



Narula Institute of Technology

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NIT INSIGHTS The Institute Mirror

Month – **MAY** | Year - 2024

Sollemnitas @ NIT

JIS Puroshkar Ceremony, 2024

The J.C. Bose auditorium of Narula Institute of Technology was filled with vibrant energy in the afternoon of May 29, 2024, as it hosted the JIS Puroshkar Ceremony, a gala extension of the prestigious JIS Samman 2024. The ceremony aims to recognise the exceptional achievements of students, faculty, and staff of the institute during AY 2022-2023 by awarding them certificates and mementos for their excellence in academics, research, innovation, culture, and sports-related activities.

A total of 126 awardees received prizes in 23 different categories. The JIS Purashkar ceremony was filled with vibrant energy as the enthusiastic audience clapped for the awardees who won accolades in the different categories of JIS Spirit and JIS Academics during AY 2022-2023.





JIS Innovation Award, 2024

Narula Institute of Technology hosted the coveted ceremony titled JIS Innovation Award, 2024 at J C Bose Auditorium on 29th May, 2024. This award distribution ceremony appreciates and celebrates the remarkable effort of faculty and students during AY 2022-2023 in research and development through cash prize distribution as incentives.

We had the proud privilege to felicitate Dr. Suparna Kar Chowdhury (Professor, Jadavpur University & Chairperson, IEEE-Kolkata Section), Dr. Tanushyam Chattopadhyay (Associate General Manager, Artificial Intelligence Labs, Adani Enterprises Ltd.), as our guests of honour. Their enlightening speeches motivated the participants with a realization of the importance of research for progress in academics.

This year a total of 512 awards have been marked for the categories - Book Publication, Research Articles / Book Chapters & Journal Publication, Patent Publication, Research Grant Received, Research Guidance, Sponsored Research Project, Research Paper Publication with Students – Faculty, Research Paper Publication – Students.

As per the legacy of the institute, the ceremony began with lamp lighting and a welcome note delivered by

Prof. (Dr.) Soumen Banerjee, Principal, Narula Institute of Technology followed by greetings from Dr. Nidhi Singh, Registrar, Narula Institute of Technology. The session ended with a vote of thanks from Dean, R&D-Prof. (Dr.) Sourav Saha.





Hack-O-NiT, the first-ever overnight Hackathon

Hack-O-NiT, the first-ever overnight Hackathon hosted by Narula Institute of Technology, witnessed enthusiastic participation from budding technocrats. With problem statements spanning across diverse domains such as Health Care, Automation & IoT, Cloud Computing, Knowledge Management, New Gen Games, Infrastructure, Telecom, and Open Innovation, the event provided a fertile ground for innovation and collaboration in a realistic environment.

The Hack- O- NiT covered both hardware and software Tracks. Some of the remarkable products developed in this Hackathon Are Various Health Care solutions like Identification of Brain Cancer from Images, AI based Diabetic Detection Online Learning management systems, Robots for Mining Application etc.

More than 90 teams submitted their Ideas and Prototypes. Out of which 70 teams were screened in the second round and total 18 teams competed in the Grand Finale. Student Teams from different college across West Bengal like Adamas University, Techno Main Salt Lake, Government College of engineering and Textile Technology, Sreerampore, Techno International, Newtown, JIS College of Engineering, Gurunanak Institute of Technology, Asansol Engineering College and Narula Institute of Technology registered for the event.



Kritanj: The Techno Management fest

On May 14th and 15th, Narula Institute of Technology campus was abuzz with creativity and excitement as we hosted Kritanj 2024, our signature Techno Management Fest!

With over 90 projects, 40+ events, and 4000+ participants, this year's fest was a remarkable display of talent and ingenuity.

Participants from across the state competed in a diverse range of events, including robotics, coding, Electron, Apt Venture, mechanical and civil engineering challenges, and management games. Each competition highlighted the technical skills and innovative spirit of the brightest minds in the region. The grand finale was a memorable closing ceremony, featuring inspiring speeches from esteemed guests and the recognition of outstanding projects and teams. The event also showcased cutting-edge technologies developed during the hackathon and other competitions, leaving everyone in awe.



