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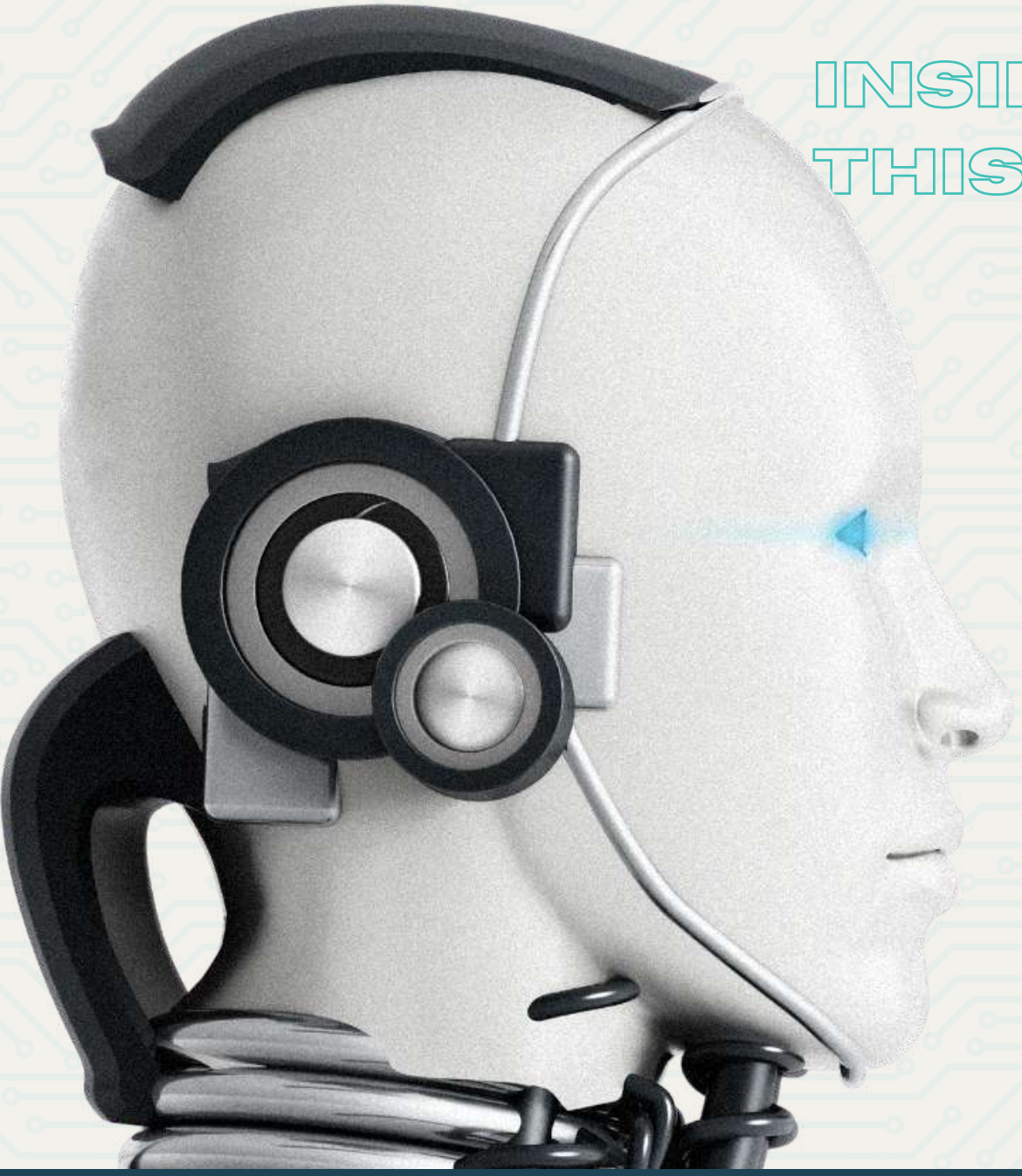

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VISION:

To prepare academically excellent, research oriented, competent resources through quality and value based education and to carry out research and technology in relevant field of engineering to meet the needs of current industries, society and nation

MISSION:

To provide students with the theoretical knowledge blended with practical skills thereby building core competence of students

To build up leadership quality and professional creativity in our students

To carry out research through constant interaction with research organization and industry

To enable students to organize various technical events which will bring out their inherent talents.

