

Agenda of 6th Board of Studies Meeting
Department of Energy Engineering
6th February 2024

BoS/6/DEE/01 : To confirm the minutes of the 5th meeting of BoS held on 12th January 2023.

The 5th meeting of BoS held on 12th January 2023. The minutes of the meeting is placed at Annexure 1 for confirmation.

BoS/6/DEE/02 : To consider and approve action taken report of the 5th meeting of BoS held on 12th January 2023.

Action Taken Report		
Sl No.	Agenda discussed in 5 th BoS	Action Taken
1.	To consider and approve the panel of Examiners for thesis evaluation of the students – Mr. Amit Kumar, Indra Mohan, and Chakrapani Gandikoti, Prashant Kumar	Done and noted
2.	To consider and approve the seats of M. Tech in Energy Engineering admission in the session 2023-24	Done and noted
3.	To consider and approve seats of Integrated (4 year B. Tech in Electrical Engineering and 2 year M. Tech in Electrical Engineering with specialization in Energy Engineering) admission in the session 2023-24	Done and noted
4.	To consider and approve the syllabus of Integrated B. Tech in Electrical Engineering and M.Tech in Electrical Engineering with specialization in Energy Engineering for the session 2022-23 batch.	Done and noted
5.	To consider and approve syllabus of M. Tech in Energy Engineering	Done and noted
6.	To considered and approved Syllabus B. Tech in Electrical Engineering by considering Honors degree along with basic degree (As per AICTE guidelines) viz. B.Tech. (Hons.) Electrical Engineering with specialization in Electrical Vehicle / Smart Grid/ Artificial Intelligence / Robotics/ Renewable Energy with additional 18-20 credit points.	Noted and placed to the Competent Authority

BoS/6/DEE/03 : To consider and approve the syllabus of Integrated B.Tech-M.Tech Electrical Engineering with specialization in Energy Engineering(Annexure-I)

Resolution:

- Instead of Solar thermal technology, Hybride Solar Technology and Data analytics to be used as scope will increase for students,

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keeping in mind the feasibility, as sustainability of the course is important. The suggestion may be incorporated in the MSC courses

- In 3rd year energy innovation and Startup lab for cultivating innovation and startup ideas as option.
- Include more option along with RES Technology like Industrial Energy and Environmental Assessment.
- Change subject Energy management to Energy and Environmental Management.
- Mention the option of exit after 4 years as most of the students are interested in 4 years program and do the advertisement accordingly.
- Major degree in Energy should contain all the energy aspect all conventional and non-conventional.
- One courses on power plant engineering or power plant technology in program elective/program core may be introduced in main course.
- Nomenclature of BS and MS courses can be offered.

Approved. The suggestions may be incorporated, if feasible.

BoS/6/DEE/04 : To consider and approve the progress report of PhD scholars (Mr. Prashant Kumar-19210201001, Mr. Manish Kumar Singh-20210201001, Mr. Vinay Prakash Choudhary-20210201002, Mr. Shashank Kumar Jha-20210201003, Mr. Tripurari Kumar Harsh-20210201004, Mr. Md. Rahbar Jamal-20210201005, Mr. Shubham Sanyal-20210201006, Mr. P S Panja-19210201005, Mr. Chakrapani Gandikoti-19210201002 and Mr. Anshu Kumar-22210201001)(File to be presented)

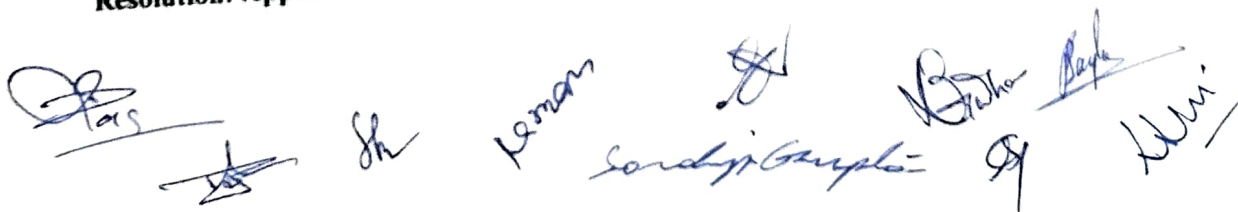
Resolution: Approved.

BoS/6/DEE/05 : To consider and approve the list of Ph.D. thesis examiners for Mr. Prashant Kumar, Shashank Kumar Jha, Mr. P S Panja, Mr Md. Rahbar Jamal, Mr Tripurari Kumar Harsh, Manish Kumar Singh, Vinay Prakash Chaudhary, and Mr. Chakrapani Gandikoti to be prepared(Annexure-II)

Resolution: Approved.

BoS/6/DEE/06 : To consider and approve the eligibility for PhD supervision of newly joined faculty member, Dr. Sandip Kumar Gupta(Annexure-III: CV with publications attached)

Resolution: Approved.



BoS/6/DEE/07 :To consider and approve the report on the departmental activities(Presentation)

Resolution: Noted

BoS/6/DEE/08: To consider and approve the proposal to reinstate UG-PG Energy Engineering course under NEP 2020 (Annexure-IV)

Resolution: As per the recommendation of experts, department may reinstate UG-PG Energy Engineering with specialization Renewable Energy Technology according to NEP 2020, since department is already having specialized faculty and infrastructure in the existing set-up.

BoS/6/DEE/09 : To consider and approve the list of four program electives for UG-PG Electrical/Energy Engineering

Resolution: Semiconductor /IOT AI optimization basic subjects. 35% basic subject to be introduced.

Data mining

Computational numerical analysis.

Give students a broader spectrum and decide the subjects for honours.

Energy forecasting and demand side management.

MSC 1 to MSC 5 courses to be defined as per the resources availability.

BoS/6/DEE/10 : Any other matter(One week FDP on Energy Management and Policy)

Resolution: Noted and suggested to initiate the process.

BoS/6/DEE/11 : Any other matter.

Resolution: Both the external members recommended to start additional Electrical Engineering Department.




Prof K A Subramanian
External Member




Prof Niranjana Kumar
External Member

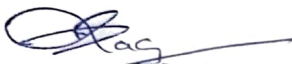
Prof Ashok Kr Pradhan
External Member

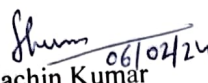

Prof Sarang Medheker
Member, School of Natural Sc

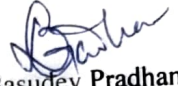
Prof Manoj Kumar
Member, School of Natural Sc



Prof S C Yadav
Member, School of Engg and Tech


Prof Gajendra Singh
Member, School of Engg and Tech

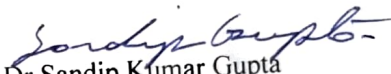

Prof D. B. Laata.
Prof. DEE.

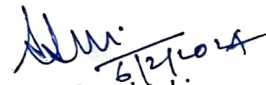

Dr Sachin Kumar
Asst. Prof. DEE.


Dr Basudev Pradhan
Asst. Prof. DEE


Dr. B.M Jha
Asst. Prof. DEE


Mr. P.S. Panja
Asst. Prof. DEE


Dr Sandip Kumar Gupta
Asst. Prof. DEE


Prof S K Samdarshi
Head DEE