GNIT

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Ref. No: GNIT/EE/BOS/2024/02 Date: 03/09/2024

Notice of BOS Meeting

All the internal and external BOS members are hereby requested to attend a meeting to be held on 11.09.2024 at Smart Class Room, EE Department, GNIT from 11 am onwards to discuss the following agenda:

Agenda:

1. Confirmation of Minutes of last BOS Meeting held on 30th January 2024.
2. Discussion on Autonomy Curriculum and Syllabus for B.Tech –R-23 Courses
3. Discussion on formation of R25 syllabus based on stakeholder's feedback process.
4. Mandatory NPTEL / MOOCs courses and its Implementation
5. Result Analysis for Even Semester 2023-24 Examination.
6. Students' Placement, and Higher studies
7. Research & Developmental activities (January 2024–June 2024)
8. Industry-Institute Interaction
9. Approval of Vision, Mission, PO, PEO statements
10. Conferences/Workshop/Other programs organized
11. Any other issue with the permission of Chair

Prof. (Dr.) Barnali Kundu
Head of the Department
Electrical Engineering
Guru Nanak Institute of Technology
Sodepur, Panihati, Kol-114

Head and Chairman
Dr. Barnali Kundu

Copy To:

1. Principal
2. Registrar
3. Dean, Academics
4. Dr.Konika Das Bhattacharyya, Professor, EE Dept., IIEST,Shibpur
5. Mr.Sanjay Kar Chowdhury, DGM, CESC,Kolkata.
6. Mr. Sagnik Choudhury, Principal Engineer , AECOM (ALUMNI)
7. All the Internal BOS Members.

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GURUNANAK INSTITUTE OF TECHNOLOGY

Approved by A.I.C.T.E., New Delhi

Affiliated to MAKAUT, West Bengal

Supporting Document

MINUTES OF THE MEETING, 2024 OF BOARD OF STUDIES OF ELECTRICAL ENGINEERING DEPARTMENT HELD ON 11/09/2024 AT 11 A.M.

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Department of Electrical Engineering

GNIT

Minutes of the BOS meeting

Date: 12/09/2024

Venue: Smart Class Room, EE Department

As per the notice dated 03.09.2024 with Ref. No. GNIT/EE/BOS/2024/02, a BOS meeting was held on 11/09/2024 in presence of following experts and members:

Members present (Internal):

1. Dr. Barnali Kundu : Head and Chairman
2. Dr. Aveek Chattopadhyaya : Member
3. Dr. Debasree Saha : Member
4. Dr. Suman Ghosh : Member
5. Mr. Susovan Dutta : Member
6. Mr. Amit Debnath : Member

External Members Present:

1. Dr.Konika Das Bhattacharyya : Professor, EE Dept., IIEST, Shibpur
2. Mr.Sujit Kumar Saha : Superintending Engineer, WBSEDCL
3. Mr. Sagnik Choudhury : Principal Engineer , AECOM (ALUMNI)

The discussion was based on the following agenda:

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Resolution:

After rigorous discussion and exchange of ideas, the following resolutions were taken:

Agenda 1: Confirmation of Minutes of last BOS Meeting held on 30th January 2024.

The minutes of last BOS meeting was duly confirmed and approved.

Agenda 2: Discussion on Autonomy Curriculum and Syllabus for B.Tech –R-23 Courses

The external members of BOS has gone through the Autonomy Curriculum and Syllabus for B.Tech –R-23 Courses as per AICTE 2021 model curriculum & NEP 2020 for New B.Tech 4th Semester and the ongoing curriculum and syllabus and found satisfactory and in place. The subject Electromagnetic field theory has been changed to Electromagnetic Theory.

Agenda 3: Discussion on formation of R25 syllabus based on stakeholder's feedback process.

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A general discussion was taken place on the formation of autonomy curriculum and syllabus (R25). Feedback from the different Stake holders have been collected for the formation of R-25 syllabus. Experts have seen the feedback forms and discuss on the process of action taken report and feedback analysis. They have also take a look on the proposal of not giving any theory subjects for 8th semester curriculum. Based on the ATR of feedback process the following subjects has been incorporated in R-25 syllabus : (i) Robotics and Drone technology (ii) Cloud computing.

Agenda 4: Mandatory NPTEL / MOOCs courses and its Implementation.

Mandatory NPTEL credits scheme has been implemented for B. Tech 5thsemester students; Fundamentals of Artificial Intelligence course has been allocated. Mentors and course coordinator has been assigned to take care of full enrolment of NPTEL courses amongst the students.

Agenda 5: Result Analysis for Even Semester 2023-24 Examination.