ABOUT THE DEPARTMENT

The Department of Electronics and Telecommunication Engineering (ETC) was established in the year 2009. The Department of ETC offers .B.Tech programme(4years) in Electronics and Telecommunication Engineering. Since the inception, the Department offers wide range of courses which address almost the entire arena covering VLSI, Microwave engineering,Communication, linear electronics, signal processing to mention a few. The department aims to create competent Electronics and Telecommunication engineers to serve the needs of modern advance technology and the nation as a whole. To compete these the department has well equipped laboratories like Electronics Device lab, analog electronics lab, VLSI lab, Microprocessor, Embedded system lab ,Optical Communication lab ,Communication lab, measurement lab mentioning a few with various modern software's and instruments. Keeping in mind of day to day advancement in electronics technology, the syllabus of the programme has been updated with new credit system(Credit Based Assessment System) following the model syllabus provided by AICTE. Students of ETC do their internship training at different organizations like BSNL,OIL,ONGC,NRL, in research labs etc. Passed out students have been successfully placed in different leading organizations like Capgimini,TCS ,Wipro, Zaloni etc with some of the students have pursued higher studies in IITs ,IIMs and in abroad.

FROM HOD'S DESK

"Welcome to the Department of Electronics and Telecommunications (ETC), JIST, a Assam! We, the Department of ETC, feel our enthusiasm to publish the 3rd issue of our departmental newsletter, "Bits and Bytes" as a reflection of departmental activities. I, as a head of the department would like to thank all the faculty members, non-teaching staffs ands students for their limitless support and sincere efforts for the betterment and development of department. On this occasion, I congratulate all the team members of the editorial board for bringing up this issue in a better shape"

MR. PRANJAL DAS
ASSISTANT PROFESSOR and
HEAD OF THE DEPARTMENT
DEPARTMENT OF E.T.C

DEPT ACTIVITIES

- Mini project groups were formed and guide allotment was done on 19th April 2022
- CIE-1 for the 4th, 6th, 8th semesters were held on 28th, 29th and 30th of April 2022.
- CIE-2 for the final semester was held on 24th and 25th of May 2022.
- NC-DC list of 8th semester were submitted on 26th May 2022
- A departmental farewell was organized for the 2022 outgoing batch on 29th May 2022
- CIE-3 for final semester was held on 7th and 8th of June 2022.
- CIE-2 for the 4th, 6th, 8th semesters were held on 7th, 8th and 9th of June 2022.
- Tutorial Courses like Scilab and Python were decided for 4th, 6th and 8th semester students on 15th June 2022
- End semester final examination for 8th semester were held from 14th June to 23th June 2022
- NC-DC list of 4th and 6th semesters were submitted on 24th June 2022
- 8th semester general Viva-3 and Project-2 were conducted on 25th and 28th of June 2022 respectively.
- Mrs. Bhagyashree Deka was appointed as the editor of the Dept. Newsletter on 27th June 2022.
- Dr. Ashim Jyoti Gogoi, Assistant professor of Assam Kaziranga University, Jorhat was invited as an External for the Project-2 Seminar of the final year Project on 28th June 2022.

FACULTY ACTIVITIES

- Mr. Pranjal Das participated in a Webinar on “Sustainable Development and Renewable Energy IOT based Smart City Infrastructure and its application model Confirmation” organised by Institution of Engineers (India) on 29th March 2022
- Mr. Pranjal Das attended “Pareeksha pe Charcha” with Hon’ble PM organized by Govt of India on 1st April 2022.
- Mr. Pranjal Das was invited as a guest by Sotai Bagan LP School on the occasion of Utsav Vidyarambha on 1st April, 2022
- Mr. Pranjal Das participated in Faculty Training Program on "Industry 4.0" organized by IEEE India council on 2nd and 3rd April 2022
- Mr. Pranjal Das was appointed as a member of Institute Level Transfer Committee on 8th April 2022
- Mrs. Bhagyashree Deka attended a workshop on“ Python Training for Scientific Computing and Data Science”organized by Students’ Academic Board, IIT Guwahati on April 2022
- Mr. Pranjal Das participated in a Webinar on “Conducting a Literature Review” organised by Clarivate on 19th April, 2022
- Mr. Pranjal Das participated in STTP Refresher Course on “Research Methodology” organized by NITTTR Kolkata during 18th-29th April, 2022
- Mr. Pranjal Das participated in Workshop on Mental Health Care and Artificial Intelligence organised by dept. of EEE, IIT Guwahati from 29th-30th April 2022
- Mr. Pranjal Das was appointed as a member for the award of “Best Kept Hostel” Committee on 12th May 2022

