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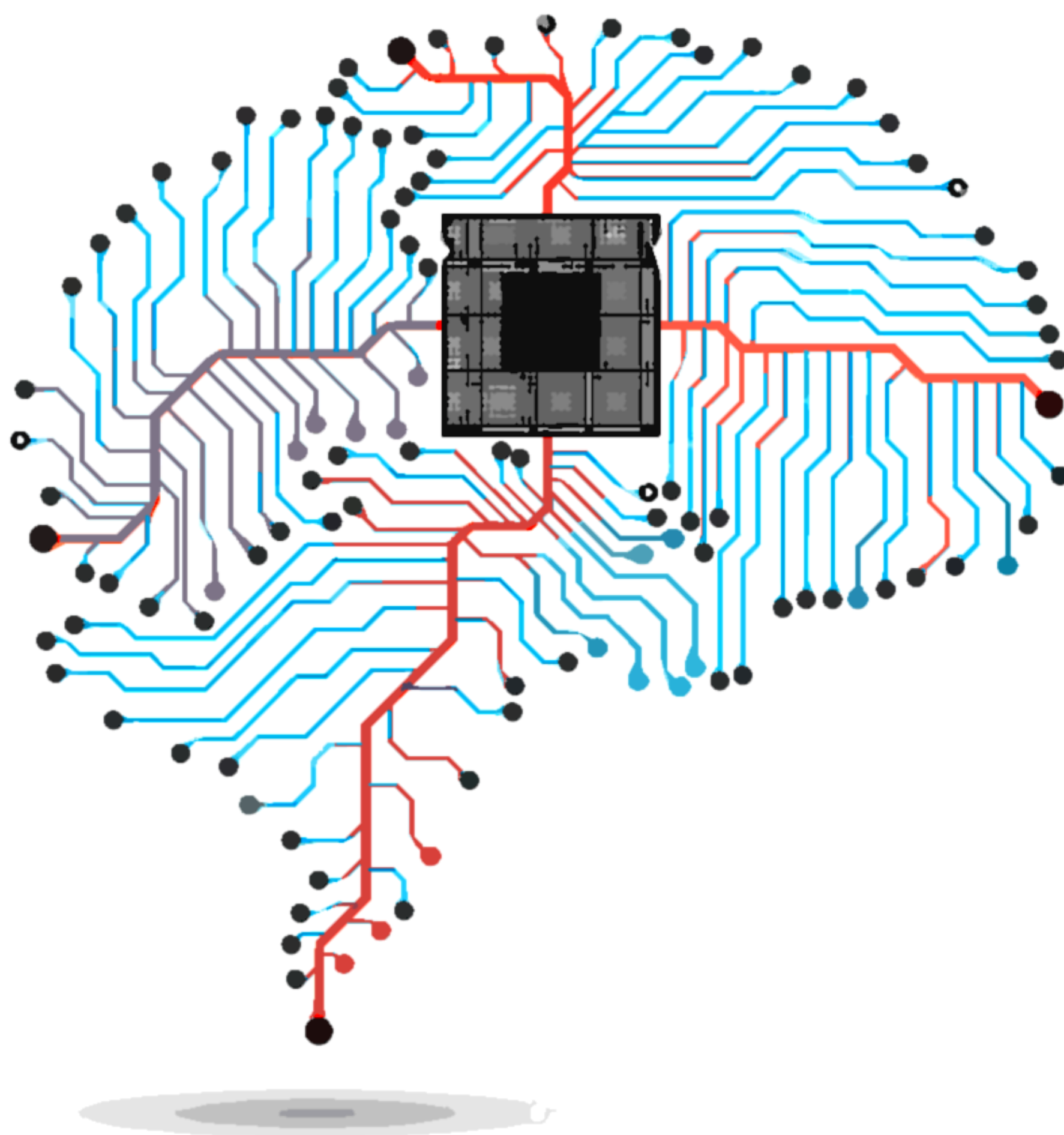


