



Narula Institute of Technology

2024 - 25

ANNUAL REPORT





APPROVALS & ACCREDITATIONS



NBA Accredited
Programmes



Affiliated to
MAKAUT



ज्ञान-विज्ञान विमुक्तये
Recognised by
UGC



Recognised by
AICTE



NAAC 'A'
Accredited



Engineering Category
(2017 - 2022)
NIRF Innovation Ranking in
2023



International
QS Ratings



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Message from Principal

Dear Readers,

I take the proud privilege of publishing the Institutional Annual Report of 2024-25 as Narula Institute of Technology steps into the 25 th year of glorious journey.

"Actions speak louder and clearer than words".

This newsletter in its entirety is like a mirror, which reflects the clear picture of all activities and achievements of Narula Institute of Technology.

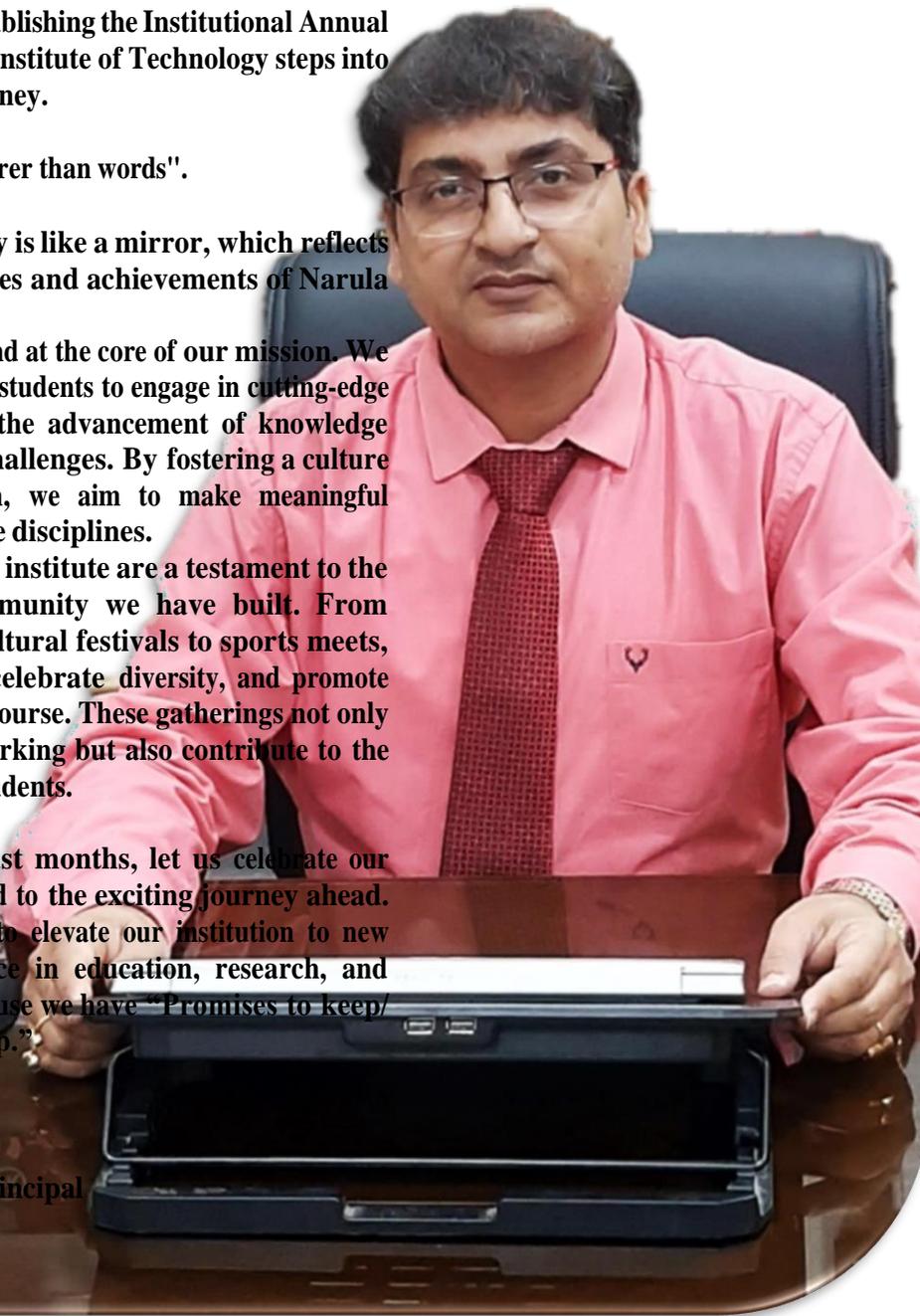
Research and development stand at the core of our mission. We encourage both faculty and students to engage in cutting-edge research that contributes to the advancement of knowledge and addresses real-world challenges. By fostering a culture of curiosity and exploration, we aim to make meaningful contributions to our respective disciplines.

The events organized by our institute are a testament to the vibrant and inclusive community we have built. From academic symposiums to cultural festivals to sports meets, each event is designed to celebrate diversity, and promote creativity, and intellectual discourse. These gatherings not only provide a platform for networking but also contribute to the overall development of our students.

As we retrospect on the past months, let us celebrate our achievements and look forward to the exciting journey ahead. Together, we will continue to elevate our institution to new heights and inspire excellence in education, research, and community engagement because we have "Promises to keep/ and miles to go before I sleep."

Best Regards,

Prof. (Dr) Soumen Banerjee Principal
Narula Institute of Technology



Chapter 1

INSTITUTE PROFILE

★ *INTRODUCTION*

Narula Institute of Technology is a leading autonomous Engineering & Management college, located at Agarpara near Kolkata under the aegis of JIS Group Educational Initiative since 2001. It is approved by AICTE and affiliated to MAKAUT, formerly known as West Bengal University of Technology and has NBA accredited degree programs in engineering. It boasts of the prestigious NIRF ranking among 150 selected institutes of India. National Assessment and Accreditation Council (NAAC) also accredit it. The college has also received the notable World Bank Assisted and MHRD approved TEQIP (Phase II) grant for the advancement of Technical Education. It is eligible for receiving Central assistance under the recognition of 2(f) & 12(B) under UGC Act.

The four-year B. Tech course is imparted in the streams of Computer Science Engineering, Electronics and Communication Engineering, Electrical Engineering, Civil Engineering, Information Technology, Electronics and Instrumentation Engineering and Mechanical Engineering. The institute provides a brilliant platform for pursuing higher studies through PG courses like M. Tech (CSE, ECE, EE- Power System, CE- Structural Engineering), MCA. It has expanded to include diploma programs in EE, CE and ECTC under the affiliation of West Bengal State Council of Technical Education.

The institute boasts of a powerful R & D cell with immense contribution from the scholarly faculty members. There is an enormous repository of International and National Journal publications, E-books, Online Lectures which have drawn nationwide attention. With the encouragement and support from the college, around ten projects funded by organizations like UGC, DST, BRNS and AICTE are running successfully by the faculty members till date. Very recently the ECE Department has secured the MODROBS grant for upgrading their Embedded System and Electronic Design Automation Lab.

The college is in collaboration with Tech Mahindra, Reliance Jio Infocom Ltd, CII, NASSCOM, Aspire Disruptive Skill foundation, Oracle, INFOSYS, TCS, NIT Sikkim, IITKGP, AIT Bangkok and other organizations of repute. The students get an opportunity to interact in an international platform through seminars, conferences and special teaching earning sessions. The student chapter plays a crucial role in organizing informative technical events within the campus.

At present, there are five student chapters in our college: IETE student forum of Electronics & Communication Engineering Department, ICE & ASCE of Civil Engineering Department, CSI of Computer Science Engineering, Information Technology & MCA Department and Institute of Engineers India (IEI) of Electrical Engineering Department. Apart from academics, the students get an exposure to the world of co-curricular activities, which help them in shaping and grooming their personality. The students made the college proud by winning laurels in some recent cultural events organized by Telegraph,

Thus, the cornerstone of the successful evolution of Narula Institute of Technology lies in its modern teaching learning process, good ragging free environment, meticulous tutoring and mentoring of the future professionals of the industry as well as of academia, where the Institute's success has always been directly proportional to the success of the students.

VISION

To make the Institute excellent in technological education and research by imparting equitable, inclusive, ethical, flexible and multidisciplinary knowledge to budding technologists to serve the society.

MISSION

- To establish continuously improving academic ambience in the Institute in order to prepare the students with beyond curriculum knowledge, creativity, innovation, problem-solving abilities, team work, communication skills etc. for their holistic development.
- To collaborate with Institutes of higher education, Professional Societies, R&D and Industrial organizations for continuous improvement of academic, research environment in the Institute and to build a strong Industry-Institute interface.
- To promote and nurture entrepreneurial and innovative quality of the students providing proper education, training and supportive facilities so that future entrepreneurs emerge with flying colours.
- To strengthen quality and knowledge base of faculty through faculty development programs for continuous upgradation to remain in tune with dynamically changing technology.

- To become a responsible contributor in the socio-economic development of the society through excellence in education and research.

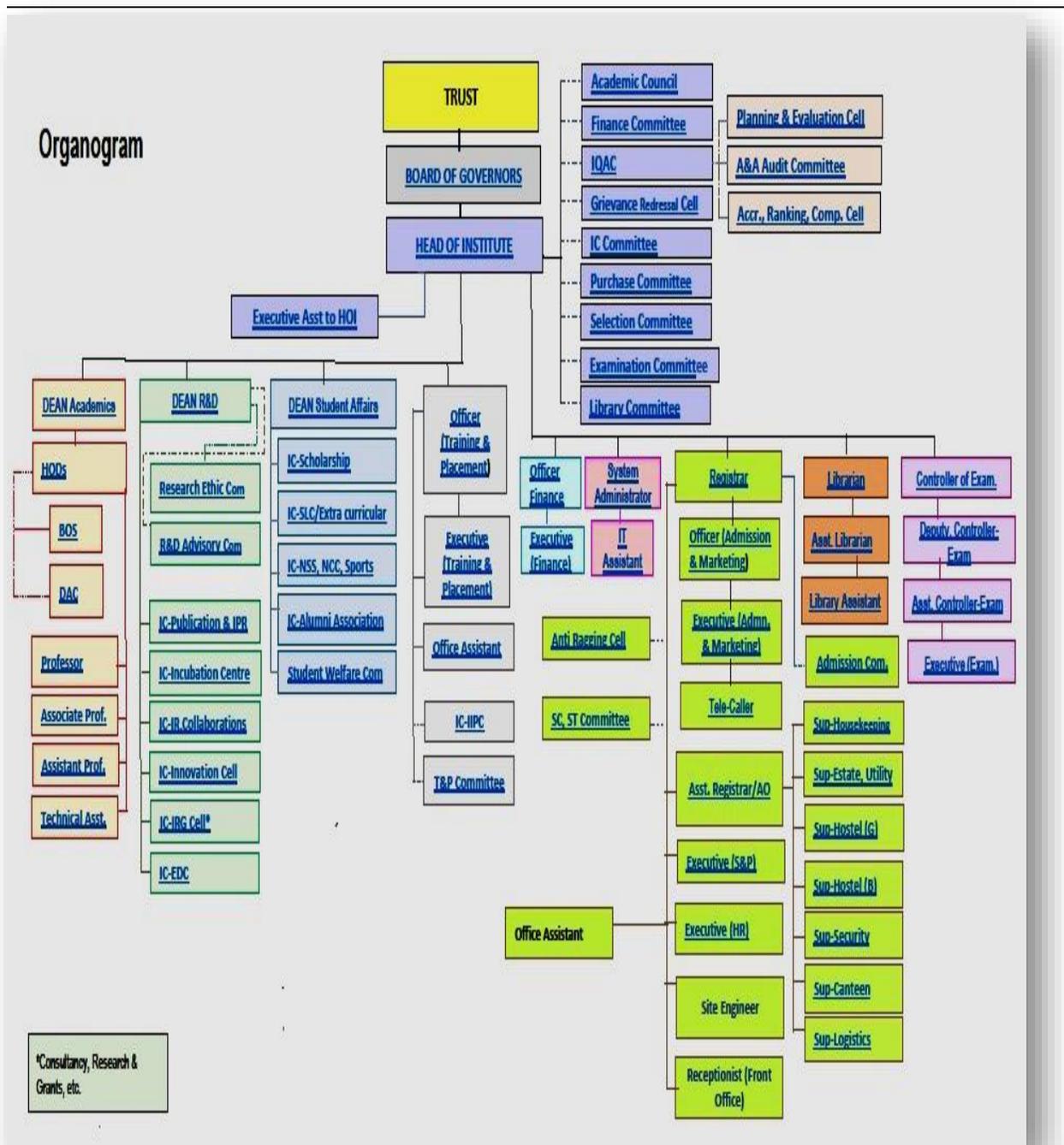
QUALITY POLICY

- Best standards and practices of good governance, to be put in place to bring in transparency of operations and improve credibility at all levels.
- Industry-ready professionals to be developed through Interactive Teaching-Learning Process, Corporate exposure and project work.
- Higher Studies/research for Faculty & Staff to be encouraged for up gradation of knowledge, which would, inter alia, include participation in TEQIPs, Seminar, workshop etc.
- Appropriate Laboratory facilities would be developed in selected areas to provide fillip for R&D.
- Industrial consultancy to be carried out in an effective manner through Industry Institute Partnership cell (IIPC) for developing a sense of accomplishment.
- NBA accreditation for all AICTE approved programs to be obtained at the earliest and maintained on a long –term basis.

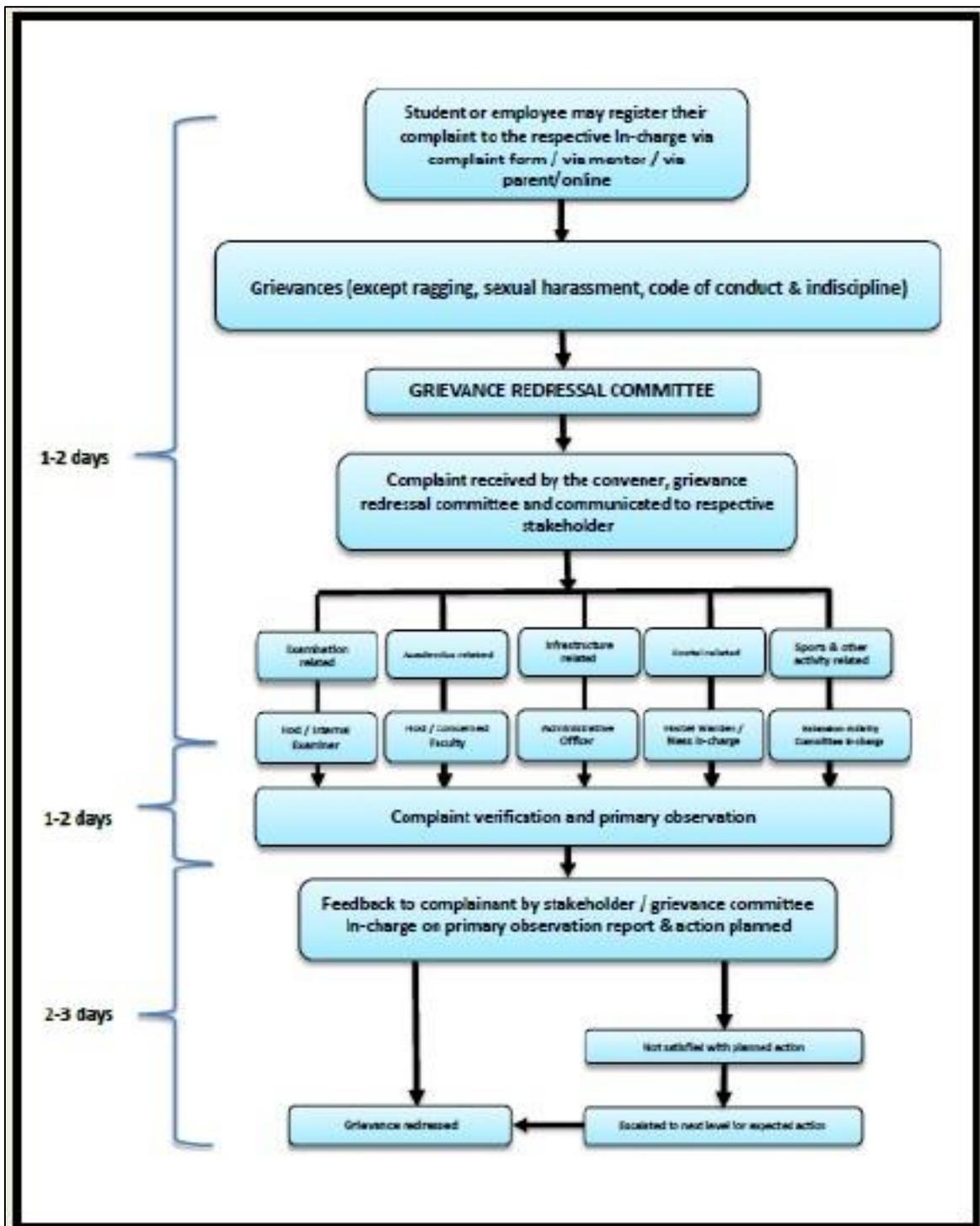
OUTCOME BASED INSTITUTIONAL OBJECTIVE

To create an environment to empower the students with solid foundation in mathematical, scientific, engineering, managerial, entrepreneurial fundamentals and incorporate research based curriculum through establishing continuous wide network with the industries in order to initiate long term academic excellence in the institution.

✦ Organizational Structure:



★ Grievances Redressal System



✦ *Admission Data*

Narula Institute of Technology offers a number of courses ranging from Computer Science Engineering (B. Tech and M. Tech), and Computer Application (MCA). Diploma in Engineering in branches of Electronics and Communication Engineering (ECE), Electrical Engineering (EE). Mechanical Engineering (ME) and Civil Engineering (CE) is also taught. Each of the courses offered have a separate Entrance Test according to their respective Government of West Bengal examination boards.

Student admission for B. Tech is through WBJEE. Whereas for M. Tech the intake is through GATE score and PGET examination. Intake for MCA is through JECA. The entrance test for Diploma courses is JEXPO.

Also as per Government norms, 10% seats are reserved for Diploma Engineering students for t admission (Lateral Entry) to B. Tech 2nd year. The admission occurs through JELET.

Course	Stream	Intake
B. Tech	CSE	240
	ECE	150
	IT	180
	EE	60
	CE	60
	EIE / ECS	30
	ME	60
	CST	60
	CS (AI&ML)	180
	CSBS	60
	CSE (DS)	60

MCA	MCA	60
M.Tech	CE-SE	30
M.Tech	CSE	18
M.Tech	EE-PS	12
M.Tech	CE-GTE	18
M.Tech	ECE	12
Diploma	CE	30
Diploma	EE	60
Diploma	ETCE	30
Diploma	ME	60

Chapter 2

INSTITUTIONAL EVENTS

- The Department of Business Administration of Narula Institute of Technology has organised a "Session on CANCER AWARENESS" in association with Karkinos Oncology Institute on 19th July,2024 with the objective of creating awareness about cancer and to effectively propagate the symptoms and methods of precaution against the deadly disease. Keeping the same in mind, the students have prepared posters and PowerPoint presentations. The Guest speakers were:
 - 1) Dr.Rudra Prasad Ganguly MBBS,Karkinos Healthcare
 - 2) Mr.Indrajeet Kumar Manager,Karkinos Healthcare.



□ **Workshop on “Connecting with LinkedIn “in association with The Link Tribe on.**

"Two roads diverged in a wood, and I took the one less travelled by, and that has made all the difference." ----- Robert Frost

Different roads often come with unknown obstacles but beyond that lies opportunity for success. Narula Institute of Technology organized a Workshop Mr. Sumit Agarwal, an entrepreneur and LinkedIn Top Voice of India graced the occasion with his valuable insights. Mr. Agarwal engaged the audience with anecdotes and information regarding maximization of visibility and art of digital conversation.



- Tagore's creations are immortal and legendary and "Baishe Srabon" (as per Bengali calendar) always carries a special significance amongst all. An overcast sky with intermittent rain could not stop the students and faculty members from commemorating the death anniversary of the Noble Laureate Rabindranath Tagore on August 7, 2024.

There was a musical rendition followed by a general discussion on the last days of Tagore. The ambience of the language lab made Tagore's works more prominent in the minds of Narulites. The quote of Tagore echoed the lab-"let my thoughts come to you, when I am gone, like the afterglow of sunset at the margin of starry silence".



- Narula Institute of Technology observed the 116th Death Anniversary of Sahid Khudiram Bose on 11th August, 2024 at the institute. The cultural team of the college, within the campus, organized a Candle Light March. Everyone walked and participated in it, accompanied by songs from the music team. The faculty, staff members and other students joined in paying tribute to the freedom fighters.



□ Weeklong Celebration to mark the 78 years of Independence :: "Maa Tujhe Salam"

Narulites expressed their love and respect towards our dear motherland through a series of events for the whole week of Independence. To commemorate the **77th Independence Day** the campus was decorated with tricolour balloons, flags, portraits of freedom fighters and Rangoli.



On 12th August, the institute arranged a session-"How Independence Day has united us as a big nation" by Prof.(Dr.) Supratim Das-Vice Principal, Scottish Church



College and on 13th August, a session was organised on "Civic Rights and duties of a responsible citizen" by Mr. Ganesh Biswas-Additional Superintendent, Police Operation, Bankura.

On 14th, NiT organized a Sit n Sketch competition on the subject "Portrait of Freedom Fighters". On the other hand, an Elocution contest was arranged where the participants shared their perspective and understanding of the value of our freedom movement. During the afternoon, two solidarity matches were organized, one of Volleyball and the other Kho-kho. The students were infused by the spirit of "Meri Mati Mera Desh" and played solidarity matches among them.



On 15th August, the Indian flag was hoisted by Sardar



Simarpreet Singh, Director, JIS group and Prof.(Dr).Soumen Banerjee, Principal of the Institute. Dr. Nidhi Singh, Registrar, Deans, HODs and other faculty, staff and students paid tribute to the nation by singing the national anthem. The NCC wing of the college showcased their honour to the national flag by the salute and shout of Vande mataram. The students sang patriotic songs and performed a drama depicting the brutality of the British government and how Indians struggled and achieved freedom.

□ Narulites stand by the wonder kids

The disability is a disorder, not a decision and the students and faculty members took a small effort to hold the hands of around 250 mentally challenged learners at a cultural event organised by Anandamoyee Mental Disability and Handicapped Society during their 10th Anniversary celebration. The cultural team of the institute led by the faculty members presented a wondrous musical programme which mesmerized the audience and encouraged the especially abled learners. The smiling faces and melodious voice of the special kids brought tears of joy and firm conviction amongst the Narulites to extend all possible support to these distressed students in their future endeavours.



- To celebrate the birth and work of Bharat Ratna Mokshagundam Visvesvaraya, Narula Institute of Technology celebrated National Engineer's Day on 15th September, 2024 with great vigour and innovation. Each department of the college celebrated this day with creative events that produced enthusiasm among the upcoming engineers of our society.

Department of Electrical Engineering of college organized an Invited talk in association with Engineering College Student Chapter, Institute of Engineers (India) by Prof. Dipayan Guha, Department of Electrical Engineering, Motilal Nehru National Institute of Technology Allahabad, on AI in Cyber Physical Power Systems. Department of CSE celebrated this 15th September, with a Poster competition in association with IE(I) Students' Chapter and Coding competition in association with IETE student forum.



Viswakarma Puja 2024

The Mechanical Engineering Department on behalf of the Institute organized 2024's Viswakarma Puja at the college premises. The idol was made by Mechanical engineering department students with the help of Design and Art Club of Narula Institute of Technology. Fabrication of metal Viswakarma idol was done by using worn-out scrap materials. Structure of the body was made with steel pipes and TMT bars. The



body parts of the idol were fabricated with different scrap materials like gear, bearing, hydraulic/ coil spring, etc. Skeleton of the metal idol was covered with steel sheets by the welding process. Finally, the outer parts of the sheet metal were painted to give it a glorious finish. The auspicious occasion was gracefully celebrated with the presence of our honourable Principal, Prof. (Dr). Soumen Banerjee & Registrar Dr. Nidhi Singh.

- Narula Institute of Technology (NiT), hosted an Internal Hackathon on September 26th, 2024, in alignment with the prestigious Smart India Hackathon (SIH) 2024 at the College Campus. The external judges who graced the event with their expertise were Dr. Atanu Roy Chowdhury (Founder & CEO, Gapcrud Pvt. Ltd), Dr. Manjira Sinha (Scientist, Data and Decision Science, TCS Research & Innovation Lab), Dr. Arup Kumar Chattopadhyay (Senior Teaching Fellow, BS Degree Program, IIT Madras), Dr. Tirthankar Dasgupta (Senior Scientist, Data and Decision Science, TCS Research & Innovation Lab).

NiT's internal hackathon served as a crucial precursor to SIH 2024, setting the stage for ingenious solutions to emerge. A total of 110 teams, each team comprising six students, including at least one female member, submitted their innovative ideas. Following a rigorous blind screening process by the internal review committee, 70 teams earned the privilege of participating in the internal hackathon. There was huge enthusiasm among the participating teams around this internal hackathon (SIH 2024), as evident from their vibrant presence throughout the day at the campus. All jury members highly appreciated their spirited presentations and admitted that it was indeed difficult for them to shortlist only thirty-five teams (as per the SIH 2024 norm) from so many promising presentations.



□ **"Statecon-the Annual Real Estate Conclave, organized by CREDAI-West Bengal**



A 70 student delegation from Business Administration, Hospital Management and Computer Application departments of Narula Institute of Technology attended the event -"Statecon-the Annual Real Estate Conclave, organized by CREDAI-West Bengal at Dhono Dhananyo Auditorium on 4th September, 2024. The event was inaugurated by Ms. Mamata Banerjee, Hon'ble CM while highlighting the immense importance of the Real sector in building Brand Bengal.

This year the theme was 'Showcasing Real Estate & Urbanization as drivers of Economic Growth and Employment'

□ Narula Institute of Technology Celebrates World Photography Day with a Photography Exhibition cum Contest. World Photography Day is a day to celebrate the art and science of photography, and to appreciate the beauty and diversity of our world through the eyes of the photographers. On August 19, 2024, Narula Institute of Technology joined the global celebration by hosting a photography exhibition and competition for its students.

The event was organized by the Photography Club of NiT,



which aimed to promote and nurture the passion and talent of the students in this field. The contest was open to students from all branches and disciplines. The theme of the contest was "Your Best Click", and the participants were free to use any type of camera, including DSLR, mirrorless, or mobile. The exhibition was held in Language Lab, where the walls were adorned with various photographs showcasing the talent and vision of the students. The photographs ranged from landscapes, portraits, wildlife, abstract, macro, and more.

The event was a great success, as it showcased the artistic flair and enthusiasm of the students. It has also inspired the photography club to organize more events like these in the

future. It also provided a platform for them to learn from each other and from the experts.

□ **Agomoni 2k24**

Narula Institute of Technology celebrated the onset of 'Sharodiya' with cultural brilliance, observing a two-day long festivity 'Agomoni 2024'. All the faculty, staff and students swayed to the beats of Dandiya on Tritiya, celebrating the fervour of Navaratri with great gusto.

The event started with the students dancing to the beats of songs in the college field and later in the evening everyone dressed vibrantly, treading feet on the songs of Dandiya in the college Lobby.

Special mention to the Art and Design club of the college, where the students' remarkable creativity brought Maa Durga right into our Campus amidst 'Kashphool' (Catkin grass) and 'Alpona'



Day two of the Agomoni Utsav witnessed the gaiety of everyone dressed in traditional attire. The day started with photo sessions near the Sharodiya set up in front of Ma Durga. In the evening, faculty and staff swayed to the tunes of Dhak, quintessential flavour of Durga Puja, Dhunuchi naach (dance with censer burning incense). The entire campus reverberated with the festive tunes as everyone geared up for the Pujoo Holidays.



□ **NiT Lit – The Literary Fest and launch of NiT Insights.**

Narula Institute of Technology (NiT) under the aegis of JIS Group Educational initiatives witnessed an enlightening and culturally enriching event, the NiT-LiT Fest 2024. This Inter-Institute literary festival aimed to foster communication skills, nurture literary talent, and contribute to the personality development of young learners. The event was held on October 12, 2024, and was a resounding success with participation from over 20 schools and 15 colleges across the state, resulting in a footfall of 550+ attendees.





The fest marked the launch of "NiT Insights," a monthly coffee table book by Narula Institute of Technology. The book was inaugurated by Dr. Nishi Pulugurtha, a distinguished Poet and Author. Her presence added immense value to the event, inspiring young writers and poets. A series of literary and public speaking competitions, including public speaking contests, poetry readings, and essay writing competitions, were organized. The NiT-LiT Fest 2024 received widespread

appreciation from participants, attendees, and guests.

On this occasion **Mr Simarpreet Singh, Director JIS Group** has mentioned that “This literary festival has not only made a positive impact on the young participants but has also left a lasting impression on the literary and cultural landscape of the state. It is a testament to the enduring power of literature and communication in shaping young minds.

NiT provided a valuable platform for young learners to enhance their communication skills, express their literary talents, and shape their personalities. The event's success can be attributed to the dedication of the Literary and Public Speaking Club of Narula Institute of Technology, the active participation of numerous schools and colleges, and the inspiring presence of Dr. Nishi Pulugurtha. We look forward to the continued success of NiT-LiT Fest in the coming years.”

- The Department of Mechanical Engineering proudly announced the establishment of a new student chapter of the Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE) on October 3, 2024. This momentous occasion was celebrated with enthusiasm and fervor on the college premises. The event was graced by eminent speakers from the industry, along with distinguished guests and faculty members. The event featured industry experts, Mr. Arijit Halder, Manager Package Unit at Blue Star Santanu Dutta, of the Central & Service Division Limited. They delivered an enlightening talk on "Variable Refrigerant Flow (VRF) Systems," providing valuable insights into the latest advancements in the field of HVAC engineering. Mr. Shankha Bhattacharya, the President of the Kolkata ISHRAE Chapter, and the Installation Officer for this event, presided over the



installation ceremony. The chapter is expected to facilitate learning, networking, and skill development for students interested in the HVAC industry. The Narula Institute of Technology community looks forward to the contributions and achievements that this newly established ISHRAE Student Chapter will make in the field of mechanical engineering and beyond.