Happy Endings and New Beginnings:

"Au Revoir" of Mechanical Engineering Department

We are pleased to share that the Mechanical Engineering Department of Narula Institute of Technology has celebrated the Farewell Ceremony "Au Revoir" for the 2024 pass-out batch on 17th May, 2024. The farewell was organized by 3rd year, 2nd year and 1st year students and co-ordinated by the faculty and staff members of ME department. The event started with the inauguration speech by Prof. (Dr) Sumit Chabri, HOD, Mechanical Engineering, followed by a recitation by Mr. Debashis Majumdar, motivational speech by Dr. Goutam Roy, Later Mr. Akhtarujjaman Sarkar, Mr, Argha Gupta, Mr. Ankesh Samanta addressed the gathering.



"Adios 2k24," of Electronics and Computer Science Department

On May 22, 2024, the Electronics and Computer Science Department hosted a memorable farewell celebration, "Adios 2k24," for the B. Tech final year students of the 2020-2024 batch. The program was meticulously organized by the juniors of the department, who displayed great energy and responsibility. Their efforts ensured the event was both colourful and cherish able for the outgoing batch. The event featured heartfelt speeches, with graduating students reflecting on their journey and sharing many cherished memories. The Head of the Department and other faculty members also spoke, sharing their experiences and offering advice and encouragement to the departing students.



"Bon Voyage" of Department of Information Technology

On the 22nd of May, 2024, the Department of Information Technology witnessed an emotional and vibrant farewell ceremony – "Bon Voyage" for the graduating batch of 2024. The event, held in the college auditorium, was a perfect blend of nostalgia, gratitude, and celebration, marking the end of an era for the departing students and the beginning of a new journey. More than 80 exit students took part in the event. The event was full of energetic vibes and enthusiastic performances of the students like songs, dances, etc. There were group photo sessions, capturing the moments of smiles and tears, reminiscing and hugs shared among friends and mentors.



Cheerio

Cheers to the Class of 2024! Today marks a bittersweet farewell to our incredible graduates from the Department of Computer Science and Engineering at Narula Institute of Technology. Your dedication, hard work, and innovation have left an indelible mark on our campus and beyond. As you embark on this new chapter, may your future be filled with endless opportunities and success.



"Adieu" of Electrical Engineering

"Adieu", Farewell Ceremony 2k24 has been organised by the Department of Electrical Engineering of Narula Institute of Technology for the UG Batch 2020-2024 and PG Batch 2022-2024 on 22nd May 2024.

The Event was full of nostalgia where faculties and Passout Batch shared their memories. The splendid performances of the junior overwhelmed them. Some of the glimpses of the event are given below.



The Department of Civil Engineering held a farewell program for the final year students of batch 2024 on 13th May, 2024. Planned and organised by present junior batches of the department, the event had all of it including memories, cultural celebration and a whole visual of the journey of engineering, all the teachers given their presence.