PEI CHRONICLES

**Newsletter of Power Electronics & Instrumentation Engineering
Department, Jorhat Institute of Science and Technology**

NEWSLETTER HIGHLIGHTS

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QUARTERLY NEWSLETTER, PEI

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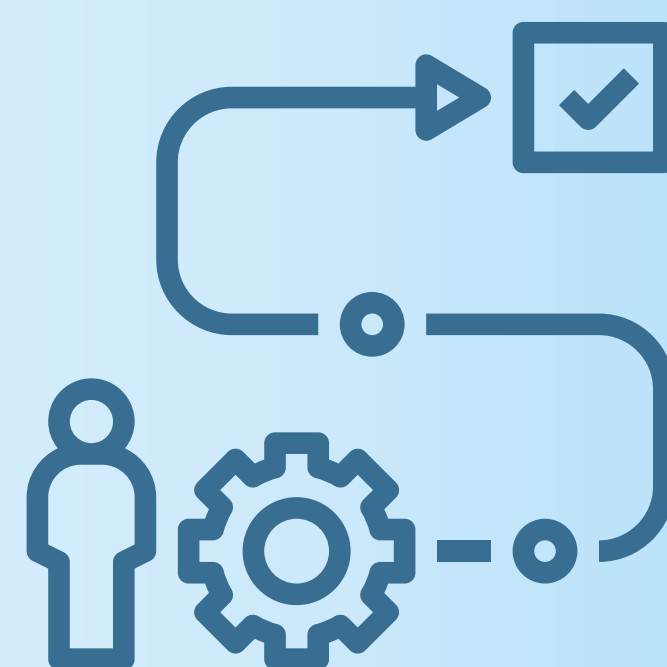


VISION

To become a Centre of excellence in the field of power electronics and instrumentation engineering to meet the need of industry and society.

MISSION

- To provide a platform for students to develop core competency and professional skills.
- Periodic update of the curriculum to bridge the theory-practice gap and to keep abreast with the recent technical developments
- To provide an environment conducive for innovation, team work, and entrepreneurial leadership and to reshape the ethics and human values of budding engineers
- To encourage faculty members to upgrade their knowledge through continuing education programs.





ABOUT THE DEPARTMENT

The Department of Power Electronics and Instrumentation Engineering (PEI) was established in the year 2009. The department presently offers 4 years B.Tech. in Power Electronics & Instrumentation Engineering with an intake of 60 students. The syllabus cover the areas of Power Electronics, Instrumentation and Control System engineering and is updated with new Credit Based Assessment System following the guidelines of AICTE model syllabus. Since the inception, the department has well equipped laboratories in Instrumentation, Control System, Measurement, Power Electronics devices, Electrical Machines mentioning a few with various modern softwares. Above all the department boost of young, dynamic and dedicated faculty and staff to serve the very cause.

The department continuously strives to produce technically proficient and socially committed engineering professionals to meet the need of nation and the World. The students of the department do internship at different organizations like OIL, ONGC, NRL, BSNL, IITs and different research labs. The alumni of the department are absorbed in different organizations like OIL, NRL, APDCL, AEGCL, Wipro, TCS, Honeywell Technologies and in different Telecom sectors while others are pursuing higher studies in NITs, IITs, IIM and even in foreign universities.