□ **"Bhargavi - Bijoya Sammelani"**

Rounding up the season of festivities, the staff members of Narula Institute of Technology organized "Bhargavi", the Bijoya Sammelani on November, 2024.

The event commenced with a musical piece and thereafter a cascade of music, dance, recitation, dance drama followed. The staff members presented a fashion show on "Shakti Rupena Sansthita" here the diversified job roles of a lady in everyday life is represented. The theme showcased that men and women are designed to complement each other. In the end, the comedy drama made everyone laugh aloud and the teachers left the campus on a cheerful note.



□ **Transformative Workshop Aimed at Enhancing Women's Mental Well-Being**

Narula Institute of Technology recently hosted a transformative workshop aimed at enhancing women's mental well-being. Distinguished medical professionals graced the event as speakers, imparting invaluable wisdom.



Dr. Biswajit Ray, the superintendent of Lumbini Park Mental Hospital, took center stage, emphasizing the critical importance of mental health for women. He delved into common challenges and offered pragmatic solutions, shedding light on the problems caused by stress and anxiety.



Following Dr. Ray's enlightening discourse, Dr. Amitava Das, a psychiatrist at Lumbini Park Mental Hospital, provided a comprehensive overview of mental health, with a particular focus on the intricacies of panic attacks. His expertise illuminated the audience, equipping them with vital knowledge to navigate these complex issues. The final speaker, Dr. Shampa Sarkar, also a psychiatrist at Lumbini Park Mental Hospital, addressed the unique challenges faced by women during and after pregnancy.

Throughout the workshop, the speakers introduced a range of activities designed to nurture mental well-being. The session concluded with an engaging question-and-answer segment. The workshop proved to be an invaluable resource, offering participants a deeper understanding of the nuances of women's mental health and equipping them with practical strategies to cultivate and maintain their well-being.



□ **"Two-day National Conference on Contemporary Issues and Challenges in Management and Technology –NACMAT 2024"**

The Department of Business Administration of NiT has organised a "Two-day National Conference on Contemporary Issues and Challenges in Management and Technology – NACMAT2024" on 22nd and 23rd November, 2024. The objective of the conference was to bring together an interdisciplinary team of researchers to share their ideas, information and research on recent trends in management and technology. The inaugural Programme started with the lighting of the lamp by the dignitaries, followed by short speeches delivered by the guests. After the Inaugural Programme an abstract volume of the conference was published.

In this conference 3 invited speakers, three lead speakers and 35 paper presenters came from across India and presented their papers. Total 100 participants joined the conference. Out of these, 50 were students from NiT and other colleges in Kolkata and outside and the rest of them are faculty members and research scholars. There were four technical sessions that took place in two days. The second day after completion of the technical session a small cultural programme was organized by the students of the Department on the theme "Cultural diversity and Unity".

❑ **Christmas Celebration**

The campus of Narula Institute of Technology was filled with festive fervor as the students and staff members came together to celebrate Christmas. The college premises were decorated with balloons and festive ornaments. The celebration kicked off with Carol singing which was followed by the appearance of Santa Claus who distributed chocolates to all. The event marked the joy of Christmas and the advent of a brand New Year with the wishes of happiness, generosity and unity.



❑ **AMRIT KAL@2047**

Narula Institute of Technology hosted a thought-provoking seminar on "AMRIT KAL@2047" on 4th December 2024, featuring distinguished speakers and a diverse audience. The event aimed to explore future possibilities and challenges, particularly focusing on the role of youth in shaping a prosperous India by the year 2047. Dr. Vohra, a Special Advisor to Lesotho, Guinea-Bissau, and South Sudan, graced the event with his profound insights into global affairs. His address emphasized the importance of international collaboration in achieving India's aspirations by 2047. Commander Jaitly, National Coordinator for Youth4Nation inspired the audience with his thoughts on leadership, innovation, and the pivotal role of youth in nation-building. Programme Convenor, Ms. Jhunjhunwala, Vice-president of Youth4Nation and Principal



at Mantras Foundation Start-up Acceleration, played a crucial role in organizing the event. Her dynamic leadership contributed to the success of the seminar. The speakers delved into various facets of India's journey towards 2047, discussing socio-economic challenges, technological advancements, and the vital role of

education in shaping the nation's future. Insights were shared on fostering innovation, promoting sustainable development, and empowering the youth to lead change

□ **SMART INDIA HACKATHON 2024 GRAND FINALE.**

We are proud to share that the team "LUNABYTES" from Narula Institute of Technology is the winner in Hardware Category of Smart India Hackathon 2024 Grand Finale. The Project- Monitoring Through AI Based Remote Access Vehicle under the Ministry of Power under the aegis of Ministry of Power, redefines remote monitoring capabilities.



□ **Friendly Football Match--- Alumni vs. Present Students**

The highly anticipated friendly football match between the alumni and present students of Narula Institute of Technology took place on December 2, 2024, at the institutes sports ground. The event



is organised by Alumni association of Narula Institute of Technology. The match showcased exceptional sportsmanship, skill, and enthusiasm from both sides. The alumni team demonstrated their experience and prowess on the field, securing a convincing victory with a final score of 4-1. From the kick-off, the alumni displayed a strong command of the game, showcasing their years of playing experience since their time at the institute.

Despite the spirited efforts of the present students, the alumni's cohesive teamwork and strategic plays proved to be the defining factors. The match saw impressive goals from the alumni, highlighting their technical finesse and ability to capitalize on scoring opportunities.

The present students, while facing a formidable opponent, exhibited resilience and determination throughout the game. The match served as a platform for skill development and learning experiences for the current students, fostering a



sense of camaraderie between the different generations of Narula Institute of Technology. The event was attended by a lively crowd of students, faculty, and alumni, creating a vibrant atmosphere that added to the overall excitement of the match. The post-match interactions between the alumni and present students further strengthened the bonds within the Narula Institute of Technology community.

In conclusion, the friendly football match between the alumni and present students was a resounding success, blending competition with a sense of unity and shared history. Congratulations to the alumni team for their well-deserved victory, and kudos to all participants for contributing to a memorable sporting event at Narula Institute of Technology.

Man of the Match- Bikash Dutta Alumnus, BBA 2015 batch
Highest Scorer - Prithu Lahiri Alumnus, MCA 2012 batch



□ **Viksit Bharat: The New India Debate**

JIS Group recently hosted a thought-provoking debate session at JIS University & NIT Ground, creating a unique platform for intellectual discourse among students. The debate, themed "Yahi Samay Hai!! Viksit Bharat ka Anmol Samay Hai" (This is the time!! It's the precious time for developed India), sparked insightful discussions and critical thinking. The event aimed to cultivate critical thinking skills essential for navigating the complexities of the future, aligning with JIS Group's commitment to holistic education. Sardar Simarpreet Singh, Director, welcomed attendees, and Shri. Sanjeev Sanyal, Chief Guest and Member of the Economic Advisory Council of the Prime Minister & Secretary to Govt. of India, addressed the session. The event was attended by the Vice Chancellor of JIS University, NIT Principal, principals of JIS Group colleges, faculty members, school principals, and students. Jaspreet Kaur, Director, expressed gratitude in the vote of thanks.



❑ Swami Vivekananda's Birthday and International Youth Day

A vibrant atmosphere filled Narula Institute of Technology today as the institute celebrated Swami Vivekananda's Birthday and International Youth Day on 12th January, 2025. The celebrations, held both online and offline, resonated with the spirit of the day, honouring Swamiji's legacy and inspiring the youth. The students paid their respects to Swami Vivekananda with devotional fervour, remembering his teachings on self-reliance, social responsibility, and national pride. The college dance team took center stage with a captivating performance, adding a touch of artistic expression to the celebration. The online platform buzzed with an insightful seminar organized by the Literary & Public Speaking Club. Professor Hira Gupta, Assistant Professor and TIC from Asansol Engineering College, delivered a thought-provoking talk on "Impact of Education on Youth Development." His words resonated with the students, igniting their passion for learning and personal growth.



❑ Inaugural session of JIS Spirit 2025

The grand inaugural session of JIS Spirit 2025, held at the NIT College Ground on January 15, 2025, marked the commencement of a vibrant and diverse extravaganza. With a theme centered on "Unity in Diversity," the event promised to project the essence of cultural inclusivity within and beyond the JIS Group. The ceremony began with a spectacular display of colours and energy as students, faculty, and esteemed guests gathered at the NIT College Ground. The venue was adorned with banners and decorations reflecting the spirit of the occasion. The palpable excitement in the air set the tone for what promised to be an immersive and engaging experience. Eminent dancer **Tanushree Sankar** graced the occasion as the chief guest, adding a touch of glamour and expertise to the event. Her presence not only added prestige but also resonated well with the theme, showcasing diversity through the medium of dance.





□ **Republic Day Flag Hoisting ceremony**

Amidst the significant occasion of Republic Day, a lively flag hoisting ceremony took place at Narula Institute of Technology, orchestrated by the esteemed Director of JIS Group, Sardar Simarpreet Singh and Prof. Dr. Soumen Banerjee, the Principal of Narula Institute of Technology. The event commenced with a palpable sense of patriotism, as the NCC unit, students, faculty, and guests gathered in unity to celebrate the 75th Republic Day of India. Sardar Simarpreet Singh, a distinguished figure in education and leadership, graced the ceremony with his presence. His commitment to fostering a sense of national pride and community engagement was evident as he hoisted the tricolour, symbolizing the sovereignty of the nation. The ceremony was marked by cultural performances, showcasing the rich heritage of the nation. Dance, music, and poetry infused the atmosphere with a spirit of celebration, reflecting the diverse tapestry of Indian culture.



□ **TiE Kolkata-JIS Group Pitch competition**

The TiE Kolkata-JIS Group Pitch competition, powered by Idea-o-meter, unfolded at Narula Institute of Technology on January 20th. The event commenced with an inaugural address by Ms Jaspreet Kaur, Director-JIS Group setting the tone for a dynamic showcase of entrepreneurial prowess.

Dr. Bansari Deb Majumdar, the HOD-EE at NiT and Idea-O-Meter coordinator, delivered a warm welcome to kick-start the competition. Ms. Manjima Mukherjee - Famous Creative and Digital Entrepreneur, Ms. Priyanka Chatterjee, Director, Standard Publicity Private Limited and Mr. Sushobhan Mukherjee - Chairman InfoSec Foundation were the eminent judges, whose expertise undoubtedly enriched the event, played a pivotal role in evaluating the innovative pitches presented by participants. This convergence of talent and expertise underscored the commitment to fostering entrepreneurship within the vibrant ecosystem of TiE Kolkata and JIS Group. Winners from Narula Institute of Technology: **Team Calorie Guard** from CSBS Department and 1st Runner-up: **Team INDMEDICO** from ECE Department

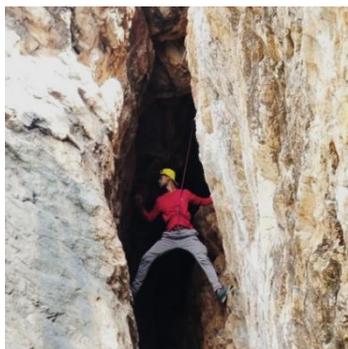


□ **SJSMCT 2025**

NiT Boys Cricket Team showcased incredible talent at the SJSMCT 2025 tournament organized by JIS Group. On the hallowed cricket pitch, our student's team carved a path to the coveted final, each boundary a testament to their dedication, each wicket a celebration of teamwork. Kudos to the team for their outstanding performance



- The NCC Unit of Narula Institute of Technology organised A Winter Camp for Rock Climbing and Nature Study Course in collaboration with Kanchrapara Quest Adventures, a mountaineering club registered by West Bengal Youth Service Department (WBYSB) and approved by Indian Mountaineering Foundation (IMF) at Susunia Hills, Bankura from 20th January 2024 to 23rd January 2024. Eighteen (18) Students of different Departments Participated along with their mentor Flying Officer Sabir Ali, ANO, NCC unit, NiT.



□ Saraswati Puja

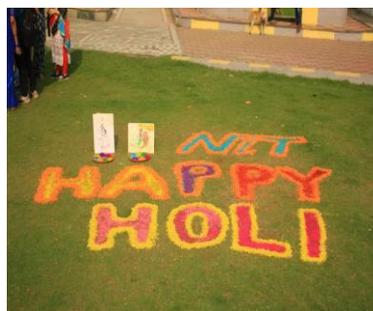
Resonating with the melodious strains of the Veena, Narula Institute of Technology unfolded the vibrant tradition of Saraswati Puja. The esteemed dignitaries Sardar Simarpreet Singh, Director, JIS Group and Dr. Nitin Kumar Tripathi, Academic Senate and Director, Special Degree Programmes at the School of Engineering and Technology, Asian Institute of Technology, Bangkok inaugurated the celebrations with a ribbon-cutting ceremony, symbolic of knowledge's unlocking. The veil concealing the holy idol of Goddess Saraswati was unveiled by Sardar Simarpreet Singh, Director, JIS Group and the melodious rendition of Saraswati Vandana filled the air with devotion. This poignant moment was further amplified by a captivating dance performance by our student, weaving a graceful narrative through their movements. The faculty and staff members joined the artistic tapestry, sharing their talents through diverse performances.





□ **Holi Celebration at Campus: Spring is Life, Spring is Hope**

As the vibrant festival of colours approaches, Narula Institute of Technology geared up to celebrate Holi with enthusiasm and a sense of responsibility towards the environment. Beyond the colorful revelry, our Holi celebration offers a platform for cultural exchange and mutual respect. Students from diverse backgrounds came together and participated gleefully in the joyous festivities, fostering a sense of unity and inclusivity within our campus community.



□ **International Mother Language Day / Bhasha Divas**

On the occasion of International Mother Language Day/Bhasha Divas, the students of Narula Institute of Technology (NiT) echoed the campus with the songs, recitation and dances in their respective mother tongues.

The youngsters of our college set the stage ablaze with their electrifying dance performances. Their repertoire spanned the spectrum from the vibrant hues of Bengali folk to the contemporary beats of today. Meanwhile, the "Music Team" serenaded the audience with their melodious renditions, paying homage to the language martyrs through their soulful music. The audience was captivated by the Rabindra Sangeet and other Bengali and Hindi songs. Beyond the cultural extravaganza, candles were lit in memory of the martyrs, and a pledge was taken to uphold the dignity of the mother tongues.

All in all, the 21st of February etched a significant chapter in the history of the Institute . It was a day that resonated with the spirit of Bhasha Divas, reminding everyone of the importance of cherishing and preserving our mother tongue.



□ **National Science Day**

On February 28th, 2025, Narula Institute of Technology commemorated National Science Day with great fervor. The event, organized by the Institution's Innovation Council (IIC), featured engaging poster presentations on the "Importance of Science and its applications."

Additionally, the Department of Electronics and Computer Science proudly presented a Wall Magazine titled "TECHNIVERSE," showcasing the latest advancements and innovations in the field. Their innovative ideas showcased the brilliance of our students and underscored the significance of scientific exploration.

The BS&HU department also encouraged students to perform small magic tricks using principles from physics and chemistry. This initiative not only added an element of fun to the event but also demonstrated the practical applications of scientific concepts in an engaging manner. It showcased how science can be both educational and entertaining, further fostering curiosity and interest among the participants.



□ The Department of Electrical Engineering of Narula Institute of Technology organized an “One-Week Faculty Development Programme on Contemporary Research Areas in Electrical and Electronics Engineering” from 19th February to 23rd February 2025. Total 47 participants with a wide gamut of academic background and research interest from various reputed institutes of the country participated in the FDP.

Dr. Amitava Chatterjee, Professor of Electrical Engineering of Jadavpur University, an internationally renowned academician, inaugurated the FDP and also gave the keynote speech on the role of computer vision in human-robot collaboration. Dr. Prabir Kumar Mukhopadhyay, ex-Chairman, DVC, discussed the potential of agricultural waste to produce thermal power in co-firing principle. Mr. Ayan Dey, Director of Aeonix Research and Innovations LLP, talked about the inspiring journey of his start-up company that provide R&D support and solutions to various government as well as private sector organizations. Prof. (Dr.) Konika Das (Bhattacharya), Professor and former head of Electrical Engineering Department, IEST Shibpur, talked about technological aspects for overcoming barriers of energy access in rural India. Dr. Arijit Baral, Associate Professor of Electrical Engineering of IIT (ISM) Dhanbad, highlighted the technical challenges of monitoring degradation in the oil and paper insulations of a power transformer. The participants benefited from the enlightening and motivating lecture and hands-on sessions of the FDP, as reflected in their feedback and spontaneous interactions.



Grand opening of the Blue Star “Centre of Excellence”-

The grand opening of the Blue Star "Centre of Excellence"- Industry Sponsored Lab was inaugurated at Narula Institute of Technology on 9th February, 2025. This event highlighted a joint effort between academia and industry to enhance practical learning experiences in HVAC systems. Distinguished guests from Blue Star Mr. Michael Angre – V.P. Central Plant Service Dept, Mr. Sanjeev Rastogi – G.M. & Sr. Lead Specialist All India Head of Service Specialist Group, Mr. Palani E – DGM & Lead Specialist of VRF Product & Mr. Srinivasa Rao M – DGM & Regional Head Eastern Region Central Plant Service Dept. graced the ceremony, emphasizing the initiative's importance. The inauguration ceremony commenced with a Keynote address by Mr T.K. Saha, Director Industry and Alliance, JIS Group where he briefed about the scope of this initiative followed by welcome address by the Principal, (Prof.) Dr. Soumen Banerjee.



Developing Analytical Approach for Assessment of Gender Budgeting in India by FICCI

Women Cell members of Narula Institute of Technology attended a one-day regional workshop titled, “Developing Analytical Approach for Assessment of Gender Budgeting in India”. On 9.02.2025 at HHI, Kolkata, organized by FICCI. Gender responsive budgeting helps to track the way that budgets respond to women's priorities and the way that governments use funds to reduce poverty, promote gender equality, reverse the spread of HIV, reduce menstrual restrictions and lower the rates of maternal and child mortality.



□ **International Conference TCSCON 2025 hosted by Department of Basic Science and Humanities**

TCSCON 2025, hosted by Narula Institute of Technology, focused on Environmental Sustainability and Green Technology. With 123 papers submitted, 65 were selected for presentation and potential publication in renowned journals. Distinguished speakers like Dr. Mahua Hom Chowdhury and Prof. Biswajit Sarkar discussed AI in various fields. Plenary talks by Prof. Samarjit Kar and Prof. Aradhna Malik set the tone for engaging discussions on topics including AI, sustainability, and cybersecurity. The event provided a platform for academia and industry to exchange insights and foster collaboration. The Valedictory Ceremony concluded with acknowledgments and discussions on post-conference publications, marking the conference as a resounding success.



□ The Narula Institute of Technology Campus witnessed a star-studded afternoon with the appearance of Bollywood Actor **Vidyt Jammwal** on 26th February who made his illustrious presence for the promotion of his movie **Crakk**. The crowd cheered and shouted "Jeetega. toh jeeyega", when the celebrity actor entered the campus with a blast. It was an electrifying ambience which led to a memorable experience for the JIS-ians.



□ **Annual Alumni Meet, Nostalgia 2k24**

NiT organized its annual Alumni Meet, Nostalgia 2k24 on 23rd March, bringing together former students from various batches to reconnect, reminisce, and celebrate their shared experiences. Attendees shared nostalgic moments and fond memories of their time at the institute, strengthening bonds and camaraderie. The event brings the pre Holi spirit and all the alumni were welcomed with the traditional "abir" and a refreshing thandai. The gala event also witnessed cake cutting ceremony followed by the lunch. The Alumni Meet served as a platform for alumni to reconnect, celebrate their shared heritage, and contribute to the growth and development of their alma mater. It reinforced the sense of belonging and pride associated with being a part of the institute's alumni community. The success of this year's Alumni Meet sets a promising precedent for future editions, with opportunities to expand and enhance the event to further engage alumni and strengthen their ties with the institute.



□ **Winsome 2025: International Women's Day 2025.**

The Women Cell of Narula Institute of Technology has organised multicolour events to empower the Women fraternity on the eve of this International Women's Day 2025. **Winsome 2025**, the celebration of Women's Day at Narula Institute of Technology commenced with the Inter Department Tug of war which symbolized the struggles and challenges that women have faced historically and continue to face today. The students from different departments participated gleefully in this event and championed the slogan: *Inspire Inclusion and Pledge for Parity*. The Tug of War represents the ongoing fight for gender equality, empowerment, and recognition of women's rights. The event was held on 8th March 2025 from 3PM onwards.

Women's Health and Hygiene is an imported factor elaborately discussed by Dr. Purbasha Roy and her team from Joint and Bone Care Hospital. Followed by this session, the women cell has also arranged a free Women Health Check-up Camp for the female students and faculty and staff members. Vital checkups like Blood Sugar, Blood Pressure, ECG, were conducted by the team. The Doctor, Dietician and Physiotherapist were there for a free consultation.



❑ **Investor awareness program in association with SEBI (Securities & Exchange Board of India)**

The Department of Business Administration, in association with SEBI (Securities & Exchange Board of India), organised an investor awareness program for the students and faculty members of the college on 26th February. The objective of the program was to create awareness about different financial instruments for investment and their risks and benefits. In this program, experts discussed the issues related to wealth creation, introduction to Securities Market, Basics of investing, Account Opening process, investment in Securities Market, Mutual Fund, Demat Account and its Importance and grievance Redressal mechanism. The students learnt the mechanism of the financial market. The speakers of the programme were Mr.Somnath Mozumder, Official of Central Depository Services Ltd, Kolkata, Mrs. Somrita Naskar, AGM , SEBI , Mr. Avijit Saha from BSE.



❑ **NiT JEWELS**

On 8th April,2025 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 2025, 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, 2025, 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 2025- The Inter School Carnival**

Narula Institute of Technology hosted Ecstasy 2025- The Inter School Carnival, a weeklong event (3rd April-10th April,2025) 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, 2025, 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.**



❑ A Technical Seminar Titled "MERN Stack Development"

On 25th April 2025, 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.

□ **"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.



□ **JIS Innovation Award, 2025**

Narula Institute of Technology hosted the coveted ceremony titled JIS Innovation Award, 2025 at J C Bose Auditorium on 29th May, 2025. This award distribution ceremony appreciates and celebrates the remarkable effort of faculty and students during AY 2022-2024 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 2025, 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.





□ **"Adios 2k24," : Happy Endings for New Beginnings:**

On May 22, 2025, the Electronics and Computer Science Department hosted a memorable farewell celebration, "Adios 2k24," for the B. Tech final year students of the 2020-2025 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 colorful 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.





- The Alumni Talk held on 24th May 2025 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.



□ **Debating Excellence 2025**

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 2025 on 1st July, 2025 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 2025 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, 2025 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.

□ "Mindspark 2K25"- 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 6th June 2025. 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.

CHAPTER 3

INFRASTRUCTURE

ICT based Classrooms

The institute has been making an untiring endeavour since its inception for ensuring adequate availability and optimal utilization of physical infrastructure for smooth conduction of teaching learning activities within a well maintained lush green campus. It has adequate infrastructure in alignment with the regulatory norms as listed below.

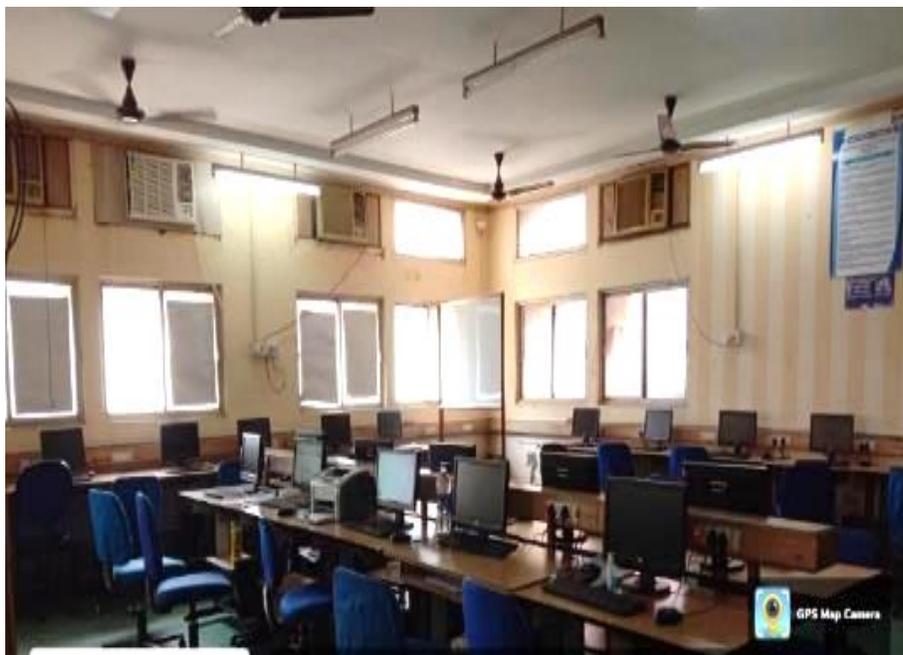
Classrooms for Theory/Tutorial Classes: The institute has 52 ICT-enabled ergonomically designed classrooms each with proper ventilation and reverberation free ambience for smooth conduction of theory classes. Additionally, there are also adequate numbers of tutorial rooms to cater to the special needs of teaching learning process.



Laboratory & Computing Facilities:

Adhering to the specifications as laid down by the regulatory body, the institute always makes sincere endeavors to ensure quality of all of its UG and PG laboratories (including research laboratories). All the laboratories including workshops are equipped with excellent instruments. There are also some industry sponsored laboratories to offer training for Remote Sensing, PCB design and Fluid Power Control.

A constant effort has been made to modernize laboratories for upskilling students on modern-day automation in alignment with the need for Industry 4.0 digital transformation. The non- IT lab facilities encompassing Mechanical Engineering Labs (e.g. Hydraulic Lab), Electronics Engineering Labs (e.g. PLC Lab), Electrical Engineering Labs, Civil Engineering Labs, Instrumentation Engineering Labs etc. are also equipped with most modern setups procured from global technology giants such as BOSCH, Siemens, Honeywell etc.



In recent days, computer system has become an inseparable component for every academic activity. The entire campus has **980** active PCs with the latest i7/i5/i3/Core2Duo, 16GB/8GB/4GB/2GB DDR4 RAM hardware features. Sufficient number of essential licensed system software (19) and licensed application software (54) with annually renewed Microsoft campus agreement are installed in each PC.

Beyond the basic software requirements of teaching and learning, the institute has also ensured availability of several utility software kits such as IBM RATIONAL ROSE, CATIA V6, DEL STATISTICA, STAAD PRO, ANSYS, CADENCE, Visual T-CAD, Symica AMS IC Design Tool Kit, Proteus VSM, Synopsys EDA Tools, Mathematica, Caspock, Matlab, LabView, MiPower etc. The institute has a central computer centre which comprises adequate number of computers with 1:3 availability ratio for the students to carry out their academic and research activities smoothly without any logistic issues. All computers are connected to the internet over high-speed cables and a dedicated system admin looks after the maintenance of the computing facility.



Internet Connectivity, G-Suite Google Account & Printer Facilities: Institute provides uninterrupted access to network services with 200 Mbps internet bandwidth. The campus is Wi-fi enabled with 24/7 internet connection facilities having adequate band-width for conducting live sessions. The institute also provides printing facilities to the faculties with availability of different types of LaserJet black & white and colour printers. Each faculty member is also officially provided a g-suite google account to avail facilities like Gmail, Google Meet, Google Classroom, Google Drive for ensuring collaborative working environment.

Additional Facilities: In addition, the institute has five digital studios which have the facility for recording and projection with audio visual system. The institute also has a dedicated language lab equipped with the most advanced AV System and ISIL software.

Other Important Laboratories:

CENTRE OF EXCELLENCE (COE) FOR INNOVATION ECOSYSTEM

NIT has created the Centre of Excellence (CoE) for Innovation Ecosystem harnessing talents in some of its potential areas. This centre will cater to the growing needs and potentials of the students involved in higher education by providing them tools, methodologies and support for exciting research opportunities. This is not going to be department specific but interdisciplinary ventures which thus are going to create entrepreneurial avenues leading to employment generation rather than mere job seekers.

In this centre of excellence, we aim

1. To harness the potential of technological advances to solve the existing socio-economic and environmental problems.
2. To turn the digital divide into a digital opportunity for all through functionality driven lowcost hardware design.
3. To develop a fertile ground for learners, developers, contributors, entrepreneurs and decision-makers. To work in the direction of building an inclusive society with the participation of Government, Private Sector and International Organizations.

❖ The Centre of Excellence Laboratory by BOSCH and REXROTH



❖ **Blue-Star lab**

The grand opening of the Blue Star "Centre of Excellence"- Industry Sponsored Lab was inaugurated at Narula Institute of Technology on 9th February, 2024. This event highlighted a joint effort between academia and industry to enhance practical learning experiences in HVAC systems.

Distinguished guests from Blue Star Mr. Michael Angre – V.P. Central Plant Service Dept, Mr. Sanjeev Rastogi – G.M. & Sr. Lead Specialist All India Head of Service Specialist Group, Mr. Palani E – DGM & Lead Specialist of VRF Product & Mr. Srinivasa Rao M – DGM & Regional Head Eastern Region Central Plant Service Dept. graced the ceremony, emphasizing the initiative's importance.



❖ Apple Lab

Narula Institute of Technology has unveiled a state-of-the-art computer lab, with Apple desktops, offering students access to advanced technology and industry-standard tools. The lab aims to bridge the gap between academic learning and real-world applications, preparing students for careers in creative fields.

With Apple computers, students can work with tools like Final Cut Pro for video editing, Xcode for app development, and Logic Pro for music production, enhancing their skills for industries such as graphic design, video production, music, and software development.



Library & Documentation Centre



The Central Library of Narula Institute of Technology is an integral part of the Institute since the establishment of the college in order to meet the information requirement of the faculty, Students & Staffs. The automated library has an enormous collection consisting of near about 93,000 (Ninety-three thousand) Printed books, journals, E-Journals, E-Books, Magazines, Newspaper & CD-ROMs. The goal of the Library & Documentation Centre is to support the advancement of knowledge & education excellence by offering a rich collection development policy, automated Circulation system, book bank facility for every student, Digital zone segment, question bank repository, Display Service & E-mail service towards its clientele.

