



NITS प्रगति वार्ता

PRAGATI VARTA

Biannual Newsletter of NATIONAL INSTITUTE OF TECHNOLOGY SILCHAR



WORDS FROM THE DIRECTOR

I have the pleasure of welcoming you to read the second issue of *Pragati Varta*, the official newsletter of NIT Silchar.

The present edition continues to provide a window into the life of NIT Silchar, depicting the *Pragati* (progress) of our esteemed institution. This newsletter has emerged as an important document that foregrounds our cutting-edge academic endeavours, alongside our recent accomplishments in sports, cultural, technical, and social spheres.

Pragati Varta is more than just a newsletter; it is a collaborative narrative. I encourage every member of NIT Silchar to engage with and contribute to this newsletter actively. Your successes, innovations, and milestones make this publication a reflection of our aspirations and achievements.

Once again, I want to express my appreciation for the hard work of the editorial team. The dedication of the members ensures that this initiative has been a successful one. Let us hope to continue this splendid journey of sharing our successes and inspiring one another to reach new heights.

Prof. Dilip Kumar Baidya

Director, NIT Silchar

EDITORIAL NOTE

We are pleased to bring to you the second issue of the NIT Silchar newsletter, *Pragati Varta*. The first edition generated considerable attention, which has encouraged us to continue this initiative of showcasing the achievements of our esteemed institution. *Pragati Varta* underscores our commitment to fostering stronger connections and documenting the relentless pursuit of excellence that defines our institution.

In the second issue, we continue to fulfil the promise of our name, *Pragati Varta*, by capturing the progress of our institute. The present newsletter highlights our recent research breakthroughs, academic achievements, campus activities, and the inspiring journeys of our talented students, dedicated faculty, and distinguished alumni. The period covered by this issue has been one of prosperity, exhibiting our unwavering pursuit of excellence.

We are grateful to everyone who contributed to this issue: our dedicated writers, Obiettivo, the photography club of NIT Silchar, the Training & Placement Cell, departmental coordinators, and all those who helped us by sharing their invaluable insights and experiences. Our collaborative efforts translate this vision into life.

We hope this newsletter continues to inform, inspire, and ignite conversations that will help shape a bright future for NIT Silchar.

Editorial Team

Pragati Varta, NIT Silchar

EDITORIAL TEAM



Prof. P.K. Patowari
(Chairperson)



Dr. Koushik Guha
(Member)



Dr. Soma Panja
(Member)



Dr. Sumallya
(Convenor)



Dr. Praveen Gupta
(Faculty Advisor LPFA)



Harsh Kumar
(Joint Executive LPFA)



Prabhat Rai
(Design Head LPFA)



Aman Das
(Jr. Executive LPFA)



Parth Suryavanshi
(Jr. Executive LPFA)

INSTITUTE UPDATES

- According to the **NIRF Rankings 2025**, NIT Silchar is ranked 50th among Indian engineering schools and **9th among NITs**, illustrating its superiority in both academics and research. This accomplishment demonstrates our commitment to high-quality pedagogy, creativity, and the overall development of students, solidifying our standing as a pioneer in technical education and research.



- NIT Silchar has achieved a milestone by being ranked in the **801–1000** band in the **Times Higher Education World University Rankings 2026**. This accomplishment highlights the institute's growing global presence and its ongoing efforts in research, teaching, and international outlook. NIT Silchar continues to stand out among India's top institutions.



- NIT Silchar takes immense pride in **15** of its esteemed **faculty members** being recognised among the **top 2% of scientists** worldwide, as per a prestigious study by **Stanford University** and **Elsevier**. This remarkable achievement portrays their outstanding contributions to research and innovation across various domains, further strengthening the institute's global reputation.

Their dedication and excellence in scientific research continue to inspire the next generations, reinforcing the status of NIT Silchar as a hub of academic brilliance and technological advancement.

AWARDS

- NCC-NIT Silchar was awarded the **Best Technical Institution** of the **NCC Directorate of the Eastern Region**. **Lt. Colonel Saurabh Chamoli, Commanding Officer 3 Assam Battalion**, handed the Best Technical Institution award banner to Honourable Director Prof. Dilip Kumar Baidya at NIT Silchar Campus.
- **Ministry of Sports & Youth Welfare, Government of Assam**, has announced that NIT Silchar's institute Associate NCC Officer **Lt. Dr Rama Koteswara Rao Kondasani (Commission No: 10110161)** is the **Best NCC Officer** for the year 2024-25. He was also presented with a modest cash prize by the ANO of NIT Silchar.



SEMICON INDIA 2025

In a landmark institutional achievement, NIT Silchar's indigenously designed **Neural Amplifier Frontend IC (C2S0042)** was showcased to the **Hon'ble Prime Minister, Shri Narendra Modi**, at the prestigious Semicon India 2025.

This "Made-in-India" chip was designed by a team from the **Department of Electronics and Communication Engineering**, led by **Prof. K. L. Baishnab, Dr. Koushik Guha**, and **Dr. Sourav Nath**, under the **MeitY C2S initiative**.

This significant accomplishment, also lauded by the Hon'ble Chief Minister of Assam, Dr. Himanta Biswa Sarma, marks a major contribution from NIT Silchar to India's burgeoning semiconductor ecosystem.



79TH INDEPENDENCE DAY AT NIT SILCHAR



The 79th Independence Day was solemnly observed on 15th August at NIT Silchar. It was attended by students, faculty, and staff members. The event included the address by the Honourable Director, Prof. Dilip Kumar Baidya, followed by the parade, cultural performances, prize distribution, and a voluntary blood donation camp, concluding with the playing of the National Song of India.

OIKYOTAAN 2025



To mark the dawn of the **Bengali New Year**, NIT Silchar celebrated its annual cultural fest, **Oikyotaan 2025**. Hosted by the students of the institute, the day-long event commenced with a spirited morning rally, transforming the campus with colourful banners, music, and street performances that captured the essence of Bengali culture. The celebration, open to all, was a confluence of tradition and creativity, featuring an array of cultural programs, food, and music. The festivities culminated in an energetic evening at the Sports Complex, where electrifying performances by popular bands Insync and The Radical Array Project (TRAP) brought a memorable close to a day dedicated to shared joy and cultural pride.

POSUA 2025



NIT Silchar celebrated **Posua 2025**, its annual **Rongali Bihu festival**, with immense grandeur and cultural fervour. This lively presentation of Assamese tradition, marking the Assamese New Year, featured traditional Bihu performances and regional music. The day began with a majestic cultural rally celebrating regional diversity, followed by a flag hoisting ceremony, a plantation drive, and art competitions. The evening's events included the inauguration of the souvenir "Borhomthuri," prize distributions, and various cultural performances by students and faculty. The celebration was headlined by a captivating live performance from renowned Assamese singer Zublee Baruah, who enthralled the entire institute community and brought the festivities to a memorable peak.