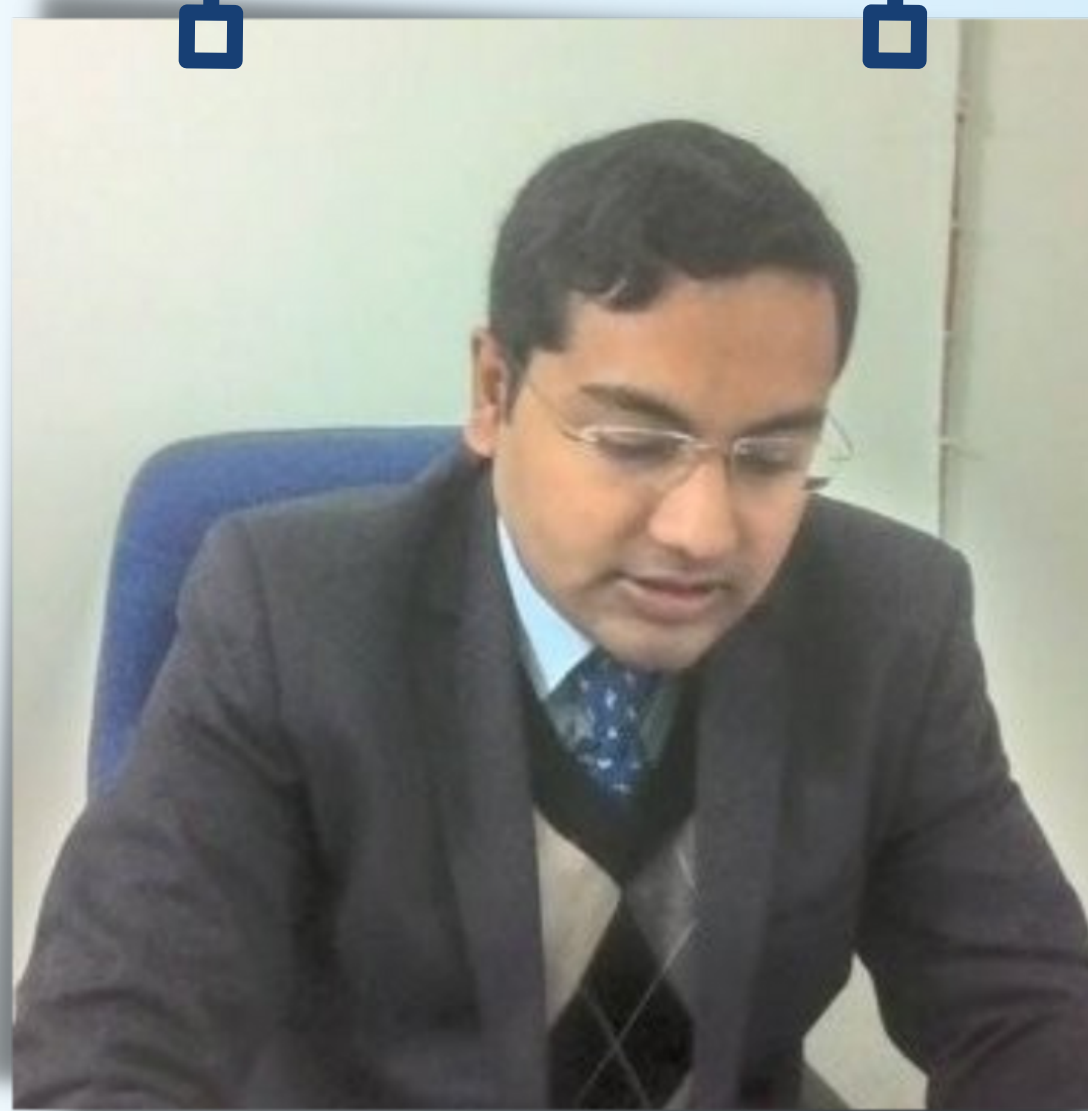


Contact Us:

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Jorhat-785010*



MESSAGE FROM HOD



☞☞ Warm Greetings ! I am quite happy to share that the fifth issue of the Power Electronics and Instrumentation Engineering Department's quarterly news bulletin, PEI Chronicles, is going to be brought to light soon. As expected the department has become vibrant and individuals and teams assigned for specific activities (academic/non- academic etc.) have been doing their best to maintain the momentum in our pursuit for excellence. I congratulate the Power Electronics and Instrumentation Engineering department faculty members and students for their contribution to department activities. Heartiest congratulations to the Editorial Board for this endeavour and forthcoming issue of the news bulletin. ☞☞



