23 due to some repetitions.
- k) It is suggested to remove the static relay topic from the syllabus of 18EED24.
- l) It is suggested to rename the subject 18EED31 as HVDC & FACTS.
- m) It is suggested to rewrite the 4th unit based on Battery energy management in 18EED32 course (Electrical and Hybrid vehicles).

- n) It is suggested to rewrite the 4th unit of 18EED33 course (Line commutated and active rectifiers).
- o) It is suggested to work out the exercise problems using MATLAB in 18EED34 course (Computer aided power systems).
- p) It is resolved to combine the Power Systems Lab-I and II as Power Systems Lab for advantage of students who got advanced placement.
- q) It is suggested to change the institute elective of HVE as Renewable Energy Sources.
- r) It is suggested that course outcomes and course objective are to be defined for laboratory courses also.
- s) It is suggested that all the text books and reference books should be of latest editions.

The chairman of B.O.S thanked the members before concluding the meeting.



Chairman, Board of Studies

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Head, EEE Department
Bapatla Engineering College
Bapatla- 522 101.