Campus to Company

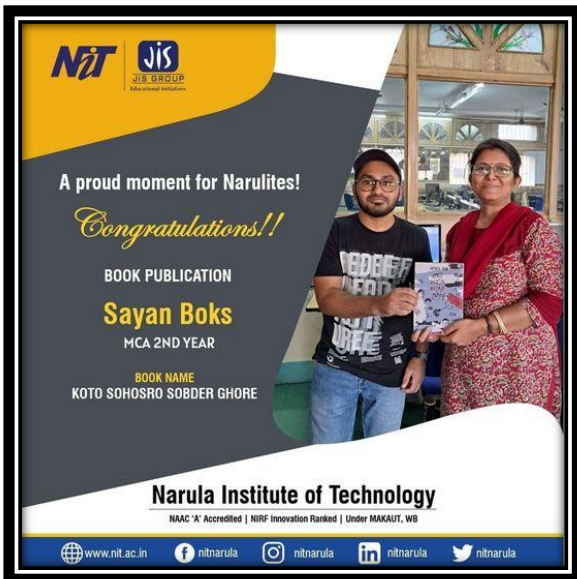
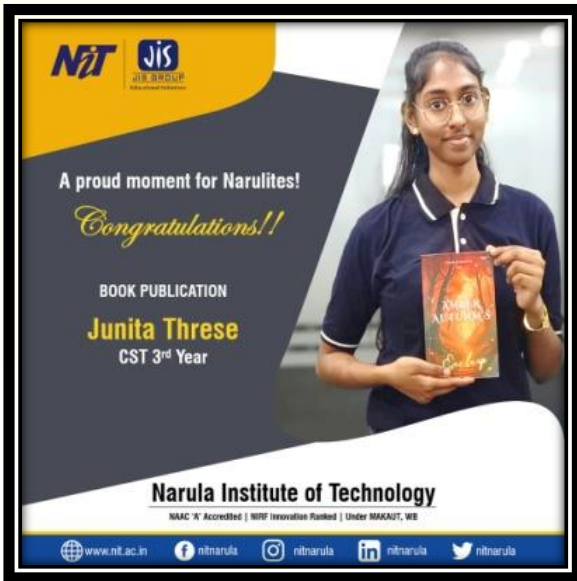
Visit to Parle G, Dhulagarh

The Department of Electrical Engineering of Narula Institute of Technology has organized an Industry Visit to Parle G, Dhulagarh on 09th May, 2024 for UG and Diploma students. The batch process of the food industry was demonstrated by the Instructors of the company. They also discuss the process of testing and quality control at Parle G.



Atelier De La NiT

Student Achievement



Civil Creations

The organizing committee of ‘Civil Creations’ which is part of KRITANJ 2K24 (Annual Techno-Management Fest) has organized a one day workshop on 9th May,2024 at Sir J.C.Bose Auditorium, NiT. The workshop was organized for the participants to give them the insights of forthcoming events of Civil Creation under KRITANJ 2K24, i) Bridgetrix, ii) Concretronix, iii) Caddist and iv) Tensegrity.

The workshop was mentored by Dr. Abhishek Hazra, Assistant Professor-Civil Engineering Department and technical know-how was demonstrated by Saini Chatterjee (Bridgetrix), Suman Mahato (Caddist), Souvik Giri (Tensegrity), Soumya Biswas (Concretronix). Demonstration, idea sharing, cross queries, etc. regarding various aspects and concepts relevant to mentioned events turned out to be really helpful for the participants





"Psychrometry and Its Application in HVAC"

The Department of Mechanical Engineering, in association with the ISHRAE Student Chapter, hosted a technical talk on "Psychrometry and Its Application in HVAC" on the 30th of May, 2024.

The session was led by Mr. Dipak Barma, a highly esteemed professional in the HVAC industry with over four decades of experience. Mr. Barma began his talk by introducing the fundamentals of psychrometry, explaining the science of air and water vapor mixtures and its relevance in HVAC systems. He discussed various applications of psychrometry in HVAC, emphasizing how understanding psychrometric principles can improve system design and efficiency.

A total of 20 students, all members of the ISHRAE Student Chapter from the Department of Mechanical Engineering, attended the program.