DEPARTMENTAL ACTIVITIES

- On 13th , 14th and 16th October, 2022 CIE I for 3rd, 4th and 7th semesters were conducted.
- On 5th November 2022 (11th death anniversary of Dr. Bhupen Hazarika) , a tribute ceremony of Dr. Bhupen Hazarika was organised.
- On 9th , 10th and 11th November 2022 CIE-II for 3rd , 5th and 7th semesters were conducted
- On 10th November,2022 Professor Narendra Chaudhary , the Honorable Vice Chancellor ASTU(Assam Science and Technology University) has interacted with the teachers and students of JIST. He has visited the Department classrooms and laboratories.
- On 26th November, 2022 NC -DC list of 5th and 7th semester were submitted.
- On 8th, 9th and 10th December 2022 CIE-III for 3rd, 5th and 7th semester were conducted.
- 7th semester practical and internship presentation were conducted from 15th to 21st December 2022.



DEPARTMENTAL ACTIVITIES

⏻ A department meeting was held on 16/12/2022 .
The minutes of the meeting are -

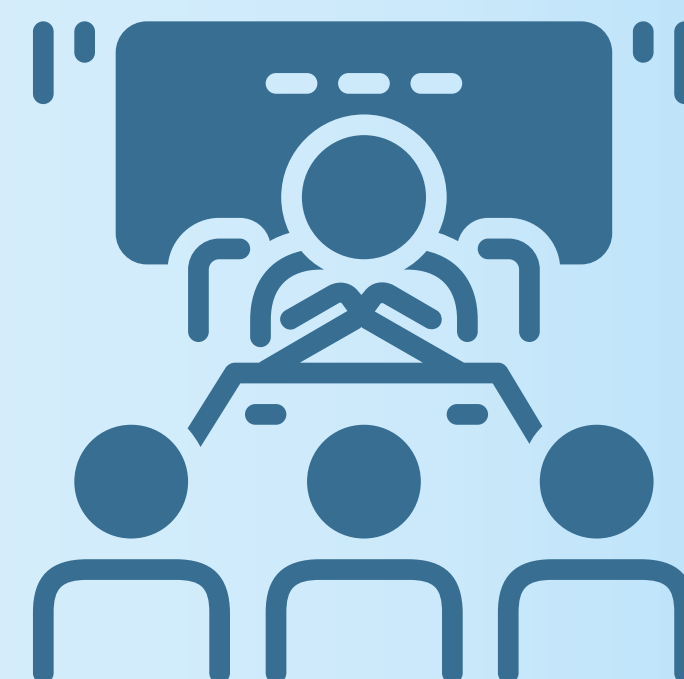
- 1) Final year project report has been finalized.
- 2) Assignment cover page has been finalized.
- 3) List of experiments that can be performed in PEI lab as requested by RGIPT(Rajiv Gandhi Institute of Petroleum Technology) ,(Assam Energy Institute)Sivasagar,Asaam has been sent to the office of principal, JIST.
- 4) Internship and project presentation evaluation rubric has been finalized.
- 5) Resolution has been taken for publication of department magazine and wall magazine.





FACULTY ACTIVITIES

- Sri Gautam Talukdar was appointed as a judge in IDEATHON-2022 competition held on 1st October, 2022 at JIST, Jorhat-10 on the occasion of India Start-up Day.
- Golam Imran Hussain has completed 3-Days Faculty Development Programme on Assessment, Evaluation and Preparing Question Papers organised by NITTTR, Kolkata from 1st November to 3rd November, 2022 successfully.
- Mrs. Chandana Dev has completed 3-Days Faculty Development Programme on Assessment, Evaluation and Preparing Question Papers organised by NITTTR, Kolkata from 1st November to 3rd November, 2022 successfully.
- Sri Gautam Talukdar was invited as an external expert to conduct Laboratory Examination of Department of Electrical Engineering of Tezpur University on 21/11/2022, 22/11/2022 and 23/11/2022.





