



PEI CHRONICLES

Quarterly Newsletter of Power Electronics & Instrumentation Department
JORHAT INSTITUTE OF SCIENCE AND TECHNOLOGY

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...



Newsletter Highlights

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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.

MESSAGE FROM THE HOD

Warm Greetings !

I am quite happy to share that the second 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.



Sri Gautam Talukdar

*Assistant Professor and HOD,
Power Electronics and
Instrumentation Engineering*

DEPARTMENTAL ACTIVITIES

First Newsletter entitled “ PEI Chronicles “ of Power Electronics and Instrumentation Engineering Department, Jorhat Institute of Science and Technology was published in 6th January, 2022.

CIE-III for session 2021-22 was conducted in 1 st week of January, 2022.

A Departmental meeting was held on 14 th February, 2022 regarding the following matters

- Syllabus preparation of B.Tech. 8 th Semester of Power Electronics and Instrumentation Engineering under ASTU.
- IA marks preparation of B.Tech. odd semester for the session 2021-22.

3rd ,5th and 7th Semester Lab Exams, Internship Presentation , Project Seminars were conducted between 8 th March, 2022 to 16 th March ,2022.

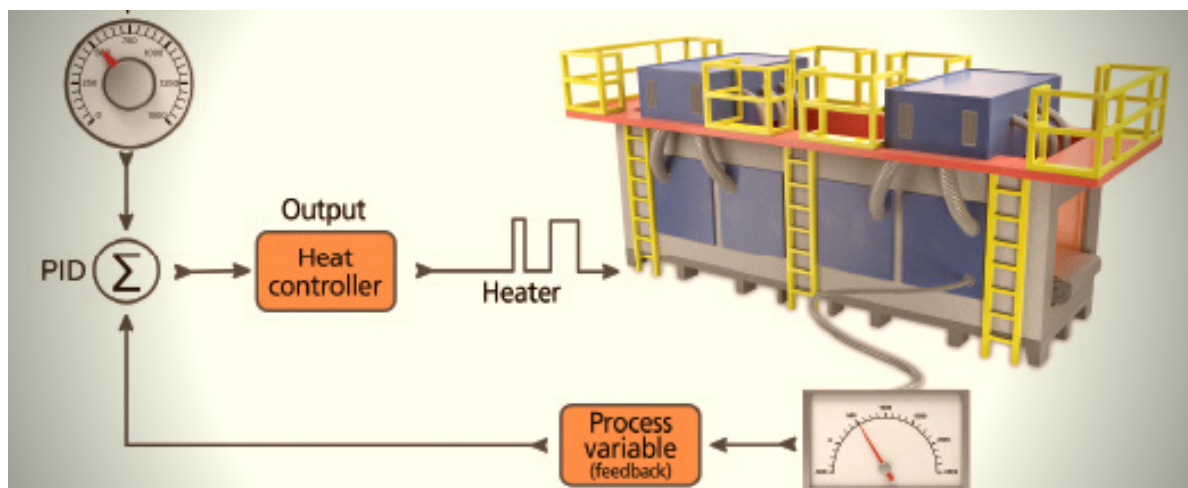
Mr. PranabJyoti Haloi , Assistant Professor Department of Electrical Engineering, Jorhat Engineering College was invited as an External Examiner for B.Tech. 7 th Semester project seminar on 8th March, 2022.

A Departmental meeting was held on 21 st March, 2022 regarding the following matters

- Subject allotment for even semester classes to the respective faculties.

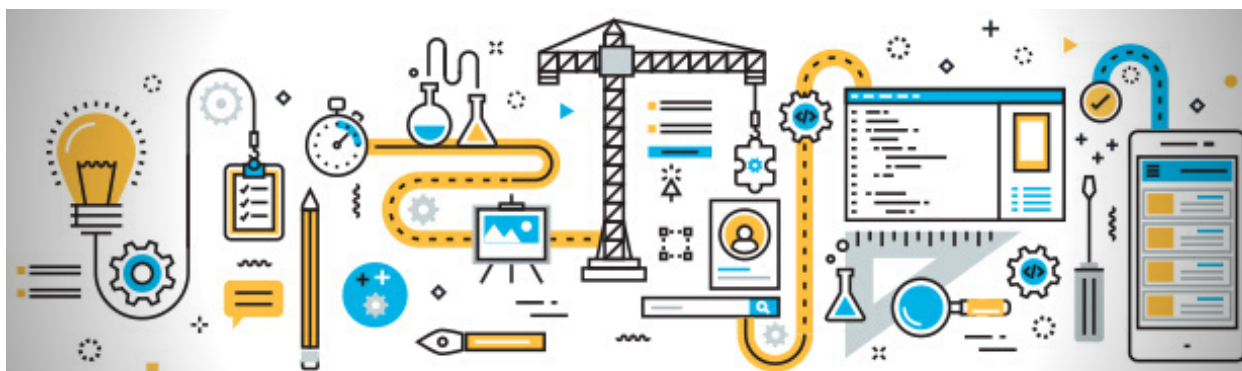
The rubric for final year project internal marks was adopted as prescribed by the Principal, JIST via email dated 23 rd March 2022.