CONFERENCES

- NIT Silchar hosted the first **IEEE North-East India International Energy Conversion Conference & Exhibition (NE-IECCE 2025)** conference from 4 to 6 July 2025. It was organised by the **Department of Electrical Engineering** in association with the **IEEE Industry Applications Society Joint Chapter**, and **IEEE Silchar Subsection**. The objective of the conference was to provide a unique platform for researchers, practitioners, industry delegates, technocrats, and policymakers from academia and industry to share and promote recent research accomplishments and innovations for the sustainable development of industry and society. The conference brought together diverse professionals to share their insights on sustainable energy conversion, transport electrification, smart grids, electric mobility, AI in energy systems, and emerging sustainable technologies.



- The **2nd International Conference on Signal Processing and Computer Vision (SIPCOV 2025)** was held at the **Department of Electronics and Communication Engineering, NIT Silchar**, from 8 to 9 August 2025. The event featured 7 keynote addresses and 35 papers. Additionally, tutorial talks were delivered by Dr. Arun B. Alosious (IIT Guwahati), Dr. M. W. P. Maduranga (University of Sri Jayewardenepura, Sri Lanka), and Dr. Neha Tyagi (Amity University Noida). With delegates of leading institutions from across four different countries, SIPCOV 2025 served as a global platform for advancing research in signal processing, computer vision, and related domains.



SPARC PROJECTS

- The **Department of E&IE and Management Studies** jointly organised a **SPARC-funded course on Digital Payments and Digital Money** from 23 to 30 June 2025. The programme provided insights into digital payment systems, fintech innovations, and blockchain technology shaping modern banking. Led by **Dr. Hari Krishna Garg** from the **National University of Singapore**, the course focused on design thinking, customer-centric innovation, and India's evolving digital finance ecosystem through engaging case studies and workshops.
- The **Department of E&IE and Management Studies** jointly organised a **SPARC Workshop titled Role of AI and Software in Transforming Education** from 22 to 23 July 2025 at NIT Silchar. The two-day SPARC Workshop explored the transformative impact of Artificial Intelligence and educational software on modern teaching and learning practices. Participants gained insights into AI-driven personalisation, smart learning tools, and digital pedagogy, edtech aligned with NEP 2020. The workshop included expert talks and interactive discussions with academicians from NUS Singapore, IIT Roorkee, IIT Guwahati, NIT Silchar, and Assam University.
- **Dr. Ranjay Hazra** received a **SPARC Project titled Inclusive Economic Development of India via Digital STEM&L Education** from the Government of India. The project has a duration of 2 years, and the total budget is 49.30 lakhs. As a part of this project, the foreign PI has visited NIT Silchar for 45-50 days in both year one and year two, respectively. As part of the deliverables, the foreign PI, **Dr. Garg from NUS Singapore**, has taught two courses and organised two workshops. Additionally, one Indian student has visited NUS Singapore for 15 days, and another will be visiting NUS shortly for a 3-month period. Such academic exchange testifies to the success of the entire project.
- The **Department of Electrical Engineering**, NIT Silchar successfully organised a three-day workshop on **Control Strategies for Wind Energy Conversion Systems** from 30 August to 1 September 2025. Sponsored by the **SPARC** of the Ministry of Education, Government of India, the workshop brought together experts and researchers to discuss advanced control strategies and emerging developments in **Wind Energy Conversion Systems (WECS)**. The event was coordinated by **Prof. Rukmi Dutta (University of New South Wales)**, **Prof. Lalit Chandra Saikia**, and **Dr. Dulal Chandra Das (NIT Silchar)**.

Workshop on
Control Strategies for Wind Energy Conversion Systems
August 30 – September 1, 2025
Organized by: Department of Electrical Engineering, National Institute of Technology Silchar
Sponsored by: Scheme for Promotion of Academic and Research Collaboration (SPARC), Ministry of Education, Govt. of India

ABOUT SPARC
Scheme for Promotion of Academic and Research Collaboration (SPARC) aims at improving the research ecosystem of India's Higher Educational Institutions by facilitating academic and research collaborations between Indian Institutions and the best institutions in the world from 28 selected nations to jointly solve problems of national and/or international relevance.

ABOUT EE DEPARTMENT, NIT SILCHAR
The Department of Electrical Engineering, NIT Silchar offers B.Tech in Electrical Engineering and M.Tech in two specializations: (i) Power and Energy Systems Engineering and (ii) Control and Industrial Automation. It also offers well integrated Ph.D. programme in the frontier areas of Electrical Engineering. The department has state-of-the-art lab facilities, including the Machine Lab, Power Systems Lab, Advanced Control Lab, Microprocessor & Embedded Systems Lab, and Computational Lab. It regularly organizes seminars, workshops, and conferences at national and international levels. The faculty members specialize in diverse fields, fostering a strong research environment.

RESOURCE PERSONS
Professors from the University of New South Wales (UNSW), Australia and NITs will be handling the session.

COORDINATORS
Dr. Rukmi Dutta (Professor)
Department of Electrical Engineering and Telecommunications, University of New South Wales (UNSW) Sydney, Australia
Dr. Lalit Chandra Saikia (Professor)
Department of Electrical Engineering
National Institute of Technology Silchar, Assam
Dr. Dulal Chandra Das (Associate Professor)
Department of Electrical Engineering
National Institute of Technology Silchar, Assam

WORKSHOP VENUE
Seminar Hall
Department of Electrical Engineering
National Institute of Technology Silchar, Assam

TARGET AUDIENCE
Faculty members, Research Scholars, PG and Students, Persons from Industries, and Research Institutes (Applicable for all disciplines of Engineering and Basic Science). The entry is restricted to participants and it will be on a first come first serve basis. Shortlisted participants of the workshop will be intimated via email.

REGISTRATION
Registration fee: NIL
Mode of Workshop: Hybrid
Last date of registration: 24/08/2025
Registration Link: <https://forms.gle/KK1ddBgVMe7U1MTY>

CONTACT
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Mob: 9435172774

ORGANIZER
Chief Patron: Prof. Dilip Kumar Baidya, Director, NIT Silchar
Patrons: Prof. N. B. Dev Choudhury, Dean (R&C), NIT Silchar; Dr. Tanmoy Malakar, HOD, EE Department
Organizing Committee Members: All faculty members of the Electrical Engineering Department

"Upon successful completion, participants will be awarded certificates"

GIAN COURSES

- **Dr. Ranjay Hazra (Associate Professor, E&IE)** convened the GIAN course titled "6G Networks." The principal instructor of the course was **Prof. Ramjee Prasad, Emeritus Professor, Aarhus University, Denmark**. It was held from 28 March to 3 April 2025.