Mission, Vision, Policy

The mission, vision & policy are same as with the Institution's mission, vision & policy.

Goal

The goal of the Library & Documentation Centre of the Institute to create and sustain an information environment that supports the educational and research needs and enables learning and advancement of knowledge of the Institution community.

Library Opening Hours

- *Reading Room* 10 am to 8.00 pm
- *Reference Section* 10 am to 8.00 pm
- *Journal and Career Guidance* 10 am to 8.00 pm
- *Internet Section* 10 am to 5.45 pm
- *Lending Section* 10 am to 5.45 pm

Membership

Students & Staff can access library with their **College ID Cards**.

Overdue & Loss of Books

- For overdue of Books- Per day 2/-
- For Damage or loss of books- Replacement by the same
- Barcode Mutilation- Penalty of 25/-

Circulation

Document Type	Faculty & Staffs		Students	
	Entitlement	Retention	Entitlement	Retention
Books (Text)	06	180 Days	One title/ Subject	180 Days
Books (Reference)	04	15 Days	04	15 Days
Books (Daily Purpose)	01	01 Days	01	01 Days
CD ROM	01	01 Days	01	01 Days
Journal/Magazines	01	01 Days	01	01 Days
Question Papers	01	01 Days	01	01 Days

Annual Addition of Books

Year	Books	
	Title	Volume
2024-2025	75	5457

Library Floor Area

The library consisting of the following areas:

Room No.	Allotted For	Area(in m2)
203A	Faculty Reading Room	36
204A	Student E-Zone	36
205	Stack Room (Semester books)	109.36
206	Circulation Room + Technical Processing Unit	109.07
207	Stack Room (Reference Room)	72.55
208	Stack Room (Semester books)	72.55
209	Boys' Toilet	29
210A	Girls' Toilet	29
211	Reading room	254
212	Librarian's Room + Study Zone	72.81
213	Open Access	254
Corridor	Corridor	170.53
Total Area		1244.87

Library Transaction

Academic Year	Teaching Days	Total Transaction	Average Transaction
2024-2025	174	50583	562

Library Budget

Year	Books (in Lakhs)	Magazines/Journals (Hard copy)	Magazines/Journals (Soft copy)	Misc. Contents
2024-2025	28.02	62903	11,18,495	63255

Digital Library

- E-Books from leading Publishers
- E-Journals from IEEE ASSP
- J Gate Database
- E-Shodh Sindhu from INFLIBNET
- Inter Library Loan from British Council Library
- VCDs, multimedia CDs, presentations.
- NDL Support
- Training material (CD, Hard copy)

- E-learning repository of 1900 GB
- 4,09,594 videos of 12482 subjects
- NPTEL Videos & Lecture Notes
- Self-learning material (CD, Hard copy)

Library Service

▪ Circulation of Library Resources

The primary service of the library begins from Circulation desk. Users are advised to bring their college ID card to access the library. The issue, return, reissue, fine for overdue are functioned from this section and the entire process is computerized and run by LIBMAN Software.

▪ Open Access

Library gives the provision of open access facility for optimum use of the library resources.

▪ E Resources

The library has a subscription of IEEE journal & Wiley E-Books. Apart from this, library is a member of N - LIST (National Library and Information Services infrastructure for Scholarly Content) consortium of INFLIBNET through which the members of the library can access 6000+ e-journals and 1,99,500+ e books.

▪ Digital Zone

There are separate segment consisting of ten dedicated PCs for student & staffs with internet connectivity for browsing & accessing e-resources of the library. Beside this, the entire library has a provision to access Wi Fi facility.

▪ Remote Access of E-resources

Library E-resources are accessible remotely through FTP with login id credentials.

▪ Repository

There is a large collection of Syllabus, conference proceedings, previous year question papers, CD ROMs.

▪ Reading Room facility

Library has separate reading room facility for both students & staffs with 150 seating occupancy.

▪ Magazines & Newspaper Desk

Library subscribes 10 magazines & 7 leading newspapers for advancement of knowledge.

▪ Career Corner

Library provides relevant books & magazines to nurture the career up gradation as well as personality development of students.

▪ Others

Students & staffs are entitled to get facilities of Email Service, Display Service, Content service, Reprographic service, & others ad hoc services from library.

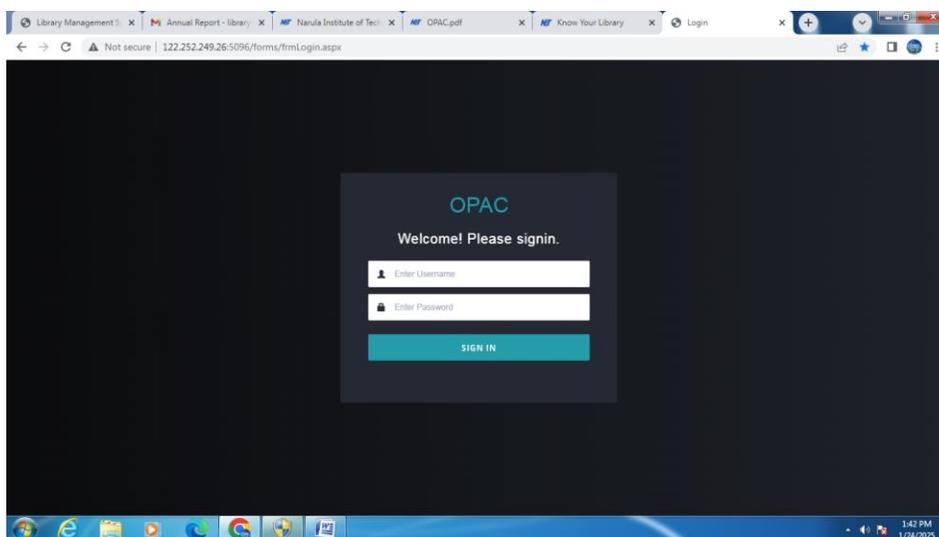
▪ **WEB OPAC**

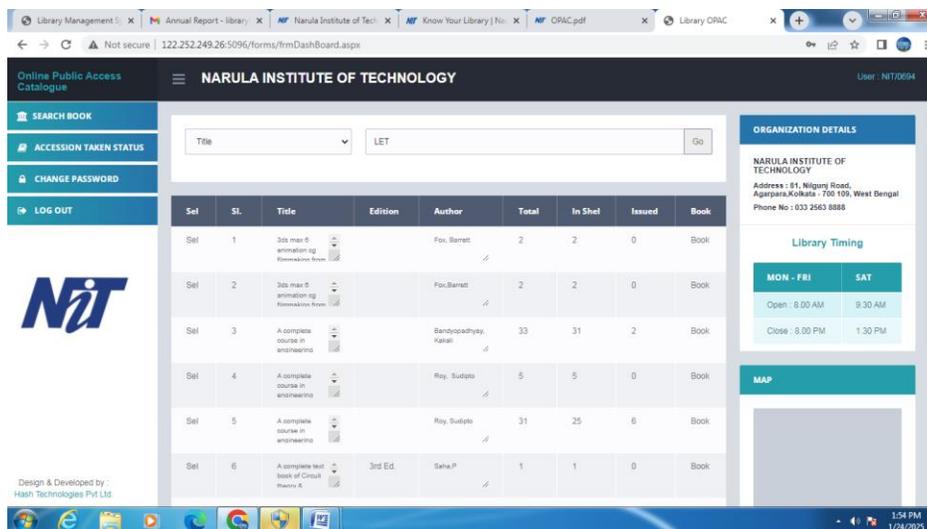
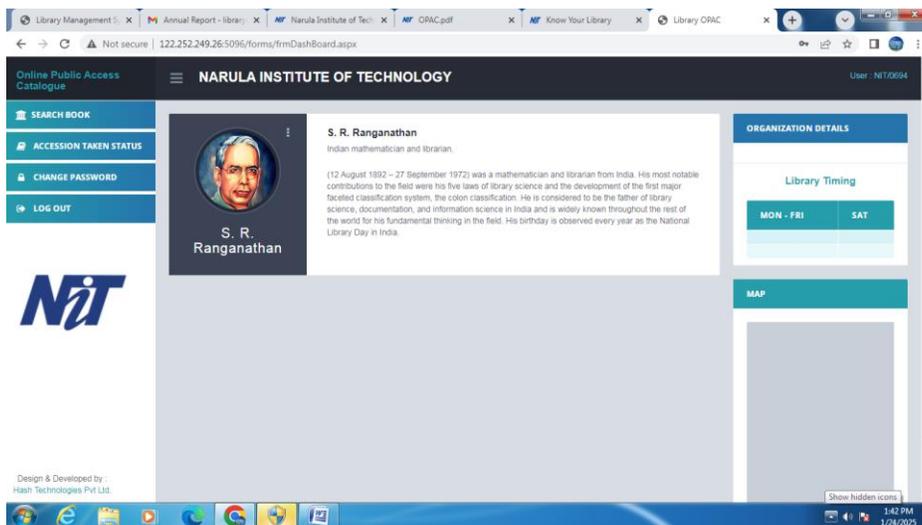
URL: <http://122.252.249.26:5096/forms/frmLogin.aspx>

Username: Employee ID No. (For Faculty and Staff)

Student Code / College ID Card No. (For students)

Password: opac1234





- Library is automated using Integrated Library Management System (ILMS)

The Library Management System, # LIBMAN Version 5.3, which was implemented in 2017, partially automates the NIT Library. It is an LMS that handles all of the major library services. These are mentioned as follows:

1. MASTER (Import Student, Version Master, Material Type Master, Publisher Master, Reader Data Update, Serial Control Master, Publishing Place, Vendor Master)

2. CATALOGUING (Accession Generation, Accession Cancellation, Accession Sub Allotment, Accession Wise Department)
3. CIRCULATION (Accession Issue, Return of Accession, Late Fine Recovery, Accession Re-Issue)
4. SERIAL CONTROL
5. UTILITY (Change Password)
6. QUERY (Queries on Accession, OPAC Login Details)
7. REPORTS (Accession Register, Accession Outstanding Register, Accession Issue Register, Accession Return Register, Fine Recovered Register, Accession Transaction Register)

With their login credentials, users can remotely access the Library's Web OPAC 24*7, including the status of their books. Each person can search their own list of returned and pending books.

Library Web OPAC URL: <http://122.252.249.26:5096/forms/frmLogin.aspx>

Digital Learning Platform (Recommended by AICTE)

Sl. No.	Name	Website URL
1	National Digital Library	https://ndl.iitkgp.ac.in/
2	SWAYAM Online Courses	https://storage.googleapis.com/uniquecourses/online.
3	National Knowledge Network	http://nkn.gov.in/en
4	NPTEL [National Programme on Technology Enhanced Learning]	https://nptel.ac.in/
5	AICTE: NEAT	https://neat.aicte-india.org/

6	AICTE: Enhancement in Learning with Improvement in Skills (ELIS) portal	http://free.aicte-india.org/
7	InfoPort	https://infoport.inflibnet.ac.in
8	Talks to Teacher	https://www.ted.com/playlists/182/talks_from_inspir
9	A-VIEW	http://aview.in
10	Virtual Labs	http://www.vlab.co.in/
11	FOSSEE	https://fossee.in
12	Spoken Tutorial	https://spoken-tutorial.org/
13	e-Yantra	https://www.e-yantra.org/
14	Oscar++	https://www.it.iitb.ac.in/
15	E-Kalpa	https://icar.org.in/content/e-kalpa
16	NCERT Text Books [class I to XII]	http://ncert.nic.in/textbook/textbook.htm
17	UG/PG MOOCs	http://ugcmoocs.inflibnet.ac.in/ugcmoocs/
18	e-PG Pathshala	https://epgp.inflibnet.ac.in
19	e-Content courseware in UG subjects	http://cec.nic.in/cec/
20	SWAYAMPRAKHA	https://www.swayamprabha.gov.in
21	e-Shodh Sindhu	https://ess.inflibnet.ac.in/
22	Vidwan	https://sakshat.ac.in/?project=vidwan
23	SNLTR	https://nltr.org/
24	National Educational Alliance for Technology	https://neat.aicte-india.org/

25	Coursera for Campus, institutions or faculty members	https://www.coursera.org/coronavirus
26	TCS iON Digital Glass Room	https://learning.tcsionhub.in/hub/glass-room/
27	Enhancement in Learning with Improvement in Skills (ELIS) portal	http://free.aicte-india.org/
28	MTUTOR Digital eLearning	https://www.m-tutor.com/
29	SOS	http://sos-tools.org/
30	National Mission on Education	https://www.it.iitb.ac.in/nmeict/home.html
31	QUANTUM & NANO COMPUTING	https://www.dei.ac.in/dei/quantumNano/
32	DIGITAL LIBRARY INFLIBNET	https://ess.inflibnet.ac.in/
33	Smart India Hackathon	https://www.sih.gov.in/
34	YOUTH4WORK	https://www.youth4work.com/onlinetalenttest
35	IEEE RESOURCES - DIGITAL LIBRARY	https://ieeexplore.ieee.org/courses/details/EDP333
36	National Apprenticeship Training Scheme	http://mhrdnats.gov.in/
37	AAKASH EDUCATIONAL PORTAL	https://www.it.iitb.ac.in/nmeict/home.html
38	SAKSHAT	https://sakshat.ac.in/
39	AICTE Training And Learning (ATAL) Academy	https://www.aicte-india.org/atal
40	AICTE Collaborations (MoU) with other Organizations	https://www.aicte-india.org/atal

HOSTELS

NIT Hostels is A Home Away from Home is a hub of academic, sports, cultural and social activities. It is said that home is sweet. But even then life at home cannot be compared to the life in a hostel.

NIT provides separate hostel for boys and girls.

Each hostel has spacious and semi furnished rooms offering a pleasant environment. The hostels are well- equipped with spacious rooms along with other facilities like: **Wi-Fi, water purifier, water cooler and provision for indoor as well as outdoor games.** These hostels also have home like dining facilities that offer fresh & nutritious food to the students. Hostels give an environment to create most effective conditions for student development. **The hostels are located both within the campus and off the campus thus offering secured abode. Hostel also provides transportation at fixed timings to maintain security.** The hostel is designed in such a way as to provide optimum utilization of student's time for their overall personality development.





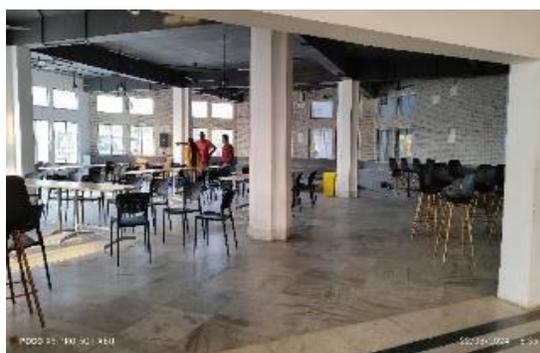
ADMISSION in Hostels

- Seats available for first year students are 250-300 including all hostels.
- Allotment of seats as per the norms laid down by the college.
- Only those students whose parents do not reside in or around the Capital Region OF KOLKATA are eligible for admission to hostel.
- Resident students are re-admitted to the hostel based on the following criteria:
 - CGPA of 6
 - 67% minimum college attendance in the previous academic session

MESS AND CANTEEN FACILITIES

Mess facility is an integral part of the campus which provides nutritious homely food to all hostellers, day scholars, faculty & staff members and visitors. It provides 4 meals a day. Quality food is prepared under strict hygienic conditions. The food is served in the dining area keeping all the sensitivities in consideration.

- All the hostel mess serves Vegetarian/Non- Vegetarian Food only and operates in selfservice mode.
- The menu of the items is designed considering the requirements of the students and nutrition is added to make it healthy and complete.
- We offer morning tea with regular breakfast, lunch, evening snacks and tea, dinner and milk to all hostellers.
- The Canteen facility is available in all the campuses of Hostels which comprises of healthy & delicious variety of VEG/NON-VEG snacks & food.



MEDICAL FACILITIES

- Whenever needed, HOSTELLER may utilize medical services provided at the SAGAR DUTTA MEDICAL COLLEGE AND HOSPITAL.
- The college doctor is available from 11:00 a.m. - 2:00 p.m. on the weekdays.
- The medical counselor is available twice a week (on Tuesdays & Thursdays) from 1:30 p.m.- 3:30 p.m

MEDICAL CENTRE

- The institute has an exclusive medical center equipped with all facilities for providing first-aid and first hand medical treatment. The room has medical beds for emergency cases. A professional doctor is available during college hours for taking care of any emergency.
- Free medical check-up drives are arranged from time to time, which includes eye testing and a thorough check up of salient features like Blood pressure, ECG and diabetes.
- The centre plays a pivotal role in extending nursing facilities.



Chapter 4

ACADEMICS

❖ Programs offered

UNDER GRADUATE (FULL TIME) : B. TECH (4-YEAR)

- 1 Mechanical Engineering (ME)- 60 Seats
- 2 Computer Science & Engineering (CSE) - 240 Seats
3. Computer Science and Technology (CST) - 60 Seats
- 4 Electronics & Communication Engineering (ECE)- 150 Seats
- 5 Information Technology (IT) - 180 Seats
- 6 Electrical Engineering (EE) - 60 Seats
- 7 Civil Engineering (Civil) - 60 Seats
- 8 Electronics & Computer Science Engineering (ECS) - 30 Seats
- 9 Computer Science (Artificial Intelligence & Machine Learning) - 180 Seats
- 10 Computer Science & Business System - 60 Seats
- 11 Computer Science (Data Science) – 60 Seats

POST GRADUATE (FULL TIME) : M.TECH / MCA (2-YEAR)

- 1 Computer Science & Engineering (CSE) - 18 Seats
- 2 Electronics & Communication Engineering - 12 Seats
- 3 Electrical Engineering -Power Systems - 12 Seats
- 4 Civil Engineering - Structural Engineering - 30 Seats
- 5 Civil Engineering - Geotechnical Engineering -18 seats
- 6 Master of Computer Application (MCA) -60 seats

DIPLOMA ENGINEERING (FULL TIME / AICTE APPROVED) (3-YEAR)

- 1 Electronics & Telecommunications Engineering (ETCE) -30 seats
- 2 Civil Engineering (CE) 30 seats
- 3 Electrical Engineering (EE) 60 seats
- 4 Mechanical (ME) 60 seats

Teaching Learning Process

The following Teaching –Learning: methodologies have been adopted by our institution.

- ❖ **Classroom Teaching**
- ❖ **Problem based Learning**
- ❖ **Project based Learning**
- ❖ **Laboratory / Video based demonstration**
- ❖ **Independent & Collaborating / Cooperative Learning**
- ❖ **Beyond curriculum Learning**
- ❖ **Flipped Learning**
- ❖ **Group Discussion & Presentation**
- ❖ **Expert Lecture**
- ❖ **MOOCS**
- ❖ **Industrial Visits**
- ❖ **Internships**

Examination System & Result Publication

1. Introduction

The Department of Controller of Examination (COE) is responsible for transparent, fair and timely conduct of all examinations. The examinations conducted by the department of COE include the following.

- i. Semester Examinations (Theory, Practical, Sessional)
- ii. Slot Tests (Theory)
- iii. Continuous Assessment (Theory, Practical, Sessional)

For semester examinations, the department of COE published notifications with start and end dates for application form fill-up and start date for each of the semester examinations. All students applied for the examinations using the following processes.

- Examination Notice and Examination schedule put up by the department of COE on NIT website.
- Online Form Fill-up by students
- Attendance approval by HOD
- Application Form printout by student
- Online payment of examination fees through Examination portal
- Approval of students for examination by department of COE
- Admit Card download from examination portal by students
- Master Sheet for each day of Examination put up on website with separate link for each subject of examination.
- Maintain day-wise attendance sheet for all examination based on answer script submission in PDF format in subject-wise online drive links of central server.
- All evaluation of PDF answer scripts were carried out by the examiners in online mode with marks tabulation in separate protected excel sheet for each Examiner and each subject.
- Scrutiny was completely done online.
- Re-evaluation was carried out by the Head Examiners in online mode with marks tabulation in separate protected excel sheet for each Head Examiner.

Department of COE has carried out the following activities.

- Notification for Slot Tests
- Requisition for procurement of general stationary
- Submission of Budget for approval
- Request for Nomination of Paper-setters & Moderators
- Issue of Appointment letters to Paper-setters
- Issue of Appointment letters to Moderators
- Notification for Form fill-up for semester examination
- Publish detailed examination schedule in notice boards and website
- Notice for Submission of Internal Marks in online Examination portal
- Request for Nomination of Examiner and Head Examiner from Departments
- Distribution of Appointment Letter, Answer scripts and online Tabulation Sheets to Examiners
- Collection of Answer scripts and Tabulated Sheets from Examiners
- Online scrutiny of all Answer Script folders
- Make available Answer scripts, Scrutiny Reports and Tabulated Sheets to Head Examiners
- Coordinate completion of 10% Answer scripts checking by Head Examiners
- Coordination and final approval of Internal Marks from Departments
- Compile day-wise attendance sheet for all examination scheduled from the online system
- Coordination of Result Processing
- Publication of Results
- Notice for Review applications
- Collection of approved Review applications from students in prescribed format
- Allocation of Answer scripts for Re-evaluation
- Publication of Review Results
-

2. Examination Calendar for Session 2024-25

“Academic Calendar” contains key dates important to all student and faculty of the Institution including the start and end dates of classes, holidays, exam dates, Registration dates (for regular and repeater courses) etc. Academic Calendar for all programs was released by the office of the Principal. An academic year in the Institute comprises of two semesters, i.e. ODD and EVEN semesters.

UG Examination and Result Publication Schedule:

Semester	Date of End of Exam	Date of Declaration of Result
ODD (3RD, 5TH, 7TH SEM)	23/12/2024	12/02/2025
ODD (1ST SEM)	05/02/2025	01/03/2025
EVEN (8TH SEM)	10/05/2025	29/05/2025
EVEN (2ND, 4TH, 6TH SEM)	28/06/2025	19/07/2025

PG Examination and Result Publication Schedule:

Semester	Date of End of Exam	Date of Declaration of Result
ODD	23/12/2024	12/02/2025
EVEN	10/05/2025	29/05/2025

Examination Compliance Report:

Based on the Academic Calendar of the institute, the department of COE prepares the Examination Calendar. It contains the dates for all examinations and related activities such as appointment of paper-setters and moderators, question paper formatting, appointment of examiners and Head Examiners, answer script distribution and collection, Result processing & Result Publication. All examination activities complied with the schedule of examination calendar given below.

Sl. No.	Description of Activity	Odd Semester	
		Schedule	Compliance
1	Examination Committee meeting for Slot Test 1	28/09/2024	28/09/2024
2	Notification for Slot Test 1	29/09/2024	29/09/2024
3	Publication of result of Slot Test 1	10/10/2024	10/10/2024
4	Request for Nomination of Paper-setters & Moderators	17/10/2024	17/10/2024
5	Examination Committee meeting for Slot Test 2	10/11/2024	10/11/2024
6	Notification for Slot Test 2	11/11/2024	11/11/2024

7	Publication of result of Slot Test 2	29/11/2024	29/11/2024
8	Issue of Appointment letters to Paper-setters	31/10/2024	04/11/2024
9	Issue of Appointment letters to Moderators	05/11/2024	07/11/2024
10	Examination Committee meeting for Semester Examination	13/11/2024	13/11/2024
11	Notification for Form fill-up for semester examination for Regular & Backlog	16/11/2024	16/11/2024
12	Publication of Examination Schedule	22/11/2024	22/11/2024
13	Notice for Submission of Internal Marks in online portal	10/12/2024	10/12/2024
14	Request for Nomination of Examiner and Head Examiner from Departments	14/11/2024	14/11/2024
15	Examiner and Head Examiner mapping for online system	08/12/2024	08/12/2024
16	Coordinate Completion of Result Processing	08/02/2025	08/02/2025
17	Meeting of Examination Committee to discuss the results	09/02/2025	09/02/2025
18	Publication of Results	12/02/2025	12/02/2025
19	Notice for Review applications	03/03/2025	03/03/2025
20	Coordination of Re-evaluation of Answer scripts	06/03/2025	06/03/2025
21	Publication of Review Results	12/03/2025	12/02/2025

Sl. No.	Description of Activity	Even Semester	
		Schedule	Compliance
1	Examination Committee meeting for Slot Test 1	20/02/2025	20/02/2025
2	Notification for Slot Test 1	21/02/2025	21/02/2025
3	Publication of result of Slot Test 1	27/03/2025	27/03/2025
4	Examination Committee meeting for Slot Test 2	10/05/2025	10/05/2025
5	Notification for Slot Test 2	01/04/2025	01/04/2025
6	Request for Nomination of Paper-setters & Moderators	07/03/2025	07/03/2025
7	Publication of result of Slot Test 2	15/04/2025	15/04/2025

8	Examination Committee meeting for Semester Examination	09/04/2025	09/04/2025
9	Issue of Appointment letters to Paper-setters	29/03/2025	29/03/2025
10	Notification for Form fill-up for semester examination for Regular & Backlog	10/04/2025	10/04/2025
11	Publication of Examination Schedule	15/04/2025	15/04/2025
12	Issue of Appointment letters to Moderators	14/04/2025	14/04/2025
13	Notice for Submission of Internal Marks in online portal	21/04/2025	21/04/2025
14	Request for Nomination of Examiner and Head Examiner from Departments	14/04/2025	14/04/2025
15	Submission of Examiner and Head Examiner mapping for online system	22/04/2025	22/04/2025
16	Coordinate Completion of Result Processing	22/05/2025	22/05/2025
17	Meeting of Examination Committee to discuss the results	24/05/2025	24/05/2025
18	Publication of Results	29/05/2025	29/05/2025
19	Notice for Review applications	05/06/2025	05/06/2025
20	Coordination of Re-evaluation of Answer scripts	10/06/2025	10/06/2025
21	Publication of Review Results	15/06/2025	15/06/2025

3. Examination Committee

To conduct the end semester examinations, to conduct and monitor the slot tests and to monitor the evaluation of students including continuous evaluation and internal assessment, an Examination Committee has been formed consisting of HODs of all departments and Registrar before the commencement of 20201-22 Academic Session. In addition to these members the Examination Committee has the following members.

- Controller of Examination (Convener).
- Assistant Controller of Examination
- Registrar.
- HODs of all Department

4. Question Papers for Semester Examinations

All paper-setting was made in three sets for each subject. One of the sets was prepared by internal faculty and other two sets were from external faculty. All moderation was done by external faculty in online mode. All paper-setting and moderation were done using dedicated computer facilities in a central control room.

A summary of the question bank preparation has been given below.

All paper-setting for slot examination was done by internal faculty members for each subject. After notification of the slot test examination, internal faculties must submit the question papers within the stipulated time in a specific format. Then all these question papers are processed and arranged day-wise and time-wise before the examination.

Summary of Question Banks / Question Papers for Session 2024-24		
Description	ODD Semester	EVEN Semester
Number of Question Banks Allocated	657	564
Number of Internal Paper-setters	219	198
Number of External Paper-setters	219	198
Number of Moderators (External)	219	198
Number of Question Papers Generated	219	198
Number of slot question paper-setters	All internal Faculty	All internal Faculty

5. Conduct of the Semester Examinations

After moderation, Question Papers were kept in secure server.

On the date of each examination, specific question paper the question papers and blank answer scripts are then distributed to invigilators of specific examination halls at the department of COE. The invigilators carried the question papers, blank answer scripts and other examination material to the examination halls. A summary of the question bank preparation has been given below.

All paper-setting for slot examination was done by internal faculty members for each subject. After notification of the slot test examination internal faculties have to submit the question papers within stipulated time in specific format. Then all these question papers are processed and arranged day wise and time wise before examination.

The following examination activities were fully automated through online Examination Portal:

- Examination Form fill up by students using integrated examination portal
- Admit Card printing by students from online portal
- Internal Marks fill up by faculty

- Semester Examination Marks fill up by faculty
- Result Processing and Publication
- Grade Card and Provisional Certificate Printing

Three-step approval process is followed for examination form fill up by students.

Step 1 – Accounts approval for Semester Fee clearance

Step 2 – Head of the Department approval for class attendance in the semester

Step 3 – Accounts approval for Examination Fee payment

6. Evaluation and assessment

The faculties were provided online answer script, question paper with section, sub-section and number break-ups. The faculties were also provided with answer key. Marks were awarded by the faculty for each question number only. The internal marks were directly entered online by respective faculty from the logins provided to respective departments. The tabulation and result processing were automated.

After result processing, TR sheets were sent by the external agency vide email to COE and after verification consent was given for online result publication. After online publication, semester grade cards of all students were printed at department of COE from the integrated examination portal for distribution to the students.

Evaluation of Theory Papers (70 marks)

All appointment for examination of answer scripts were awarded to external faculty. The external faculty checked each answer script and entered marks awarded for each question. All evaluation was carried out by the examiners in online mode with automated tabulation facility.

Scrutiny was completely automated using the Digital Valuation System (DVS).

For distribution to Head Examiners, 10% of the answer script packets were randomly selected by the DVS and mapped to Head Examiners. All such re-evaluation was carried out by the Head Examiners in online mode with automated tabulation facility.

Internal Marks for Theory Papers (30 marks)

The internal marks were awarded by the internal faculty for the respective courses conducted by them as follows:

Average of two Slot Tests: 15 marks
 Assignment & Quiz: 10 marks
 Attendance: 5 marks

All marks were entered in the Examination Portal from the department using login IDs of faculty. A printout of all marks entered was taken out from the faculty login and submitted to the department of COE.

Evaluation of Practicals / Sessionals (100 marks)

For the Semester Examination of Practicals / Sessionals, external examiners were appointed.

In the semester examination of each laboratory practical course, the course teacher had assigned experiments to be conducted by groups of 4 or less number of students after holding a lottery. The assessment of the student performance for experiment was done in consultation with the external examiner (40 Marks). Viva-voce was conducted in presence of the external faculty and the course teacher. The assessment of student performance in viva-voce was done by each internal faculty in consultation with the external faculty (20 marks).

The course teacher had awarded the marks for student performance in laboratory classes based on the Continuous Evaluation sheets for each student (40 Marks).

For Sessional items where the formal Institutional contact hours are not specified, (viz. Online courses, Internships, Co-curricular/Extra-curricular activities etc.), or there is no formal End-semester examination of the written kind, (viz. Comprehensive Viva-voce, Seminar, Industrial Visits, etc.), an External Expert of the relevant field was appointed. For all items under these categories, assessment of student performance in viva-voce was done by the internal faculty in consultation with the external expert (100 marks).

