



## Narula Institute of Technology

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## NIT INSIGHTS The Institute Mirror

Month – JUNE | Year - 2024

### Sollemnitas @ NIT

#### Debating Excellence 2024

In the present era when the art of debating is becoming increasingly rare, the Calcutta Debating Circle took a momentous initiative by organizing the Debating Excellence 2024 on 1st July, 2024 at Narula Institute of Technology. This event aimed to revive and promote debating skills among young students.

The Debate Club of Narula Institute of Technology arranged the full logistics and organization for this event, fostering extracurricular activities within the JIS Group of colleges. The event commenced with a welcome address by Prof. (Dr.) Soumen Banerjee, Principal of Narula Institute of Technology. *The motion of the House was: "Parents should tell their children that they can achieve everything."* Participants included school students from across the city, along with guest debaters from prestigious institutions such as Harvard University, the London School of Economics, Yale University, and Cambridge University. The session was coordinated by Dr. Kunal Sarkar, renowned cardiologist and founder of the Calcutta Debating Circle, and Jordan Anderson, debate coach from King's College, London. The students showcased exceptional reasoning abilities and critical thinking. The debate session lasted for 70 minutes, filled with vigorous discussions and insightful arguments. The opposition team emerged victorious after the engaging verbal duel.

Mr. Bidyut Mazumder, Deputy Director of Business Development at JIS Group, felicitated the Calcutta Debating Circle. On the occasion of World Doctor's Day, Dr. Nidhi Singh, Registrar from Narula Institute of Technology presented a token of honor to Dr. Kunal Sarkar.

The Debating Excellence 2024 concluded with vibrance and enthusiasm, leaving participants and attendees inspired and motivated. The event successfully highlighted the importance of debating skills and fostered a spirit of intellectual engagement among young minds.





## International Yoga Day Celebration

Narula Institute of Technology celebrated International Yoga Day on 21st June, 2024 with great enthusiasm. Students, faculty, and staff participated in a rejuvenating yoga session led by expert instructors. The event emphasized the importance of yoga in promoting physical and mental well-being. Participants experienced various asanas, pranayama, and meditation techniques. The celebration highlighted the institute's commitment to holistic education and wellness. The vibrant event concluded with a pledge to incorporate yoga into daily life, fostering a healthier, balanced lifestyle. Follow us for more updates on our wellness initiatives.



## Atelier de la NiT

### "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 from 2.00 pm to 4.00 pm.

The session was led by Mr. Dipak Barma, a highly esteemed professional in the HVAC industry with over four decades of experience.

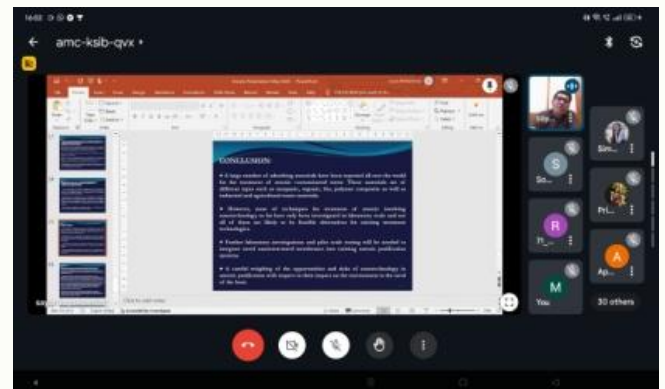
A total of 20 students, all members of the ISHRAE Student Chapter from the Department of Mechanical Engineering, attended the program. The event commenced with the felicitation of the guest, Mr. Dipak Barma, by the head of the department, Prof. Sumit Chabri.



### Webinar on "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 28<sup>th</sup> May 2024 in online mode. Dr. Sayan Bhattacharya, Assistant Professor, School of Ecology and Environment Studies, Nalanda University was the speaker.

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. He opined that Bengal basin is regarded to be the most acutely arsenic-affected geological province in the world and hence more than 120 million people of India and Bangladesh are exposed to arsenic pollution. The webinar came to an end with nice interaction amongst speakers, students and participants.



## "SciQuest 2K24"-Technical Quiz Competition

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 at Sir J. C Bose Auditorium of the Institute.

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 interested and enthusiastic students enrolled their name in different groups. Each group has four members and it was enlightened to see that more than 260 students took part in the Technical Quiz 2024! **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.** The program concluded with the certificate distribution to the winner and vote of thanks.



## Microsoft addressing 2025 batch students at Narula Institute of Technology

On June 8, 2024, the Narula Institute of Technology organized a pivotal session aimed at preparing B. Tech students for the transition from academic life to the corporate world. This impactful event was led by India's Lead for University Recruiting & Relations at Microsoft, marking a significant collaboration between the institute and the tech giant. The Campus to Corporate session focused on equipping students with essential skills and knowledge necessary for a smooth transition into their professional careers. The event was designed to boost students' confidence and enthusiasm as they prepare to embark on their professional journey. By bridging the gap between academia and industry, Narula Institute of Technology, in partnership with Microsoft, reaffirmed its commitment to the career success and holistic development of its students.