FACULTY ACTIVITIES

- Mr. Pranjal Das was appointed as a member of Campus Development Committee on 24th May 2022.
- Mrs. Bhagyashree Deka successfully completed online "the Inner Engineering Completion" program conducted by Sadhguru on May 2022
- Mr. Pranjal Das was appointed as a member of Prioritization of list of equipment's for AICTE compliance Committee on 25th May 2022
- Mr. Pranjal Das was appointed as a member of IQAC cell on 27th May 2022.
- Dr. Sanyukta Chetia attended a National Level Two-Day Faculty Development Program on "5G Antenna Design with AIML Applications using HFSS" organized by Department of Electronics and Communication Engineering, St. Martin's Engineering College, Dhulapally, Secunderabad, T.S, India from 27th May 2022 to 28th May 2022
- Mr. Pranjal Das participated in a 15-day training course on "Mental health care and Biostatistics" organised by dept. of EEE, IIT Guwahati from 30th May to 15th June 2022.
- Mrs. Kabita Chaudhury have attended two week STTP online on " Induction training programme phase-I " from 30th May to 10th June organised by NITTTR Kolkata.
- Mr. Pranjal Das was appointed as Convenor of Remuneration Monitoring Committee on 31st May 2022
- Mr. Satyajit Das has attended a ICMR sponsored One day seminar on "Machine learning for medical image analysis", organized by Tezpur University on 31st May 2022
- Mr. Satyajit Das has attended a 7 days Training on "Hands-on Training Programme on Computation, Fabrication and Characterization of Devices and Systems" under DST-STUTI programme of Govt of India, organized by Tezpur university and NIT, Agartala from 13th June to 19th June 2022

FACULTY ACTIVITIES

- Mr. Pranjal Das was Appointed as a member “JIST Election Software Competition” Committee on 16th June 2022
- Dr. Sanyukta Chetia attended a two-weeks Faculty Development Program on “Artificial Intelligence and Data Science” organized by E & ICT Academy, National Institute of Technology, Warangal In Association with JSS Academy of Technical Education, Bengaluru from 20th June 2022 to 30th June 2022.
- A book chapter titled “Green synthesis of cerium oxide nanoparticles and its recent electrochemical sensing applications: a study “ in the book named "Handbook of Sustainable Materials: Modelling, Characterization, and Optimization” authored by Mr Satyajit Das and Prof. Partha Pratim Sahu was published by CRC Press, Taylor and Francis on June 2022
- Mrs. Bhagyashree Deka successfully participated in the international yoga day organised by women’s cell JIST on 21st June 2022
- Miss Sikha Swarnakar successfully participated in the international yoga day organised by women’s cell JIST on 21st June 2022
- Miss Swati Singh successfully participated in the international yoga day organised by women’s cell JIST on 21st June 2022
- Miss Sikha Swarnakar appointed as a Project coordinator of 8th semester on 28th June 2022.

STUDENT ACTIVITIES

- Yash Gupta, a student of 8th started working as a Software Engineer with a US-based startup called Sanas.ai and also got placed in ITC Infotech as Associate IT Consultant.
- Raj Karmakar, a student of 8th semester got admitted in IIST Kerela.
- Apurba Loying,a stuent of 8th semester got admitted in IIT,Guwahati.
- Rajdeep Chakraborty, a student of 8th semester got placed in HCL as a Graduate Engineer.
- Bhaskar Wary,Venkatesh Kashyap and Deba Prasad Das ,students of 8th semester got placed in Pentagon Space Private Limited as Java Full Stack Developer Training.
- Abhishek Chakraborty,a student of 8th semester got placed in KPIT as Trainee Engineer.
- Ritumoni Sharma,a student of 8th semester got placed in BYJU's as Business Development Associate.
- A group of 22 students participated in Northeast Research Conclave (NERC-2022) organised by IIT Guwahati from 20th May to 22nd May,2022
- Anubhab Sarma ,a student of 4th semester pariticipated in the Online Cyber Safety, and Security Quiz organised as a part of Northeast Research Conclave(NERC-2022) conducted by Information Security Education and Awarness(ISEA) Project Phase-II,Ministry of Electronics and Information Technology (MeitY),Government of India.
- Anubhab Sarma,a student of 4th semester has successfully completed the training for GDC FieldOps Cadet Training Program.
- Jaswant Ojah and Riznaz Hussain ,students of 6th semester participated in All Assam Prize Money Inter Institution Science and Technology Quiz Competiton on 10th April,2022.

