

J.C. Bose University of Science and Technology, YMCA Faridabad
Department of Electrical Engineering

Date: 28/03/2022

MINUTES OF BOARD OF STUDIES (UG) MEETING SCHEDULED HELD ON 28 TH MARCH, 2022 IN OFFLINE MODE THROUGH PLATFORM AT 03:00 PM

Members Present: Prof. Poonam Singhal (Chairperson), Shri A.K. Nehra, Prof. Ratna Dahiya, Prof. Narendra Kumar, Prof. Rajesh Kr. Ahuja, Prof. Tilak Raj, Dr. Shakuntla, Mr. Satvinder Singh

Apologies for absentees: Mr. Sudhir Chaudhary

Dr. Poonam Singhal, Chairperson BOS (UG) chaired the meeting and welcomed all the new members to the 12th BOS meeting.

After a brief introduction, the items listed in agenda were taken up for discussion and following resolutions were passed.

ITEM No. 1 BOS 12: To Approve the minutes of the last meeting of BOS 11

BOS members approved the minutes of BOS 11.

ITEM No. 2 BOS 12: To add labs and to approve the list of experiments.

- i) Electric and Hybrid Vehicle- (ELPE612)
- ii) Power Quality and FACTS- (ELPE713)
- iii) Electrical Drives-(ELPE611)
- iv) Wind & solar energy system-(ELPE614)

The committee suggested and approved to add some topics related to experimental study in the syllabus itself instead of adding separate lab so that the total credits should not change.

ITEM No. 3 BOS 12

To Combine all the Discipline Electives for B.Tech. 4th sem to 6th sem, in order that students get open choices to take subject of his/her interest in any semester as per NEP with minimum intake of 10 students in every course.

The committee did not approve to combine all the discipline electives from B.Tech 4th sem to B.Tech 6th sem. Instead the committee suggested & approved to combine discipline electives PE3 & PE4 in B.Tech 6th sem and PE5 and PE6 in B.Tech. 7th sem with a requirement of min 10 students to float the elective.

ITEM No. 4 BOS 12

To add some new few Discipline Electives in B.Tech. 7th sem with labs.

- i) Micro controller.
- ii) Introduction to smart grid.
- iii) PLC & SCADA.

The committee approved to add new discipline electives in B.Tech 7th sem and instead of adding labs some portion can be added as experimental study in course itself.

ITEM No. 5 BOS 12

To revise the syllabus of Biology (BSC01) subject and it should cover technical aspects related to Engineering. To revise the syllabus of Microprocessor (ELPC 503)

The committee examined the biology syllabus and after discussion approved to modify the syllabus of the same.

The committee was in opinion that the subject is not covering technical aspects related to engineering, and suggested to modify the syllabus of biology subject & gave the power to the chairperson to constitute a committee consisting of a faculty from biology department and one faculty from electrical and electronics engineering department to modify the syllabus of biology.

The committee approved the modified syllabus of microprocessor after detailed discussion as proposed by the syllabus revision committee.

ITEM No. 6 BOS 12

To establish new labs of control system (ELPC552), Micro Processor Lab (ELPC553), Electrical Measurements and Instrumentation Lab-(ELPC652) in our own department. Till date above labs are being shared with Electronics Engineering Department but due to start of new courses in Electronics Department the slot for the above labs are not available to electronics students.

The committee approved Item No. 6.

ITEM No. 7 BOS 12

Any other item with the permission of Chairperson, BOS.

The syllabus of Renewable Energy Systems (OEC-II) of mechanical engineering department was placed before the committee. The faculty teaching the Renewable Energy Systems (OEC-II) of mechanical Deptt informed the chairperson that the syllabus is very wide and vast and is unable to cover it in one semester. The syllabus was placed in syllabus revision committee. After detailed discussion the committee suggested to shorten the syllabus but added some topics in the syllabus. told in front of committee that the syllabus is very wide & vast.

The modified syllabus was approved by the BOS and the committee suggested to send it to the mechanical engg. department for placing the modified syllabus in BOS.

The committee approved the modified syllabus.



Chairperson

Electrical Engineering Department



Shakuntla

Dr. Shakuntla
Member Secretary-BOS (UG)
Electrical Engineering Department