B. Tech. 8 th semester classes have commenced on 21 st March, 2022 and B. Tech. 4 th Semester and 6th semester classes have also been commenced on 28 th March, 2022.



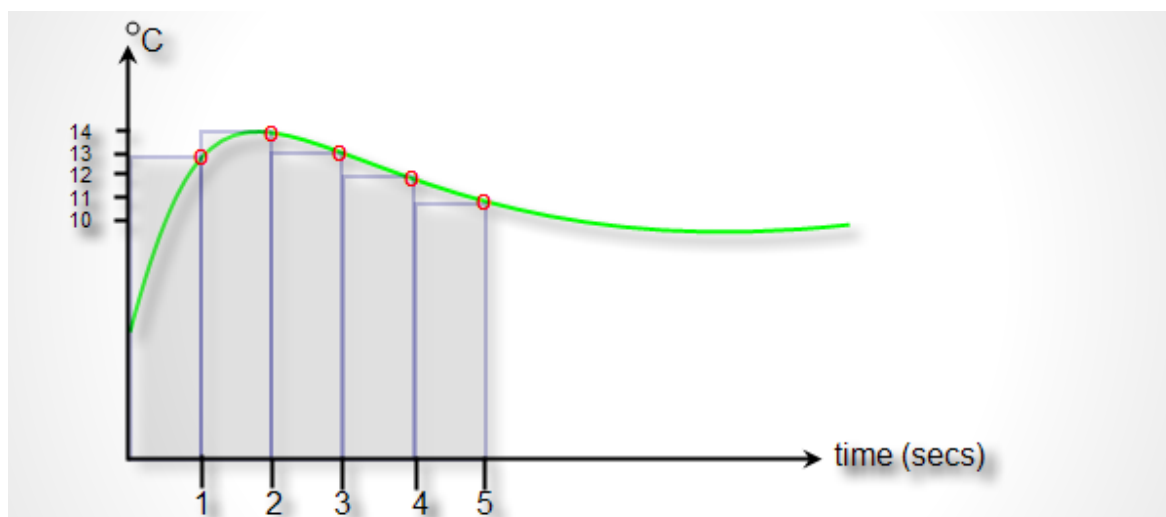
FACULTY ACTIVITIES

- Dr. Tapan Das (ex-HoD, Department of PEI) received and offer to join as Research Scientist at Tufts University, Medford, USA.
- Sri Gautam Talukdar has participated in one week online faculty development programme on "Challenges & opportunities in Electric Vehicle (COEV-2022)" organized by the Department of Mechanical Engineering, Indraprastha Engineering College, Ghaziabad for the duration of 17th January to 21st January, 2022.
- Sri Gautam Talukdar has participated in one week online faculty development programme "Emerging Technology on Electrical & Allied Engineering "(ETEAE-2022) organized by Department of Electrical Engineering, BIT Sindri, Dhanbad from 27th January to 31st January, 2022.
- Sri Gautam Talukdar has successfully completed 3 days short term training programme through ICT Mode on "Values and Ethics for Professionals" organized by NITTTR Kolkata from 16th February to 18th February, 2022.
- Sri Gautam Talukdar has participated and completed AICTE training and learning (ATAL) Academy online FDP on " Advanced FDP on " Artificial Intelligence in contemporary Biomedical and Healthcare applications: Fundamentals & Hands on Matlab from 21st February to 25th February, 2022 at Gautam Buddha University, Greater Noida, U.P.
- Sri Gautam Talukdar has successfully participated in IP awareness/ Training Program under National Intellectual Property awareness mission on 25th February, 2022.
- Sri Gautam Talukdar was appointed as Assistant Officer in Charge of B.Tech. 7th Semester End Term Examination, 2021(22) under ASTU.
- Sri Gautam Talukdar was appointed as the External Examiner for the B.Tech. 3rd Semester End Term Examination, 2021(22) for Analog Electronics Lab and Digital Electronics Lab held on 7th March, 2022 and 9th March, 2022, in the Department of Instrumentation Engineering, Jorhat Engineering College, Jorhat.
- Sri Gautam Talukdar has been engaged as HOD, Department of Power Electronics and Instrumentation Engineering on 17 th March, 2022.