- **Dr. Shivendra Kumar Pandey (Assistant Professor, E&IE)** convened the GIAN course titled "Chalcogenide-based Phase Change memory for Non-Volatile Data Storage." The principal instructor of the course was **Dr. Andriy Lotnyk, Leibniz Institute of Surface Engineering, Germany**. It was held from 28 July to 1 August 2025.



- **Dr. Koushik Guha (Associate Professor, ECE)** convened the GIAN course titled "Implantable Artificial Kidney for Future Kidney on Chip Technology." The principal instructor of the course was **Dr. Putrya Boris Mikhailovich, Associate Professor, National Research University of Electronic Technology, Zelenograd, Moscow, the Russian Federation**. It was held from 10 to 14 August 2025.



- **Dr. Taimoor Khan (Associate Professor, ECE)** convened the GIAN course titled "All about Wireless Power Transfer – Antenna, Circuit, Device, and Applications." The principal instructor of the course was **Prof. Naoki Shinohara (IEEE Fellow), Kyoto University, Japan**. It was held from 25 to 29 August 2025.



- **Mr. Sujit Kumar Pattanayak and Dr. Sunilkumar D (Assistant Professor, ME)** convened the GIAN course titled "Microfabrication Techniques and Device Integration: Principles, Processes, and Applications." The principal instructors of the course were **Prof. Mohd Faizul Bin Mohd Sabri, Universiti Malaya, Malaysia**, and **Prof. Rabibrata Mukherjee, IIT Kharagpur, India**. It was held from 7 to 11 September 2025.



FACULTY ACHIEVEMENTS

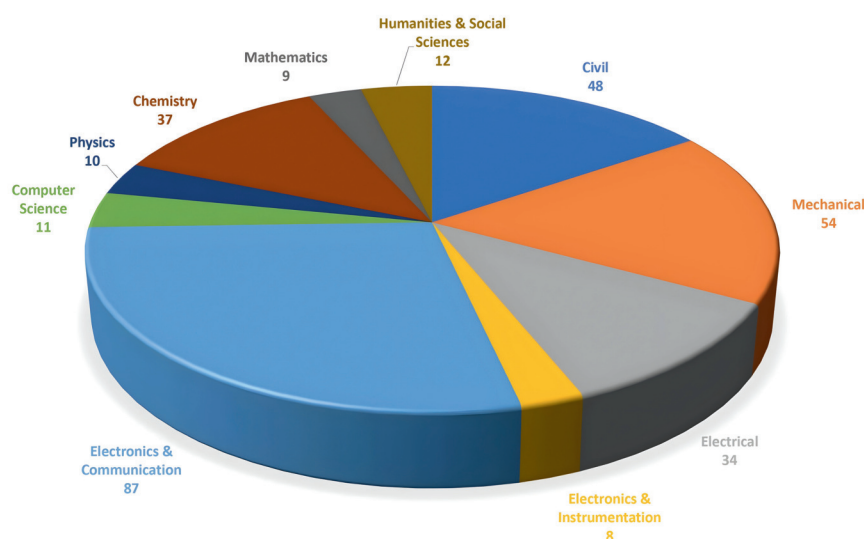
- **Prof. S. H. Laskar (Department of E&IE)** and co-authors are awarded the best paper award at IE2025 – International Conference on Intelligent Environments, held from 23 to 26 June 2025, in Darmstadt, Germany, for their paper titled "**Leveraging Edge Resources for Indoor Localisation for Improved Accuracy.**"
- **Dr. S. K. Pandey (Department of E&IE)** visited **Forschungszentrum Jülich, Germany**, for one and a half months as a part of the Paired Early Career Fellowship in **Applied Research (PECFAR)** 2024 award from **Indo-German Science & Technology Centre (IGSTC)**.
- **Dr. Santan Kumar (Department of Mathematics)** has been awarded the **Institute of Physics (IOP) Trusted Reviewer Status** in recognition of an exceptionally high level of peer review competency.

- **Dr. Snehasish Nandy (Department of Physics)** has become the Early Career Editorial Board Member of **Condensed Matter** Journal and a Technical Committee Member of the **IEEE Magnetics Society**.
- **Dr. Partha Pakray (Department of Computer Science & Engineering)** delivered the keynote address at the 7th International Conference on Computing and Applied Informatics (ICCAI), Universitas Sumatera Utara (USU), Indonesia, in September 2025.
- **Prof. Md. Ahmaruzzaman (Department of Chemistry)** has been declared the best scientist in the National Institute of Technology Silchar by the AD Scientific Index for the year 2025.

- **Dr. Ashish B. Deoghare (Department of Mechanical Engineering)** was invited to serve as an RPS Project Evaluator by AICTE, recognising his expertise in research assessment. He was also selected as a PMRF Evaluator.
- **Dr. Biplab Das (Department of Mechanical Engineering)** served as an Expert Visiting Committee Member for the All India Council for Technical Education (AICTE).
- **Dr. Sukumar Pati (Department of Mechanical Engineering)** delivered an expert talk in the ATAL FDP on “Advancements in Energy Sustainability – Research, Innovations and Industrial Applications (AESRIIA)” held at Sanaka Educational Trust's Group of Institutions, Durgapur, on 26 June 2025.
- **Dr. Somnath Santra (Department of Mechanical Engineering)** was invited as a speaker for the Faculty Development Program (FDP) on “Recent Advances in Computational Fluid Dynamics (CFD) and Its Applications” at PDPM IITDM Jabalpur.
- **Dr. Vinyas Mahesh (Department of Mechanical Engineering)** was inducted as an Editorial Board Member of the *Journal of Applied Biomaterials & Functional Materials* (SCI Journal, published by SAGE).
- **Dr. Agnimitra Biswas (Department of Mechanical Engineering)** mentored four **AICTE-GAINER** projects at various Government Polytechnics in the North Eastern region, contributing to innovation and skill development in technical education.
- **Dr. Sudip Dey (Department of Mechanical Engineering)** served as a resource person for the Two-Week Online Refresher Course on “Optimisation Tools for Engineering Applications” organised by the UGC-Malaviya Mission Teacher Training Centre, JNTUH, Hyderabad, from 7 July to 29 July 2025. He delivered an expert lecture on ‘Quantum Computing for Engineering Optimisation – A Paradigm Shift’ on 22 July 2025.
- **Dr. Sudip Dey (Department of Mechanical Engineering)** delivered an expert lecture on “Probing Digital Twin for 3D Printing under Industry 4.0” at the online Faculty Development Programme on “Advancing Innovation Through Integration of Artificial Intelligence and Robotics with 3D Printing” organized by NIT Arunachal Pradesh under the “Scheme of financial assistance for setting up of Electronics and ICT Academies (Phase-II)” by the Ministry of Electronics and Information Technology (MeitY), Government of India from 02 to 13 June 2025.
- **Dr. Sumallya Mukhopadhyay (Department of Humanities & Social Sciences)** has been elected as the **Asian Representative** in the **International Oral History Association (IOHA) Council (2025-2028)** during the 23rd IOHA Conference in Kraków, Poland, held from 16 to 19 September 2025.

