



Narula Institute of Technology

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NIT INSIGHTS The Institute Mirror

Month – APRIL | Year - 2024

Sollemnitas @ NIT

NiT Jewels

On 8th April, 2024 we honoured our outstanding students and teachers for their years of dedication and exemplary work at the "NiT Jewels", the Institute's Annual Award Show. The event began by recognizing our esteemed faculty members who have completed 10 and 20 glorious years of service, setting the tone for a day filled with pride and gratitude. Keeping in line with our Institute's strength, the "COLLEGE BLUE" award category highlighted individuals like Soindrila Deb from CSE, who embodies the essence of our precious Blue Gem. From Culture to Sports, Technology to Academic Excellence, we celebrated the diverse talents that make our institution proud. We firmly believe that education is paramount, and to recognize this, we presented awards in various categories such as "ACADEMIC EXCELLENCE," "RESEARCH ACCOMPLISHMENT," "TECHNICAL INNOVATIONS," "CULTURAL EXUBERANCE," "SPORTS CALIBRE," "LITERARY PROWESS," and "COMMUNITY CONNECT EFFORT."



3rd School Teachers' Conclave

Narula Institute of Technology, successfully hosted Evolution 2024, the 3rd School Teachers' Conclave at its Campus. This pioneering event aimed to enhance educators' professional development and foster collaboration within the education community. Held on April 8, 2024, the conclave provided a transformative experience for teachers, allowing them to augment their skills and exchange knowledge with peers.

Distinguished guests and speakers included **Prof. Malayendu Saha, Chairman of WBJEE Board; Prof. Ramanuj Ganguly, President of West Bengal Board of Secondary Education; Mrinal Chakraborty, Mental Toughness Trainer; Swami Vedatitananda, Correspondent of Ramkrishna Mission, Shilpamandira, Belur Math; and Sardar Simparpreet Singh, Director of JIS Group.**

Additionally, educators from various schools across West Bengal participated, engaging in insightful discussions on innovative teaching methodologies and practical strategies for addressing classroom challenges. The conclave featured panel discussions and interactive sessions led by educators, thought leaders, and experts in education. Topics included understanding child psychology in the classroom, curriculum reforms, and pedagogical practices under the National Education Policy (NEP) 2020. Special sessions were held on these topics with notable speakers such as Mrinal Chakraborty and Swami Vedatitananda. A panel discussion on adopting the NEP 2020 in classroom practices featured esteemed educators from different schools.



Ecstasy 2024- The Inter School Carnival

Narula Institute of Technology hosted Ecstasy 2024- The Inter School Carnival, a weeklong event (3rd April-10th April,2024) at the institute which was a vibrant and exhilarating event, bringing together students, teachers, and communities from various schools. The carnival aimed not only to showcase the diverse talents of students but also to foster camaraderie and unity among schools.

Event Highlights: *Robotics, App and Website Development Workshop for School Students, Upskilling Workshop for students of 11th and 12th standard, Quizzes and Competitions, Food Fiesta and Cultural Activities*



Thrilling sights and sounds echoed through NiT as students from different schools of Kolkata and beyond dived headfirst into the world of robotics! From building Manual BOTs to mastering the art of crafting Autonomous BOTs, Drones, Line followers BOTs, and Fire Fighting BOTs, the energy was electrifying! Curious minds of young school students were introduced to the world of Websites and they were

engaged in a hands-on session of learning how to create a PORTFOLIO and Websites using important technologies like HTML, CSS, Java Script to Application creation using Superhero API integration, and to fetch and query about superhero details and save them. The workshop aimed to equip students with essential skills and knowledge to thrive in the modern world. The students were enlightened with the different prospects of higher education. As the curtains drew to a close on this memorable event, its impact resonated far beyond the confines of the venue, leaving behind cherished memories and valuable lessons for all involved.





Voter Awareness Campaign

On April 16th, 2024, Narula Institute of Technology proudly hosted a Voter Awareness Campaign, aiming to empower our students with crucial knowledge about the democratic process and to inspire them to become responsible and engaged citizens. The event was a resounding success, thanks to the

enthusiastic participation of our students and the invaluable insights provided by our esteemed **guest speaker, Mr. Sumit Agarwal**, the newly appointed **SVEEP and PwD Icon of North 24 Parganas District**.



NCC farewell party

Narula Institute of Technology has successfully organised the NCC farewell party on behalf of 4 WB (T) AIR SQN NCC. The main agenda of this event was to share the treasurable memories with the departing cadets and convey them the best wishes for the future. Adjutant MWO BK Jha, along with the dedicated PI Staff members expressed their gratitude and offered words of encouragement to the cadets for their future endeavour. Adjutant Sir also gave a talk on the importance and glory of their service and as well as the commitment to the nation.