FACULTY ACTIVITIES

- Mr. Angshuman Goswami attended a one-week FDP on "Universal Human value-1" , online conducted by AICTE, from 28th February to 4th March.
- Mr. Angshuman Goswami was Appointed as the Training and Placement Officer, JIST
- Mrs. Jumpi Ditta attended One Week FDP on "Research Essentials" organized by Department of Computer Science and Engineering, Chandigarh University, Mohali, Punjab, held from 31st January to 5th February 2022.
- Mrs. Jumpi Dutta was appointed as the external examiner for the 3rd semester B.Tech Transducers Lab held on 8th March 2022 in the Department of Instrumentation Engineering, Jorhat Engineering College, Jorhat.
- Mr. Pankaj Borah attended an FDP on "Recent Trends in Renewable Energy" from 31st January to 4th February 2022, in Government Engineering College.
- Mr. Pankaj Borah attended an FDP on "Avenues for Energy Conservation in Thermal Power Plants" from 7th February to 11th February 2022, in Anna University.
- Mr. Pankaj Borah attended an FDP on "Electric Charging Station for Vehicles" from 21st February to 25th February 2022, in Government Engineering College, Thrissur.
- Mr. Golam Imran Hussain was appointed as Examiner for Internship-II(SAI-Academia), B.Tech 5th Semester End term Examination 2021(22)
- Mr. Golam Imran Hussain was appointed as Examiner for Internship-III(SAI-Industry), B.Tech 7th Semester End term Examination 2021(22)

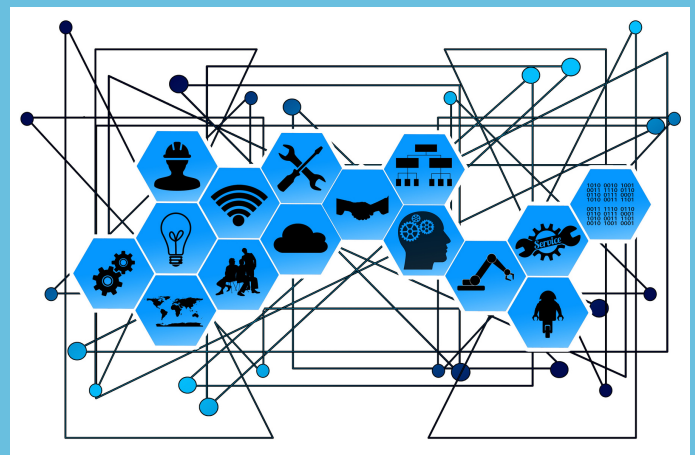


STUDENT ACTIVITIES

- Jinti Rabha and Sinchita Das, students of 4th semester, participate in PYROKINESIS (Robo Soccer robotic competition) held in Assam Engineering College.
- Siddhartha Sekhar Phookan, student of 6th Semester, done academic internship in ONGC, Sivsagar, Assam.
- Kantha Jyoti Sharma and Debodutta Nath Chaudhury, students of 8th semester, got selected in CRTD Technologies Pvt. Ltd. as Business Development Associate
- Kantha Jyoti Sharma, student of 8th Semester, undergone Internship on "Machine learning with python" at Verzeo Industrial for 2 months with Letter of recommendation.
- Sinmoy gogoi, student of 8th Semester, got placed in CRTD Technology.

ALUMNI SECTION

- Gulanchsmi Gayatri Crouchadwip is currently working at TeamLease Edtech.
- Gulanchsmi Gayatri Crouchadwip worked for Mizoram University online admission department
- Anurag Gogoi is currently working as Assistant System Engineer, Tata Consultancy Services Ltd Chennai.
- Jiwajyoti Mahanta is currently working as Research Scholar in Chemical Engineering in Indian Institute of Technology, Guwahati, Assam.
- Swarup Nandan Gogoi is Pursuing MBA from Dibrugarh University Assam.





EDITORIAL BOARD

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*Assistant Professor
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