PUBLICATIONS & PROJECTS

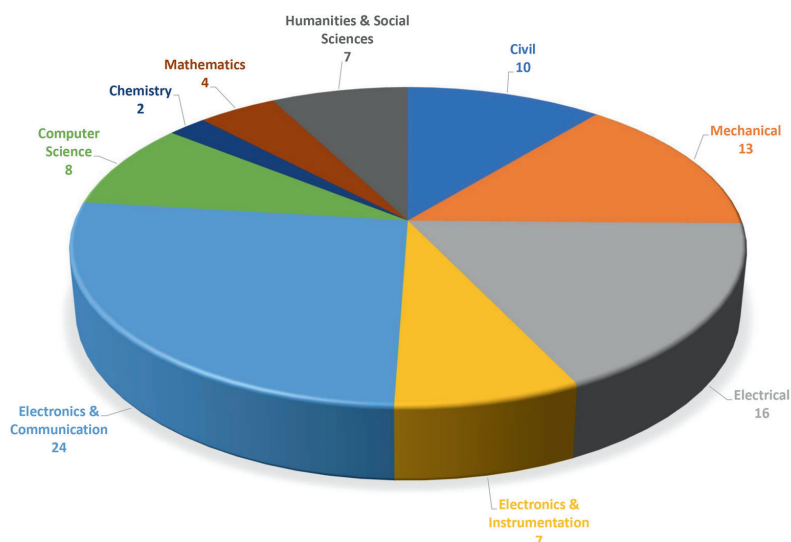
JOURNALS



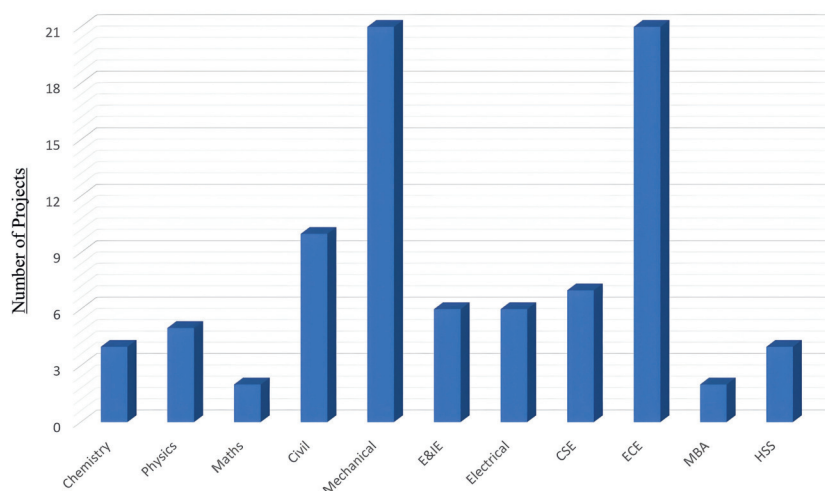
- In the last six months, faculty members and scholars of NIT Silchar have published around 310 research articles in journals of repute indexed in international databases like SCI, Scopus, E-SCI, etc.

- Along with journal papers, our esteemed faculty members and their scholars have around 91 conference proceedings to their credit in the last six months.

CONFERENCE PROCEEDINGS



PROJECTS



- At present, we have around 92 international and national ongoing projects at NIT Silchar. These projects are funded by associations such as CSIR, DST, SERB, BRO, ICSSR, ANRF, among others.

PATENTS

DEPARTMENT OF ELECTRONICS & INSTRUMENTATION ENGINEERING

- A patent has been granted to **Dr. Vipin Chandra Pal, Dr. Sudipta Chakraborty & Dr. Koena Mukherjee**. It was patented in India. **Patent No.: 570216**
- A patent has been granted to **Dr. Anup Kumar Sharma** titled "A PDMS- Based Graphite/Pani/Graphene (G-P-G) Sandwich Transparent Conducting Flexible Sensor Device and Its Fabrication Method thereof." It was patented in India on 2 July 2025. **Patent No: 568297**

DEPARTMENT OF MECHANICAL ENGINEERING

- A patent has been granted to **Dr. Payel Deb, Emon Barua, Sumit Das Lala, and Ashish Bhalchandra Deoghare** titled "Development of composite bone scaffold from Puntius conchonus fish bone-derived hydroxyapatite." It was patented in India on 4 August 2025. **Patent No.: 569552**

DEPARTMENT OF ELECTRICAL ENGINEERING

- A patent has been granted to **Dr. Chayan Bhattacharjee** and **Dr. Pawan Kumar Kushwaha**. It was patented in South Africa on 26 February 2025. **Patent No.: 2024/05482**
- A patent has been granted to **Dr. Chayan Bhattacharjee** titled "A System for Tracking Nutrients in Agricultural Water and a Method for the Same." It was patented in India on 9 June 2025. **Patent No.: 567247**
- A patent has been granted to **Dr. Amritesh Kumar, Dr. Avadh Pati, Anem Veera Venkata Nagaphanindra, Anand Prakash Panchbhai, Joyshankar Bhattacharjee, Ganesh Chilakalapudi and Alankrita** titled "A Dual Active Bridge Based Fast Charging System for Electric Vehicles." It was patented in India on 4 March 2025. **Patent No.: 561824**
- A patent has been granted to **Prof. Saurabh Chaudhury** titled "Ripplet-SVR: A Novel Approach for No Reference Image Quality Assessment using the Ripplet-II Transform and SVR." It was patented in Germany. **Patent No.: 20 2025 100 656**
- A patent has been granted to **Dr. Sreenu Sreekumar** titled "A Novel VI-Shaped Rotor for an Interior Permanent Magnet Motor." It was patented in India in June 2025. **Patent No.: 202531029109A**