"ROAD SHOW- an Idea-o-meter Awareness Programme"

On April 29, 2024, Narula Institute of Technology hosted a "ROAD SHOW- an Idea-o-meter Awareness Programme" starting from 11 AM at the J C Bose Auditorium. Ms. Jaspreet Kaur, Director, JIS Group, along with the Idea-o-meter team, engaged with faculty, staff, and students. The event saw participation from Student Ambassadors, EDC-IIC-Idea-O-Meter members, students passionate about entrepreneurship, and faculties interested in

mentoring. The session was highly engaging and motivating, aimed at fostering entrepreneurship spirit and bolstering the institute's startup ecosystem.



Campus to Company

An Industry Visit to ITC Limited, Uluberia.

The Department of Business Administration, Narula Institute of Technology has organized an industry visit on 28th March, 2024 at ITC Limited, Uluberia. Students visited the Processing Plant, Packaging Plant of Biscuits and Atta, where they got a chance to see the inside view of the factory right from the dough (the first input) to the last stage i.e., packaging and how each step is performed mechanically. The program was organized and conducted by Dr. Sriparna Guha, Head- Department of Business Administration, accompanied by Ms. Marcelline Salomi Gomes, Assistant Professor, Department of Business Administration. The total student population for the visit was 45.



Industry visit to Kolaghat Thermal Power Station (KTPS)

The Department of Electrical Engineering of Narula Institute of Technology visited Kolaghat Thermal Power Station (KTPS) on 4th April 2024 for UG and Diploma students. The entire student team was guided by the Faculty members of the EE department. The officials of KTPS demonstrated the Power distribution section, field instrument operations, Boiler Operations and different types of sensors inside the plant.



An Industrial Visit to The Oil and Natural Gas Corporation Limited (ONGC) Drilling Site.

The ECS department of Narula Institute of Technology has organized an industrial visit at the **Oil and Natural Gas Corporation Limited (ONGC), Drilling Site at Ranaghat on 10th April.2024** for the students. The objective was to provide first-hand insights into the operations and functioning of one of the leading energy companies in India. The entire team

was guided by the faculty member and Technical Staff of the ECS department. The visit commenced with an overview of ONGC's exploration and production processes. The officials of ONGC demonstrated the various stages involved, from seismic surveys to drilling and extraction techniques. The entire team had the opportunity to visit an operational drilling site where they gathered knowledge about the intricate machinery and skilled workforce involved in hydrocarbon gas extraction.



Industry Visit to Variable Energy Cyclotron Centre (VECC)

The Department of Electronics and Communication Engineering of Narula Institute of Technology arranged an Industrial Visit for 2nd and 3rd year ECE Students on April 12, 2024, to the **Variable Energy Cyclotron Centre (VECC)**, Saltlake, Kolkata. VECC is a premier research and development institution under the **Department of**



Atomic Energy, Government of India, and a key constituent of the **Homi Bhabha National Institute** VECC houses several sophisticated experimental facilities, including the K130 Cyclotron, Superconducting Cyclotron, and other accelerators and detectors.



Visit to Kolaghat Thermal Power Station (KTPS)

A team of 20 students of UG 2nd year and 3rd year and two Faculty members from the department of Electronics and Communication Engineering of Narula Institute of Technology visited Kolaghat Thermal Power Station (KTPS) on 19th April 2024. The team visited the control room where operators perform plant operation using control systems. Multiple electronic displays and control panels are present and a large wall sized display area is also visible within the space



Atelier de la NIT

A Technical Seminar Titled "Recent Advancements in Remote Sensing Technology"

On 18th April, 2024, ECE Department of Narula Institute of Technology hosted a technical seminar titled "Recent Advancements in Remote Sensing Technology". The seminar aimed to explore the



advancements, opportunities, and challenges in utilizing Remote Sensing Technologies in the context of Climatology, Weather Forecast, Agriculture, Military applications etc.

Dr. Arundhati Misra, Former Group Director, Space Science Application Centre, ISRO led the seminar. Dr. Misra delved into the specific applications and implications of remote sensing technologies in the development of our society. She also emphasized elaborately the contribution of ISRO in the development of mankind. Dr. Susanta Kumar Parui, Professor, ETCE, IEST Shibpur also joined the seminar and he discussed about the role of Antenna Technology in context with the advancements in Remote Sensing Technology.



A Technical Seminar Titled "MERN Stack Development"

On 25th April 2024, the **Department of Computer Application, Narula Institute of Technology**, hosted a technical seminar titled "**MERN Stack Development**". The Workshop on MERN Stack Development aims to equip participants with comprehensive knowledge and practical skills for building modern web applications using MongoDB, Express.js, React, and Node.js.