All marks were entered in the Examination Portal from the department using login IDs of faculty. A printout of all marks entered was taken out from the faculty login and submitted to the department of COE. A summary of evaluation for theory papers has been given below.

Summary of Evaluation of Theory Papers for Session 2024-24		
Description	ODD Semester	EVEN Semester
Number of Answer scripts	20597	20218
Number of Evaluators	296	269
Number of Head Examiners	219	198

7. Result Publication

Result Processing was automated through an internet enabled server using a software supported by an external agency. After result processing, TR sheets were sent by the external agency vide email to COE. The result from the TR sheets were verified and summarized at department of COE. Before publication of results of each semester, a meeting of the Board of Examination was conducted and the summary of the results were discussed. After verification consent was given to the external agency for online result publication. After online publication, semester grade cards of all students were printed at the department of COE and distributed to the students.

8. Result Analysis

Department wise SGPA analysis of ODD and EVEN semester is presented here.

The average SGPA of the college for the odd semester of 2024 is 7.95.

The average SGPA of the college for the even semester of 2025 is 8.09.

8.1 Average Pass percentage of final year students:

Student Appeared	Student Passed	Pass Percentage
720	717	99.58%

9. Grievances Reported by Students

9.1 Answer Script Scrutiny by Students

Notices inviting applications for post-publication scrutiny (PPS) from students were issued within 7 days of publication of the result. Students not satisfied with the grades could apply for scrutiny of answer scripts of specific subjects by filling up a prescribed format and submitting the same within a time window specified in the notice. In the presence of the faculty who scrutinized the answer scripts after evaluation, students were permitted to scrutinize an answer script. The details regarding students who submitted PPS applications in the academic year 2022-23 are given below.

Description of Parameter	ODD Semester	EVEN Semester
Number of Answer Scripts involved in PPS Applications submitted by students	nil	nil
Number of Answer Scripts where awarded marks changed after scrutiny	nil	nil

9.2. Review Application and Re-evaluation

Notices inviting application for post-publication review (PPR) from students were issued within 7 days of publication of result. Students not satisfied with the evaluation, could apply for re-evaluation by filling up a prescribed format and submitting the same within a time window specified in the notice. Since all main evaluation was done by an external faculty, the re-evaluation was assigned to an internal faculty. The details regarding students who submitted PPR applications in the academic year 2020-21 are given below.

Description of Parameter	ODD Semester	EVEN Semester
Number of Answer Scripts involved in Review Applications submitted by students	61	97
Number of Answer Scripts where awarded marks changed after Re-evaluation	28	36

10. Automation of Examination System

The following examination activities were fully automated.

1. Examination Form fill up by students using online portal
2. Attendance approval from HOD was introduced which is automatically approved based on their class attendance.
3. Students can submit examination fees and form online
4. Students can download the admit card from the examination portal
5. List of students appearing in examination is prepared automatically
6. Examination schedule was entered into the online system so that questions can be printed only on that day and at specified time for the transparency of examination.
7. Print day-wise attendance sheet for all examination schedule from the online system.
8. All evaluation was carried out by the examiners in online mode with automated tabulation facility.

9. Scrutiny was completely automated using the Digital Valuation System (DVS).
10. Re-evaluation was carried out by the Head Examiners in online mode with automated tabulation facility.
11. Internal marks were entered in the examination portal from the department using login IDs
12. Result Publication
13. Grade Card and Provisional Certificate Printing.

Chapter 5

Faculty Centric Activities

Journal Publication in 2024-25

Sl No	Name of the Author(s)	Dept. of the Author(s)	Title of the Paper	Name of the Journal	Month and Year of publication	ISSN
1	Ambar Nath Banerji	EE	Adaptive Droop Control for Voltage and Frequency Regulation in Virtual Power Plant under Power System Contingencies	Jordan Journal of Electrical Engineering	Dec-24	ISSN (print): 2409-9600, ISSN (online): 2409-9619
2	Ambar Nath Banerji	EE	A robust microgrid using an inverter with CCS-MPC control and resilient operation	International Journal of Power Electronics and Drive Systems	Dec-24	ISSN:2088-8694
3	Ambar Nath Banerji	EE	Student psychology-based optimization-tuned cascaded controller for frequency regulation of a microgrid	Frontiers in Energy Research	May-25	ISSN 2296-598X

4	Ambarnath Banerji	EE	PLACEMENT AND SIZE OF DGS OPTIMALLY TO MINIMISE POWER LOSS AND EXPENSES OF MICROGRID IN DISTRIBUTION SUBSTATION	International Journal of Research and Analytical Reviews (IJRAR)	Jan-25	E-ISSN 2348-1269, P-ISSN 2349-5138
5	Arkendu Mitra	EE	Performance improvement of three-phase AFE rectifier during switching of loads with fractional feedback current control	Sādhanā (Indian Academy of Science), Springer	Jun-25	0973-7677
6	Arpita Barman Santra	ECE	A Comprehensive Study of Spectrum Sensing Techniques for Wireless Communication systems	Journal of Systems Engineering and Electronics	Jun-25	1671-1793
6	Bikas Mondal	ECS/IE	Quantum-Enhanced Solar Site Selection: A Novel MCDM Approach	J. Electrical Systems	May-25	1112-5209
7	Biswadeep Gupta Bakshi	EE	Design and development of an efficient, high-power factor, low-cost, RGB LED system for tuneable lighting application	Light and Engineering	Oct-24	0236-2945

8	Debopriya Dey	BSHU	Analytical solution of a modified single item continuous production inventory model under constant deterioration, goal levels and penalties	OPSEARCH	Sep-24	Print ISSN: 0030-3887, Electronic ISSN: 0975-0320
9	Debopriya Dey	BSHU	Periodic review policy in the production management of a single-item inventory with deterioration	Operational Research	Jun-25	Electronic ISSN 1866-1505 , Print ISSN 1109-2858
10	Debrupa Pal	CA	Crowd Funding using Blockchain Technology	INTERNATIONAL JOURNAL OF DARSHAN INSTITUTE ON ENGINEERING RESEARCH AND EMERGING TECHNOLOGIES	Jun-25	2320-7590
11	Debrupa Pal	CA	A unique approach for protein secondary structure comparison under TOPS representation	Journal of Biomolecular Structure and Dynamics	May-25	0739-1102

12	Dr Indrani Sarkar	BSHU	22. Design of Potential Drugs and Vaccines for COVID 19 by the Application of Machine Learning and Artificial Intelligence	World scientific News	Jan-25	EISSN 2392-2192
13	Dr Indrani Sarkar	BSHU	Quantitative Structure-activity relationships (qsar) and molecular modelling studies of a series of inhibitors for bone morphogenetic protein 1 (BMP1),	Research Journal of Life Sciences, Bioinformatics, Pharmaceutical, and Chemical Sciences	Jun-25	ISSN 2454 6348
14	Dr Indrani Sarkar	BSHU	Quantitative Structure - Activity Relationships (QSAR) and Molecular Modelling Studies of a Number of Non-Nucleoside Reverse Transcriptase Inhibitors (NNRTIs) of HIV-1 Reverse Transcriptase	Indian Journal of Natural Sciences, Vol.14 / Issue 81 / Dec / 2024 pp 64611-64626	Dec-24	ISSN: 0976 – 0997

15	Dr Indrani Sarkar	BSHU	Design of Potential Drugs And Vaccines For Covid- 19 By The Application Of Machine Learning And Artificial Intelligence	Research Journal of Life Sciences, Bioinformatics, Pharmaceutical, and Chemical Sciences (RJLBPCS)	Aug-24	ISSN 2454 6348
16	Dr Md Ashifuddin Mondal	CSE	Tweaked optimization based quality aware VM selection method for effectual placement strategy	Sustainable Computing: Informatics and Systems	Nov-24	Print ISSN: 2210-5379 Online ISSN: 2210-5387
17	Dr Md Ashifuddin Mondal	CSE	Deep Learning based Congestion - Aware Traffic Routing Management System in a Road Network	Indian Journal of Natural Sciences	May-25	ISSN: 0976-0997
18	Dr. Dhananjay Kumar Tripathi	BSHU	Kusum (Schleichera oleosa) oil: A Potential Source of Biofuel using Candida antarctica	High Technology Letters	Sep-24	1006-6748
19	Dr. Jayanta Pal	CSBS	MMV method: a new approach to compare protein sequences under binary representation.	Journal of Biomolecular Structure and Dynamics	Feb-25	0739-1102
20	Dr. Jayanta Pal	CSBS	Choice of Metric Divergence in Genome Sequence Comparison	The Protein Journal	Mar-25	1572-3887

21	Dr. Jayanta Pal	CSBS	Use of 2D FFT and DTW in Protein Sequence Comparison	The Protein Journal	Oct-24	1572-3887
22	Dr. Jayanta Pal	CSBS	Protein sequence comparison based on representation on a finite dimensional unit hypercube.	Journal of Biomolecular Structure and Dynamics	Oct-24	0739-1102
23	Dr. Papri Ghosh	CSE	A unique approach for protein secondary structure comparison under TOPS representation	Journal of Biomolecular Structure and Dynamics	Dec-24	0739-1102
24	Dr. Papri Ghosh	CSE	Positional difference and Frequency (PdF) based alignment-free technique for genome sequence comparison	Journal of Biomolecular Structure and Dynamics	Oct-24	0739-1102
25	Dr. Puja Supakar	BSHU	Neutrosophic trade-credit EOQ model for deteriorating items considering expiration date of the items using different variants of particle swarm optimizations	International Journal of System Assurance Engineering and Management	Dec-24	0975-6809
26	Dr. Rupa Bhattacharyya	BSHU	Kusum (Schleichera oleosa) oil: A Potential Source of Biofuel using Candida antarctica	High Technology Letters	Sep-24	ISSN NO : 1006-6748

27	Dr. Rupa Bhattachar yya	BSHU	Nano CaCO ₃ Incorporated PVC-PMMA Blends for Mechanical Property Modification	International Journal for Modern Trends in Science and Technology	Sep-24	ISSN: 2455-3778
28	Dr. Sourav Saha	IT	A Novel Lightweight Language Model Architecture with Flexible Parameters	Communicati ons on Applied Nonlinear Analysis	Jun-25	1074-133X
29	Dr. Sourav Saha	CSE	Detection of Dense Built-Up Area in Low-Resolution Satellite Images Using Deep Learning and DBSCAN Approaches	International Journal of Pattern Recognition and Artificial Intelligence	Apr-25	1793-638
30	Dr. Subhram Das	CSE	Positional difference and Frequency (PdF) based alignment-free technique for genome sequence comparison	Journal of Biomolecular Structure and Dynamics	Oct-24	0739-1102
31	Dr. Subhram Das	CSE	A unique approach for protein secondary structure comparison under TOPS representation	Journal of Biomolecular Structure and Dynamics	May-25	0739-1102
32	Dr. Bishaljit Paul	EE	Managing Flexibility with Uncertainty in Integrating Renewable Energy Sources into Classical Grid	Journal of Institute of Engineers Series B	Apr-25	NA

33	Kaushik Sarkar	ECE	A Comprehensive Study of Spectrum Sensing Techniques for Wireless Communication systems	Journal of Systems Engineering and Electronics	Jun-25	1671-1793
33	Neepa Biswas	IT	Advancement of Machine Learning and its Applications	International Journal for Research Trends and Innovation	Oct-24	2456-3315
34	Neepa Biswas	IT	Analysis and Review on Advancement in Steganography Techniques	International Journal of Computer Techniques	Oct-24	2455-135X
35	Pranab Hazra	ECE	Power of Words: A Review of Approaches Utilizing Speech and Text for Alzheimer's Disease Detection	Journal of Systems Engineering and Electronics	May-25	ISSN NO: 1671-1793
36	Pranab Hazra	ECE	Integrative Analysis of Brain MRI, Speech, Text, Choroidal neovascularization (CNV) and Biomarkers for Alzheimer's Diagnosis	Journal of Systems Engineering and Electronics	May-25	ISSN NO: 1671-1793
37	Pranab Hazra	ECE	A Comprehensive Study of Spectrum Sensing Techniques for Wireless Communication systems	Journal of Systems Engineering and Electronics	Jun-25	ISSN NO: 1671-1793

38	Pranab Hazra	ECE	A Comprehensive Study of Machine Learning, Deep Learning and Attention-Based Models for Alzheimer's Disease Detection	Journal of Systems Engineering and Electronics	Jun-25	ISSN NO: 1671-1793
39	Dr. Sandhya Pattanayak	ECE	A comprehensive study of machine learning, deep learning and Attention based models for Alzheimer's Disease detection	Journal of Systems Engineering and Electronics	Jun-25	1671-1793
40	Dr. Sandhya Pattanayak	ECE	A Comprehensive Study of Spectrum Sensing Techniques for Wireless Communication systems	Journal of Systems Engineering and Electronics	Jun-25	1671-1793
41	Dr. Sandhya Pattanayak	ECE	Study of Micro Strip Patch Antenna for Long Range Detection	Study of Micro Strip Patch Antenna for Long Range Detection	Jun-25	1671-1793
42	Dr. Sandhya Pattanayak	ECE	Sound Energy to Electrical Energy Conversion: An Experimental Study	Journal of Emerging Technologies and Innovative Research	Jun-25	2349-5162
43	Shambhu Nath Saha	IT	Comparative Study on Learning Based Oversampling Model for Prediction of PCOS	European Chemical Bulletin	Jul-24	2063-5346

44	Shambhu Nath Saha	IT	A Novel Lightweight Language Model Architecture with Flexible Parameters	Communications on Applied Nonlinear Analysis	Jun-25	1074-133X
45	Shambhu Nath Saha	IT	An Approach to Develop Cerebra-Vascular-Haemato-Cardiac Detector using Machine Learning Techniques	Communications on Applied Nonlinear Analysis	Jun-25	1074-133X
46	Shambhu Nath Saha	IT	Blockchain Technology and it's Transformative Potential: A Comprehensive Analysis and Future Implications	International Journal of Computer Techniques	Oct-24	2455-135X
47	Shambhu Nath Saha	IT	Interpretable Machine Learning Models: Bridging the Gap between Accuracy and Transparency	International Journal of Engineering and Computer Science	Nov-24	2319-7242
48	Shambhu Nath Saha	IT	Data Analytics: A Catalyst for Innovation and Decision-Making across Industries	International Journal for Research in Applied Science & Engineering Technology	Nov-24	2321-9653
49	Shambhu Nath Saha	IT	A Novel Lightweight Language Model Architecture with Flexible Parameters	Communications on Applied Nonlinear Analysis	Jun-25	1074-133X

50	Shambhu Nath Saha	IT	A Novel Lightweight Language Model Architecture with Flexible Parameters	Communications on Applied Nonlinear Analysis	Jun-25	1074-133X
51	Shubendu Banerjee	CSE	Deep Learning based Congestion - Aware Traffic Routing Management System in a Road Network	Indian Journal of Natural Sciences	May-25	ISSN: 0976-0997
52	Somnath Chakraborty	BA	Role of IoT based Technologies in ensuring sustainable development	International Advanced Research Journal in Science, Engineering & Technology	Sep-24	ISSN(online), 2393 8021, 2394 1588
53	Somnath Chakraborty	BA	Financial Literacy in MSME: Challenges & Growth	Library Progress international	Jun-25	Print: 0970 1052, online:232 0 317x
54	SOUMEN GHOSH	IT	Protein Sequence Comparison Based on Representation on A Finite Dimensional Unit Hypercube	Journal of Biomolecular Structure & Dynamics	Oct-24	0739-1102
55	SOUMEN GHOSH	IT	Use of 2D FFT and DTW in Protein Sequence Comparison	The Protein Journal	Oct-24	1572-3887
56	SOUMEN GHOSH	IT	MMV method: a new approach to compare protein sequences under binary representation	Journal of Biomolecular Structure & Dynamics	Feb-25	0739-1102

57	SOUMEN GHOSH	IT	Choice of Metric Divergence in Genome Sequence Comparison	The Protein Journal	Mar-25	1572-3887
58	Soumya Bhattacharya	IT	Detection of Dense Built-up Area in Low-resolution Satellite Images using Deep Learning and DBSCAN Approaches	International Journal of Pattern Recognition and Artificial Intelligence	Apr-25	10.1142/S0218001424510042
59	Soumya Bhattacharya	IT	An Approach to Develop Cerebra-Vascular-Haemato-Cardiac Detector using Machine Learning Techniques	Communications on Applied Nonlinear Analysis	May-25	1074133X
60	Soumya Bhattacharya	IT	A Novel Lightweight Language Model Architecture with Flexible Parameters	Communications on Applied Nonlinear Analysis	Jun-25	1074133X
61	Subhasree Bhattacharjee	CA	Hybrid-quantum approach for the optimal lockdown to stop the SARS-CoV-2 community spread subject to maximising nation economy globally	IET Quantum communication	Aug-24	2632-8925
62	Subhasree Bhattacharjee	CA	Statistical Analysis on Optimal Lockdown Schedule by Developing a	Statistics and Applications	Oct-24	2454-7395

			Multivariate Prediction model SEIRDVIm			
63	SUDIP DAS	CA	Load balancing in Cloud Computing	International Journal of Engineering and Technology	Jul-24	2395-1303
64	SUDIP DAS	CA	The Future of Cloud Computing: Trends, Challenges, and Opportunities	International Research Journal Of Innovations In Engineering And Technology	Sep-24	2581-3048
65	SUDIP DAS	CA	Predicting Traffic Flow with Neural Networks	INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN SCIENCE, COMMUNICATION AND TECHNOLOGY	May-25	2581-9429
66	Sudip Das	CA	Cybersecurity in the Quantum Age: Threats, Challenges, and Solutions	International Journal of Advanced Research in Science, Communication and Technology	Nov-24	2581-9429
67	Sudip Das	CA	Revolutionizing Traffic Management: Advanced Machine Learning Techniques for	International Journal of Advanced Research in Science, Communicati	Apr-25	2581-9429

			Accurate Traffic Flow Prediction	on and Technology		
68	Suman Kumar Bhattacharyya	IT	Design and performance analysis of decision tree learning model for classification of dry and cooked rice samples	European Food Research and Technology	May-25	1438-2377
69	Sumanta Kundu	EE	Numerical analysis of all-optical universal and fundamental logic gates using silicon microring resonator in Z-domain	Springer Journal Of Optics	Nov-24	0972-8821
70	Sumanta Kundu	EE	Design and analysis of all-optical carry lookahead adder using microring resonator in Z-domain	SPIE OPTICAL ENGINEERING	Jan-25	0277-786X
71	SWARNALI DAW	CSE	Artificial Bee Colony-based Nonrigid Demons Registration	International Journal of Electrical and Computer Engineering (IJECE), 2025.	Jun-25	2088-8708
72	Nikhilesh Sil	BSHU	A two-compartment drug concentration model using intuitionistic fuzzy sets	Decision Analytics Journal	Mar-25	2772-6622

73	Nikhilesh Sil	BSHU	A prey-refuge harvesting model using intuitionistic fuzzy sets	Decision Analytics Journal	Sep-24	2772-6622
74	Nikhilesh Sil	BSHU	An intuitionistic fuzzy differential equation approach for the lake water and sediment phosphorus model	Healthcare Analytics	Dec-24	2772-4425
75	Dr. Sumit Chabri	ME	Magnetic Properties and Microstructure of an Isothermal Annealed and Mechanically Milled Nanocrystalline Ag-Mn Alloy	International Journal of Nanoscience	Dec-24	ISSN (print): 0219-581X ISSN (online): 1793-5350
76	Dr. Sumit Chabri	ME	Enhanced Metastable Solubility by Ball Milling of Rapidly Solidified Cu-Co-Mn Ribbon	Journal of Materials Engineering and Performance	Mar-25	1059-9495
77	Dr. Sumit Chabri	ME	Morphology and Magnetic Characteristics of Cu-Co/CNT Nano-composite Synthesized by Mechanical Alloying	Journal of Materials Engineering and Performance	Jul-24	1059-9495

78	Avishek Chakraborty	BSHU	A study of an EOQ model of green items with the effect of carbon emission under pentagon intuitionistic dense fuzzy environment	Soft Computing - Section Foundation, Algebraic and Analytical Methods in Soft Computing	Jul-24	15033–15055
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Conference Publication in 2024-25

Sl. No.	Name of the Teacher	Title of the proceedings of the conference	Name of the conference	National / International	ISBN of the Book/Conference Proceeding	Affiliating Institute of the teacher at the time of publication	Name of the Publisher
1	Chandrima Chakraborty	A Novel Approach for Detection of Malicious Attack during Post Disaster Using UAV Assisted Delay Tolerant Network	2nd IEEE International Conference on Data Science and Information System, ICDSIS 2025	International	979-835038166-5	Narula Institute of Technology	Institute of Electrical and Electronics Engineers Inc. (Scopus)

2	Mainak Chatterjee	Depression Prediction using Machine Learning	15th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025	International	979-833130057-9	Narula Institute of Technology	Grenze Scientific Society (Scopus)
3	Biswajit Halder	Speed Estimation of DC Series Motor by Constant Gain Extended Kalman Filter	2025 IEEE 3rd International Conference on Electrical Power and Energy Systems, ICEPES 2025	International	979-835039072-8	Narula Institute of Technology	Institute of Electrical and Electronics Engineers Inc. (Scopus)
4	Arkendu Mitra	Analysis of Active Power Transfer to Grid from a Specific EV - A V2G Technology	2025 IEEE 3rd International Conference on Control, Instrumentation, Energy and Communication, CIEC 2025 - Proceedings	International	979-835031370-3	Narula Institute of Technology	Institute of Electrical and Electronics Engineers Inc. (Scopus)
5	Papri Ghosh	Machine Learning Strategies for Securing Financial Transactions against Risks	International Conference on Distributed Computing and Optimization Techniques, ICDCOT 2025	International	979-835038295-2	Narula Institute of Technology	Institute of Electrical and Electronics Engineers Inc. (Scopus)

6	Pushpita Roy	Machine Learning Strategies for Securing Financial Transactions against Risks	International Conference on Distributed Computing and Optimization Techniques, ICDCOT 2025	International	979-835038295-2	Narula Institute of Technology	Institute of Electrical and Electronics Engineers Inc. (Scopus)
7	Subhram Das	Machine Learning Strategies for Securing Financial Transactions against Risks	International Conference on Distributed Computing and Optimization Techniques, ICDCOT 2025	International	979-835038295-2	Narula Institute of Technology	Institute of Electrical and Electronics Engineers Inc. (Scopus)
8	Sourav Saha	A Two-Stage CNN Based Satellite Image Analysis Framework for Estimating Building-Count in Residential Built-Up Area	8th International Conference on Data Management, Analytics and Innovation, ICDMAI 2025	International	978-981973244-9	Narula Institute of Technology	Springer Science and Business Media Deutschl and GmbH
9	Pushpita Roy	EmoEyes: A Machine Learning Exploration of Emotional States Through Eye Movement Tracking in Visual Content	ICCECE 2025 - International Conference on Computer, Electrical and Communication Engineering	International	979-835038647-9	Narula Institute of Technology	Institute of Electrical and Electronics Engineers Inc. (Scopus)

10	Papri Ghosh	EmoEyes: A Machine Learning Exploration of Emotional States Through Eye Movement Tracking in Visual Content	ICCECE 2025 - International Conference on Computer, Electrical and Communication Engineering	International	979-835038647-9	Narula Institute of Technology	Institute of Electrical and Electronics Engineers Inc. (Scopus)
11	Subhram Das	EmoEyes: A Machine Learning Exploration of Emotional States Through Eye Movement Tracking in Visual Content	ICCECE 2025 - International Conference on Computer, Electrical and Communication Engineering	International	979-835038647-9	Narula Institute of Technology	Institute of Electrical and Electronics Engineers Inc. (Scopus)
12	Anukul Maity	Finding the Straight Skeleton for 3D Orthogonal Polyhedrons: A Combinatorial Approach	18th International Symposium on Artificial Intelligence and Mathematics, ISAIM 2025	International	978-303163734-6	Narula Institute of Technology	Springer Science and Business Media Deuschl and GmbH

13	Neepa Biswas	Unraveling the Network Landscape: A Comparative Analytical Approach to Investigate Protein-Protein Interaction Networks in Normal v/s Tumor Cells	Unraveling the Network Landscape: A Comparative Analytical Approach to Investigate Protein-Protein Interaction Networks in Normal v/s Tumor Cells	International	978-981972610-3	Narula Institute of Technology	Springer Science and Business Media Deuschl and GmbH
14	Biswadeep Gupta Bakshi	A study on fault diagnosis in solar photovoltaic array using artificial neural network	2025 IEEE 3rd International Conference on Control, Instrumentation, Energy and Communication, CIEC 2025 - Proceedings	International	979-835031370-3	Narula Institute of Technology	Institute of Electrical and Electronics Engineers Inc. (Scopus)
15	Sagarika Chowdhury	Job Candidate Eligibility Prediction using Convolutional Neural Network	2025 4th International Conference on Intelligent Technologies, CONIT 2025	International	979-835034990-0	Narula Institute of Technology	Institute of Electrical and Electronics Engineers Inc. (Scopus)

16	Tanmoy Ghosh	Job Candidate Eligibility Prediction using Convolutional Neural Network	2025 4th International Conference on Intelligent Technologies, CONIT 2025	International	979-835034990-0	Narula Institute of Technology	Institute of Electrical and Electronics Engineers Inc. (Scopus)
17	Prianka Dey	Job Candidate Eligibility Prediction using Convolutional Neural Network	2025 4th International Conference on Intelligent Technologies, CONIT 2025	International	979-835034990-0	Narula Institute of Technology	Institute of Electrical and Electronics Engineers Inc. (Scopus)
18	Debashis Das	An Approach Towards the Security Management for Sensitive Medical Data in the IoMT Ecosystem	Proceedings of the International Symposium on Mobile Ad Hoc Networking and Computing (MobiHoc)	International		Narula Institute of Technology	
19	Tanmoy Ghosh	CNN Model for Handwritten Digit Recognition with Improved Accuracy and Performance Using MNIST Dataset	2025 4th International Conference on Intelligent Technologies, CONIT 2025	International	979-835034990-0	Narula Institute of Technology	Institute of Electrical and Electronics Engineers Inc. (Scopus)

20	Pushpita Roy	CNN Model for Handwritten Digit Recognition with Improved Accuracy and Performance Using MNIST Dataset	2025 4th International Conference on Intelligent Technologies, CONIT 2025	International	979-835034990-0	Narula Institute of Technology	Institute of Electrical and Electronics Engineers Inc. (Scopus)
21	Bishaljit Paul	Co-optimization of Reserves in Energy Market to mitigate Congestion	ICEPE 2025 - 6th International Conference on Energy, Power and Environment: Towards Indigenous Energy Utilization	International	979-835037929-7	Narula Institute of Technology	Institute of Electrical and Electronics Engineers Inc. (Scopus)
22	Tanmoy Ghosh	A Machine Learning Based Video Summarization Framework for Yoga-Posture Video	5th International Conference on Computational Intelligence in Communications and Business Analytics, CICBA 2024	International	978-303148878-8	Narula Institute of Technology	Springer Science and Business Media Deuschl and GmbH

23	Soumya Bhattacharya	A Machine Learning Based Video Summarization Framework for Yoga-Posture Video	5th International Conference on Computational Intelligence in Communications and Business Analytics, CICBA 2024	International	978-303148878-8	Narula Institute of Technology	Springer Science and Business Media Deutschl and GmbH
24	Anirban Bhar	A Machine Learning Based Video Summarization Framework for Yoga-Posture Video	5th International Conference on Computational Intelligence in Communications and Business Analytics, CICBA 2024	International	978-303148878-8	Narula Institute of Technology	Springer Science and Business Media Deutschl and GmbH
25	Sourav Saha	A Machine Learning Based Video Summarization Framework for Yoga-Posture Video	5th International Conference on Computational Intelligence in Communications and Business Analytics, CICBA 2024	International	978-303148878-8	Narula Institute of Technology	Springer Science and Business Media Deutschl and GmbH

26	Papri Ghosh	A Review on Public Acceptance Towards New Education Policy in India Based on Sentiment Analysis Using Machine Learning Approaches	8th International Conference on Information and Communication Technology for Competitive Strategies, ICTCS 2024	International	978-981970743-0	Narula Institute of Technology	Springer Science and Business Media Deutschland GmbH
27	Chandrima Chakrabarti	A New Approach for Prevention of Malicious Attack in Post Disaster Using Delay Tolerant Network	2025 International Conference on Intelligent Systems for Cybersecurity, ISCS 2025	International	979-835037523-7	Narula Institute of Technology	Institute of Electrical and Electronics Engineers Inc. (Scopus)
28	Subhasree Bhattacharjee	Exploit Reversible Gates to Implement Fast Quantum Sorting Algorithm	5th International Conference on Computer and Communication Technologies, IC3T 2024	International	978-981999703-9	Narula Institute of Technology	Springer Science and Business Media Deutschland GmbH
29	Prianka Dey	MiRNN: A Mutual Information Augmented Recurrent Neural Network Framework for Reconstruction of Gene Regulatory Networks	13th IEEE Congress on Evolutionary Computation, CEC 2025	International	979-835030836-5	Narula Institute of Technology	Institute of Electrical and Electronics Engineers Inc. (Scopus)

30	Sujata Kundu	A Novel Approach to Predict Flight Fares in India Using SOM-LSSVM Model Approach	1st International Conference on Electronics, Computing, Communication and Control Technology, ICECCC 2025	International	979-835037180-2	Narula Institute of Technology	Institute of Electrical and Electronics Engineers Inc. (Scopus)
31	Debjani Chakraborty	A Layout Independent Deep Learning Framework for Recognition of Courtesy-Amount in Bank-Cheque Image	23rd International Conference on Intelligent Systems Design and Applications, ISDA 2024	International	978-303164775-8	Narula Institute of Technology	Springer Science and Business Media Deutschl and GmbH
32	Sourav Saha	A Layout Independent Deep Learning Framework for Recognition of Courtesy-Amount in Bank-Cheque Image	23rd International Conference on Intelligent Systems Design and Applications, ISDA 2024	International	978-303164775-8	Narula Institute of Technology	Springer Science and Business Media Deutschl and GmbH
33	Biswajit Halder	A Layout Independent Deep Learning Framework for Recognition of Courtesy-Amount in Bank-Cheque Image	23rd International Conference on Intelligent Systems Design and Applications, ISDA 2024	International	978-303164775-8	Narula Institute of Technology	Springer Science and Business Media Deutschl and GmbH