Department of Computer Science & Engineering

- A patent has been granted to **Dr. Pinki Roy** titled "Device for Translation of Speech from Hindi to Bengali language." It was patented in India on 6 June 2025. **Patent No: 448464-001**

DEPARTMENT OF MATHEMATICS

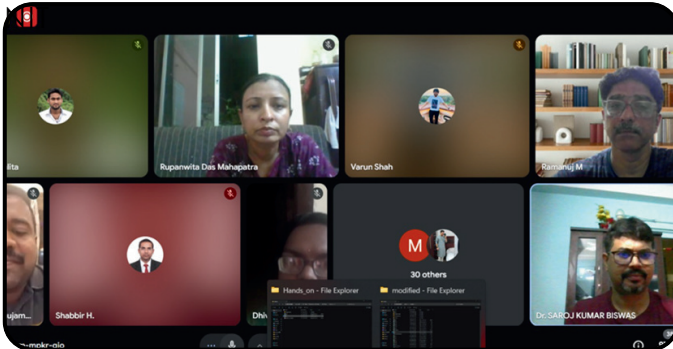
- The **Mathematics Training and Talent Search (MTTS)** programme is esteemed as one of the most significant training initiatives in India since its inception in 1993. From 14 to 19 July 2025, the Department of Mathematics at NIT Silchar successfully conducted this programme, with Dr. **Kedar Nath Das** serving as the local

coordinator. Esteemed MTTS experts, including Prof. Bhaba Kumar Sarma from IIT Guwahati, Prof. Uday Shankar Chakraborty from Assam University, and Dr. Oorna Mitra from IISER Kolkata, provided their invaluable expertise to approximately 50 carefully selected undergraduate students from Northeast India. Additionally, Dr. Debasish Sharma from G.C. College, Silchar, and Dr. Deepjyoti Goswami from Tezpur University mentored the participants throughout the programme.



- Centre for **Artificial Intelligence and Machine Learning for Applications (CAIMLA)** at

NIT Silchar conducted an online Short-Term Training Program (STTP) from 19 May to 1 June 2025. The program attracted a total of 102 participants from across India, aiming to enhance their knowledge of artificial intelligence and machine learning methodologies and techniques. Dr. Kedar Nath Das served as the coordinator.



- The **Department of Mathematics, NIT Silchar**, in collaboration with **ANRF (DST)**, organised a National Workshop on “**Mathematical Modelling and Computational Optimisation: Tools and Applications (M2COTA)**” from 12 to 16 May 2025. The workshop explored key areas such as evolutionary optimisation, deep learning, dynamical systems, soft computing, and biomedical optimisation, offering participants hands-on exposure to advanced computational tools.



DEPARTMENT OF ELECTRICAL ENGINEERING

- A one-week **ANRF-funded** workshop on “**Next Generation Technology for Energy Sustainability & Climate Resilience**” was held from 6 to 10 September 2025. Supported by a grant of ₹3 Lakhs, it had experts and researchers who discussed innovative approaches for advancing sustainable energy solutions and addressing climate challenges. The event was convened by **Dr. Ambrish Devanshu**, with **Dr. Sreenu Sreekumar**.

Committee

Chief Patron Prof. Dilip Kumar Baidya
Director, NIT Silchar

Patrons Prof. Nalin B. Dev Choudhury
Dean (Research & Consultancy)

Prof. B.K. Roy

Chairman Prof. Nidul Sinha

Dr. Tannoy Malakar
HOD, EED, NIT Silchar

Advisory Committee

Prof. S. Choudhury
Prof. A. K. Goumrai
Dr. D. C. Das
Dr. Prasanta Roy
Dr. R. K. Bhowmik
Dr. A. Kumar
Dr. N. Adhikary
Dr. Anurag Paul
Dr. Sreejith S
Dr. Ashish Panigrahi
Dr. M. Balamani
Dr. B. Ganguly

Prof. L. C. Salkia
Prof. J. P. Mishra
Dr. C. Bhattacharyya
Dr. Rajesh Dey
Dr. Subal Ray
Dr. Partha Koyal
Dr. Tapas Pradhan
Dr. Asha Rani M.A.
Dr. S. Manasi
Dr. Vinodkumar S
Dr. Debopriya Sarkar
Dr. Biswajit Sahoo

Registration

Registration fee for external participants INR 2500.
Scan and upload the signed application form using the below google form. Scan the QR code to pay the registration fees.
<https://forms.gle/9A0G11L4Z2a2e1>

Eligibility of Participation

This program is open to Faculty Members, Research Scholars, and M.Tech./M.Sc. and B.Tech. Students of technical institutions, engineering colleges, polytechnics, Universities and other recognized institutions. The number of external participants is limited to 25. Shortlisted candidate will be communicated through email. Certificate will be issued to all participants having attendance above 90%.

Accommodation and Travel

Please note that TA/DA or accommodation will not be provided to the participants. However, refreshments will be arranged for all participants during the workshop. Lunch will be arranged for external participants in the institute guest house.

Conveners

Dr. Ambrish Devanshu
Assistant Professor
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Mobile: 959975564

Co-Convenor

Dr. Sreenu Sreekumar
Assistant Professor
Dept. of Electrical Engineering, NIT Silchar
Email: sreenu@nitssilchar.ac.in
Mobile: 8079033176

Important Dates

Last Date of Registration: 31-Aug-2025
Workshop Dates: 6th to 10th Sept 2025

Registration

Registration fee for external participants INR 2500.
Scan and upload the signed application form using the below google form. Scan the QR code to pay the registration fees.
<https://forms.gle/9A0G11L4Z2a2e1>

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Conveners

Dr. Ambrish Devanshu
Assistant Professor
Dept. of Electrical Engineering, NIT Silchar
Email: ambrish@nitssilchar.ac.in
Mobile: 959975564

Co-Convenor

Dr. Sreenu Sreekumar
Assistant Professor
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Organized By:

Electrical Engineering Department,
National Institute of Technology Silchar

Next Generation Technology for Energy Sustainability & Climate Resilience

(NGT-ESCR-2025)

6th to 10th Sept. 2025

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

- The Department of Computer Science and Engineering organised a **One-Week Short-term Training Programme (STTP)** on “**AgriTech Revolution: Harnessing AI and ML for Smart Farming**” from 30 June to 6 July 2025, in collaboration with **Assam Agricultural University** under the aegis of **NEP-2020**. The programme was coordinated by **Dr. Ramanujam E** and **Dr. Aparajita Dutta**.