STUDENT ACTIVITIES

- Chandan Rajbongshi,a student of 6th semester worked with Interwork,Lapolo and also has done 45 days internship in Apex Acreages Private Limited as React js Developer and UI designer.
- Chandan Rajbongshi,a student of 6th semester got selected for interview process in Coalitions Technologies ,Los Angeles(USA)
- Jaswant Ojah , a student of 6th semester has participated and scored a match winning 103 runs in 59 balls in a Club Committee League Division B on 24 Jan 2022.
- Raktim Deb, a student of 6th semester has participated in Indo-US VAJRA Course on "Fundamentals of Electromagnetics" EMF-2022,held during 26-30 June 2022 ,and scored 90 out of 100 in MCQ test.
- Raktim Deb,a student of 6th semester has participated in the Online Cyber Safety and Security Quiz organised as a part of Northeast Research Conclave (NERC-2022) conducted by Information Security Education and Awarness(ISEA) Project Phase-II,Ministry of Electronics and Information Technology (MeitY),Government of India.
- Below students cleared CDAC C-CAT exam
  - Aasrita Bharadwaj (AIR -18)
  - Amartya Choudhury (AIR -60)
  - Koustubh Moni Deka (AIR - 111)
  - Gourab Kalita (AIR - 215
- Somdutta keshori a student of 8th sem got placed in Infosys

ALUMNI SECTION

- Debajit Deb ,an alumnus of 2021 batch is currently working as a Software Engineer in Onsolve
- Pranjal Kalita,an alumnus of 2021 batch is currently working as a NMT Engineer in Bharti Airtel
- Akib Ali Sarkar, an alumnus of 2021 batch is working as Assistant System Engineer in Tata Consultancy Services(TCS)
- Gourav Kumar Dey,an alumnus of 2021 batch is working as a Software Development Engineer in Master India
- Priyanka Boro and Darsana Das,an alumni of 2021 batch are currently working as System Engineer in Infosys
- Angshuman Pathak,Sourav Pratim Borah and Neeraj Nath,an alumni of 2021 batch are currently working as System Engineer in Infosy
- Rupam Bora and Supratim Debnath ,an alumni of 2021 batch are currently working as Associate System Engineer in Tata Consultancy Services(TCS)
- Krishanu Bora,an alumnus of 2020 batch has cleared GATE 2020 and admitted in M.Tech Programme (Micro Electronics and VLSI Design) under NIT,Silchar
- Manash Bordoloi,an alumnus of 2020 batch has cleared GATE 2020 and admitted in M.Tech Programme (Signal Processing and Machine Learning) under NIT,Surathkal
- Supriya Khatoniar and Kritikesh Maurya, an alumni of 2020 batch got admitted in M.Tech Programme (Electronics Design And Technology) under Tezpur University

ALUMNI SECTION

- Sharukh Sultan, an alumnus of 2020 batch got admitted in MS Programme (Computer Science and Knowledge Discovery) under ETU LETI , Russia
- Adil Lafar Laskar,an alumnus of 2020 batch got admitted in M.Tech Programme (Bioelectronics) under Tezpur University.
- Nilabh Jyoti Borthakur and Priyanka Prasad, an alumni of 2020 batch are currently posted as Assistant System Engineer in Tata Consultancy Services(TCS)

GALLERY SECTION

FAREWELL 2022

EDITORIAL BOARD

ADVISOR

Mrs Bhagyashree Deka
Assistant Professor,ETC

Mrs Kabita Chaudhary
Assistant Professor,ETC

STUDENT MEMBERS

Chandan Rajbongshi
6th sem,ETC

Manjit Kalita
6th sem,ETC

Anubhab Sarma
4th sem,ETC