34	Sagarika Chowdhury	Heart Disease Prediction: Optimizing Accuracy through Hyperparameter Tuning	15th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025	International	979-833130057-9	Narula Institute of Technology	Grenze Scientific Society
35	Tanmoy Ghosh	Heart Disease Prediction: Optimizing Accuracy through Hyperparameter Tuning	15th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025	International	979-833130057-9	Narula Institute of Technology	Grenze Scientific Society
36	Koushik Karmakar	Applications of Federated Learning in Healthcare— A New Paradigm for Digital Health	2nd International Conference on Human-Centric Smart Computing, ICHCSC 2024	International	978-981997710-9	Narula Institute of Technology	Springer Science and Business Media Deuschl and GmbH
37	Md Ashifuddin Mondal	Traffic Density Prediction System using Deep Learning	2nd International Conference on Data Science and Information System, ICDSIS 2025	International	979-835038166-5	Narula Institute of Technology	Institute of Electrical and Electronics Engineers Inc. (Scopus)

38	Sagarika Chowdhury	Expanding the Knowledge on Machine Learning: Explainable Models for Smarter Decisions	15th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025	International	979-833130057-9	Narula Institute of Technology	Grenze Scientific Society
39	Arkendu Mitra	V/f Control of PMSM Drive fed from PR Current Controller Based Single-Phase AFE Rectifier	3rd IEEE International Conference on Control, Instrumentation, Energy and Communication, CIEC 2025	International	979-835031370-3	Narula Institute of Technology	Institute of Electrical and Electronics Engineers Inc. (Scopus)
40	Arpita Mandal	A Study on Transient and Modal Analysis of a GFRP Bridge Deck Under the Action of Heaviest Main Battle Tank Currently Available in India (T-90S Bhishma)	International Conference on Interdisciplinary Approaches in Civil Engineering for Sustainable Development, IACESD 2024	International	978-981999609-4	Narula Institute of Technology	Springer Science and Business Media Deutschland GmbH

41	Soumen Banerjee	Deep Ensemble Feature Extraction based Classification of Brain Tumor using MRI Images	2nd IEEE International Conference on Interdisciplinary Approaches in Technology and Management for Social Innovation, IATMSI 2025	International	979-835036052-3	Narula Institute of Technology	Institute of Electrical and Electronics Engineers Inc. (Scopus)
42	Sagarika Chowdhury	Disease Prediction using Machine Learning	2nd World Conference on Communication and Computing, WCONF 2025	International	979-835039532-7	Narula Institute of Technology	Institute of Electrical and Electronics Engineers Inc. (Scopus)
43	Prianka Dey	Disease Prediction using Machine Learning	2nd World Conference on Communication and Computing, WCONF 2025	International	979-835039532-7	Narula Institute of Technology	Institute of Electrical and Electronics Engineers Inc. (Scopus)
44	Abhishek Hazra	Active Vibration Control of Frame Structure by using Piezoelectric Actuation	1st International Conference on Creative and Innovative Solutions in Civil Engineering, CISCE 2024	International	17551307	Narula Institute of Technology	Institute of Physics

45	Goutam Roy	Active Vibration Control of Frame Structure by using Piezoelectric Actuation	1st International Conference on Creative and Innovative Solutions in Civil Engineering, CISCE 2024	International	17551307	Narula Institute of Technology	Institute of Physics
46	Md Ashifuddin Mondal	A Smart Car's Headlight Intensity Control System to Avoid Troxler's Effects at Night	2024 IEEE World Conference on Communication and Computing, WCONF 2024	International	979-835031120-4	Narula Institute of Technology	Institute of Electrical and Electronics Engineers Inc. (Scopus)
47	Moupali Roy	In Search of Lunar Water at Northern Hemisphere	8th International Conference on Computers and Devices for Communication, CODEC 2024	International	979-835031717-6	Narula Institute of Technology	Institute of Electrical and Electronics Engineers Inc. (Scopus)
48	Bansari Deb Majumder	Development of Autonomous Robot To Perform Multiple Tasks in Agricultural Fields	16th International Conference on Sensing Technology, ICST 2024	International	979-835039534-1	Narula Institute of Technology	IEEE Computer Society

49	Suvojit Acharjee	YOLOv8 based Traffic Signal Detection in Indian Road	7th International Conference on Electronics, Materials Engineering and Nano-Technology, IEMENTech 2024	International	979-835030551-7	Narula Institute of Technology	Institute of Electrical and Electronics Engineers Inc. (Scopus)
50	Soumen Banerjee	Composite Split-Ring Shaped Slotted SIW cavity-backed antenna with Multilayer FSS as Superstrate for Wireless Applications	8th International Conference on Computers and Devices for Communication, CODEC 2024	International	979-835031717-6	Narula Institute of Technology	Institute of Electrical and Electronics Engineers Inc. (Scopus)
51	Debashis Das	A Comprehensive Analysis of Trust, Privacy, and Security Measures in the Digital Age	5th IEEE International Conference on Trust, Privacy and Security in Intelligent Systems and Applications, TPS-ISA 2024	International	979-835032385-6	Narula Institute of Technology	Institute of Electrical and Electronics Engineers Inc. (Scopus)
52	Akhtarujjan Sarkar	Experimental Investigation of the Effect of Process Parameters on MRR in CNC Turning Operation	6th National Conference on Science, Technology and Communication Skills – NCSTCS 2K23	National		Narula Institute of Technology	International Advanced Research Journal in Science, Engineering and Technology

53	Arghya Gupta	Experimental Investigation of the Effect of Process Parameters on MRR in CNC Turning Operation	6th National Conference on Science, Technology and Communication Skills – NCSTCS 2K23	National	2393-8021	Narula Institute of Technology	International Advanced Research Journal in Science, Engineering and Technology
54	Ananya Banerjee	Functioning of a Computer like Human Brain Using Non-Traditional Architecture	6th National Conference on Science, Technology and Communication Skills – NCSTCS 2K23	National	2393-8021	Narula Institute of Technology	International Advanced Research Journal in Science, Engineering and Technology
55	Koushik Karmakar	Functioning of a Computer like Human Brain Using Non-Traditional Architecture	6th National Conference on Science, Technology and Communication Skills – NCSTCS 2K23	National	2393-8021	Narula Institute of Technology	International Advanced Research Journal in Science, Engineering and Technology

56	Sharmistha Basu	Application of ICT in Educational Enterprises and Assessment	6th National Conference on Science, Technology and Communication Skills – NCSTCS 2K23	National	2393-8021	Narula Institute of Technology	International Advanced Research Journal in Science, Engineering and Technology
57	Aparajita Paul	Revolutionizing Research Paper Writing: Harnessing the Power of Artificial Intelligence and Fortifying Anti Plagiarism Measures	6th National Conference on Science, Technology and Communication Skills – NCSTCS 2K23	National	2393-8021	Narula Institute of Technology	International Advanced Research Journal in Science, Engineering and Technology
58	Sharmistha Basu	Revolutionizing Research Paper Writing: Harnessing the Power of Artificial Intelligence and Fortifying Anti Plagiarism Measures	6th National Conference on Science, Technology and Communication Skills – NCSTCS 2K23	National	2393-8021	Narula Institute of Technology	International Advanced Research Journal in Science, Engineering and Technology

59	Apurba Ghosh	Blockchain Technology and Cryptocurrency: How Decentralization is Disrupting Traditional Finance	6th National Conference on Science, Technology and Communication Skills – NCSTCS 2K23	National	2393-8021	Narula Institute of Technology	International Advanced Research Journal in Science, Engineering and Technology
60	Payel Mondal	Blockchain Technology and Cryptocurrency: How Decentralization is Disrupting Traditional Finance	6th National Conference on Science, Technology and Communication Skills – NCSTCS 2K23	National	2393-8021	Narula Institute of Technology	International Advanced Research Journal in Science, Engineering and Technology
61	Apurba Ghosh	Encryption Scheme Involving Horizontal and Vertical Bit Rotation Simultaneously	6th National Conference on Science, Technology and Communication Skills – NCSTCS 2K23	National	2393-8021	Narula Institute of Technology	International Advanced Research Journal in Science, Engineering and Technology

62	Payel Mondal	Encryption Scheme Involving Horizontal and Vertical Bit Rotation Simultaneously	6th National Conference on Science, Technology and Communication Skills – NCSTCS 2K23	National	2393-8021	Narula Institute of Technology	International Advanced Research Journal in Science, Engineering and Technology
63	Akhtarujjaman Sarkar	Correlation between Surface Roughness and Input Cutting Constraints for CNC Turning of Aluminium Workpiece	6th National Conference on Science, Technology and Communication Skills – NCSTCS 2K23	National	2393-8021	Narula Institute of Technology	International Advanced Research Journal in Science, Engineering and Technology
64	Arghya Gupta	Correlation between Surface Roughness and Input Cutting Constraints for CNC Turning of Aluminium Workpiece	6th National Conference on Science, Technology and Communication Skills – NCSTCS 2K23	National	2393-8021	Narula Institute of Technology	International Advanced Research Journal in Science, Engineering and Technology

65	Akhtarujjan Sarkar	A Study to Determine the Effect of M.R.R. on Surface Roughness	6th National Conference on Science, Technology and Communication Skills – NCSTCS 2K23	National	2393-8021	Narula Institute of Technology	International Advanced Research Journal in Science, Engineering and Technology
66	Arghya Gupta	A Study to Determine the Effect of M.R.R. on Surface Roughness	6th National Conference on Science, Technology and Communication Skills – NCSTCS 2K23	National	2393-8021	Narula Institute of Technology	International Advanced Research Journal in Science, Engineering and Technology
67	Chandrima Chakrabarti	Efficient Communication in Post Disaster Environment Using Delay Tolerant Network (DTN)	6th National Conference on Science, Technology and Communication Skills – NCSTCS 2K23	National	2393-8021	Narula Institute of Technology	International Advanced Research Journal in Science, Engineering and Technology

68	Ananya Banerjee	Efficient Communication in Post Disaster Environment Using Delay Tolerant Network (DTN)	6th National Conference on Science, Technology and Communication Skills – NCSTCS 2K23	National	2393-8021	Narula Institute of Technology	International Advanced Research Journal in Science, Engineering and Technology
69	Debasmita Sen	The Classical World of Nonverbal Communication - Indian Dance forms and the Portrayal of Folklores	6th National Conference on Science, Technology and Communication Skills – NCSTCS 2K23	National	2393-8021	Narula Institute of Technology	International Advanced Research Journal in Science, Engineering and Technology
70	Debopriya Dey	Optimization Strategy to Minimize the Allocated Space for Placing Maximum Number of Products in Retail Stores	6th National Conference on Science, Technology and Communication Skills – NCSTCS 2K23	National	2393-8021	Narula Institute of Technology	International Advanced Research Journal in Science, Engineering and Technology

71	Puja Supakar	Optimization Strategy to Minimize the Allocated Space for Placing Maximum Number of Products in Retail Stores	6th National Conference on Science, Technology and Communication Skills – NCSTCS 2K23	National	2393-8021	Narula Institute of Technology	International Advanced Research Journal in Science, Engineering and Technology
72	Dhananjay Kumar Tripathi	Effect of Ionospheric Attenuation on Radio Communication: A review	6th National Conference on Science, Technology and Communication Skills – NCSTCS 2K23	National	2393-8021	Narula Institute of Technology	International Advanced Research Journal in Science, Engineering and Technology
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74	Sumit Nandi	Effect of Ionospheric Attenuation on Radio Communication: A review	6th National Conference on Science, Technology and Communication Skills – NCSTCS 2K23	National	2393-8021	Narula Institute of Technology	International Advanced Research Journal in Science, Engineering and Technology
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81	Koushik Karmakar	A Journey of Computer Processors since its inception few years ago	6th National Conference on Science, Technology and Communication Skills – NCSTCS 2K23	National	2393-8021	Narula Institute of Technology	International Advanced Research Journal in Science, Engineering and Technology
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101	Sumit Nandi	Novel Application of Polymer Blendsv	6th National Conference on Science, Technology and Communication Skills – NCSTCS 2K23	National	2393-8021	Narula Institute of Technology	International Advanced Research Journal in Science, Engineering and Technology
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103	Debasmita Sen	Influence of Modern Digital Platforms on Communications	6th National Conference on Science, Technology and Communication Skills – NCSTCS 2K23	National	2393-8021	Narula Institute of Technology	International Advanced Research Journal in Science, Engineering and Technology

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111	Debopriya Dey	Enhancement of Traffic Management System using AI	6th National Conference on Science, Technology and Communication Skills – NCSTCS 2K23	National	2393-8021	Narula Institute of Technology	International Advanced Research Journal in Science, Engineering and Technology
112	Susmita Karan	Situation of Big Bang Theory in Today's Astronomy	6th National Conference on Science, Technology and Communication Skills – NCSTCS 2K23	National	2393-8021	Narula Institute of Technology	International Advanced Research Journal in Science, Engineering and Technology

113	D. K. Tripathi	Situation of Big Bang Theory in Today's Astronomy	6th National Conference on Science, Technology and Communication Skills – NCSTCS 2K23	National	2393-8021	Narula Institute of Technology	International Advanced Research Journal in Science, Engineering and Technology
114	Susmita Karan	Big Bang Theory: Origin of Our Universe	6th National Conference on Science, Technology and Communication Skills – NCSTCS 2K23	National	2393-8021	Narula Institute of Technology	International Advanced Research Journal in Science, Engineering and Technology
115	Susmita Karan	Green Hydrogen: The Green Energy Source of Future	6th National Conference on Science, Technology and Communication Skills – NCSTCS 2K23	National	2393-8021	Narula Institute of Technology	International Advanced Research Journal in Science, Engineering and Technology

Book Chapter Publication in 2024-25

Sl. No.	Name of the Teacher	Title of the Book published	Title of the Chapter published	National / International	ISBN of the Book/Conference Proceeding	Affiliating Institute of the teacher at the time of publication	Name of the Publisher
1	Soumen Banerjee	Intelligent Data Analytics for Bioinformatics and Biomedical Systems	Deep Ensemble Feature Extraction Based Classification of Bleeding Regions Using Wireless Capsule Endoscopy Images	International	978-139427091-0;978-139427088-0	Narula Institute of Technology	wiley
2	Neepa Biswas	Big Data Analytics Techniques for Market Intelligence	Challenges and solutions of real-time data integration techniques by ETL application	International	979-836930415-0;979-836930413-6	Narula Institute of Technology	IGI Global

3	Suchismita Maiti	Big Data Analytics Techniques for Market Intelligence	Challenges and solutions of real-time data integration techniques by ETL application	International	979-836930415-0;979-836930413-6	Narula Institute of Technology	IGI Global
4	Neepa Biswas	Design and Development of Emerging Chatbot Technology	Analysis of chatbots: History, use case, and classification	International	979-836931831-7;979-836931830-0	Narula Institute of Technology	IGI Global
5	Suchismita Maiti	Design and Development of Emerging Chatbot Technology	Analysis of chatbots: History, use case, and classification	International	979-836931831-7;979-836931830-0	Narula Institute of Technology	IGI Global

6	Tathagata Chatterjee	Quantum Computing and Supply Chain Management: A New Era of Optimization	Theoretical overview of quantum machine learning applications in enhancing demand forecasting for supply chain management	International	979-836934108-7;979-836934107-0	Narula Institute of Technology	IGI Global
7	Tapan Kumar Mukhopadhyay	A Closer Look at the Hydrogen Atom	A study of hydrogenic ions moving through a plasma environment: Formulation of model potential and determination of energy levels	International	979-889530160-9	Narula Institute of Technology	Nova Science Publishers, Inc.

8	Arkendu Mitra	Power Converters, Drives and Controls for Sustainable Operations	Performance analysis of Series Load Resonant (SLR) DC-DC converter	International	978-111979291-8;978-111979191-1	Narula Institute of Technology	wiley
9	Bikash Panja	Nonconventional Machining	Parametric optimization of machining characteristics of titanium alloy in WEDM	International	978-311058447-9;978-311058410-3	Narula Institute of Technology	De Gruyter
10	Goutam Roy	Advances in Materials Science Research. Volume 60	Elementary understanding and uses of piezoelectric materials	International	979-888697631-1;979-888697543-7	Narula Institute of Technology	Nova Science Publishers, Inc.
11	Md Ashifuddin Mondal	Recommender Systems: A Multi-Disciplinary Approach	Classification of Road Segments in Intelligent Traffic Management System	International	978-100088626-9;978-103233321-2	Narula Institute of Technology	CRC Press

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1 3	Bansari Deb Majumder	Multifunction al Sensors: Design, Construction, Methodology and Uses	Multifunctio nal Sensors: Design, Construction , Methodolog y and Uses	International	978- 100092907- 2;978- 103239079-6	Narula Institute of Technol ogy	CRC Press

14	Shilpi Pal	Fuzzy Optimization, Decision-making and Operations Research: Theory and Applications	An EOQ Model with Price and Stock-Dependent Demand Including Trade Credit Using De-intuitificatio n Technique Under Triangular Intuitionistic Fuzzy Environment	International	978-303135668-1;978-303135667-4	Narula Institute of Technology	Springer International Publishing
15	Soumya Bhattacharya	Green Mobile Cloud Computing	Multi-criterial Offloading Decision Making in Green Mobile Cloud Computing	International	978-303108038-8;978-303108037-1	Narula Institute of Technology	Springer International Publishing

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17	Sagarika Chowdhury	Medical Internet of Things: Techniques, Practices and Applications	Diagnosis and Treatment of Cardiac Patients During the Pandemic Situation Due to COVID-19: Exploring Possible Application of MIoT	International	978-100047081-9;978-036733123-8	Narula Institute of Technology	CRC Press

18	Indrani Sarkar	Lecture Notes in Networks and Systems	Computational methodologies followed in structure based in-silico drug design: An example	International	23673370	Narula Institute of Technology	Springer
19	Debjani Chakraborti	Lecture Notes in Networks and Systems	Soft computing approach to electrical transmission network congestion management	International	23673370	Narula Institute of Technology	Springer
20	Subhram Das	Lecture Notes in Networks and Systems	Application of chaos game in trinucleotide representation for the comparison of coding sequences of β -Globin gene	International	23673370	Narula Institute of Technology	Springer

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4 2	Puja Supakar	Recent Societal Development and Sustainability	Green Hydrogen vs. Biohydrogen : Exploring the Sustainable Fuel of the Future	National	978-81-971906-7-4	Narula Institute of Technology	Ideal International E-Publication
4 3	Shilpi Pal	Recent Societal Development and Sustainability	Green Hydrogen vs. Biohydrogen : Exploring the Sustainable Fuel of the Future	National	978-81-971906-7-4	Narula Institute of Technology	Ideal International E-Publication
4 4	Puja Supakar	Recent Societal Development and Sustainability	Waste Water Treatment Using Eco-Friendly Plants & Low-Cost Technologies	National	978-81-971906-7-4	Narula Institute of Technology	Ideal International E-Publication
4 5	Debopriya Dey	Recent Societal Development and Sustainability	Waste Water Treatment Using Eco-Friendly Plants & Low-Cost Technologies	National	978-81-971906-7-4	Narula Institute of Technology	Ideal International E-Publication

46	Sarbani Ganguly	Recent Societal Development and Sustainability	Waste Water Treatment Using Eco-Friendly Plants & Low-Cost Technologies	National	978-81-971906-7-4	Narula Institute of Technology	Ideal International E-Publication
47	Indrani Sarkar	Recent Societal Development and Sustainability	Use of AI in Air Pollution Research: An analysis	National	978-81-971906-7-4	Narula Institute of Technology	Ideal International E-Publication
48	Pallav Dutta	Recent Societal Development and Sustainability	TechSculpt: Shaping Sundarban through Cutting-edge Technologies	National	978-81-971906-7-4	Narula Institute of Technology	Ideal International E-Publication
49	Aparajita Paul	Recent Societal Development and Sustainability	TechSculpt: Shaping Sundarban through Cutting-edge Technologies	National	978-81-971906-7-4	Narula Institute of Technology	Ideal International E-Publication
50	Payel Mondal	Recent Societal Development and Sustainability	TechSculpt: Shaping Sundarban through Cutting-edge Technologies	National	978-81-971906-7-4	Narula Institute of Technology	Ideal International E-Publication

51	Subhra Mukherjee	Recent Societal Development and Sustainability	A Brief study on Energy Harvest from Ocean	National	978-81-971906-7-4	Narula Institute of Technology	Ideal International E-Publication
52	Kamalika Banerjee	Recent Societal Development and Sustainability	A Brief study on Energy Harvest from Ocean	National	978-81-971906-7-4	Narula Institute of Technology	Ideal International E-Publication
53	Priyanjali Mukherjee	Recent Societal Development and Sustainability	A Brief study on Energy Harvest from Ocean	National	978-81-971906-7-4	Narula Institute of Technology	Ideal International E-Publication
54	Bingshati Mondal	Recent Societal Development and Sustainability	Data Privacy Concerns: Navigating Data Privacy Laws in Cybercrime Investigations: Balancing Efficiency and Individual Rights	National	978-81-971906-7-4	Narula Institute of Technology	Ideal International E-Publication

55	Ananya Banerjee	Recent Societal Development and Sustainability	Data Privacy Concerns: Navigating Data Privacy Laws in Cybercrime Investigations: Balancing Efficiency and Individual Rights	National	978-81-971906-7-4	Narula Institute of Technology	Ideal International E-Publication
56	Chandrima Chakrabarti	Recent Societal Development and Sustainability	Data Privacy Concerns: Navigating Data Privacy Laws in Cybercrime Investigations: Balancing Efficiency and Individual Rights	National	978-81-971906-7-4	Narula Institute of Technology	Ideal International E-Publication

57	Chandrima Chakrabarti	Recent Societal Development and Sustainability	Revolutionizing Cardiovascular Wellness: Extracting Lucrative Insights with Pioneering Random Forest Model in Precision Cardiology	National	978-81-971906-7-4	Narula Institute of Technology	Ideal International E-Publication
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59	Shyamapriya Chatterjee	Recent Societal Development and Sustainability	A New Route Discovery Approach using UAV based Delay Tolerant Network	National	978-81-971906-7-4	Narula Institute of Technology	Ideal International E-Publication
60	Chandrima Chakraborty	Recent Societal Development and Sustainability	A New Route Discovery Approach using UAV based Delay Tolerant Network	National	978-81-971906-7-4	Narula Institute of Technology	Ideal International E-Publication
61	Bishaljit Paul	Recent Societal Development and Sustainability	Implementation of Renewable Energy for Sustainable Development Goals	National	978-81-971906-7-4	Narula Institute of Technology	Ideal International E-Publication
62	Priyanjali Mukherjee	Recent Societal Development and Sustainability	Implementation of Renewable Energy for Sustainable Development Goals	National	978-81-971906-7-4	Narula Institute of Technology	Ideal International E-Publication

63	Rajasi Ray	Recent Societal Development and Sustainability	Harnessing Kinetic Energy Sidewalks for Sustainable Energy Solutions: A Green Engineering Approach	National	978-81-971906-7-4	Narula Institute of Technology	Ideal International E-Publication
64	Indrani Sarkar	Recent Societal Development and Sustainability	Potential future of silicon recycling from end-of-life Solar cells	National	978-81-971906-7-4	Narula Institute of Technology	Ideal International E-Publication
65	Rupa Saha	Recent Societal Development and Sustainability	Analysing the Pulse of Fashion: A Sentiment Analysis of Commercial Clothing Brand Reviews through Machine Learning Models - A Comparative of Linear Regression and Decision Trees	National	978-81-971906-7-4	Narula Institute of Technology	Ideal International E-Publication

66	Akhtarujjan Sarkar	Recent Societal Development and Sustainability	Advancements in CNC Lathe Turning of Aluminium-Silica Alloy: A Comprehensive Literature: A Review	National	978-81-971906-7-4	Narula Institute of Technology	Ideal International E-Publication
67	Arghya Gupta	Recent Societal Development and Sustainability	Advancements in CNC Lathe Turning of Aluminium-Silica Alloy: A Comprehensive Literature: A Review	National	978-81-971906-7-4	Narula Institute of Technology	Ideal International E-Publication
68	Sarbani Ganguly	Recent Societal Development and Sustainability	Smart Dustbin for Waste Management and Environmental Sustainability	National	978-81-971906-7-4	Narula Institute of Technology	Ideal International E-Publication

69	Rupa Bhattacharya	Recent Societal Development and Sustainability	Smart Dustbin for Waste Management and Environmental Sustainability	National	978-81-971906-7-4	Narula Institute of Technology	Ideal International E-Publication
70	Susmita Das	Recent Societal Development and Sustainability	Smart Dustbin for Waste Management and Environmental Sustainability	National	978-81-971906-7-4	Narula Institute of Technology	Ideal International E-Publication
71	Apurba Ghosh	Recent Societal Development and Sustainability	Revolutionizing Energy with Nanotechnology: A Sustainable Approach	National	978-81-971906-7-4	Narula Institute of Technology	Ideal International E-Publication
72	Susmita Karan	Recent Societal Development and Sustainability	Revolutionizing Energy with Nanotechnology: A Sustainable Approach	National	978-81-971906-7-4	Narula Institute of Technology	Ideal International E-Publication

73	Akhtarujjaman Sarkar	Recent Societal Development and Sustainability	Revolutionizing Energy with Nanotechnology: A Sustainable Approach	National	978-81-971906-7-4	Narula Institute of Technology	Ideal International E-Publication
74	Bishaljit Paul	Recent Societal Development and Sustainability	Impacts of Emission Trading on Generation Scheduling and Electricity Prices	National	978-81-971906-7-4	Narula Institute of Technology	Ideal International E-Publication
75	Dipu Mistry	Recent Societal Development and Sustainability	Impacts of Emission Trading on Generation Scheduling and Electricity Prices	National	978-81-971906-7-4	Narula Institute of Technology	Ideal International E-Publication
76	Bishaljit Paul	Recent Societal Development and Sustainability	Implementation of Renewable Energy for Sustainable Development Goals	National	978-81-971906-7-4	Narula Institute of Technology	Ideal International E-Publication

77	Priyanjali Mukherjee	Recent Societal Development and Sustainability	Implementation of Renewable Energy for Sustainable Development Goals	National	978-81-971906-7-4	Narula Institute of Technology	Ideal International E-Publication
78	Payel Mondal	Recent Societal Development and Sustainability	Floral Interventions : Catalyzing Green and Sustainable Restoration in Environmental Conservation	National	978-81-971906-7-4	Narula Institute of Technology	Ideal International E-Publication
79	Sanghamitra Layek,	Recent Societal Development and Sustainability	Floral Interventions : Catalyzing Green and Sustainable Restoration in Environmental Conservation	National	978-81-971906-7-4	Narula Institute of Technology	Ideal International E-Publication

80	Bikas Mondal,	Recent Societal Development and Sustainability	Floral Interventions : Catalyzing Green and Sustainable Restoration in Environmental Conservation	National	978-81-971906-7-4	Narula Institute of Technology	Ideal International E-Publication
81	Abhipriya Halder	Recent Societal Development and Sustainability	A Review on the Evaluation of Water Quality Index and the Implication of Artificial Intelligence Techniques	National	978-81-971906-7-4	Narula Institute of Technology	Ideal International E-Publication
82	Payel Mondal	Recent Societal Development and Sustainability	Influence of Rural and Urban Environments on Mental Health	National	978-81-971906-7-4	Narula Institute of Technology	Ideal International E-Publication

83	Sanghamitra Layek,	Recent Societal Development and Sustainability	Influence of Rural and Urban Environments on Mental Health	National	978-81-971906-7-4	Narula Institute of Technology	Ideal International E-Publication
84	Puja Supakar	Recent Societal Development and Sustainability	Influence of Rural and Urban Environments on Mental Health	National	978-81-971906-7-4	Narula Institute of Technology	Ideal International E-Publication
85	Chandrima Chakraborty	Recent Societal Development and Sustainability	A New Routing Strategy in Post Disaster Scenario using Delay Tolerant Network	National	978-81-971906-7-4	Narula Institute of Technology	Ideal International E-Publication

Professional Development Program:

Like every year in academic year 2021-2022, Narula Institute of Technology has organized multiple numbers of different types of programs like Faculty development Programmes (FDP), Workshops, Short Term Training Program (STTP), Conferences, Webinars, Seminars. This year Institute has organized total 31 number of workshops and collectively more than 2000 participants have taken active participation. 12 numbers of FDPs have been organized by Institute where internal faculties from different department as well as faculty members from other colleges also taken active participation. Overall 500 Participants including many renowned delegates have made these FDPs successful. Moreover, many national and international delegates made this program successful. Moreover 4 seminars have been arranged and conducted successfully in this academic year. Also a refresher program was organized.