One Week Short Term Training Programme on
AgriTech Revolution: Harnessing AI & ML for Smart Farming
Under the Aegis of National Educational Policy (NEP) 2020
June 30 – July 6, 2025

Jointly organized by
Department of Computer Science and Engineering, National Institute of Technology Silchar, Assam
& Assam Agricultural University, Jorhat, Assam

Speakers

Dr. Somsubhra Chakraborty
IIT Kharagpur

Prof. R.H. Laskar
NIT Silchar

Prof. L.C. Salkia
NIT Silchar

Dr. Sudip Biswas
IIIT Guwahati

Dr. Arpit Jain
IIT Patna

Dr. Ghanapriya Singh
NIT Kurukshetra

Dr. Ajita Thwari
Assam University

Dr. Manas Jyoti Barooah
AAU

Dr. Kaushik Hazarika
AAU

Dr. Shadad Md Khayer
AAU

Dr. Amina Khatun
AAU

Dr. Anshuman Jana
IIIT Guwahati

Dr. Saroj Kr Biswas
NIT Silchar

Dr. Rajeeb Dey
NIT Silchar

Dr. Ranjay Hazra
NIT Silchar

Dr. Suganya Devi K
NIT Silchar

Dr. Shankar K
NIT Silchar

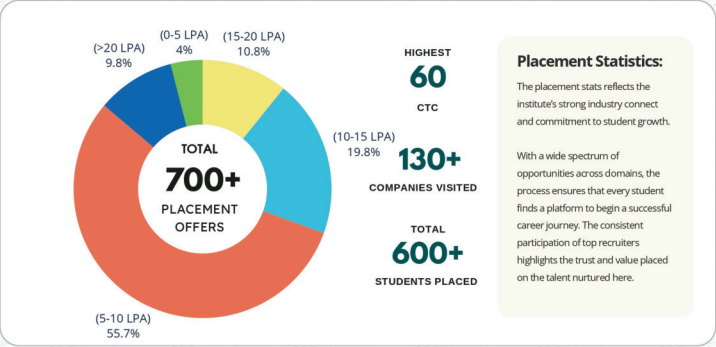
DEPARTMENT OF HUMANITIES AND SOCIAL SCIENCES

- The Department of Humanities and Social Sciences, NIT Silchar conducted a five-day **Research Methodology Workshop on Quantitative and Qualitative Data Analysis** from 1 to 5 July 2025. A total of 36 participants, including faculty members and research scholars from various institutions, participated in the program. The sessions were held in the Virtual Classroom of the Department of Computer Science and Engineering (CSE), NIT Silchar, under the convenorship of **Prof. N. B. Singh** and coordinated by **Dr. Dinamani Biswal** and **Dr. Ujjal Protim Dutta**.



PLACEMENT STATISTICS

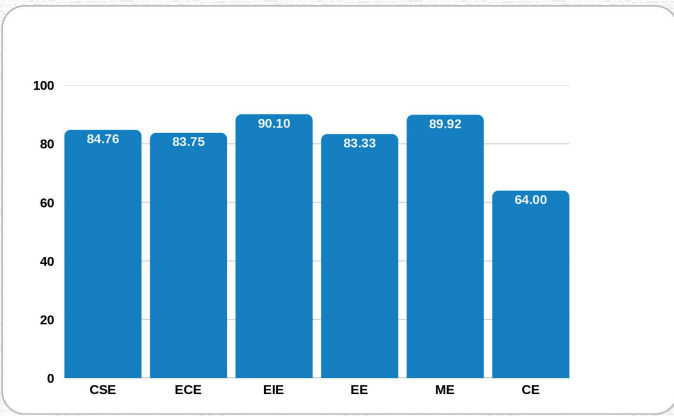
CTC Statistical Record : (2024-2025)



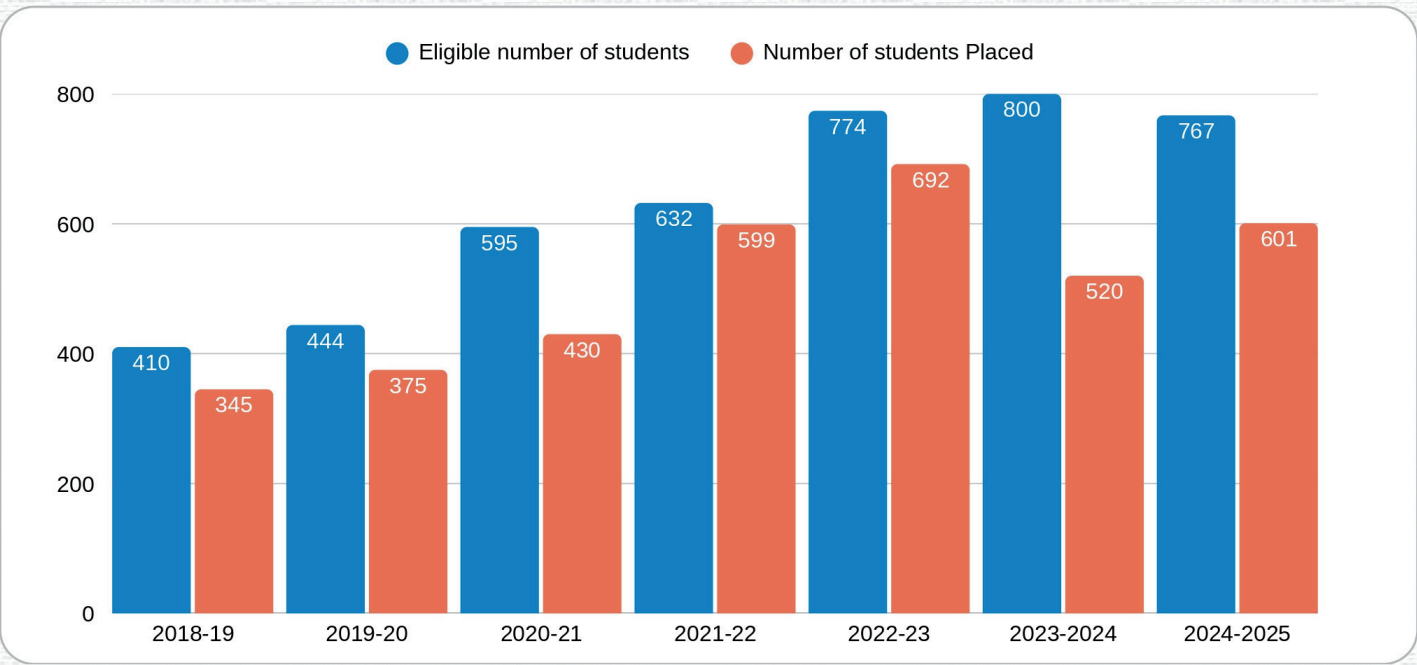
Highest vs Average Packages :

