

GOVERNMENT COLLEGE OF ENGINEERING AMRAVATI

ELECTRICAL ENGINEERING DEPARTMENT

Date: 29/01/2022

Minutes of the 30th on line Meeting of Subject Board of Electrical Engineering(BoS)

A 30th on line Meeting of Subject board of Electrical Engineering was held on 28/01/2022 at 3.00 P.M. Dr G. A Dhokane Chairman & Head, Electrical Engineering department presided over the meeting. Following members were present for the meeting.

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| 1. Dr. G. A. Dhokane | Chairman |
| 2. Dr. H.M. Suryawanshi | Member |
| 3. Dr. B.N. Chaudhari | Member |
| 4. Dr. Mohammad Atique
Mohammad Junaid | Member |
| 5. Dr. P.P. Bedekar | Invited Member |
| 6. Prof.V.M.Jape | Member |
| 7. Dr.V.N.Ghate | Member |
| 8. Prof. M. V. Jape | Invited Member |
| 9. Prof. V. M. Harne | Invited Member |
| 10. Dr. R.B.Sharma | Member Secretary |

At the outset Prof. G. A. Dhokane, Chairman of BoS extended warm welcome to all the Hon. members of BoS. He brought to the notice of the board that Dr. Amod Umarikar and Dr. Shashank Wekhande members of board, communicated his inability to attend the meeting & requested for leave of absence. The board granted the leave of absence to them. He briefed the agenda of the meeting. Then he asked Dr. R. B. Sharma, a member secretary of BoS to carry out the further proceedings of the meeting. As the meeting was online the meeting was being recorded. Dr. R. B. Sharma readout the 4 point agenda which was circulated to all members in advance.

Following items on agenda were discussed & resolved as follows:

Item No. 1: To confirm the minutes of the 29th meeting held on 18/05/2021

The board confirmed the minutes of the 29th meeting of BoS held on 18/05/2021.

Item No. 2: To discuss and approve revised structure & curriculum for Final year B. Tech. (Electrical Engineering) courses .

1. Member Secretary presented the revised B. Tech Final year structure & curriculum before the house (The structure was approved in 29th meeting of BoS). Member secretary informed the board that in DFB it is decided
 - A. To revise the course code of Program ElectiveV, Energy Management and Electrical Drives and Control Lab.

- B.** To revise the list of Program Electives III & V.
The Board unanimously approved the change of course code of Program Elective V, Energy Management and Electrical Drives and Control Lab and revised list of Program electives are as given below:

A) Revised course code course code of Program Elective V, Energy Management and Electrical Drives and Control Lab given in table below;

Sr. No.	Course Code (old)	Course Code (New)	Name of the Course
1	EEU726	EEU725	Program Elective - V
2	EEU727	EEU726	Energy Management
3	EEU725	EEU727	Electrical Drives and Control Lab

B) Revised list of Program Electives

PE-I	PE-II	PE-III	PE-IV	PE-V	PE-VI
A) Electrical Machine Design	A) Power system protection	A) EHV AC Transmission	A) Power System Modelling	A) HVDC and FACTS	A) Power System Dynamics and Stability
B) Industrial Electrical Systems	B) Energy Conservation in Electrical Utilities	B) High Voltage Engineering	B) Smart Grid	B) Power Quality Issues and Mitigation	B) Wind and Solar Systems
C) Digital Signal Processing	C) Any other course approved by BoS	C) AI and Machine Learning	C) Advanced Microprocessors	C) Digital Control System	C) Electrical and Hybrid Vehicles
D) Computer organisation	D) Object Oriented Programming	D) Data Structures	D) Algorithms	D) Computer Network	D) Cyber Security
E) Embedded Systems	E) Internet of Things	E) Energy Storage System	E) Power System Transients	E) Power System Planning & Design	E) Advanced Drives

2. The Member Secretary presented the revised curriculum for final year B.Tech.(Electrical Engg.). The syllabus was discussed at length. The members suggested few changes in the syllabus of the EEU721 Electrical Drives And Control

It is suggested to add synchronous motor drive, BLDC, PMSM, SRM, variable frequency drive and modern drive based topics. Also suggested to add B.K. Bose book.

3. The Member Secretary placed the Program Specific Outcomes (PSOs), Program outcomes (POs) and subject wise course outcomes (COs) for B. Tech Third year (Electrical Engineering) and mapping of COs with POs & PSOs before the board. The board approved the same and also appreciated the efforts of the department in completing this exercise.

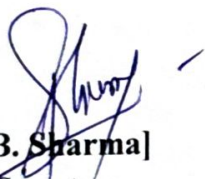
Item No. 3: To finalize the equivalence scheme for the Vth & VIth Semester courses

The Member Secretary placed a proposed equivalence scheme for the Vth, VIth and VIIth, VIIIth Semester courses before the board. The house also finalized and approved the equivalence scheme for third year & Final year B. Tech (Electrical Engineering).
Dr. H.M. Suryavanshi and Dr. B. N. Chaudhari suggested to offer the NPTEL courses for program electives. Dr. Mohd. Atique suggested to prepare the list of NPTEL courses. The board suggested to mark no equivalence subject as No equivalence * i.e. *- wherever no equivalence in new/old scheme is available either original subject to be taken or in lieu of the subject any subject suggested by the BoS can be offered.

Item No. 04 : Any other Point with the permission of chair

The member Secretary informed the house that item no 2 & 3 shall be placed before APEC and Academic Board. For uniformity at institute level, there may be some modifications in these points. To incorporate such changes, board empowered Chairman, Subject Board of Electrical Engineering to take appropriate action. The same may be placed before the board in next meeting for approval.

At the end, the chairman thanked all the members for their suggestion, advice and critical comments. He also thanked them for sparing their valuable time for the meeting. The meeting concluded with vote of thanks by Member Secretary.



[Dr. R. B. Sharma]
Member Secretary



[Dr. G. A. Dhomane]
Chairman

Copy to:

- 1] Principal, Govt. College of Engineering, Amravati for information
- 2] Dean Academic for information
- 3] Dr. R. Metkar, Member Secretary-APEC & Member Secretary-Academic Board
- 4] Hon Members of Subject Board of Electrical Engineering