Mr. Anup Kumar Paswan, Ms. Enakshi Saha, and Mr. Sourav Ghosh spoke about the architecture and workflow of MERN stack development, along with hands-on experience in building full-stack applications. Through interactive sessions and real-world examples, attendees were empowered to leverage the full potential of each component within the MERN stack for efficient and scalable web development.



Pre-Placement Session by Pinnacle Infotech for Batch of 2024

On 19 March 2024, Pinnacle Infotech Solutions conducted a Pre-Placement Session for the 2024 Batch B. Tech students at Narula Institute of Technology for the JIS Group colleges. The event aimed to familiarize students with the company's culture, values, and career opportunities. Ms. Sushmita Choudhury, Head of HR at Pinnacle Infotech Solutions, served as the main speaker, offering valuable insights and guidance to the attendees.



"Unleash the New Age Educator in You"

At Narula Institute of Technology, an insightful Faculty Development Program (FDP) titled "Unleash the New Age Educator in You" was orchestrated by Varun Chamadiya, Founder and Chief Educator at Proactive 'T'. This initiative was meticulously crafted to equip educators with the tools and knowledge necessary to thrive in today's rapidly evolving educational landscape. Through engaging sessions and interactive workshops, participants were encouraged to explore innovative teaching techniques, leverage cutting-edge technologies, and adopt a student-centric approach to instruction.



"Plastic: Blessing or Curse for Earth's Survival"

The NSS unit of NiT organized a seminar titled "Plastic: Blessing or Curse for Earth's Survival" featuring a keynote address by Prof. (Dr.) Sarbani Mitra, Head of MBA (HRM) at IISWBM, in honour of World Earth Day. During her speech, Dr. Mitra advocated for the cessation of single-use plastics under 450 microns and proposed viable alternatives for replication.



Student Achievement

YUVA SANGAM - Phase IV

The students of Narula Institute of Technology had the honor of participating in the AICTE sponsored educational cum tourism program, YUVA SANGAM - Phase IV, organized by the Government of India, Ministry of Education, IRCTC, Ministry of Sports, and Ministry of Tourism. The following students from our Institute had the opportunity to represent our state:

- Rajarshi Mondal from CSE 2nd Year
- Ranit Ghosh from CSE 2nd Year
- Nilay Hazra from IT 2nd Year
- Sayani Maji from EE 3rd Year
- Adrishia Dutta from ME 3rd Year
- Abhishek Kumar Tiwari from ME 4th Year





Nrityashakti got 1st position in an Inter College dance competition

NiT dance troop, Nrityashakti got 1st position in an Inter College dance competition organised by JISCE. **Members** - Souvik Majumdar, Rajasmita Bhowmik, Parna Mandal, Neha Adak, Anmona Bhattacharya, Neha Haldar, Anushka Das, Koustav Ghosh Dastidar

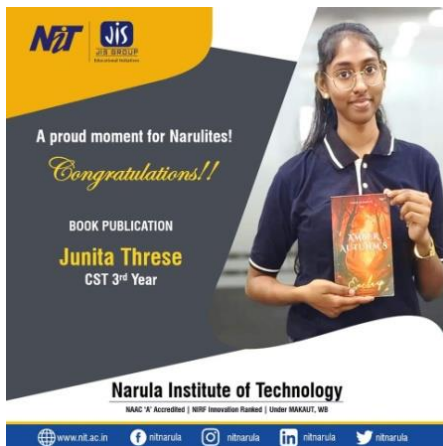
Project competition 'Prototype Design for Mankind'

We are pleased to inform all that the students from the Electronics and Computer Science Department of Narula Institute of Technology participated in a Project competition 'Prototype Design for Mankind' at Heritage Institute of Technology on 5th April, 2024. Three teams showcased their creative projects and received praise from the expert judges. Following the evaluations, one team secured the 1st runner-up position, earning a prize of Rs. 4000. This recognition motivated all the teams to strive for excellence.



Team SUPERNOVAS achieved the Second position in Euphonious X Zyzzva 2K24

Team SUPERNOVAS achieved the Second position (1st Runner Up) in the event "THE RED CARPET" FASHION SHOW COMPETITION in Euphonious X Zyzzva 2K24, the annual cultural fest of Guru Nanak Institute of Technology.



Eureka de la NiT

We're thrilled to announce the winners of the TiEU Pitch Competition for the Kolkata Chapter! Winner: Calorie Guard - JIS Group (Narula Institute of Technology)



Pedagogic Pinnacle

Dr. Susmita Das completed her PhD from Indian Institute of Information Technology, Kalyani on "Design and Control Analysis on Lower Limb Prosthesis with Gait Synchronization"



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