Type of Program	Title	Organized By	Dates	No of Participants
Workshop	Two days’ workshop on "Mechanics of Composite Materials: Analysis and Applications"	Narula Institute of Technology	03.08.2024-04.08.2024	52
	Two days’ workshop on "Micro and Nano-Engineering: Applications in Mechanical Design"	Narula Institute of Technology	15.09.2024-16.09.2024	54
	Two days seminar on "Role of Renewable Energy in Hybrid Power Plants"	Narula Institute of Technology	12.02.2025-13.02.2025	48
	Two days workshop on "Artificial Intelligence and Machine Learning Applications in Mechanical Engineering"	Narula Institute of Technology	23.04.2025-24.04.2025	53
	Two days workshop on "Mechanical Vibrations and Noise Control in Industrial Applications"	Narula Institute of Technology	14.06.2025-15.06.2025	50

Two days workshop on "Emerging Technologies in Computer Science"	Narula Institute of Technology	22.08.2024-23.08.2024	54
Two days workshop on "MERN Stack Development"	Narula Institute of Technology	07.11.2024-08.11.2024	56
Two days workshop on "Generative AI Tools for Research Writing"	Narula Institute of Technology	21.03.2025-22.03.2025	58
Two days workshop on 'Recent Innovation in the Field of Robotics'	Narula Institute of Technology	15.09.2024-16.09.2024	43
Two days workshop on "Solidarity can be cultivated through education"	Narula Institute of Technology	20.12.2024-21.12.2024	58
Two days workshop on "Background Beauty of Digital Design"	Narula Institute of Technology	08.01.2025-09.01.2025	39
Two days workshop on 'Smart system for Healthcare'	Narula Institute of Technology	09.03.2025-10.03.2025	52
Two days workshop on "Recent Advancements in Remote Sensing Technology"	Narula Institute of Technology	18.04.2025-19.04.2025	46
Two days workshop on "Modern Era of Electrical Engineering"	Narula Institute of Technology	20.12.2024-21.12.2024	56
Two Days workshop on Recent Trends On Renewable Energy And Power Electronics	Narula Institute of Technology	09.11.2024 - 10.11.2024	62
Two Days workshop on "Industrial Applications of Electrical Engineering"	Narula Institute of Technology	15.09.2024-16.09.2024	52
Two days Workshop On Electric Vehicles	Narula Institute of Technology	14.06.2025-15.06.2025	56
Two days workshop on " Emerging technologies in IT "	Narula Institute of Technology	17.08.2024 - 18.08.2024	39

Two Days workshop on “Rainwater Harvesting: A Sustainable Approach to Water Conservation”	Narula Institute of Technology	17.04.2025 - 18.04.2025	52
Two days workshop on "Cloud computing and DevOps "	Narula Institute of Technology	15.02.2025 - 16.02.2025	54
2 Days Workshop on "Empowering Academia: Mastering Grant Writing and Intellectual Property Rights"	Narula Institute of Technology	17.04.2025 - 18.04.2025	51
2 Days Workshop on "Revolutionizing Connectivity: Advanced IoT and Embedded Systems "	Narula Institute of Technology	17.08.2024 -18.08.2024	51
2 days Workshop on "Harnessing AI: Advanced Natural Language Processing with Python"	Narula Institute of Technology	03.08.2024 - 04.08.2024	56
3 Days Workshop on Bibliometric Analysis using Vosviewer	Narula Institute of Technology	11.09.2024 - 13.09.2024	52
3 Days Workshop on Brain-Based Teaching: Using Neuroscience to Enhance Student Learning	Narula Institute of Technology	04.03.2025 - 06.03.2025	39
2 Days Workshop on "Patent Filing"	Narula Institute of Technology	15.11.2024 -16.11.2024	45
2 Days Workshop on "Unveiling Cyber Threats: Mastering Ethical Hacking and Penetration Testing"	Narula Institute of Technology	17.04.2025 - 18.04.2025	55
2 Days Workshop on Applications of Artificial Intelligence in Robotics and Mechatronics	Narula Institute of Technology	21.08.2024 - 25.08.2024	40

	2 Days Workshop on Advanced Embedded Systems Design	Narula Institute of Technology	09.10-2024 -10.10.2024	32
	2 Days workshop on "Design fusion-Exploring Emerging Trends in Electronics Circuits"	Narula Institute of Technology	06.11.2024 - 08.11.2024	35
	2 Days workshop on Recent State-of-the Art of Image Processing	Narula Institute of Technology	20.03.2025 - 21.03.2025	38
FDP	One week Faculty Development Program on "Recent Advances in Material Characterization Techniques and Testing Methods"	Narula Institute of Technology	08.01.2025-12.01.2025	60
	One week Faculty Development Program on "Applications of AI/ML"	Narula Institute of Technology	19.02.2025-23.02.2025	61
	One week Faculty Development Program on "Advance Research Methodology: Tools & Techniques"	Narula Institute of Technology	11.09.2024-15.09.2024	53
	Week-long Faculty Development Program on "AI/ML Based Smart Systems for Energy, Healthcare, and Agricultural Industries"	Narula Institute of Technology	09.10.2024-13.10.2024	50
	Five Days Faculty Development Program on "CO-PO Mapping & CO-PO Attainment"	Narula Institute of Technology	10.07.2024-14.07.2024	56
	FDP on " Contemporary Research Areas in Electrical and Electronics Engineering"	Narula Institute of Technology	19.02.2025 - 23.02.2025	57
	Five Days Faculty Development Program on "Recent Trends in Computational Approaches"	Narula Institute of Technology	02.01.2025 - 06.01.2025	52

	One Week FDP on “Novel Approaches for Improving Performance in the Civil Engineering Field”	Narula Institute of Technology	11.09.2024 - 16.09.2024	57
	1 Week FDP on Recent Trend and Advancements in ML & NLP	Narula Institute of Technology	12.07.2024 - 17.07.2024	27
	One Week Online FDP “Breakthroughs in Computational Tools and Technologies”	Narula Institute of Technology	16.01.2025 - 20.01.2025	70
	One week FDP on "Future-Ready Smart Systems in Healthcare, and Agriculture"	Narula Institute of Technology	15.01.2025 -19.01.2025	35
SEMINAR/ WEBINAR	FDP on Professional Communication on universal human values	Narula Institute of Technology	18.07.2024 -24.07.2024	50
	Two days seminar on Global Energy Scenario: Transition from Conventional to Renewable Sources.	Narula Institute of Technology	03.08.2024- 04.08.2024	50
	Two days seminar on "Cyber security and Ethical hacking "	Narula Institute of Technology	15.11.2024 - 16.11.2024	62
	Two days seminar on " Data science and big data analytics "	Narula Institute of Technology	17.04.2025 - 18.04.2025	49
	Two days seminar on " AI-driven tools for personalized learning and grading. "	Narula Institute of Technology	09.05.2025 - 10.05.2025	52

Faculty Orientation Program

About The Program

Narula Institute of Technology organized a Faculty Orientation Program for all the new recruits from 21st to 25th August, 2024. All the Faculty members spanning all the departments attended the programme to learn from experts about various aspects of teaching and learning. The Orientation Programme's primary goal was to familiarize the participants with their roles and responsibilities. It was designed to orient them on various generic aspects of teaching learning, instructional methodologies, and assessment and evaluation techniques. The curriculum consisted of three modules - Pedagogy, Research, and Ethics in Profession.

21-08-2024: Day 1 started with lectures on curriculum constituents, academic structure of NiT, course monitoring, MOOCs, flipped classroom paradigms, etc.

22-08-2024: Day 2 focused on Science and Engineering core where NiT expert faculties showed the participants how to prepare lectures for various courses where topics ranged from Physics, Mathematics, Electrical and Electronics Engineering.

23-08-2024: On Day 3 the group was divided according to their departments and visits were arranged to respective departments for closer interactions with faculty members. These also included lectures on departmental core teaching strategies.

24-08-2024: On Day 4 lab visits were organized to show them different laboratories at NiT. These tours included Physics, Chemistry, central workshops, etc.

25-08-2024: Day 5 included discussions on UG program, B. Tech. Project, faculty improvement, how to engage the UG and PG students in academic and extracurricular activities. To have a better understanding of the role as an educator, faculty members were motivated to involve themselves in several activities. Some of the following activities that can be beneficial for them:

- Teaching- learning methodology
- MOOCs on topics relevant to engineering education
- Training on how to generate new learning materials.
- Course on research methodologies
- Course on technical reading and writing

Objectives of the Programme

- To make the participants know the structure, functioning, governance, rules and regulations in Institutions of Higher Education and to orient them to become potential partners in institute building
- To enable the faculty to understand their roles and responsibilities in Higher Education and to impart essential professional skills, competencies and attitudes
- To enable the faculty to conceptualise the nuances of curriculum design and development in higher education at global standards.
- To train the participants in modern teaching methods and strategies
- To train the faculty on the use of ICT tools and integrating them in teaching and research
- To train the participants in methods of evaluation and assessment of diversified groups of students
- To provide research orientation to young faculty towards integrating research with pedagogy
- To develop practical knowledge in emotional balance of self and in student-counselling and mentoring
- To enable the faculty to generate new learning materials for enrichment of online open access platforms
- To provide knowledge about different models of leadership to the participants in order to enhance their academic leadership skills
- To enable the faculty to learn the principles of strategic planning and management.

Modules/Topics

1. General Principles

- Welcome Talk – General Feature of Institute
- Presentation on Academic Structure at NiT
- Generic curriculum and its Constituents
- What to test for? Learning evaluation through quizzes, exams, projects.
- MOOCS, Flipped Classroom paradigms
- Course monitoring mechanism at NiT
- Teaching management system (LMS)
- Mentoring System

2. Basic Fundamental Subjects

- Core Physics – objectives, content, preparation, delivery, expectation
- Core mathematics – objectives, content, preparation, delivery, expectation
- Need for simple experimentation in classroom teaching
- Overcoming functional English deficiency
- Introduction to Electronics Engineering
- Introduction of Electrical Engineering

3. Departmental core

- Introduction to department – objectives, emphasis, course template, break-up of theory and lab. Component
- Session on department core – major lab. courses, including concept of lab lecture

visit labs.

4. Autonomy examination process

- Discussion on format of question paper.
- Discussion on the copy checking process.
- Discussion on the marks entry process.

5. R&D and Consultancy

- Discussion on Faculty improvement - continued research
- Critical Thinking + Ethics
- Statistical Methods and errors
- Scope of Consultancy

Resource Persons

SI No.	Name	Designation
1	Dr. Subhram Das	HOD, Computer Science and Engineering, NiT
2	Dr. Bansari Majumdar	HOD, Electrical Engineering, NiT
3	Dr. Sumit Chhabri	HOD, Mechanical Engineering, NiT
4	Dr. Sarbani Ganguly	HOD, Basic Science and Humanities, NiT

List of Registered Participants

SI No.	Faculty Name	Designation	Department
1	Antara Ghosh Laha	Assistant Professor	Electronics & Communication Engineering
2	Aliprio Hazra	Assistant Professor	Electronics & Communication Engineering
3	Swarnali Daw	Assistant Professor	Computer Science and Engineering
4	Dr. Bikas Mondal	Assistant Professor	Electronics & Instrumentation Engineering
5	Pritusna Banik	Assistant Professor	Computer Science and Technology
6	Arindam Das	Assistant Professor	Computer Science and Technology

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Modules/Topics

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 - Introduction of Electrical Engineering
8. Departmental core
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 - Discussion on the copy checking process.
 - Discussion on marks entry process.
10. R&D and Consultancy
- Discussion on Faculty improvement - continued research
 - Critical Thinking + Ethics
 - Statistical Methods and errors
 - Scope of Consultancy

Resource Persons

SI No.	Name	Designation
1	Prof. Sourav Saha	Dean R&D, NiT
2	Prof. Shambhunath Saha	Dean Students Affairs, NiT
3	Dr. Suchismita Maiti	HOD, Information Technology, NiT
4	Dr. Subhram Das	HOD, Computer Science and Engineering, NiT

List of Registered Participants

SI No.	Faculty Name	Designation	Department
1	Dipayan Das	Assistant Professor	Information Technology
2	Partha Guha	Assistant Professor	Information Technology
3	Gopal Pramanik	Assistant Professor	Computer Science and Engineering (AIML)
4	Tathagata Chatterjee	Assistant Professor	Computer Science and Engineering (AIML)
5	Arnab Chakraborty	Assistant Professor	Computer Science and Engineering (AIML)
6	Dr. Suvojit Acharjee	Assistant Professor	Electronics & Communication Engineering
7	Farhat Anjum	Assistant Professor	Computer Science & Business System

Chapter 6

STUDENT CENTRIC ACTIVITIES

INDUCTION PROGRAMME FOR 1ST YEAR STUDENTS

SWAGATAM 2K24

Transition from school to university/college life is one of the most challenging events in a students' life. When new students enter an institution, they come with diverse thoughts, backgrounds and preparations. The purpose of Student Induction Programme is to help new students adjust and feel comfortable in the new environment, inculcate in them the ethos and culture of the institution, help them build bonds with other students and faculty members, and expose them to a sense of larger purpose and self-exploration. The aim of the programme is to engage with the new students as soon as they come into the institution; before regular classes start. At the start of the induction, the incumbents learn about the institutional policies, processes, practices, culture and values, and their mentor groups are formed.

Students Induction could cover a number of different aspects (SAGE):

Socializing: meeting other new students, senior students, student's union, Lectures by Eminent People;

Associating: visits to University / college, visits to Dept./Branch/ Programme of study & important places on campus, local area, city and so on;

Governing: rules and regulations, student support etc;

Experiencing: Subject lectures, study skills, small-group activities, physical activity, creative and performing arts, literary activities, universal human values, etc.

OBJECTIVES:

- To help the students feel comfortable in the new environment and adjust to the customs and practices of the college.
- To enable the students to become familiar with the amenities and accessing the intellectual and physical resources of the institutions
- The main aim of the program is to install the ideas, practices and spirit of this College and its unique features.

- To enable the students to understand and have better relationship with the faculty members for setting the pace of fruitful teaching learning experiences.
- To create comfortable environment to the newly admitted students to approach faculty mentor when facing any academic, financial and psychological problems through the well-structured Mentor Mentee network.
- Giving attention to stimulating social integration of students among themselves and with teachers.



Narula Institute of Technology organized the Induction Programme titled “Swagatam” for all the academic batches before the commencement of the classes. The warm-up session of the Induction Programme (SIP) for the 1st year undergraduates commenced on 30th August, 2024 by welcoming hundreds of cheerful young learners at Biswa Bangla Convention Centre. The students and staff members of Narula Institute of Technology greeted the new entrants as well as the guests by putting chandan tilak on their forehead and tying rakhi on the wrist. A bunch of 2000 bubbly students at Biswa Bangla Convention Centre stood up and took a pledge of solidarity and celebrated the bond of care and affection. The mission of Swagatam 2024 was to Empower the Leaders of Tomorrow was cherished through this.

There were interactions with renowned academicians and industry personnel. Alumni network members of NiT were also invited for some discussions with the students. The sessions generally constituted of:

1. Welcome addresses from the Principal of NiT, Registrar of NiT, Dignitaries, Invited guests and Head of the Departments.
2. The event is named as “Swagatam” and the welcome note is given to both the parents and students.
3. The session included interaction with renowned academicians, researchers, and Industry personnel.
4. Also sessions included interaction with renowned Alumni members of the associations, and present students of the institution.
5. For the benefit of the student’s outlook, the Yoga sessions and motivational sessions was conducted where *Swami Vedatitananda ji was the key speaker.*
6. There are sessions on “Know your subject” based on basics of English Mathematics, Physics and Chemistry.
7. Finally, there were cultural activities, exciting campus tour where the students got an opportunity to get a firsthand view of the college and fashion shows organized for the first year students.
8. Happy hours also took place in the college lobby where students got engaged themselves in a cultural euphoria and students engaged in a NSS Presentation where the NSS Convener-Dr. Nikhilesh Sil motivated the students to join several NSS activities in the coming days.



STUDENT'S PUBLICATION

❖ **Student Publication 2024-2025**

JOURNAL

SI No.	Name of the Journal/Name of the Book (Book Chapter)/Name of the Conference	ISSNI / ISBN number / NA (Conference Presentation - Yet to be Published)	Indexing of the Published Research Article	Date of the Publication (Published)/Conference Presentation (Yet to be Published)	Title of the Research Article	List of Authors (Comma Separated)
1	NEURAL NETWORKS IN ARTIFICIAL INTELLIGENCE	2320-2882	Other	04-06-2025	NEURAL NETWORKS IN ARTIFICIAL INTELLIGENCE	Solanki Singha, Subhasree Bhattacharjee
2	International Journal of Creative Research Thoughts	2320-2882	Other	06-06-2025	Understanding Consumer Behavior In Electronics Industry: A Case Of West Bengal	Dr.Sriparna Guha
3	Load Balancing in Cloud Computing	2395-1303	Other	08-07-2024	Load Balancing in Cloud Computing	Shreya Bhar, Rupsa Das, Sudip Das

4	International Journal for Research Trends and Innovation	2456-3315	Other	01-10-2024	ReBERT- An Enhanced BERT	Priyanka Shee, Santayo Kundu, Anirban Bhar, Moumita Ghosh
5	International Journal for Research Trends and Innovation	2456-3315	Other	01-10-2024	Unveiling the Shadows: Understanding the Dark Web's Ecosystem, Risks and Mitigation Strategies	Sumsuzzama n Midda , Manami Hazra , Anirban Bhar , Sujata Kundu
6	International Journal for Research Trends and Innovation	2456-3315	Other	01-10-2024	The Era of Artificial Intelligence: Implications and Future Prospects	Shubham Jaju, Anirban Bhar, Suman Kumar Bhattacharyya
7	International Research Journal of Innovations in Engineering and Technology - IRJIET	ISSN (online): 2581-3048	Other	02-10-2024	The Future of Cloud Computing: Trends, Challenges, and Opportunities	Sudip Das, Soumita Mullick, Sandhita Ghosh, Somhrita Goswami
8	International Journal of Engineering and Techniques	2395-1303	Other	19-07-2024	LOAD BALANCING IN CLOUD COMPUTING	1Shreya Bhar, 2Rupsa Das, 3Sudip Das
9	International Journal for Research Trends and Innovation	2456-3315	Other	01-10-2024	Advancement of Machine Learning and its Applications	Tirthankar Ray , Abhra Saha , Anirban Bhar , Neepa Biswas

10	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2321-9653	Other	30-11-2024	E-commerce Revolution: Exploring the Impact of Online Shopping on Traditional Retail	Ayush Tiwari, Shubhendu Ghorai, Anirban Bhar, Suman Kumar Bhattacharyya
11	International Journal for Research Trends and Innovation	2456-3315	Other	01-10-2024	AI at The Crossroads: Examining Impact and Implications	Kunal Ghosh, Sagnik Ghosh, Anirban Bhar, Soumya Bhattacharyya
12	International Journal (IJARIE)	2395-4396	Other	17-11-2024	Enhancement of Blockchain, it's Application, Challenges and Opportunities	Debajyoti Roy, Farhan Shamsad, Anirban Bhar, Suman Kumar Bhattacharyya
13	International Journal for Research Trends and Innovation	2456-3315	Other	01-10-2024	Neuralink: A Futuristic Exploration for Bridging Minds and Machine	Priyajit Pramanik, Sayan Roy, Anirban Bhar, Suchismita Maiti
14	International Journal Of Engineering And Computer Science	2319-7242	Other	11-11-2024	Computer Vision and AI: Bridging the Gap between Perception and Understanding in Machines	Chandrima Sarkar, Soumargha Kar, Anirban Bhar, Suman Kumar Bhattacharyya

15	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	2581-9429	Other	06-04-2025	Revolutionizing Traffic Management: Advanced Machine Learning Techniques for Accurate Traffic Flow Prediction	Sudip Das, Tapabrato Bandyopadhyay, Soumyadeep Mukherjee, Siddhartha Acharyya
16	International Journal for Research Trends and Innovation	2456-3315	Other	01-10-2024	Impact of 5G Technology on IoT for Digital Solution	Rounak Polley, Surya Sekhar Sharma, Anirban Bhar, Shyamapriya Chatterjee
17	International Journal for Research Trends and Innovation	2456-3315	Other	01-10-2024	Potential of Virtual and Augmented Reality in Education and its Future Directions	Deeplina Paul, Monidipa Ghosh, Anirban Bhar, Dhriti Chakraborty
18	International Journal for Research Trends and Innovation	2456-3315	Other	01-10-2024	The Era of Artificial Intelligence: Implications and Future Prospects	Shubham Jaju, Anirban Bhar, Suman Kumara Bhattacharyya
19	Journal of Technology	10123407	SCOPUS	06-06-2025	Delivery Allocation of Essential Medicines Using Particle Swarm Optimization	Subhasree Bhattacharjee, Moly Dhar, Subham Mukherjee

20	International Journal Of Advance Research And Innovative Ideas In Education	2395-4396	Other	01-09-2024	The Impact on Technological Innovations in Crime Prevention and Policing	Simran Biswas, Samiparna Ghosh, Anirban Bhar, Shyamapriya Chatterjee
21	International Journal Of Advance Research And Innovative Ideas In Education	2395-4396	Other	01-09-2024	Harnessing the Power of 5G Technology for Enhanced Patient Care and Medical Innovation	Chandrima Saha , Shoumita Roy , Anirban Bhar , Sujata Kundu
22	International Journal Of Advance Research And Innovative Ideas In Education	2395-4396	Other	01-09-2024	Enhancement of Blockchain, it's Application, Challenges and Opportunities	Debajyoti Roy , Farhan Shamsad , Anirban Bhar , Suman Kumar Bhattacharyya
23	International Journal of Computer Techniques	2455-135X	Other	14-10-2024	Analysis and Review on Advancement in Steganography Techniques	Madhuja Saha, Nilendu Barman, Anirban Bhar, Neepa Biswas
24	International Journal of Computer Techniques	2455-135X	Other	14-10-2024	Quantum Computing Architectural Advancements and it's Challenges	Suyeta Saha, Suman Roy, Anirban Bhar, Dhriti Chakraborty

25	International Journal of Computer Techniques	2455-135X	Other	14-10-2024	Blockchain Technology and it's Transformative Potential: A Comprehensive Analysis and Future Implications	Sk Firdous Rahaman, Aditya Ghosh, Anirban Bhar, Shambhu Nath Saha
26	International Journal of Computer Techniques	2455-135X	Other	14-10-2024	The Future Direction of Enhancing User Experience and Interaction Design in Augmented Reality Systems	Ayushee Shaw, Tanisha Shaw, Anirban Bhar, Moumita Ghosh
27	International Journal of Computer Techniques	2455-135X	Other	14-10-2024	ReactJS: The Latest Front-end Web Development Framework	Aayush Kumar Shaw, Rishij Manna, Anirban Bhar, Soumya Bhattacharyya
28	International Journal for Research in Applied Science & Engineering Technology	2321-9653	Other	01-11-2024	E-commerce Revolution: Exploring the Impact of Online Shopping on Traditional Retail	Ayush Tiwari, Shubhendu Ghorai, Anirban Bhar, Suman Kumar Bhattacharyya

29	International Journal for Research in Applied Science & Engineering Technology	2321-9653	Other	01-11-2024	Data Analytics: A Catalyst for Innovation and Decision-Making across Industries	Sauparnak Banerjee, Pralay Dhar, Anirban Bhar, Shambhu Nath Saha
30	International Journal for Research in Applied Science & Engineering Technology	2321-9653	Other	01-11-2024	Sentiment Analysis in the Perspective of Natural Language Processing	Sutapa Chakraborty, Sohini Sadhukhan, Anirban Bhar, Moumita Ghosh
31	International Journal for Research in Applied Science & Engineering Technology	2321-9653	Other	01-11-2024	Efficient Data Management Strategies for Cloud Computing Environments	Debayan Guha, Ronit Biswas, Anirban Bhar, Soumya Bhattacharyya
32	International Journal for Research in Applied Science & Engineering Technology	2321-9653	Other	01-11-2024	Beyond Virtual Horizons: Navigating the Infinite Metaverse Landscape and Unveiling its Real-World Impact	Debargha Sanyal, Sandipan Roy, Anirban Bhar, Suchismita Maiti
33	ADVANCED IMAGE RESOLUTION ENHANCEMENT VIA DEEP LEARNING2	2321-9653	Other	10-12-2025	ADVANCED IMAGE RESOLUTION ENHANCEMENT VIA DEEP LEARNING	1(SUDIPA KOWER), 2(Dr. Sangita Roy)

34	American Journal of Electronics and Communication.	2690-2087	Other	08-04-2025	Development of IoT Based Monitoring System in Smart Agriculture	Jinnat Saba, Shams Tanveer, Soumyata Singh, Sanghamitra Layek, Bikas 35Mondal.
35	Single Image Srgan: Resolving Low Resolution to High Resolution Images	ISSN 2582-7421	Other	12-08-2025	Single Image Srgan: Resolving Low Resolution to High Resolution Images	Low Kumar Chowdhury, Srinjoy Mukherjee, Dr. Sangita Roy
36	Automatic Modulation Classification: An Optimal Approach For Telemedicine	eISSN : 2349-5162	UGC-Care I only	24-06-2025	Automatic Modulation Classification: An Optimal Approach For Telemedicine	Aman Singh, Sandhya Pattanayak, Nimish Adarsh, Rajdip Sen, Ratul Singha, Anuska Gayen
37	International Journal of Engineering and Computer Science	2319 7242	Other	01-12-2024	Securing Digital Communication: A Deep Dive into Network Security and Cryptography	Smriti Debnath, Bidisha Mukherjee, Anirban Bhar, Shyamapriya Chatterjee
38	International Journal of Engineering and Computer Science	2319 7242	Other	01-12-2024	Computer Vision and AI: Bridging the Gap between Perception and Understanding in Machines	Chandrima Sarkar, Soumargha Kar, Anirban Bhar, Suman Kumar Bhattacharyya

39	International Journal of Engineering and Computer Science	2319 7242	Other	01-12-2024	Data Warehouse Metadata Management: Ensuring Data Quality and Governance	Sneha Mondal, Anirban Pal, Anirban Bhar, Sujata 40Kundu
40	International Journal of Engineering and Computer Science	2319 7242	Other	01-12-2024	Interpretable Machine Learning Models: Bridging the Gap between Accuracy and Transparency	Mrityunjay Saha, Srijan Chatterjee, Anirban Bhar, Shambhu Nath Saha
41	International Journal of Engineering and Computer Science	2319 7242	Other	01-12-2024	Mobile CPU Architecture Evolution: From Early Designs to Modern Power-Efficient Processors	Priyanshu Ghosh, Saikat Das, Anirban Bhar, Suchismita Maiti
42	International Journal of Engineering and Computer Science	2319 7242	Other	01-12-2024	Artificial Intelligence in the 21st Century: Unveiling the Strengths and Weaknesses	Indranil Mukherjee, Suvechha Paul, Anirban Bhar, Shyamapriya Chatterjee
43	International Journal of Engineering and Computer Science	2319 7242	Other	01-12-2024	Quantum Computing in Portfolio Optimization and Risk Management	Prateeti Chatterjee, Anushree Saha, Anirban Bhar, Sujata Kundu

44	International Journal of Engineering and Computer Science	2319 7242	Other	01-12-2024	Automated Trading Strategies Using Artificial Intelligence	Ritesh Biswas, Abhay Das, Anirban Bhar, Soumya Bhattacharyya
45	International Journal of Engineering and Computer Science	2319 7242	Other	01-12-2024	The Security Implications of Blockchain Technology	Hrittika Dey, Deblina Ghosh, Anirban Bhar, Dhriti Chakraborty
46	International Journal of Engineering and Computer Science	2319 7242	Other	01-12-2024	AI-Based Cybersecurity Solutions in Threat Detection and Incident Response	Ritama Pal, Arpita Chakraborty, Anirban Bhar, Moumita Ghosh
47	International Journal of Engineering and Computer Science	2319 7242	Other	01-12-2024	Cybersecurity Best Practices: Strategies for Protecting Organizations from Cyber Threats	Ankita Banerjee, Ankita Paul, Anirban Bhar, Dhriti Chakraborty
48	International Journal of Engineering and Computer Science	2319 7242	Other	01-12-2024	Impact of Artificial Intelligence in Provision of New Job Opportunities	Swarup Samanta, Ankita Banerjee, Anirban Bhar, Neepa Biswas
49	Cybersecurity in the Quantum Age: Threats, challenges, and solution	2581- 9429	Other	09-11-2024	Cybersecurity in the Quantum Age: Threats, challenges and Solution	Sudip Das, Soumyadeep Mukherjee, Tapabrata Bondhopadhyaya

50	The GenAI Code: Cracking the Genetic Blueprint of Artificial Creativity	2581-3048	Other	10-10-2024	TheGenAICode:CrackingtheGeneticBlueprintofArtificialCreativity	Ravi Shaw, Pranoy Patra, Madhura Sarkar, Rupa Saha
51	The GenAI Code: Cracking the Genetic Blueprint of Artificial Creativity	2581-3048	Other	10-10-2024	The GenAI Code: Cracking the Genetic Blueprint of Artificial Creativity	Ravi Shaw, Pranoy Patra, Madhura Sarkar, Rupa Saha
52	American Journal of Electronics & Communication (AJEC)	ISSN 2690-2087	Other	04-04-2025	Development of IoT Based Monitoring System in Smart Agriculture	Shams Tanveer, Jinnat Saba, Soumyata Singh, Sanghamitra Layek, Bikas Mondal.
53	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	2581-9429	Other	05-07-2024	Computer Vision: The Era of Automation	Srinjoy Saha, Shreya Bhar, Sukalyan Porey, Kusum Majhi, Rupsa Das, Debrupa Pal
54	International Advanced Research Journal in Science, Engineering and Technology	ISSN (O) 2393-8021, ISSN (P) 2394-1588	Other	22-08-2024	Exploring the Paradigm Shift: A Comprehensive Study of Cloud Computing's Impact	Srinjoy Saha, Sneha Nej, Shalini Saha, Kushal Banerjee, Debrupa Pal

55	International Advanced Research Journal in Science, Engineering and Technology	ISSN (O) 2393-8021, ISSN (P) 2394-1588	Other	22-08-2024	Exploring the Paradigm Shift: A Comprehensive Study of Cloud Computing's Impact	Srinjoy Saha, Sneha Nej, Shalini Saha, Kushal Banarjee, Debrupa Pal
56	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	2581-9429	Other	30-09-2024	Beyond Imitation: Exploring Novelty in Generative AI	Srinjoy Saha, Tapabrato Bandyopadhyay, Debrupa Pal
57	International Research Journal of Innovations in Engineering and Technology (IRJIET)	2581-3048	Other	31-10-2024	Revolutionizing Natural Language Understanding with Prompt Engineering: A Comprehensive Study	Srinjoy Saha, Siddhartha Acharyya, Soumyadeep Mukherjee, Debrupa Pal
58	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	ISSN (Online) 2581-9429	Other	12-09-2024	AI Horizons: Unveiling the Future of Generative Intelligence	Meghna Das, Chayantika Roy, Sanhita Kar, Soumita Mullick, Rupa Saha
59	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	ISSN (Online) 2581-9429	Other	12-09-2024	AI Horizons: Unveiling the Future of Generative Intelligence	Sanhita Kar, Chayantika Roy, Meghna Das, Soumita Mullick, Rupa Saha

60	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	ISSN (Online) 2581-9429	Other	12-09-2024	AI Horizons: Unveiling the Future of Generative Intelligence	Sanhita Kar , Chayantika Roy , Meghna Das , Soumita Mullick, Rupa Saha
61	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	ISSN (Online) 2581-9429	Other	12-09-2024	AI Horizons: Unveiling the Future of Generative Intelligence	Chayantika Roy , Sanhita Kar , Meghna Das , Soumita Mullick , Rupa Saha
62	Grenze	Grnze ID : 01.GIJ ET.10. 2.579	SCOPUS	19-12-2021	Depression Detection using Machine Learning	Soham ghosh, mainak Chatterjee, Niladri kandar, Lekhna
63	Grenze International Journal of Engineering and Technology (GIJET)		SCOPUS	20-07-2025	Depression Prediction using Machine Learning	Mainak Chatterjee , Niladri Kandar , Dr. Sagarika Chowdhury , Lekhan Roy , Ritam Karmakar , Soham Ghosh and Siddharth Chakraborty

