



In Pursuit of Global Competitiveness

# Government College of Engineering

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## Department Of Electrical Engineering

Date: 10/4/2021

### Minutes of BoS Meeting

Online meeting of Board of studies was held on 10/4/2021 at 2.00 pm. Following members attended the online meeting.

1. Prof. S. S. Dhamse, Chairman
2. Dr. B. N. Chaudhari (SPIT, Mumbai), Member
3. Mr. Prasad Kokil, Member
4. Dr. V. S. Deolankar, Member
5. Dr. A. A. Bhole, Member
6. Dr. V. A. Kulkarni, Member
7. Dr. N. R. Bhasme, Member
8. Mr. P. S. Swami, Member
9. Dr. N.J. Phadkule, Member
10. Dr. S .M. Shinde, Member
11. Mrs. S. S. Kulkarni, Member
12. Mrs. M. R. Bachawad, Member
13. Mr. M. S. Morey, Member

The following members were unable to attend the meeting-

1. Dr. V. M. Gadre (IITB), Member
2. Dr. B. L. Gupta, (GCoE, Ujjain), Member
3. Dr. Vishwanath (NIT Warangal), Member

Following was Agenda of BOS meeting :

### AGENDA

**Item No. 1:**

Confirmation of last minutes of meeting

**Item No. 2:**

Approval to structure of FY BTech (Electrical Engineering)

**Item No. 3:**

3.1 Approval to Syllabus of Basic Electrical Engineering(Theory and Laboratory) of FY BTech (Electrical Engineering) and for other branches

3.2 Approval and suggestions to Syllabus of Workshop Practices, Physics and Communication skills

**Item No. 4:**

Approval to structure of SY BTech to Final Year (Electrical Engineering)

**Item No. 5:**

Approval and suggestions to activities under Activity Based Learning and credit transfer for Open Electives

**Item No. 6:**

Approval to Revised list of PG Examiners

**Item No. 7 :**

Any other point with permission of chairman

- Meeting started by welcoming all honorable members by Prof. S S Kulkarni and confirmation of minutes of last meeting.
- Chairman, Prof. S S Dhamse briefed all honorable external members about guidelines framed at institutional level for curriculum revision initiated the discussion on structure.

**Item 2: Approval to structure of FY BTech (Electrical Engineering)**

Prof. B. N. Chaudhary and all external members raised serious concern that weightage of computer related subjects are not adequate. Prof. Chaudhary added that broad guidelines of AICTE model curricula must be followed for FY BTech as it has been prepared experts. All other members also suggested the same view as with increasing demand for computer based application, knowledge of C/C++ language, use of Data science has become necessary. Inclusion of these subjects will help students for better understanding. Hence these courses should be made compulsory. All members unanimously agreed for same hence gave strong concern for FYBTech structure.

**Item 3.1: Approval to Syllabus of Basic Electrical Engineering(Theory and Laboratory) of FY BTech (Electrical Engineering) and for other branches**

Prof. B. N. Chaudhary suggested that Title of course for Electrical Branch be Fundamentals of Electrical Engineering and that for other branches be Elements of Electrical Engineering, it was accepted unanimously.

For syllabus Basic Electrical for Electrical branch, Shri Prasad Kokil praised to have kept a unit on Energy Storage Systems. In that unit Li-Ion battery, fuel cells and related elementary calculations should be included. He further suggested to modify title of Unit V of syllabus be **Electrical Wiring and Accessories** and **Metering** and agreed unanimously. Prof. B. N. Chaudhary suggested to design practicals of it. Preferably 3 on each unit.

**3.2 Approval and suggestions to Syllabus of Workshop Practices, Physics and Communication skills and Chemistry**

Workshop Practice-Dr. Deolankar and Shri Kokil added to include On-OFF control by remote, Devices operated by remote and Remote sensing to be included in it and agreed unanimously.

Engineering Physics- Dr. Chaydhary suggested to modify Contents of Unit III whole. As it is covered in Electromagnetic Field subject at SY BTech hence here it is to-be excluded and instead of it Introduction to Engineering Materials should be included. Shri Kokil suggested to include Material properties, Insulations, breakdown strength of material, soft magnetic materials, ferrite, ferromagnetic materials etc.

Syllabus of Engineering Chemistry and communication skill was accepted .

**Item No. 4:Approval to structure of SY BTech to FinalYear (Electrical Engineering)**

Dr. Chaudhary sir said to give title of course be self explanatory. He further gave opinion that in entire curricula, there will be two Electrical Machine course, two power system courses, Analog Electronics and Linear Integrated course can combined, there should be a compulsory course on Digital signal Processing, and one of course on communication system.

**Item No. 5:Approval and suggestions to activities under Activity Based Learning and credit transfer for Open Electives**

Institute policy of awarding grade under ABL was narrated Chairman

**Item No. 6:Approval to Revised list of PG Examiners**

Revised list of PG examiners was accepted by all.

**Item No. 7 :Any other point with permission of chairman**

Dr. Bhasme proposed to include tutorials for some subjects and chairman agreed to it.

Prof. S. S Kulkarni thanked all members for sparing valuable time and gave suggestions in revising curriculum.

(Shri S. S. Dhamse)

Chairman  
Board of Studies  
Electrical Engineering Department  
Govt. College of Engineering, Aurangabad