FACULTY ACTIVITIES

- Sri Gautam Talukdar has successfully completed a Faculty Development Programme on "NEP 2022-Reforms in Higher Education" from 5th December 2022 to 9th December 2022 organized at Guwahati Extension Centre, NITTTR-Kolkata coordinated by the Directorate of Technical Education, Government of Assam.
- Mrs. Jumpi Dutta was appointed as Internal Examiner for the Electrical and Electronics Measurement Lab (PI181515) held on 19-12-2022 in the department of Power Electronics and Instrumentation Engineering, JIST.





STUDENT ACTIVITIES

- ➊ Mrigakhi Changkakoti from 2nd semester received 1st position in Extempore Speech and Musical Chair competitions during Induction Programme 2022 held between 21st October to 10th November, 2022 respectively.
- ➋ Bhaswati Parashar of 4th semester has done VISHARAD(B.Muse) in VOCAL and has been placed in the SECOND division from Bhatkhande Sangeet Vidyapith, LUCKNOW.
- ➌ Lisa Bharali of 4th semester has participated in the International Creative Writing Contest organized by www.monomousumi.com, held in September 2022 and obtained the PRAISEWORTHY position.
- ➍ Mrigakhi Changkakoti of 2nd semester has done VISHARAD(B.Muse) in SATTRIYA dance from Sunitkuwari Sattriya Academy.
- ➎ Debolina Saikia of 6th semester has done VISHARAD(B.Muse) in VOCAL and has been placed in the FIRST division from Bhatkhande Sangeet Vidyapith, LUCKNOW.





STUDENT ACTIVITIES

PLACEMENTS

🔌 ***Siddhartha Shekhar Phukon***
was placed in PLANET SPARK.



🔌 ***Karan Koushik Boro***
KH Nishi Kumar Singha
Rajneesh Chetia
Roktim Probal Gogoi
was placed in ORC Engineering.



ORC Engineering





ALUMNI SECTION

- 🔌 Pradyut Jyoti gogoi working as Paramedical Engineer at Phoenix Medical System, Kolkata



- 🔌 Abhishek Sharma is currently working as an Operations Associate at Learnbay , Bengaluru.



- 🔌 Pritam Kashyap Borah is working as an Graduate Engineer Trainee(GET) at Asian Energy.