Comparative Statistics

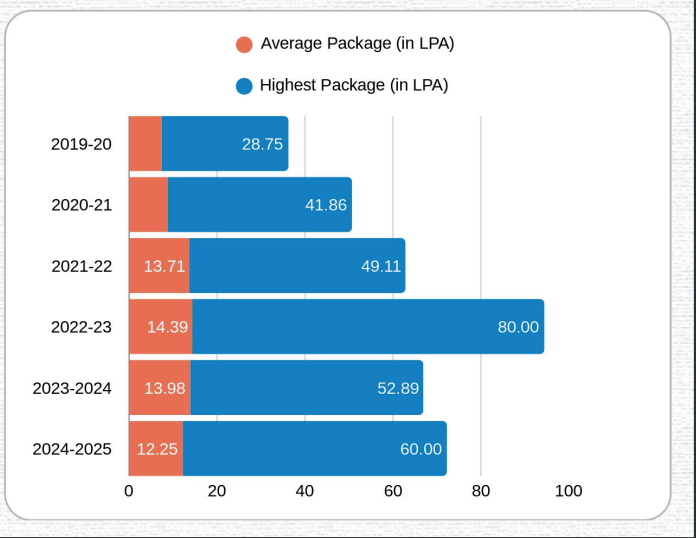
Percentage Branch wise Placements : (2024-2025)



Comparative Statistics:



Highest vs Average Packages :



- One of the most integral parts of NIT Silchar's stature as an institute of national importance is its **Training and Placement Cell (T&P Cell)**. The curriculum of the departments is designed to cater to the needs of our students and prepare them for their chosen career paths. Our students are not only academically strong but also possess the adaptability, problem-solving skills, and leadership qualities required to thrive in dynamic work environments. The consistent participation of top recruiters highlights the trust and value placed on the talent nurtured in NIT Silchar. We would like to thank Prof. Abdul Karim Barbhuiya Professor-in-Charge, T&P Cell, for granting us permission to present the placement statistics.

STUDENT ACTIVITIES

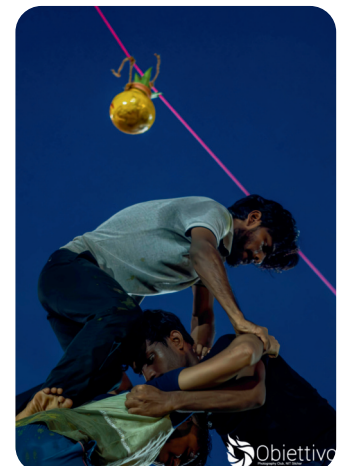
NATIONAL SPORTS DAY 2025

- **NIT Silchar** celebrated **National Sports Day 2025** from 29 to 31 August 2025, paying tribute to Major Dhyani Chand. Organised by the Sports Board, the three-day event began with a Torch Lighting ceremony and a felicitation of Karate Club members. The celebration featured spirited inter-hostel competitions in **Futsal**, and **Badminton** alongside a **Major Dhyani Chand Sports Quiz**. Sports Day marked an important event in the everyday life of NIT Silchar. It offered a platform for students to display their competitive spirit. The festivities concluded with finals and a prize distribution ceremony on the final evening.



JANMASHTAMI CELEBRATIONS

- In a vibrant celebration of **Janmashtami**, hostels across the NIT Silchar campus came alive with the spirited energy of traditional **Dahi Handi** competitions. Students displayed remarkable teamwork and enthusiasm, forming human pyramids in a friendly yet fierce contest to reach and break the pot. The event saw enthusiastic participation from all hostels, transforming the residential areas into hubs of cultural celebration, camaraderie, and festive cheer.



SWACHHATA PAKHWADA 2025

- Under the flagship **Swachh Bharat Abhiyan** initiative, the **NITS EcoClub** organised the **Swachhata Pakhwada 2025**, a fortnight-long cleanliness and awareness drive from 1 to 14 September 2025. The campaign, held in collaboration with **NSS, NITSMUN, Illuminits**, and **The Quiz Club**, aimed to unite the campus community in a collective effort for a cleaner environment. Such an endeavour bears testimony to the efforts of the entire NIT community, including faculty members, staff members, and students to keep the campus devoid of waste. A key highlight of the Pakhwada was an inspiring expert talk by **Padma Shri awardee, Jadav Payeng**, also known as **The Forest Man of India**. In his talk, Jadav Payeng stressed the fact that every action towards maintaining a clean campus translates into a broader social act whereby we, as students, inspire others to do our bit for the society at large. To drive home his points, he shared his journey of transforming barren land into a flourishing forest, reminding all that one person's dedication can change the world.



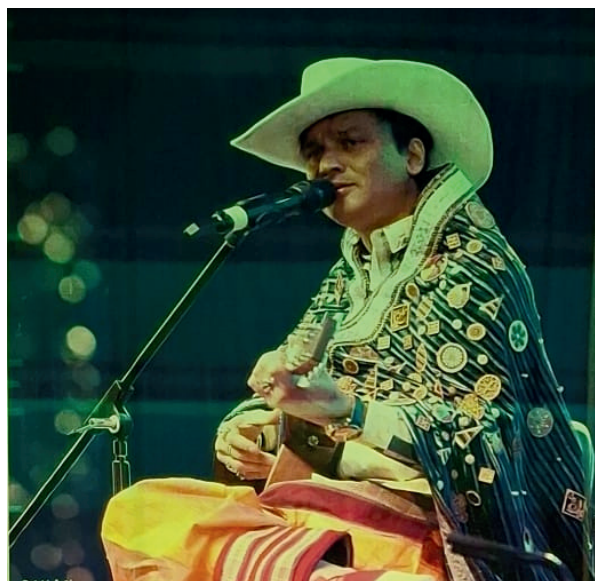
GYMKHANA FRESHERS' NIGHT 2025

- The Gymkhana Union Body (GUB) hosted its much-anticipated **Gymkhana Freshers' Night 2025** on 7 September 2025. The evening served as a grand welcome for the new batches of students, celebrating their arrival with a vibrant showcase of cultural performances, including music, dance, and drama. A key highlight was the Ramp Walk, which provided new students with a memorable opportunity to shine and take the spotlight.



NIT SILCHAR OFFERS TRIBUTE TO ZUBEEN GARG

- In the third week of September 2025, students of NIT Silchar organised a commemoration meeting to pay tribute to Zubeen Garg, one of the foremost artists from Assam. His sudden demise affected the students, faculty, and staff members of our institute. The meeting was followed by a candlelight march and a gathering at the administrative block, where people paid floral tribute to the great singer.