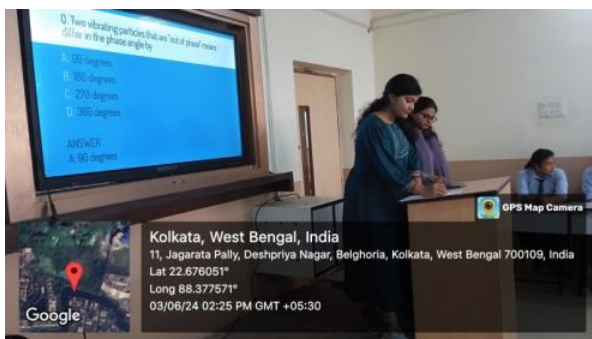


## "Mindspark 2K24"- Science Quiz Contest

The Physics Section of the department of Basic Science & Humanities of Narula Institute of Technology has organized the *Science Quiz Contest-"Mindspark 2K24"* on 6<sup>th</sup> June 2024. The



basic objective behind the quiz competition was to encourage students to look beyond their academic knowledge and establish a relationship between theory and application of the learnt concepts. There are various benefits of quiz competitions, e.g., it improves or expands one's knowledge, communication skill, and group activity and thus, making them ready for the campus interview in future. The students of different B.Tech. Streams have enrolled their name in different groups. Each group has four members. Approximately 600 students took part in 19 groups. **The final round of the quiz was conducted with 9 groups and finally 4 topper groups were selected.** The program concluded with the certificate distribution to the winner and vote of thanks.



## Bridging Gaps

### "Beat the Pollution."- World Environment Day

World Environment Day, celebrated annually on June 5th, is the United Nations' principal vehicle for encouraging awareness and action for the protection of the environment. This year, the NSS (National Service Scheme) Unit of Narula Institute of Technology organized a series of events and activities to commemorate the day, aligning with the global theme of "Beat the Pollution."

**1. Tree Plantation Drive:** The day began with a tree plantation drive on the campus and in their locality. Students and faculty members enthusiastically participated in planting over 100 saplings, including fruit-bearing and medicinal plants. The initiative aimed to increase green cover and promote biodiversity within the campus.



**2. Clean-up Campaign:** Following the plantation drive, NSS volunteers organized a campus clean-up campaign. This activity focused on removing plastic waste and other non-biodegradable materials from the premises. Participants were provided with gloves and biodegradable bags to collect and segregate waste effectively.



The event reinforced the institute's commitment to environmental stewardship and set a positive example for future initiatives.

## Eureka de la NiT

### Careers 360 rates JIS Group Educational Institutions

Careers 360 has rated JIS University 'AAA+' in the state of West Bengal. Additionally, JIS College of Engineering and Narula Institute of Technology have received a 'AAAA' rating in the affiliated colleges category in West Bengal.



### Narula Institute of Technology Participates as Knowledge Partner at 'JIS Education Expo 2024'

Narula Institute of Technology played a pivotal role as the knowledge partner at the inaugural "JIS Education Expo 2024," hosted by the JIS Group at Rotary Sadan in Kolkata today. The event began with the ceremonial lighting of the lamp by distinguished guests, including renowned actor Shri Abir Chatterjee, Prof. Ramanuj Ganguly, President of the West Bengal Board of Secondary Education, Sardar Simarpreet Singh, Director of JIS Group, and Shri Bidyut Majumdar, Deputy Director of JIS Group. As a knowledge partner, Narula Institute of Technology helped create a unique platform for students to explore a wide array of academic programs offered by the JIS Group, spanning diploma, undergraduate, postgraduate, and doctoral levels. Expert counselors were available to provide personalized guidance, assisting students in selecting career paths that aligned with their goals and strengths. As one of the premier educational institutions in West Bengal,

Narula Institute of Technology, ensured that participants received comprehensive information and support, empowering them to make informed decisions about their futures.



### **JIS GROUP BAGS AWARDS AT EDUCATION EXCELLENCE 2024**

JIS Group's educational institutions have bagged three awards at 'Education Excellence 2024' organized by Zee 24 Ghanta, in Kolkata. *Narula Institute of Technology was awarded for 'Premier & Private Autonomous Engineering College of West Bengal'.*



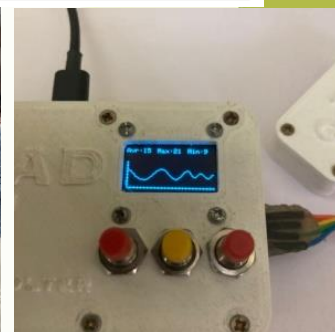
### **Team NiT @JIS PAVILION at the Education Interface 2024, Netaji Indoor Stadium**





## Student Achievement

It gives us immense pleasure to share that our brilliant ECE 3rd-year students Saikat Chowdhury, Avik Dutta under the guidance of Mentor Dr. Sandhya Patanayak, have secured 2nd place at the ACM India East & North East B. Tech Project Contest 2024 with their project, POTHOLTER: A Software-Hardware Ecosystem for Road Condition & Car Health Monitoring. Their innovative system detects potholes and monitors vehicle health, aiming to enhance road safety and vehicle maintenance. This outstanding achievement earned them a ₹15,000 cash prize.



## Legacy of Titans: The Alumni

Alumni Debarati Mitra performing at Zee Bangla Saregamapa 2024

**Ventures de Maestro**

**Patents Granted**



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*Congratulations!!*

**DR. SARBANI GANGULY & OTHERS**

For being granted an Indian Patent  
"A NOVEL CHEAP SOURCE OF PREBIOTIC FOOD MATERIAL"

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*Congratulations!!*

**DR. SUSMITA KARAN**

For being granted an Indian Patent  
"GREEN ROUTE OF PREPARATION OF PVACELULOSE NANOCOMPOSITE"

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*Congratulations!!*

**DR. RUPA BHATTACHARYYA & OTHERS**

For being granted an Indian Patent  
"A PRODUCTION OF BIODIESEL FROM PALM FATTY ACID DISTILLATE USING BIOHYDROLYSIS AND BIOESTERIFICATION REACTION"

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*Congratulations!!*

**DR. RUPA BHATTACHARYYA & OTHERS**

For being granted an Indian Patent  
"MECHANICAL PROPERTY MODIFICATION OF PVC – POLY (ETHYL ACRYLATE) BLEND BY INCORPORATION OF NANO CALCIUM CARBONATE."

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