64	International Advanced Research Journal in Science, Engineering and Technology(IARJ SET)	ISSN (Online) 2393-8021 ISSN (Print) 2394-1588	Other	10-09-2024	ICT – Pedagogical Principles in Teaching Language with Technology	Priyanka Banerjee , Shreya Mitra and Suchandrika Banerjee
65	Automatic Modulation Classification: An Optimal Approach For Telemedicine	eISSN : 2349-5162	UGC-Care I only	25-06-2025	Automatic Modulation Classification: An Optimal Approach For Telemedicine	Anuska Gayen, Aman Singh, Sandhya Pattanayak, Nimish Adarsh, Rajdip Sen, Ratul Singha
66	Automatic Modulation Classification: An Optimal Approach For Telemedicine	2349-5162	UGC-Care I only	25-06-2025	Automatic Modulation Classification: An Optimal Approach For Telemedicine	1.Rajdip Sen, 2.Sandhya Pattanayak, 3.Nimish Adarsh, 4.Aman sing, 5.Ratul Singha
67	Indian Journal of Physics	NA	WoS	26-04-2025	Disease Identification and Confirmation Using a Two-Layer Machine Learning Approach for Rural Healthcare	Md. Ashifuddin Mondal, Aritra Pal, Aritra Rana, Pritam Bhuiya, Rohit Malik

68	Indian Journal of Physics	NA	WOS	26-04-2025	Disease Identification and Confirmation Using a Two-Layer Machine Learning Approach for Rural Healthcare	Md Ashifuddin Mondal, Aritra Pal, Aritra Rana, Pritam Bhuiya, Rohit Malik, Isan Agniswar Banerjee
69	International Research Journal of Innovations in Engineering and Technology(IRJI ET)	2581-3048	Other	10-11-2024	The GenAI Code: Cracking the Genetic Blueprint of Artificial Creativity	Ravi Shaw, Pranoy Patra, Madhura Sarkar, Rupa Saha
70	1st International Conference on Recent Innovation in Science, Computing and Communication(RISCC 2025), 19th-20th April,2025 (First Volume)	978-93-6252-497-3	Other	20-04-2025	Impact of IoT (Internet of Things) on Cyber Security	Ankana Saha, Gunjan Saha, Ms. Bin gshati Mondal, Anis h Halder, Kush al Mondal, Argh ya Biswas, Sarth ak Medda
71	1st International Conference on Recent Innovation in Science, Computing and Communication (RISCC 2025), 19th - 20th April, 2025	978-93-6252-497-3	Other	19-04-2025	Recent Trends on Machine Vision for Ophthalmic Wellness	Shreya Mitra, Srinjoy Mitra, Piuli Saha, Akash Maity, Swastika Nandan, Mahi Mahendra Gupta, Dr. Sagarika Chowdhury

72	International Research Journal of Modernization in Engineering Technology and Science	IRJM ETS61 20004 2160	Other	19-12-2025	A PROJECT REPORT ON ENHANCING CREDIT CARD SECURITY A MACHINE LEARNING APPROACH TO FRAUD DETECTION	Asim Barman, Shreya Roy , Akash Saha , Roni Mondal
73	International Research Journal of Modernization in Engineering Technology & Science	e- ISSN: 2582-5208	Other	12-12-2025	A PROJECT REPORT ON AUTOMATIC IRRIGATION SYSTEM	Dhrub Shaw, Anuraag Banerjee, Shashank Sourav, Priya Jha, Dr. Sangeeta Roy
74	IRJMETS	IRJM ETS61 20004 2160	Other	19-12-2025	A PROJECT REPORT ON ENHANCING CREDIT CARD FRAUD DETECTION	Roni Mondal, Asim Barman, Akash Saha, Shreya Roy
75	International Research Journal of Modernization in Engineering Technology and Science	2582-5208	Other	12-12-2025	A Project in Automatic Irrigation System	Anuraag Banerjee, Shashank Sourav, Dhrub Shaw, Priya Jha, Dr. Sangeeta Roy

76	International Advanced Research Journal in Science, Engineering and Technology	ISSN (Online) 2393-8021, ISSN (Print) 2394-1588	Other	11-09-2024	ICT – Pedagogical Principles in Teaching Language with Technology	Priyanka Banerjee, Shreya Mitra, Suchandrika Banerjee
77	International Research Journal of Modernization in Engineering Technology and Science	IRJM ETS61 20004 2160	Other	19-12-2025	A PROJECT REPORT ON ENHANCING CREDIT CARD SECURITY A MACHINE LEARNING APPROACH TO FRAUD DETECTION	Akash Saha, Asim Barman, Shreya Roy, Roni Mondal
78	JOURNAL OF TECHNOLOGY	ISSN - 10123 407	Other	31-07-2025	An emotion detection system using machine learning approach	Partha Pratim Paul, Sourav Nandi, Subhadip Upadhyay, Souvik Kumar Baguli, Rahul Maitra, Dr. Koushik Karmakar

79	JOURNAL OF TECHNOLOGY	ISSN-10123 407	Other	31-07-2025	An Emotion Detection Using Machine Learning Approach	Partha Pratim Paul, Sourav Nandi, Souvik Kumar Baguli, Subhadip Upadhyay, Souvik Saha, Rahul Maitra, Dr. Koushik Karmakar.
80	JOURNAL OF TECHNOLOGY	10123 407	Other	31-07-2025	An emotion detection using machine learning	Partha pratim paul, subhodip upadhay,Sou vik Saha,Sourav Nandi,Souvi k kumar Baguli
81	JOURNAL OF TECHNOLOGY	ISSN: 10123 407	Other	31-07-2025	An emotion detection system using machine learning approach	Partha Pratim Paul, Sourav Nandi, Souvik Kumar Baguli, Rahul Maitra, Souvik Saha, Dr. Koushik Karmakar

82	Grenze International Journal of Engineering and Technology (GIJET)	2395-5295(Online); 2395-5287(Print)	SCOPUS	20-07-2025	Expanding the Knowledge on Machine Learning: Explainable Models for Smarter Decisions	Shreya Jha , Rajarshi Mondal , Niloy Avro Mondal , Debjit Mondal , Shreyashi Saha , Md Tauhid Alam , Sagarika Chowdhury
83	Springer	NA	SCOPUS	25-02-2025	Unlocking the Heart: Precision Analytics and Advanced Insights Redefining Cardiovascular Wellness	Shreya Adak , Christina Hira , Sanandita Biswas, Srinjoy Roychowdhury, Dr. Chandrima Chakrabarti, Ananya Banerjee
84	NA	NA	SCOPUS	23-02-2025	Unlocking the Heart: Precision Analytics and Advanced Insights Redefining Cardiovascular Wellness	Shreya Adak , Christina Hira , Sanandita Biswas, Srinjoy Roychowdhury , Dr. Chandrima Chakrabarti, Ananya Banerjee
85	Scopus Indexed Journal	2147-6799	SCOPUS	09-07-2025	Prediction of Blood Pressure Using Machine Learning	Sirsho Das, Subir Kumar Roy, Soumyajit Chakraborty, Prianka Dey, Dwaipayan Ghosh

86	Journal of Emerging Technologies and Innovative Research	eISSN : 2349-5162	UGC-Care I only	25-06-2025	Automatic Modulation Classification: An Optimal Approach For Telemedicine	Aman Singh, Sandhya Pattanayak, Nimish Adarsh, Rajdip Sen, Ratul Singha, Anuska Gayen
87	International Advanced Research Journal in Science, Engineering and Technology	ISSN (Online) 2393-8021 / ISSN (Print) 2394-1588	Other	03-09-2024	Big Bang Theory: Origin of Our Universe	Dr. Susmita Karan, Mumta Panijyar, Jasbir Singh
88	International Research Journal of Modernization in Engineering Technology and Science	e-ISSN: 2582-5208	Other	05-05-2025	IMAGE SUPER RESOLUTION USING DEEP LEARNING TECHNOLOGY	Sebayan Bhattacharjee, Soham Chakraborty, Dr. Sangita Roy
89	International Research Journal of Modernization in Engineering Technology and Science	e-ISSN: 2582-5208	Other	09-09-2025	EFFICIENT DIFFUSION SR WITH RESIDUAL SHIFTING	Sebayan Bhattacharjee, Dr. Sangita Roy

90	International Research Journal of Modernization in Engineering Technology and Science	e-ISSN: 2582-5208	Other	12-12-2025	ENHANCED DETAIL RECONSTR UCTION THROUGH SUPER- RESOLUTIO N GENERATIV E ADVERSARI AL NETWORKS	Sebayan Bhattacharje e, Soham Chakraborty, Argha Sen, Abhipriyo Nandy, Dr. Sangita Roy
91	International Research Journal of Modernization in Engineering Technology and Science	2582-5208	Other	12-12-2025	ENHANCED DETAIL RECONSTR UCTION THROUGH SUPER- RESOLUTIO N GENERATIV E ADVERSARI AL NETWORKS	Sebayan Bhattacharje e, Soham Chakraborty, Argha Sen, Abhipriyo Nandy, Dr. Sangita Roy
92	Indian Journal of Physics	NA	WoS	26-04-2025	Disease Identification and Confirmation using a Two- layer Machine Learning Approach for Rural Healthcare	Md Ashifuddin Mondal, Aritra Pal, Aritra Rana, Pritam Bhuiya, Rohit Malik, Isan Agniswar Banerjee

93	International Advanced Research Journal in Science, Engineering and Technology	ISSN (Online) 2393-8021 ISSN (Print) 2394-1588	UGC-Care I only	01-09-2024	Dynamical behaviour of Norovirus: A Mathematical Approach	Nikhilesh Sil, Soumik Saha, Soumik Singha Roy and Dibyendu Biswas
94	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	2581-9429	Other	01-07-2025	Computer Vision: The Era of Automation	Shreya Bhar , Sukalyan Porey , Kusum Majhi , Rupsa Das , Debrupa Pal
95	Journal of Emerging Technologies and Innovative Research (JETIR)	ISSN-2349-5162	UGC-Care I only	29-06-2025	SELF SUFFICIENT STUDENT LEARNING MANAGEMENT SYSTEM	Soumik Saha, Divya Ghoshal, Anunay Das Bairagya, Soumen Goswami, Apurbo Mallick, Arpita Santra
96	Indian Journal of Physics	NA	WoS	26-04-2025	Disease Identification and Conformation Using a Two-Layer Machine Learning Approach for Rural Healthcare	Md Ashifuddin Mondal, Aritra Pal, Aritra Rana, Pritam Bhuiya, Rohit Malik, Isan Agniswar Banerjee

97	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	2581-9429	Other	01-07-2025	Computer Vision: The Era of Automation	Srinjoy Saha , Shreya Bhar , Sukalyan Porey , Kusum Majhi , Rupsa Das , Debrupa Pal
98	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	2581-9429	Other	01-07-2025	Computer Vision: The Era of Automation	Srinjoy Saha , Shreya Bhar , Sukalyan Porey , Kusum Majhi , Rupsa Das , Debrupa Pal
99	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT) Science, Communication and Technology (IJARSCT)	2581-9429	Other	01-07-2025	Computer Vision: The Era of Automation	Srinjoy Saha , Shreya Bhar , Sukalyan Porey , Kusum Majhi , Rupsa Das , Debrupa Pal
100	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	2581-9429	Other	01-07-2025	Computer Vision: The Era of Automation	Srinjoy Saha , Shreya Bhar , Sukalyan Porey , Kusum Majhi , Rupsa Das , Debrupa Pal

101	International Research Journal of Modernization in Engineering Technology and Science	2582-5208	Other	17-07-2025	https://www.irjmets.com/uploadedfiles/paper//issue_7_july_2024/43589/final/fin_irjmets1690460626.pdf	Swasti Sundar Mistry, Rajnish Kumar, Sukalyan Porey, Tulika Roy, Sucheta Mukherjee, Debang Paul Chowdhury, Debrupa Pal
102	International Research Journal of Modernization in Engineering Technology and Science	2582-5208	Other	07-07-2025	NEW TECHNOLOGIES ON WEB DEVELOPMENT	Swasti Sundar Mistry, Rajnish Kumar, Sukalyan Porey, Tulika Roy, Sucheta Mukherjee, Debang Paul Chowdhury, Debrupa Pal
103	International Research Journal of Modernization in Engineering Technology and Science	2582-5208	Other	07-07-2025	NEW TECHNOLOGIES ON WEB DEVELOPMENT	Swasti Sundar Mistry, Rajnish Kumar, Sukalyan Porey, Tulika Roy, Sucheta Mukherjee, Debang Paul Chowdhury, Debrupa Pal

104	International Research Journal of Modernization in Engineering Technology and Science	2582-5208	Other	07-07-2025	NEW TECHNOLOGIES ON WEB DEVELOPMENT	Swasti Sundar Mistry, Rajnish Kumar, Sukalyan Porey, Tulika Roy, Sucheta Mukherjee, Debangana Paul Chowdhury, Debrupa Pal
105	International Research Journal of Modernization in Engineering Technology and Science	2582-5208	Other	07-07-2025	NEW TECHNOLOGIES ON WEB DEVELOPMENT	Swasti Sundar Mistry, Rajnish Kumar, Sukalyan Porey, Tulika Roy, Sucheta Mukherjee, Debrupa Pal
106	International Research Journal of Modernization in Engineering Technology and Science	2582-5208	Other	05-08-2025	IOT AND FUTURE RESEARCH IN INTERNET APPLICATIONS: A REVIEW	Doeyl Sah, Sheetal Singh, Debrupa Pal
107	International Research Journal of Modernization in Engineering Technology and Science	2582-5208	Other	05-08-2025	IOT AND FUTURE RESEARCH IN INTERNET APPLICATIONS: A REVIEW	Doeyl Sah, Sheetal Singh, Debrupa Pal

108	Indian Journal of Physics	NA	WoS	26-04-2025	Disease Identification and Confirmation Using a Two-Layer Machine Learning Approach for Rural Healthcare	Md Ashifuddin Mondal, Aritra Pal, Aritra Rana, Pritam Bhuiya, Rohit Malik, Isan Agniswar Banerjee
109	Indian Journal of Physics	NA	WoS	26-04-2025	Disease Identification and Confirmation using a Two-layer Machine Learning Approach for Rural Healthcare	Md Ashifuddin Mondal, Isan Agniswar Banerjee, Pritam Bhuiya, Aritra Pal, Rohit Malik, Aritra Rana
110	Indian Journal of Physics	NA	WoS	26-04-2025	Disease Identification and Confirmation using a Two-Layer Machine Learning Approach for Rural Healthcare	Md Ashifuddin Mondal, Aritra Pal, Aritra Rana, Pritam Bhuiya, Rohit Malik, Isan Agniswar Banerjee
111	Fake News Detector with Real Time Web Scraping	2321-9653	Other	18-12-2025	Fake News Detector with Real Time Web Scraping	Pritam Roy, Smarcho Chowdhury, Swarnadeep Sen, Saptarshi Sarkar
112	Big Bang Theory - The origin of our Universe	2393-8021	Other	03-09-2024	Big Bang Theory - The origin of our Universe	Mamta Panjiyara, Jasbir Singh, Susmita Karan

113	International Research Journal of Modernization in Engineering Technology and Service's	IRJM ETS61 20004 2160	Other	19-12-2025	A project report on enhancing credit card security a machine learning approach to fraud detection	Asim Barman, Akash Saha, Roni Mondal, Shreya Roy
114	International Journal for Multidisciplinary Research	E-ISSN: 2582-2160	Other	22-05-2025	Application of Artificial Intelligence in HRM	Dr.Sriparna Guha

CONFERENCE

Sl No .	Publication Type	Name of the Journal/Name of the Book (Book Chapter)/Name of the Conference	ISSN / ISBN / NA (Conference Presentation - Yet to be Published)	Indexing of the Published Research Article	Date of the Publication (Published)/Conference Presentation (Yet to be Published)	Title of the Research Article	List of Authors (Comma Separated)
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1	Accepted and Presented in Conference (Yet to be Published)	International Conference on Science, Technology & Communication Skills (TCSCON-2025)	NA	Other	22-02-2025	Impacts of Emission Trading on Generation Scheduling and Electricity Prices.	Abir Dolui, Parichay Biswas, Dipu Mistry, Bishaljit Paul
2	Accepted and Presented in Conference (Yet to be Published)	International Conference on Science, Technology & Communication Skills (TCSCON-2025)	NA	Other	22-02-2025	Implementation of Renewable Energy for Sustainable Development Goal	Abir Dolui, Priyanjali Mukherjee, Bishaljit Paul
3	Conference Proceedings	2024 16th International Conference on Sensing Technology (ICST)	10.1109/ICST59744.2024	SCOPUS	17-12-2024	Development of Autonomous Robot To Perform Multiple Tasks in Agricultural Fields	Bansari Deb Majumder; Joy Halder; Sanmitra Biswas; Joyanta Kumar Roy, Tanmay Sinha Roy
4	Accepted and Presented in Conference (Yet to be Published)	International Conference on Science, Technology & Communication Skills (TCSCON-2025)	NA	Other	22-02-2025	Code Green: It's sustainable revolution, a path to stop global warming	Sanjani Chakraborty, Rudrajit Biswas, Kamalika Banerjee, Bishawjit Halder

5	Accepted and Presented in Conference (Yet to be Published)	International Conference on Science, Technology & Communication Skills (TCSCON-2025)	NA	Other	22-02-2025	The intersection of IOT and environmental monitoring for climate change adaptation	Sriparna Roy, Debanjana Bhattacharjee, Nisha Kumari, Kamalika Banerjee
6	Conference Proceedings	2025 2nd World Conference on Communication & Computing (WCONF)	979-8-3503-9532-7/24/\$31.00 ©2025 IEEE	SCOPUS	17-08-2025	Disease Prediction using Machine Learning	Subham Dubey, Sreerupa Banik, Deba Ghosh, Akash Dey, Rishabh Das, Ipsita Dey, Sagarika Chowdhury, Prianka Dey
7	Accepted and Presented in Conference (Yet to be Published)	3rd International Conference on Advanced Computing and Applications	978-981-97-4798-6	SCOPUS	23-02-2025	A machine learning paradigms for smart health monitoring system	Isan Agniswar Banerjee, Aritra Pal, Mousumi Saha, Suchismita Maiti, Neepa Biswas
8	Accepted and Presented in Conference (Yet to be Published)	International Journal of Computer Sciences and Engineering	2347-2693	Other	15-11-2024	A Review on Big Data Architecture and It's Application for Future Aspect	Srinjoy Saha, Sneha Nej, Rupa Saha, Debmitra Ghosh, Anal Rauth

9	Accepted and Presented in Conference (Yet to be Published)	International Journal of Computer Sciences and Engineering	2347-2693	Other	15-11-2024	A Review on Big Data Architecture and It's Application for Future Aspect	Srinjoy Saha, Sneha Nej, Rupa Saha, Debmitra Ghosh, Anal Rauth
10	Accepted and Presented in Conference (Yet to be Published)	Management and Technology - Issues and Challenges	978-93-91741-99-0	Other	23-11-2024	Sustainable Computing	1Shreya Bhar, 2Rupsa Das, 3Rupa Saha
11	Accepted and Presented in Conference (Yet to be Published)	6th Regional Science and Technology Congress (Region 6), 2024-24	NA	Other	28-12-2024	Unlocking the creative potential of machines: a comprehensive exploration of generative artificial intelligence	Srinjoy Saha, Debrupa Pal
12	Conference Proceedings	Grenze International Journal of Engineering and Technology (GIJET)		SCOPUS	20-07-2025	Depression Prediction using Machine Learning	Mainak Chatterjee, Niladri Kandar, Sagarika Chowdhury, Lekhan Roy, Ritam Karmakar, Soham Ghosh, Siddharth Chakraborty

13	Conference Proceedings	Grenze International Journal of Engineering and Technology (GIJET)		SCOPUS	20-07-2025	Depression Prediction using Machine Learning	Mainak Chatterjee, Niladri Kandar, Sagarika Chowdhury , Lekhan Roy, Ritam Karmakar, Soham Ghosh, Siddharth Chakraborty
14	Conference Proceedings	Grenze International Journal of Engineering and Technology (GIJET)		SCOPUS	20-07-2025	Depression Prediction Using Machine Learning	Dr. Sagarika Chowdhury , Ritam Karmakar, Niladri Kandar, Mainak Chatterjee, Soham Ghosh, Siddharth Chakraborty
15	Conference Proceedings	Grenze International Journal of Engineering and Technology		SCOPUS	20-07-2025	Depression prediction using Machine Learning	Mainak Chatterjee, Ritam Karmakar, Lekhan Roy, Soham Ghosh, Niladri Kandar, Siddharth Chakraborty, Sagarika Chowdhury

16	Conference Proceedings	2025 4th International Conference on Intelligent Technologies (CONIT)	979-8-3503-4990-0	SCOPUS	08-08-2025	Job Candidate Eligibility Prediction using Convolutional Neural Network	Mayank Kumar Shaw, Prianka Dey, Sagarika Chowdhury, Tanmoy Ghosh
17	Conference Proceedings	2nd IEEE International Conference on Data Science and Information System - (ICDSIS-2025)	Electronic ISBN: 979-8-3503-8166-5, Print on	SCOPUS	18-07-2025	Traffic Density Prediction System using Deep Learning	Hritik Verma, Sayan Sarkar, Souranil Sadhukhan, Aniket Mishra, Md. Ashifuddin Mondal
18	Accepted and Presented in Conference (Yet to be Published)	International Conference on Cognitive & Cloud Computing (IC3Com)	NA	SCOPUS	02-08-2025	Offline Signature Verification Methodology Using Convolutional Neural Network	Mr. Digonta Bose, Mrs. Prianka Dey, Mrs. Pushpita Roy
19	Conference Proceedings	Recent Societal Development and Sustainability	ISBN : 978-81-971906-7-4	Other	19-12-2025	Data privacy concerns: navigating data privacy laws in cybercrime investigations: balancing efficiency and individual rights	Abhradip Mandal, Souvik Ghosh, Atanu Ghosh, Soumik Pramanik, Sougata Golder

20	Conference Proceedings	World Conference on Communication & Computing	Electronic ISBN:979-8-3503-1120-4, USB ISBN:979-8-3503-1119-8, Print	SCOPUS	04-09-2024	Personalized Medicine Recommendation and Disease Flagging Model Based on User's Previous Orders	Pritam Bhuiya, Rohit Malik, Aritra Rana, Md. Ashifuddin Mondal
21	Accepted and Presented in Conference (Yet to be Published)	International conference on science, technology & communication skills(tcscon-2025)	NA	Other	22-02-2025	Reliable communication in post disaster environment using delay tolerant network(dtn)	Disha basu, swapnendu kolay, rakesh ghosh, dr. Chandrima chakrabarti, bingshati mondal, ananya banerjee
22	Accepted and Presented in Conference (Yet to be Published)	International conference on science, technology & communication skills(tcscon-2025)	NA	Other	22-02-2025	Reliable communication in post disaster environment using delay tolerant network(dtn)	Krishnendu roy, swapnendu kolay, rakesh ghosh, dr. Chandrima chakrabarti, bingshati mondal, ananya banerjee

23	Conference Proceedings	2025 International Conference on Intelligent Systems for Cybersecurity (ISCS)	979-8-3503-7523-7	SCOPUS	16-08-2025	A New Approach for Prevention of Malicious Attack in Post Disaster Using Delay Tolerant Network	Chandrima Chakrabarti ; Saptarshi Bal; Rishabh Jaiswal; Arbaz Akhtar Ansari
24	Accepted and Presented in Conference (Yet to be Published)	4th International Conference on Mathematical Modeling, Computational Intelligence Techniques and Renewable Energy (MMCITRE - 2025)	NA	SCOPUS	29-05-2025	PROXY AND VPN DETECTOR	Md Javed Raja, Mamun Akhungi, Rohan Rowson, Prianka Dey and Mouli Das
25	Conference Proceedings	1st International Conference on Recent Innovation in Science, Computing and Communication (RISCC 2025)	978-93-6252-497-3	Other	10-07-2025	Integrative Disease Prediction: A Machine Learning Approach for Multi-Disease Diagnosis	Soumajit Dutta, Soumyadip Chakraborty, Trinanjan Pal, Pranay Tewari, Bingshati Mondal
26	Conference Proceedings	NACMAT 2024	978-93-91741-99-0	Other	22-11-2024	Sustainable Computing	Shreya Bhar, Rupsa Das, Mrs. Rupa Saha

27	Accepted and Presented in Conference (Yet to be Published)	Grenze International Journal of Engineering and Technology (GIJET)	2395-5295(Online); 2395-5287(Print)	SCOPUS	20-07-2025	Expanding the Knowledge on Machine Learning: Explainable Models for Smarter Decisions	Shreya Jha , Rajarshi Mondal , Niloy Avro Mondal , Debjit Mondal , Shreyashi Saha , Md Tauhid Alam , Sagarika Chowdhury
28	Conference Proceedings	1st International Conference on Science Technology and Communication Skills(TCSC ON- 2025)	978-81-971906-7-4	WoS, UGC-Care I only	12-06-2025	Revolutionizing Cardiovascular Wellness: Extracting Lucrative Insights with Pioneering Random Forest Model in Precision Cardiology”	Shreya Adak ,Christina Hira ,Sanandita Biswas, Srinjoy Roychowdhury ,Dr. Chandrima Chakrabarti , Ananya Banerjee,Bi ngshati Mondal
29	Accepted and Presented in Conference (Yet to be Published)	Grenze International Journal of Engineering and Technology (GIJET)	2395-5295(Online); 2395-5287(Print)	SCOPUS	20-07-2025	Expanding the Knowledge on Machine Learning : Explainable Models for Smarter Decisions	Shreya Jha, Rajarshi Mondal, Niloy Avro Mondal, Debjit Mondal, Shreyashi Saha, Md Tauhid Alam, Sagarika Chowdhury

30	Accepted and Presented in Conference (Yet to be Published)	Grenze International Journal of Engineering and Technology (GIJET)	2395-5295(Online); 2395-5287(Print)	SCOPUS	20-07-2025	Expanding the Knowledge on Machine Learning : Explainable Models for Smarter Decisions	Shreya Jha, Rajarshi Mondal, Niloy Avro Mondal, Debjit Mondal, Shreyashi Saha, Md Tauhid Alam, Sagarika Chowdhury
31	Accepted and Presented in Conference (Yet to be Published)	Grenze International Journal of Engineering and Technology (GIJET)	2395-5295(Online); 2395-5287(Print)	SCOPUS	7/20/0024	Expanding the Knowledge on Machine Learning : Explainable Models for Smarter Decisions	Shreya Jha, Rajarshi Mondal, Niloy Avro Mondal, Debjit Mondal, Shreyashi Saha, Md Tauhid Alam, Sagarika Chowdhury
32	Accepted and Presented in Conference (Yet to be Published)	Grenze International Journal of Engineering ar	2395-5295(Online); 2395-5287(Print)	SCOPUS	20-07-2025	Expanding the Knowledge on Machine Learning : Explainable Models for Smarter Decisions	Shreya Jha, Rajarshi Mondal, Niloy Avro Mondal, Debjit Mondal, Shreyashi Saha, Md Tauhid Alam, Sagarika Chowdhury

33	Conference Proceedings	National Conference on Multidisciplinary Research (NCMR-2025)	NA	Other	15-01-2025	CardioSpectrum: Comprehensive Myocardial Disease Detection through Integrated ECG Signals and Symptoms based Data	Shreya Adak, Christina Hira, Sanandita Biswas, Srinjoy Roychowdhury, Dr. Chandrima Chakrabarti, Ananya Banerjee, Bingshati Mondal
34	Conference Proceedings	National Conference on Multidisciplinary Research (NCMR-2025)	NA	Other	12-01-2025	CardioSpectrum: Comprehensive Myocardial Disease Detection through Integrated ECG Signals and Symptoms based Data"	Shreya Adak, Christina Hira, Sanandita Biswas, Srinjoy Roychowdhury, Dr. Chandrima Chakrabarti, Ananya Banerjee, Bingshati Mondal

35	Conference Proceedings	1st International Conference on Science Technology and Communication Skills(TCSC ON- 2025)	978-81-971906-7-4	WoS, UGC-Care I only	12-06-2025	Revolutionizing Cardiovascular Wellness: Extracting Lucrative Insights with Pioneering Random Forest Model in Precision Cardiology	Shreya Adak ,Christina Hira ,Sanandita Biswas, Srinjoy Roychowdhury ,Dr. Chandrima Chakrabarti , Ananya Banerjee,Bingshati Mondal
36	Accepted and Presented in Conference (Yet to be Published)	4th International Conference on Machine Learning and Big Data Analytics (ICMLBDA)	NA	SCOPUS	11-05-2025	A Machine Learning Approach for the Detection of Parkinson's Disease	Neelanjana Barman, Prof. Bingshati Mondal, Prof. Chandrima Chakrabarti , Arka Bhattacharya, Shankhik Sarkar, Dipayan Das
37	Conference Proceedings	World Conference on Communication & Computing (WCONF)	Electronic ISBN:979-8-3503-1120-4, USB	SCOPUS	09-04-2024	Personalized Medicine Recommendation and Disease Flagging Model Based on User's Previous Orders	Pritam Bhuiya, Rohit Malik, Aritra Rana, Md. Ashifuddin Mondal