Result analysis for even semester 2023-24 examination has been shown before the expert members and they expressed their satisfactory comments on that.

Agenda 6: Students' Placement, and Higher studies

Student's placement record for 2024 passout batch and the ongoing batch of 2025 has been shown. Where 80% students got placed with a highest pay package of 8 LPA in 2024 batch.

Agenda 7: Research & Developmental activities (January 2024–June 2024)

A good number of paper and patent has been published in the last two semesters. Expert congratulate faculty members for Patent publication. The committee advised to increase the publication by increasing the number of publication and quality of publications by publishing in SCI, Scopus, WoS etc.

Agenda 8: Industry-Institute Interaction

BOS external members appreciated the initiative taken by the department to conduct various Industry visits, seminar by industry expert, internship done by students to bridge the gap between industry and academia.

- The Department of Electrical Engineering, GNIT organized a One Day Industrial Visit for the B. Tech 5th semester students to Bandel Thermal Power Station on 6th September 2024. This visit aimed to provide students with practical exposure to power station operations, thereby enhancing their understanding of the theoretical knowledge gained in the classroom and its practical applications in the industry.
- The Department of Electrical Engineering, GNIT organized a one-day industrial visit for the 2nd and 3rd year Diploma Electrical students to the Carriage & Wagon Workshop, Eastern Railway, Liluah, Howrah, on 21st August 2024. This visit aimed to provide the students with practical exposure and thereby bridging the gap between theoretical knowledge and practical applications.

Agenda 9: Approval of Vision, Mission, PO, PEO statements

In the meeting it is unanimously agreed that, there is No change is required in the present Vision, Mission, PO, PEO statements. It is also decided to organize a seminar in the next month to disseminate the Vision, Mission, PO, PEO statements among different stakeholders.

Agenda 10: Conferences/Workshop/Other programs organized

BOS external members appreciated the initiative taken by the department to conduct various events like Seminar, Alumni Meet, and Tech Fest- Samatva-2024 to bridge the gap between industry and academia.

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- The Department of Electrical Engineering, GNIT hosted an enriching Alumni Meet on "The Role of Engineers in the Finance Sector" on August 23rd, 2024. The event brought together alumni and current students to discuss the diverse career opportunities available to engineers within the finance sector.
- A 2020 graduate of GNIT, Mr. Saif Ali currently serves as the Data and Business Analysis Lead at TCS. He shared his personal journey from engineering to the finance sector, emphasizing the growing importance of data analytics in understanding market trends and making strategic decisions.
- A 2019 graduate and currently a Design Electrical Engineer at JACOBS, Mr. Uddipan Bose provided a unique perspective on applying engineering expertise in the finance sector. He shared his career path, detailing his transition from engineering to roles in the core sector.
- The Department of Electrical Engineering, GNIT is going to organize its annual Tech-fest Samatva-2024 on 19-20th September 2024 where more than 200 participants from different school and colleges are already registered to take part in various events.
- 1st Edition of International Conference on "AI-Driven Smart Healthcare for Society 5.0 (AdSoc5.0)", technically sponsored by IEEE Kolkata Section (IEEE Conference Record: #64992) is being organized by the Department of Computer Science and Engineering (NBA Accredited) and the Department of Electrical Engineering (NBA Accredited), Guru Nanak Institute of Technology (NAAC A+). The conference is scheduled to be held on February 14-15, 2025.

Agenda 13: Any other issue with the permission of Chair

External members expressed their satisfaction over the quality teaching learning process maintained in the department.

- They have suggested starting Professor of practice on some particular topic like smart energy meter, digital relay by industry experts.
- Programming skill of the students should be improved, which is very much essential for the placements.

Lastly the meeting was ended with vote of thanks to the Chairman BOS.

Head and Chairman
Dr. Barnali Kundu

Prof. (Dr.) Barnali Kundu
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Sodepur, Panihati, Kol-114

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Attendence of BoS Members :

Sl. No.	Name and Designation	Signature
1.	Dr. Konika Das Bhattacharyya – Professor, EE Dept., IIEST, Shibpur	Konika Das (Bhattacharyya)
2.	Mr. Sujit Kumar Saha – Superintending Engineer, WBSEDCL	S. K. Saha
3.	Mr. Sagnik Choudhury – Principal Engineer, AECOM (Alumni)	Sagnik Choudhury
4.	Dr. Barnali Kundu – Head and Chairman	
5.	Dr. Aveek Chattopadhyaya – Member	
6.	Dr. Debasree Saha – Member	Saha.
7.	Dr. Suman Ghosh – Member	S. Ghosh
8.	Mr. Susovan Dutta – Member	S. Dutta
9.	Mr. Amit Debnath – Member	

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