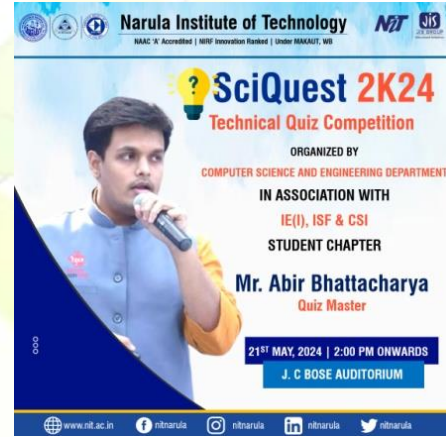
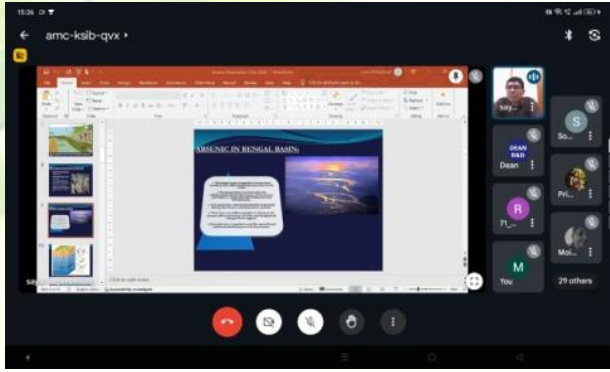


"Arsenic Contamination in Ground Water: Sources, Accumulation, Impact and Remediation"

The Business Administration Department of Narula Institute of Technology organised a webinar on "Arsenic Contamination in Ground Water: Sources, Accumulation, Impact and Remediation" on 28th May 2024. Dr. Sayan Bhattacharya, Assistant Professor, School of Ecology and Environment Studies, Nalanda University was the speaker.

Addressing the webinar, Mr. Sayan Bhattacharya, Assistant Professor, School of Ecology & Environment Studies, Nalanda University informed that arsenic contamination of soil and groundwater due to geological and anthropogenic sources is a profound environmental health concern.





"SciQuest 2K24"

The Computer Science & Engineering Department of Narula Institute of Technology has organized the Technical Quiz Competition-"SciQuest 2K24" in association with ISF, IE(I), CSI student chapters on 21st May 2024. The basic intention behind the technical quiz competition in our department under the shelter of our eminent Institute was to encourage students to look beyond their academic knowledge and establish a relationship between theory and application of the learnt concepts. The final round of the quiz was conducted by Mr. Abir Bhattacharya, an alumnus of IEST- Shibpur and a profound quiz master with more than 14 years of experience.



ELECTRON

On May 7, 2024, the ELECTRON team hosted a wonderful workshop showcasing theoretical and practical demonstrations of diverse electronic circuits and components under the banner of KRITANJ 2K24. Students from various disciplines attended and received guidance from ELECTRON members. The workshop comprised multiple phases, starting with a theoretical lecture and transitioning into hands-on demonstrations of fundamental electronics components and circuits. The total participation of students in the workshop was more than 140. They actively took part in the hands-on session.



"Digital Innovation for Sustainable Development"

On the occasion of World Telecommunication Day, the ECE department of Narula Institute of Technology organized a program where students presented posters on the theme "Digital Innovation for Sustainable Development" and shared their perspectives on the day's significance. Approximately 52 students participated in the event. The Head of the ECE department delivered an inspiring speech, sharing enthusiastic words that motivated the attendees.

The CodeWar

The Coding team along with the teacher coordinators, explains the different coding events to be held at Kritanj 2024. Special shoutout to Prof. Debanjan Mitra for the insightful brush-up session! Throughout the session the participants were extremely interactive and to encourage their enthusiasm, laptop stickers were distributed designed by the Tech-Team. Special appreciation to all participants who posted about the workshop and the lucky ones efforts led them to win a cool computer mouse!





The Stellar Odyssey: The Alumni Talk

The Alumni Talk held on 24th May 2024 at Narula Institute of Technology was a resounding success, featuring Mr. Ankit Banerjee, Assistant Manager, Godrej Appliances and an esteemed alumnus of the Department of Mechanical Engineering. The event aimed to shed light on the crucial topic of bridging the gap between industry and academia.

Mr. Banerjee highlighted the significance of internships, industry-academia partnerships, and experiential learning initiatives in bridging the gap and equipping students with the requisite skills and competencies demanded by the industry. He urged the students to proactively seek out opportunities for hands-on experience, networking, and skill enhancement to augment their academic pursuits effectively.

Talk proved to be a thought-provoking and enlightening experience, offering valuable perspectives on bridging the gap between industry and academia.

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