MANTHAN 2025

- In a vibrant celebration of Hindi Diwas and the subsequent Hindi Pakhwada, **Illuminits**, the literary society of NIT Silchar, hosted its annual cultural festival, **Manthan 2025**. The event was a grand immersion into the rich tapestry of Hindi literature, featuring over 12 diverse competitions that saw enthusiastic student participation in **quizzes, essay writing, debating, extempore speaking, poetry recitation, and creative writing**. The crowning jewel



One of the festival's highlights was the grand **Kavi Sammelan**, where the institute community was mesmerised by an evening of profound verse and powerful recitations from **several renowned** and **celebrated guest poets**, making 'Manthan 2025' a truly memorable literary and cultural success.



SOCIAL ACTIVITIES

GYANSAGAR

- **NARI SHAKTI Awareness Drive**

As part of its ongoing commitment to social empowerment, **Gyansagar, NIT Silchar**, successfully conducted a community awareness drive on 28 September 2025. The drive was organised to promote the upcoming '**NARI SHAKTI**' initiative, a free self-defence training workshop scheduled for young girls from neighbouring villages from 3 to 5 October 2025. Gyansagar volunteers, under the dedicated leadership of senior students, visited the communities of Madhutila, Babutla, and Ghungoor. The initiative was met with enthusiasm from prospective participants and strong support from parents, successfully mobilising the communities towards socio-economic empowerment.



- **Voluntary Blood Donation Camp**



As part of the 79th Independence Day celebrations, a **Voluntary Blood Donation Camp** was organised in the SAC Building on 15 August 2025. This noble initiative, held in collaboration with **Silchar Medical College & Hospital (S.M.C.H)** and the **Cachar Cancer Hospital & Research Centre**, saw enthusiastic participation from students, faculty, and staff members, who came together to give the gift of life.

- **NSS**

The NSS Units of NIT Silchar participated in the **Saksham Cyclothon by IOCL** to promote environmental sustainability and reduce fossil fuel consumption. They joined a campus cycle rally, advocating for eco-friendly alternatives. The event reinforced their commitment to sustainability and inspired collective action for a greener future. They expressed gratitude to the organisers for this opportunity.



• Teachers' Day Health Camp

On the occasion of Teachers' Day, the **NSS units of NIT Silchar** organised a **Health Camp** at the SAC building as a gesture of gratitude towards the institute's esteemed faculty members and their families. The camp provided general health check-ups and essential diagnostic services, including blood and thyroid tests. This initiative allowed the student volunteers to honor their mentors by embodying the NSS motto "Not Me, But You," serving those who dedicate their lives to serving students.



• NSS JNV Awareness Drive



The **NSS Units of NIT Silchar** conducted a **Jawahar Navodaya Vidyalaya (JNV) Awareness Drive** at LP School NITS and Kendriya Vidyalaya, NIT Silchar. NSS volunteers provided students with detailed guidance on the JNV admission process, eligibility, and the holistic opportunities available, motivating them to aim higher. The program was graced by the NSS Program Coordinator, Dr. Shankar K., and Dr. Lalu Seban, of the E&IE Department. NSS also plans to organise preparatory classes to provide further support to aspiring students.

• RAKTDAN AMRIT MAHOTSAV 2.0

On 17 September, NIT Silchar adroitly organised a Mega Blood Donation Camp, in collaboration with the **Terapanth Yuvak Parishad Silchar** and **Silchar Medical College**. The event was held on the **birthday** of our **Honourable Prime Minister, Shri Narendra Modi**. It was organised inside the premises of the NIT SAC Building. The young and enthusiastic volunteers of TYP Silchar, in collaboration with the vibrant students of NIT Silchar, played a key role in promoting the drive and encouraging active participation. Faculty and staff members also joined the mega blood donation drive, making it a successful event.

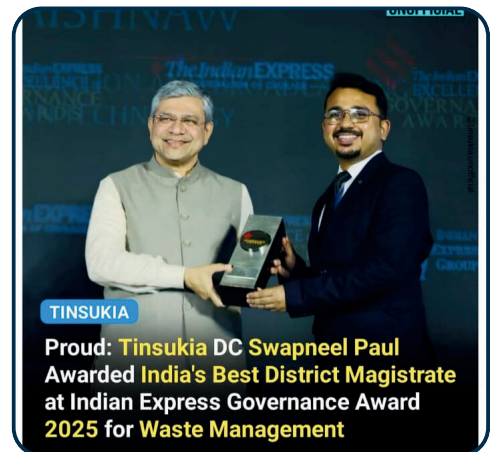


ALUMNI ACHIEVEMENT

- An alumnus of the 2024 batch of NIT Silchar, **Sagar Verma**, was selected to represent Team India at the International **Bodybuilding and Powerlifting Championship** held in Thailand in May 2025. While competing and representing his country, Sagar stood out as the star performer throughout the tournament. He battled against opponents from across the world, defeating them convincingly in the process. As a result of this, Sagar Verma went on to clinch the **Gold Medal** in the **Juniors 66 KG** category for the national team. The entire community of NIT Silchar takes pride in Sagar's achievement and wishes him good fortune in the forthcoming tournaments.



- An alumnus of NIT Silchar, **Swapneel Paul (IAS)**, was awarded **India's Best District Magistrate** at **Indian Express Governance Award 2025** for **Waste Management**.
- Under **Swapneel Paul's** excellent administration, Tinsukia, a district of Assam, was selected for the **Prime Minister's Award for Excellence in Public Administration 2024** in the category of **Holistic Development of Districts**. On behalf of the district, Swapneel was presented with the award at the **Civil Services Day** event, organised by the DARPG, on 21 April 2025, in Vigyan Bhawan, New Delhi. As an institution, we are proud of Swapneel's achievement, and we wish him success in his career.



- In a moment of great pride for the institute, NIT Silchar alumnus, **Mr. Sanidhya Sinha**, has been awarded the prestigious **Chanakya Award** and selected for the **Elite Mukherjee Fellowship 2025-26**. This highly competitive fellowship is conferred by the Dr. Shyama Prasad Mukherjee Research Foundation (SPMRF) to honour outstanding young individuals in the field of public policy. As part of this fellowship, Mr. Sinha also had the distinct opportunity to interact with the former **Vice-President of India, Shri Jagdeep Dhankhar**, at a policy boot camp, bringing significant laurels to his alma mater.





*The winged choir fluttering across the
changing hues of NIT Silchar*



राष्ट्रीय प्रौद्योगिकी संस्थान सिलचर
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