MINUTES OF MEETING

FOR THE

BOARD OF STUDIES
OF
ELECTRICAL ENGINEERING DEPARTMENT

HELD ON
February 11, 2022 AT 3.00 P.M (ONLINE)

AT

DR B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY, JALANDHAR

MINUTES OF THE NINTH MEETING OF BOARD OF STUDIES OF THE DEPARTMENT OF ELECTRICAL ENGINEERING AT DR B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY, JALANDHAR HELD ON 11th FEBRUARY 2022 AT 3.00 P.M (ONLINE).

Following members were present:

1.	Head of the Department	**Dr Dilbag Singh** Professor, Dept. of Electrical Engineering, NIT Jalandhar	Chairman
2.	External Experts	1. **Er Rajiv Gupta** Vice President - CS&S Currency Management Solutions 2. **Dr Ashwani Sharma** Professor, Dept. of Electrical Engineering, NIT Kurukshetra	Member (Industry) Member (Academics)
3.	Dean Academic	**Dr Anish Sachdeva** da@nitj.ac.in	Member
4.	Faculty members from other Departments	1. **Dr A L Sangal** Professor, CSE Dept., NITJ 2. **Dr Harleen Dahiya** Assoc. Professor, Physics Dept., NITJ	Member Member
5.	Regular faculty of Electrical Engg.	1. **Dr Kailash C. Sharma** Asst. Professor 2. **Dr Vivek Sharma** Asst. Professor 3. **Dr Harimurgan D** Asst. Professor	Members
6.	Distinguished alumni of the department	**Er Vikram Gilhotra** Executive Trainee, SJVN	Member
7.	Student representatives	**Ms Kirti Daga** **Mr Nikhil Haryani**	Member

The Chairman extended a warm welcome to all the honorable members present during the meeting.

Following agenda items were taken:

Item No. 9.1	**To establish e-Yantra Laboratory**
Decision	The members discussed the matter and approved the laboratory. This laboratory will be developed under the guidance of faculty from IIT Bombay. Through this lab students will get exposer to robotics, hardware interfacing and programming. This knowledge will be helpfull in minor and major projects. Moreover the fund requiredment is also small.

Item No. 9.2	**To approve the budget for the next academic year.**
Decision	The members reviewed the budget for the next academic year and approved it. With the suggestions of the members the size of the UPS for the lab is deciced to be 30KVA and for offices to be 5KVA. Prof Ashwani Sharma offered to assist in finalizing the UPS specifications.

Item No. 9.3	**To approve the Minor Elective courses.**
Decision	After the discussion, following minor elective courses were approved by the members: S. No. Sem Course Code Course Title 1. 3 rd EEMI201 Circuit Theory 2. 4 th EEMI202 Electric Machine 3. 5 th EEMI301 Control System Engineering 4. 6 th EEMI302 Power System Analysis 5. 7 th EEMI401 Power System Operation and Control 6. 8 th EEMI402 Electrical Drives and Control

Item No. 9.4	**Discussion on Short and Long term goal setting**
Decision	The members discussed the matter and decided as follows: **Short term plan for one year:** - Establishment of Laboratory - Faculty recruitment - Site Visit (1MW – solar plant in college) - Industry visit **Long term plan for five years:** - To develop industry sponsered laboraty (Battery Management System, Renewable Energy)

	Industrial Collaboration: - Involve students in consultancy - Semen's Centre of Excellance may be established - Collaborative research should be promoted. For collaboration organizations like Power Grid and BHEL may be considered. **National and International collaboration:** - Sign MOUs with eminent institutions at national and international level.

The meeting ended with a formal vote of thanks by the Chairman.