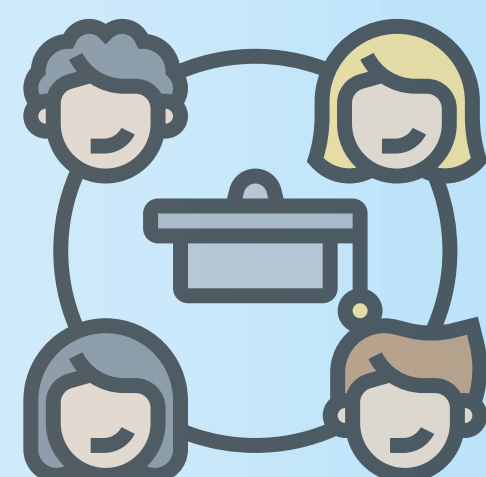
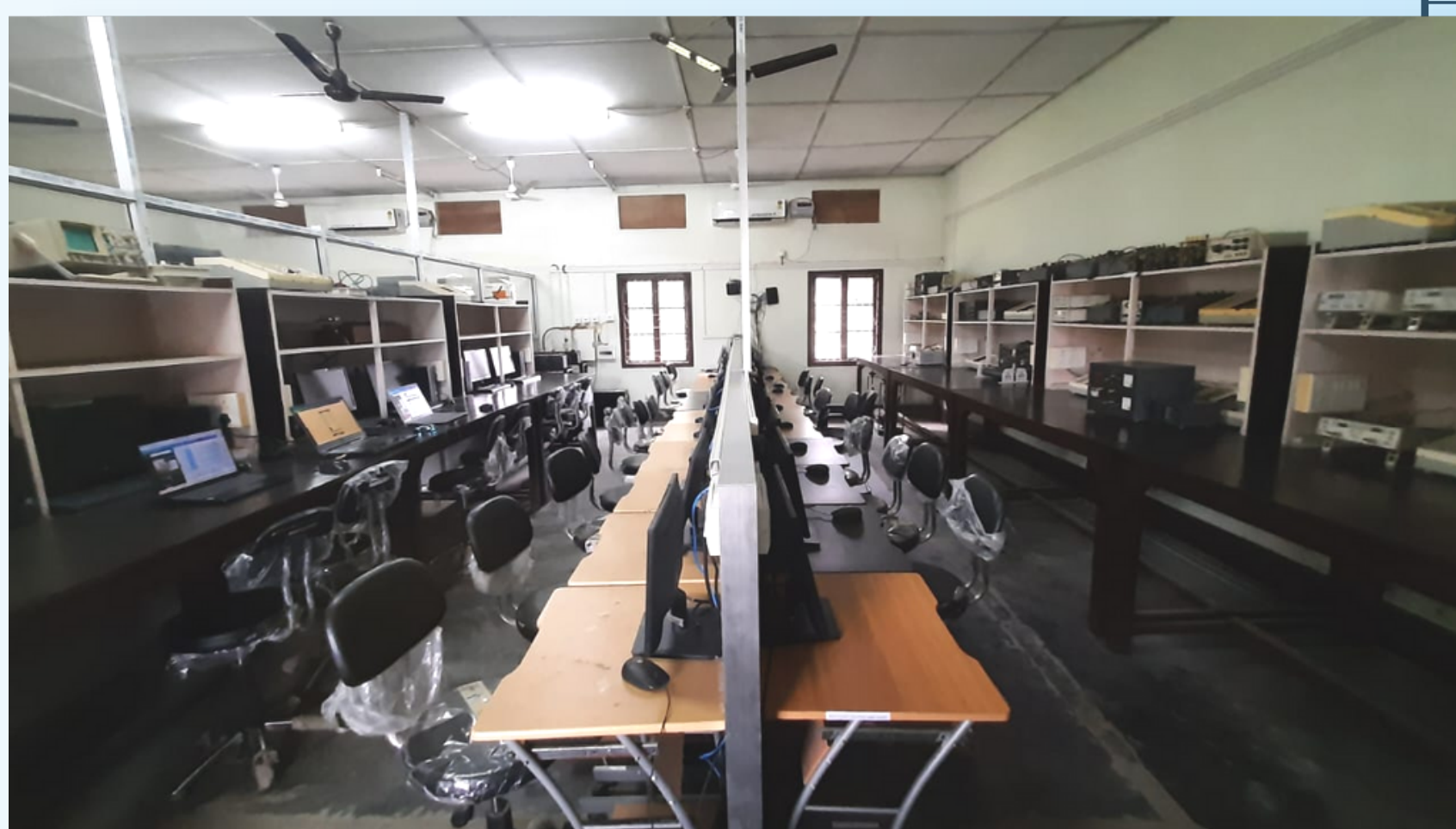




PHOTO GALLERY



Instrumentation Lab



Simulation Lab



PHOTO GALLERY



Debashis Borah & Pabitra Borah

(Grade four staff)

(Laboratory Instructor)



Basic Electrical Engineering/Electrical Machine Lab



EDITORIAL BOARD

◀◀◀ ADVISOR ▶▶▶



Sri Gautam Talukdar

Assistant Professor and HoD

◀◀◀ BOARD MEMBERS ▶▶▶



Mrs. Chandana Dev

Assistant Professor



Mr. Angshuman Goswami

Assistant Professor, Electrical



Mrs. Jumpi Dutta

Assistant Professor



Mr. Pankaj Borah

Assistant Professor



◀◀EDITORS▶▶



Golam Imran Hussain
Assistant Professor



Dr. Rakcinpha HatiBaruah
Assistant Professor

◀◀STUDENT EDITORS▶▶



Shivanga Kumar Gogoi
6th Semester



Abhishek Nath
6th Semester



Debolina Saikia
6th Semester

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[Power Electronics & Instrumentation Engineering Community, JIST](#)



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