38	Accepted and Presented in Conference (Yet to be Published)	International Conference on Computing and Machine Learning, 2025.	2367-3389	SCOPUS	30-03-2025	Rating Based Sentiment Analysis on Online Mobile Reviews Using Vader Pre-Processing	Tirtha Das, Subhrajit Samanta, Piya Basak, Ishita Bhowmick, Swarnali Daw, Mousumi Saha
39	Accepted and Presented in Conference (Yet to be Published)	International Conference on Computing and Machine Learning, 2025.	2367-3389	SCOPUS	30-03-2025	Rating Based Sentiment Analysis on Online Mobile Reviews Using Vader Pre-Processing	Tirtha Das, Subhrajit Samanta, Piya Basak, Ishita Bhowmick, Swarnali Daw, Mousumi Saha
40	Accepted and Presented in Conference (Yet to be Published)	International Conference on Computing and Machine Learning, 2025.	2367-3389	SCOPUS	30-03-2025	Rating Based Sentiment Analysis on Online Mobile Reviews Using Vader Pre-Processing	Tirtha Das, Subhrajit Samanta, Piya Basak, Ishita Bhowmick, Swarnali Daw, Mousumi Saha,
41	Accepted and Presented in Conference (Yet to be Published)	International Conference on Computing and Machine Learning, 2025.	2367-3389	SCOPUS	30-03-2025	Rating Based Sentiment Analysis on Online Mobile Reviews Using Vader Pre-Processing	Tirtha Das, Subhrajit Samanta, Piya Basak, Ishita Bhowmick, Swarnali Daw, Mousumi Saha

42	Conference Proceedings	World Conference on Communication & Computing (WCONF)	Electronic ISBN:979-8-3503-1120-4, USB	SCOPUS	16-07-2024	Personalized Medicine Recommendation and Disease Flagging Model Based on User's Previous Orders	Pritam Bhuiya, Rohit Malik, Aritra Rana, Md. Ashifuddin Mondal
43	Accepted and Presented in Conference (Yet to be Published)	3rd International Conference on Advanced Computing and Applications	978-981-97-4798-6	SCOPUS	23-02-2025	A machine learning paradigms for smart health monitoring system	Isan Agniswar Banerjee, Aritra Pal, Mousumi Saha, Suchismita Maiti, Neepa Biswas
44	Accepted and Presented in Conference (Yet to be Published)	International Conference on Machine Learning and Big Data Analytics (ICMLBDA) 2025	Conference Presentation - Yet to	SCOPUS	08-01-2025	New Route Discovery Algorithm in Delay Tolerant Network for Post Disaster Management	Samanwoy Choudhury, Chandrima Chakrabarti, Priyanshu Deb, Debajit Dutta
45	Accepted and Presented in Conference (Yet to be Published)	International Conference on Machine Learning and Big Data Analytics (ICMLBDA) 2025	Conference Presentation - Yet to be Published	SCOPUS	09-01-2025	A Machine Learning Approach for the Detection of Parkinson's Disease	Neelanjana Barman, Bingshati Mondal, Chandrima Chakrabarti, Arka Bhattacharya, Dipayan Das, Shankhik Sarkar

46	Accepted and Presented in Conference (Yet to be Published)	ICEMSSD-2025	Conference Presentation - Yet to	SCOPUS	22-01-2025	Detection of Malevolent Attack Using Delay Tolerant Network During Post Disaster	Saptarshi Bal, Chandrima Chakrabarti, Rishabh Jaiswal, Arbaz Akhtar Ansari
47	Accepted and Presented in Conference (Yet to be Published)	International Conference on Power Electronics, Intelligent Control, and Energy Systems IEEE-ICPEICES-2025	Conference Presentation - Yet to be Published	SCOPUS	09-01-2025	Elevate Your Heart's Wellness: A Cutting-Edge Web Platform Unleashing the Power of Machine Learning for Personalized Heart Attack Prediction	Chandrima Chakrabarti, Snehaddeep De, Nabamita Bose, Ananya Banerjee, Sayan Bhattacharjee, Rohan Paul

BOOK CHAPTER

Sl No	Name of the Journal / Name of the Book (Book Chapter)/Name of the Conference	ISSN / ISBN / NA (Conference Presentation - Yet to be Published)	Indexing of the Published Research Article	Date of the Publication	Title of the Research Article	List of Authors (Comma Separated)
1	Recent Societal Development and Sustainability	978-81-971906-7-4	Other	01-06-2025	Floral Interventions: Catalyzing Green and Sustainable Restoration in Environmental Conservation	Bikas Mondal, Sanghamitra Layek, Payel Mondal, Devdipro Bhaduri
2	"SeeSR: The Future of Image Super-Resolution"	NA (Yet to be Published)	Other	19-12-2024	"SeeSR: The Future of Image Super-Resolution"	Low Kumar Chowdhury [B-Tech ECE], Ayan Pal [B-Tech ECE], Srinjoy Mukherjee [B-Tech ECE], Sweta Kri Singh [B-Tech ECE], Dr. Sangita Roy [Mentor]

3	SEESR-The future of image resolution	NA	Other	12/09/2024	SEESR-The future of image resolution	Low Kumar Chowdhury [B-Tech ECE], Ayan Pal [B-Tech ECE], Srinjoy Mukherjee [B-Tech ECE], Sweta Kri Singh [B-Tech ECE], Dr. Sangita Roy [Mentor]
4	"SeeSR: The Future of Image Super-Resolution"	NA - Yet to be Published	Other	19-12-2024	SeeSR: The Future of Image Super-Resolution	Low Kumar Chowdhury, Ayan Pal, Srinjoy Mukherjee, Sweta kri Singh, Dr. Sangita Roy
5	ADVANCED ROBOTICS IN DEFENCE AND MEDICAL APPLICATIONS	978-93-6252-060-9	Other	25-02-2025	ADVANCED ROBOTICS IN DEFENCE AND MEDICAL APPLICATIONS	Ms. Susmita Das, Niladri Ganguly, Soumayadeep Pal, Parthib Banerjee, Avrajeet Ghosh, Ankita Show, Raktim Dutta, Ankita Kundu, Santanu Chowdhury
6	1st International Conference on Recent Innovation in Science, Computing and Communication (RISCC 2025), 19th - 20th April, 2025	978-93-6252-497-3	Other	19-04-2025	Recent Trends on Machine Vision for Ophthalmic Wellness	Shreya Mitra, Srinjoy Mitra, Piuli Saha, Mahi Mahendra Gupta, Swastika Nandan, Akash Maity, Dr. Sagarika Chowdhury.

7	SeeSR: The Future of Image Super-Resolution	Yet to be published	UGC-Care I only	19-12-2024	SeeSR: The Future of Image Super-Resolution	Srinjoy Mukherjee,Low Kumar Chowdhury,Ayan Pal,Sweta Kri Singh
8	Recent Societal Development and Sustainability	9.7882E+12	Other	26-06-2025	Use of AI in air pollution research: An analysis	Indrani Sarkar, Soma Mukherjee, Gargi Bose, Akash Mondal
9	Recent Societal Development and Sustainability	9.7882E+12	Other	26-06-2025	Smart Dustbin for Waste Management and Environmental Sustainability	Partha Pratim Paul, Gargi Bose, Sarbani Ganguly, Rupa Bhattacharya, Susmita Das
10	Recent Societal Development And Sustainability	978-81-971906-7-4	Other	26-06-2025	Use of AI in Air Pollution Research: An analysis	Indrani Sarkar, Soma Mukherjee, Gargi Bose, Akash Mondal
11	Artificial Intelligence for Wireless Communication Systems Technology and Applications(Chapter Name: AI-Empowered Social Internet of Things and Crowdsensing Applications)	ISBN 9781032576671	Other	16-10-2024	AI-Empowered Social Internet of Things and Crowdsensing Applications	Sujoy Das, Koushik Karmakar, Jyoti Sekhar Banerjee, Panagiotis Sarigiannidis

12	1st International Conference on Recent Innovation in Science, Computing and Communication (RISCC 2025), 19th - 20th April, 2025 (Vol1)	978-93-6252-497-3	Other	10-07-2024	Impact of IoT (Internet of Things) on Cyber Security	Prof. Bingshati Mondal, Gunjan Saha, Anish Halder, Kushal Mondal, Sarthak Medda, Arghya Biswas
13	1st International Conference on Recent Innovation in Science, Computing and Communication (RISCC 2025), 19th - 20th April, 2025 (First Volume)	978-93-6252-497-3	Other	20-04-2025	Impact of IoT (Internet of Things) on Cyber Security	Ankana Saha, Gunjan Saha, Ms. Bingshati Mondal, Anish Halder, Kushal Mondal, Arghya Biswas, Sarthak Medda
14	1st international Conference on recent innovation	978-93-6252-497-3	Other	20-04-2025	Impact of IOT(Internet of Things) Cyber security	Ankana Saha, Gungan Saha, Bingshati Mondal , Sarthak Medda, Anish Halder, Kushal Mondal, Arghya Biswas

15	1st International Conference on Recent Innovation in Science, Computing and Communication (RISCC 2025), 19th-20th April, 2025 (First Volume)	978-93-6252-497-3	Other	20-04-2025	Impact of IoT (Internet of Things) on Cyber Security	Ankana Saha, Gunjan Saha, Ms. Bingshati Mondal, Anish Halder, Kushal Mondal, Arghya Biswas, Sarthak Medda
16	1st International Conference on Recent Innovation in Science, Computing and Communication (RISCC 2025), 19th - 20th April, 2025	978-93-6252-497-3	Other	19-04-2025	Recent Trends on Machine Vision for Ophthalmic Wellness	Shreya Mitra, Srinjoy Mitra, Piuli Saha, Akash Maity, Swastika Nandan, Mahi Mahendra Gupta, Dr. Sagarika Chowdhury
17	1st International Conference on Recent Innovation in Science, Computing and Communication (RISCC 2025), 19th - 20th April, 2025	978-93-6252-497-3	Other	19-04-2025	Recent Trends on Machine Vision for Ophthalmic Wellness	Shreya Mitra, Srinjoy Mitra, Piuli Saha, Akash Maity, Mahi Mahendra Gupta, Swastika Nandan, Dr. Sagarika Chowdhury

18	1st International Conference on Recent Innovation in Science, Computing and Communication (RISCC 2025), 19th - 20th April, 2025	978-93-6252-497-3	Other	19-04-2025	Recent Trends on Machine Vision for Ophthalmic Wellness	Shreya Mitra, Srinjoy Mitra, Piuli Saha, Mahi Mahendra Gupta, Swastika Nandan, Akash Maity, Dr. Sagarika chowdhury
19	1st International Conference on Recent Innovation in Science, Computing and Communication (RISCC 2025), 19th - 20th April, 2025	978-93-6252-497-3	Other	19-04-2025	Recent Trends on Machine Vision for Ophthalmic Wellness	List of authors: Shreya Mitra, Srinjoy Mitra, Piuli Saha, Mahi Mahendra Gupta, Swastika Nandan, Akash Maity, Dr. Sagarika chowdhury
20	1st International Conference on Recent Innovation in Science, Computing and Communication (RISCC 2025),	978-93-6252-497-3	Other	19-04-2025	Recent Trends on Machine Vision for Ophthalmic Wellness	Shreya Mitra, Srinjoy Mitra, Piuli Saha, Mahi Mahendra Gupta, Swastika Nandan, Akash Maity, Dr. Sagarika chowdhury

21	1st International Conference on Recent Innovation in Science, Computing and Communication (RISCC 2025), 19th - 20th April, 2025 (First Volume)	978-93-6252-497-3	Other	20-04-2025	Impact of IoT (Internet of Things) on Cyber Security	Ankana Saha, Gunjan Saha, MS. Bingshati Mondal, Anish Halder, Kushal Mondal, Arghya Biswas, Sarthak Medda
22	Artificial Intelligence for Wireless Communication Systems: Technology and Applications	9.78103E+12	Other	16-11-2024	AI-Empowered Social Internet of Things and Crowdsensing Applications	Arka Gain
23	1st International Conference on Recent Innovation in Science, Computing and Communication (RISCC 2025), 19th - 20th April, 2025 (Vol1)	978-93-6252-497-3	Other	20-04-2025	Impact of IoT (Internet of Things) on Cyber Security	Prof. Bingshati Mondal, Gunjan Saha, Anish Halder, Kushal Mondal, Sarthak Medda, Arghya Biswas

INDUSTRY VISITS

DEPARTMENT	Visited Compny	Date	Number of Students
BA	BSE training institute	14th July, 2024	47
CA	Ardent Computech Pvt. Ltd., Salt Lake, Sector V.	21st July, 2024	38
CSE	ARDENT COMPUTECH PVT. LTD	24th, 26th and 28th July, 2024	134
EE	Parle G, Dhulagarh	11th August 2024	56
EE	220kV substation of WBSETCL and State Load Dispatch Centre (SLDC)	18th August 2024	10
EE	New Town Kolkata Water Treatment Plant, Govt. of West Bengal	13th September 2024	65
CA	Euphoria GenX, Salt Lake City, Kolkata	15th September 2024	58
EE	Coca Cola, Diamond Beverages Pvt Ltd	15th September 2024	40
EIE	Central Glass & Ceramic Research Institute (CGCRI) Kolkata,	29th September, 2024	30
CA	Euphoria GenX, Salt Lake City, Kolkata	9th October, 2024	42
CST	Webskitters Technology Solutions Pvt. Ltd	11th October, 2024	26
ECE	Electronics Regional Test Laboratory (ERTL) in Kolkata	18th October 2024	16
ME	Central Tool Room MSME	February 6th, 2025	32
BA	ITC Limited in Uluberia, Howrah	28-Mar-25	45
EE	Kolaghat Thermal Power Station (KTPS)	4th April 2025	42
ECS	Oil and Natural Gas Corporation Limited (ONGC), Drilling Site at Ranaghat	10th April.2025	16

ECE	Variable Energy Cyclotron Centre (VECC), Saltlake, Kolkata	12-Apr-25	24
ECE	Kolaghat Thermal Power Station (KTPS)	19th April 2025	20
EE	Parle G, Dhulagarh	09th May, 2025	52

National Social Service (NSS) Activities

The National Service Scheme (NSS) was officially started in the year 1969, to establish a meaningful linkage between the campus and the community. The vision is to build the youth with the mind and spirit to serve the society and work for the uplift of our country as a movement.

- Social services are a range of public services provided by any national or regional government organization for its residents, including such things as health care, public housing, social care and social security.
- According to Web definition, it is an organized activity to improve the condition of disadvantaged people in society.
- According to Merriam Webster, „Social service is an activity designated to promote social well-being specifically organized Philanthropic assistance to disadvantaged“.

After independence the University Grants Commission, headed by S. Radhakrishnan, recommended the introduction of voluntary national service in academic institutions. This idea was again considered by the Central Advisory Board of Education (CABE) at its meeting in January, 1950. Mahatma Gandhi, the Father of the Nation, had recognised that the country could not progress in a desired direction until the student youth were motivated to work for the upliftment of the villages/community. For Gandhiji, the villages, where majority of the population living, represent the country. Therefore, for the national reconstruction and national resurgence it was deemed fit that the students and teachers should be properly sensitised and utilised for strengthening the Indian society as a whole with particular emphasis on rural community. Therefore, student youth, teachers and the community are considered as the three basic components of the National Service Scheme. After examining the idea and the experiences of other countries in this field, the board recommended that students and teachers should devote time to voluntary manual work. In 1958 Jawaharlal Nehru, in a letter to the chief ministers, considered the idea of social service as a prerequisite for graduation. It was directed the Ministry of Education to formulate a suitable scheme for the introduction of national service into academic

institutions. The Education Commission (headed by D.S. Kothari from 1964–1966) recommended that students at every stage of education should be associated with some form of social service. In a government statement of national policy on education, it was stated that work experience and national service should be an integral part of education.

The National Service Scheme has been functioning with the motto “NOT ME BUT YOU” in view of making the youth inspired in service of the people and hence NSS Aims Education through Community Service through Education.

Social services are a range of public services provided by any national or regional government organization for its residents, including such things as health care, public housing, social care and social security. According to Web definition, it is an organized activity to improve the condition of disadvantaged people in society. We stay true to our mission by realigning our wide-ranging roles with five new strategic thrusts to better meet tomorrow’s social needs. Expanding on our responsibilities as a membership body, we strive to be the voice of the sector and an advocate for underserved needs. We enhance social services, pioneer innovative programs, improve service delivery and efficacy, and increase corporate and community engagement to match capabilities and needs. Our multidirectional efforts to raise capabilities, mobilize resources and provide funding to scale up the sector’s competencies have a key goal in mind – assisting our members to create lasting positive impact. Therefore, for the national reconstruction and national resurgence it was deemed fit that the students and teachers should be properly sensitized and utilized for strengthening the Indian society as a whole with particular emphasis on rural community. Therefore, student youth, teachers and the community are considered as the three basic components of the National Service Scheme.

Vision:

The vision is to build the youth with the mind and spirit to serve the society and work for the uplift of our country as a movement.

Purpose:

To ensure that every person has the opportunity to live a life of dignity to his or her fullest potential within society.

Mission:

To provide leadership and direction in social services, enhance the capabilities of social service organizations, and promote strategic partnerships for social services. The National Service Scheme has been functioning with the motto “NOT ME BUT YOU” in view of making the youth inspired in service of the people and hence NSS Aims Education through Community Service through Education.

Objectives of NSS:

- To develop confidence for self-education for lifelong learning of advancements being happened around the world.
- To understand the community in which they work
- To understand themselves in relation to their community
- Identify the basic needs and problems of the community
- Develop among themselves a sense of civic responsibility
- Develop competence required for group living and responsibilities
- Gain skills in mobilizing community participation
- To acquire leadership quality
- To develop capacity to meet emergencies
- Practice national integration and social harmony.
- To exhibit the professional knowledge and accepting ethical responsibility to the problems of industry and society.
- To develop professional, ethical attitude, team building skills and multi-disciplinary approach to demonstrate the ideal behavioral qualities while leading the team for deriving maximum productivity.
- To develop consciousness in the issue of social concerns and enabling students to upgrade their personality and experience through community services to have a meaningful linkage between the Institution and Society

NSS SYMBOL

The EIGHT BARS IN THE WHEEL represent the 24 Hours of a day.

The RED colour indicates, active, energetic and full of high spirit.

The NAVY BLUE colour indicates the cosmos of which the NSS is, tiny part, ready to contribute its share for the welfare of the mankind.



Core Values **PASSION** We are driven to help make a difference in the lives of the people we serve. **PEOPLE** We enable the people we serve, our volunteers and staff to realize their fullest potential. **PRODUCTIVITY** We pursue excellence through continuous learning and improvement. **PARTNERSHIP** We engage in „win-win“ partnerships always for the benefit of the people we serve.

Why Technical Persons Intended to do Social Service?

- In any developmental work people are the most important stakeholders. It is so because of the fact that all developments need to help some targeted population, be it in the realm of health, education, water supply, drainage/sewerage or any other engineering facts.
- Engineers per say one of the major couriers right from the post-independence era.
- Growing influence of globalization and participation of all the development stakeholders has been more pronounced.
- In any kind of developmental process, careful and specific planning to help the stakeholders both from the angle of participation and implementation.
- Today with the rapid advancement of ICT, this need has become manifold. The actual implementers need to know both the environment and population in a holistic manner.
- In today’s world, this is most important because the executors must learn to know and analyze the actual ground reality from a better return to the society.

Typical NSS projects which are conducted within college Campus are as follows:

1. Tree plantation
2. Plastics eradication from college campus
3. Literacy classes
4. AIDS Campaigning Workshop

The students of Narula Institute of Technology are also involving in different types of social work such as

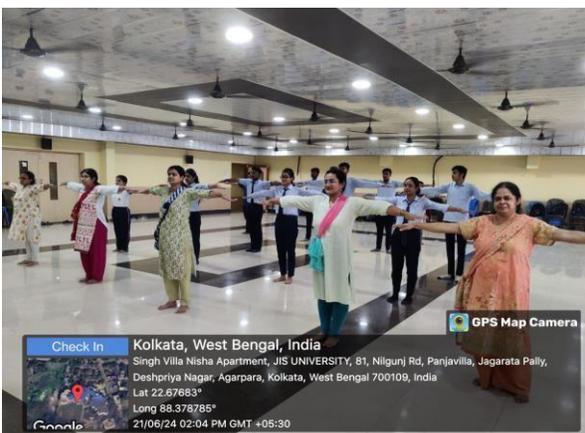
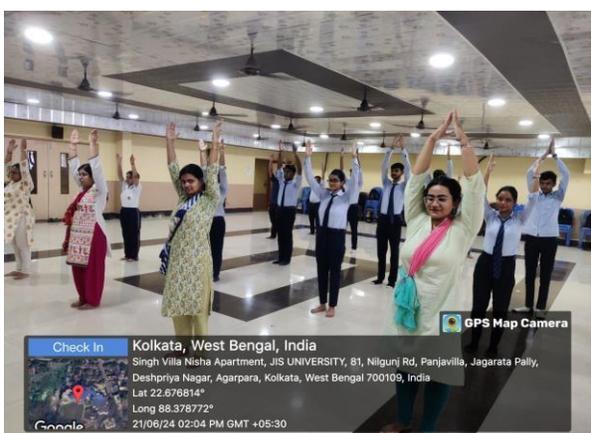
- To plant trees inside college campus and their home.
- Making Fast aid box
- Making different things using waste material- Waste management.
- Designing flex for laboratory.
- Writing moral & great people stories and making different posters regarding awareness of Anti-Smoking, Anti-Ragging, Global Warming, Anti-Dowry etc.
- Modeling of Thermal Power Plant.
- Surveying nearest slum area & preparing a report of their educational and social status:
 - How many people of the area are primary educated or doing higher studies?
 - How many of them are suffering from fatal & acute disease?
 - Number of members in each family & so on.
 - All these activities are done in a group. Every group has group leader & progression of work is informed by the group leader.

CELEBRATION OF INTERNATIONAL YOGA DAY

Objective of the Event: To aware the people and students about the several benefit of yoga
Number of Participant: 153 Description of the program:

The International Day of Yoga is celebrated every year on 21st June to raise awareness worldwide about the benefits of Yoga in daily life. Yoga brings balance between body, soul and mind. It helps us to understand the purpose of life and how to survive in the changing environment.

After the pandemic, the NSS unit organized the International Yoga Day in the institute premises on 21st June,2025. The students and Faculty members performed several Asanas, Deep breathing, Meditation and at the end they chanted Onkar dhani. The NSS Unit has also organised yoga sessions in previous months in association with Sahaja Yoga Meditation center through virtual mode where students and faculty members participated whole heartedly.



Outcome of the Program: Students, Faculty and staff members are benefitted and become stress and anxiety free.

TREE PLANTATION

Objective of the Program: The primary objective of the tree plantation event was to contribute to the environmental well-being by increasing the green cover on the institute's campus. Additionally, the event sought to instill a sense of responsibility and environmental consciousness among the participants.

Number of Participants: 267

Description of the Program: The tree plantation event commenced at 11:30 AM in the open grounds adjacent to the academic block. Principal Sir of Narula Institute of Technology inaugurated the event by planting the first sapling. This symbolic gesture set the tone for the enthusiastic participation of students, faculty, and staff.

Participants were divided into groups; each assigned a specific area within the campus for plantation. Experienced volunteers and members of the organizing committee provided guidance on the proper techniques for planting and caring for the saplings.





Outcome of the Program:

The initiative not only contributed to the beautification of the campus but also left a lasting impact on the minds of the participants. Such events play a pivotal role in nurturing a generation of environmentally conscious individuals who understand and appreciate the importance of sustainable practices.

SWACHH BHARAT ABHIJAN TO REMOVE PLASTIC FROM SOCIETY

Objective of the Event: promote awareness about the harmful effects of plastic pollution and to encourage the community to adopt ecofriendly alternatives.

Number of Participant: 73

Description of the program:

On the occasion of World Environment Day, June 5, 2025, the NSS unit of Narula Institute of Technology organized a special camp under the "Swachh Bharat Abhiyan" initiative. The focus of the camp was to promote awareness about the harmful effects of plastic pollution and to encourage the community to adopt eco-friendly alternatives.

The event saw active participation from 73 dedicated students who undertook the mission to remove plastic waste from various areas in and around the campus and nearby localities. Armed with gloves, garbage bags, and a strong determination, the students cleaned parks, streets, and public places that were littered with plastic waste.

To further the cause, the students engaged with local residents and shopkeepers, educating them about the adverse environmental impacts of single-use plastics. They distributed pamphlets highlighting the benefits of switching to biodegradable and reusable materials. The slogans like "Beat Plastic Pollution," "Say No to Plastic Bags," and "Go Green, Live Clean" resonated with the public and drew significant attention.

The camp also included interactive sessions where students demonstrated simple ways to reduce plastic usage in daily life. Many community members, inspired by the initiative, pledged to minimize their reliance on plastic and support the Swachh Bharat Abhiyan.

The Principal of Narula Institute of Technology commended the efforts of the NSS unit and emphasized the importance of collective action in preserving the environment. The event concluded with a commitment from both students and residents to continue working towards a plastic-free society.



Outcome of the program: The camp was a great success, reinforcing the need for sustainable practices and leaving a positive impact on the community. The event concluded with a commitment from both students and residents to continue working towards a plastic-free society.

"PLASTIC – BOON OR BANE FOR THE SURVIVAL OF MOTHER EARTH"

Objective of the Event:

To raise awareness and inspire collective action towards environmental protection, sustainability, and the preservation of our planet for future generations.

Number of Participant: 273

Description of the program:

The NSS Unit of Narula Institute of Technology organized an insightful seminar titled "*Plastic – Boon or Bane for the Survival of Mother Earth*" on 22nd April 2025, coinciding with Earth Day. The event aimed to raise awareness about the environmental impact of plastic and explore sustainable alternatives for a healthier planet.

The seminar began with a welcome address by the NSS Convener, who emphasized the significance of Earth Day and the pressing need to address plastic pollution.

Expert Speakers:

Eminent Professor, Dr. Sarbani Mitra, Professor Head MBA-HRM, IISWBM were invited to share their perspectives.

Topics covered included:

The history and utility of plastic in modern life.

The devastating effects of plastic waste on ecosystems and biodiversity. Innovations in biodegradable and eco-friendly materials as alternatives. Students actively participated in discussions, voicing their concerns and proposing innovative ideas to reduce plastic dependency. They also shared personal initiatives, such as waste segregation and up cycling projects, which inspired others to take action.

The seminar concluded with a pledge by all participants to minimize plastic usage in their daily lives and spread awareness about sustainable practices.

The event was a resounding success, with 273 students actively engaging in the discussions and committing to being responsible stewards of the environment.

Outcome of the Program: The seminar concluded with a pledge by all participants to minimize plastic usage in their daily lives and spread awareness about sustainable practices



AWARENESS PROGRAM ON STOP SMOKING

Objective of the Event: The aim of the event was to educate the public about the harmful effects of smoking and tobacco consumption and to encourage a healthier, smoke-free lifestyle.

Awareness: To raise awareness about personal safety.

Number of Participant: 167 **Description of the program:**

The NSS unit of Narula Institute of Technology successfully organized an awareness camp on the theme "Stop Smoking" on March 13, 2025. The primary aim of the event was to educate the public about the harmful effects of smoking and tobacco consumption and to encourage a healthier, smoke-free lifestyle.

The event witnessed the active participation of over 160 enthusiastic students who came together to raise awareness. The students carried vibrant and impactful posters with messages like "Say Stop to Smoking," "Tobacco Kills," and "Choose Life Over Smoke." These posters were not only creative but also thought-provoking, designed to capture attention and convey a strong anti-smoking message.

As part of the initiative, the students organized a rally that traversed through the key areas near the institute. They stood beside several shops selling tobacco products and engaged with shopkeepers and customers, urging them to avoid selling and consuming tobacco. The students also distributed informative pamphlets highlighting the health risks associated with smoking, including lung cancer, heart disease, and respiratory disorders.

The event garnered significant attention from the local community, with many people stopping to interact with the students and expressing their appreciation for the initiative. The shopkeepers were also reminded of the legal and social responsibilities associated with the sale of tobacco products.

The camp concluded with a pledge-taking ceremony, where both students and community members vowed to spread the message of a smoke-free environment. The Principal of Narula Institute of Technology praised the efforts of the NSS unit and emphasized the importance of such initiatives in creating a healthier society.

Outcome of the Program: The event was a resounding success, leaving a lasting impression on the participants and the local community. It served as a powerful reminder of the collective responsibility to combat the harmful effects of smoking and tobacco consumption.



CELEBRATION OF CHILDRENS DAY

Objective of the Event: The event aimed to bring joy and support to underprivileged children in the community, reinforcing the importance of nurturing and empowering young minds.

Number of Participant: 89 Description of the program:

The NSS Unit of Narula Institute of Technology celebrated Children's Day on November 10, 2024, with great enthusiasm and a spirit of service. The event aimed to bring joy and support to underprivileged children in the community, reinforcing the importance of nurturing and empowering young minds.

The celebration witnessed active participation from over 89 students of the institute who joined hands to make the event a success. The activities were organized in a nearby locality where children from economically weaker sections were invited.

The NSS volunteers distributed essential items such as exercise books, copies, stationery, and food to the needy children. The distribution was accompanied by interactive sessions where volunteers encouraged the children to value education and shared stories about the importance of learning and perseverance.

To make the event more engaging, the volunteers organized fun activities like drawing competitions, games, and storytelling sessions, which brought smiles to the faces of the children. The event not only provided material support but also created an atmosphere of warmth and care.

The Principal of Narula Institute of Technology appreciated the efforts of the NSS unit and emphasized the importance of giving back to society. The children expressed their gratitude with cheerful smiles and heartfelt thanks, making the event truly rewarding for everyone involved.

Outcome of the Program: The Children's Day celebration was a meaningful initiative, spreading happiness and reinforcing the institute's commitment to social responsibility. It was a day filled with joy, learning, and hope for a brighter future.



OLD AGE HOME VISIT

Objective of the Event:

Enhancing the well-being of elderly residents through compassionate companionship and meaningful engagement during Old Age Home visits.

Number of Participant: 127

Description of the program:

Conversations with the elderly revealed a wealth of life experiences and wisdom. Many residents expressed gratitude for the companionship they found in each other, emphasizing the importance of social connections in their later years. While some faced health challenges, their positive attitudes and the support network within the home seemed to contribute significantly to their overall well-being. This visit underscored the significance of initiatives that prioritize the dignity, happiness, and holistic care of the elderly, reinforcing the importance of community engagement and support for our senior citizens.

The visit highlighted the importance of addressing the emotional and social needs of the elderly. While the facility provided essential care, it also emphasized the significance of regular visits from volunteers and the community at large. Loneliness was a common theme among the residents, making initiatives to engage them in various activities crucial. Overall, the visit underscored the significance of recognizing and respecting the elderly population, valuing their contributions, and ensuring their well-being in the later stages of life.

Outcome of the Program: Bringing Joy and Companionship to Brighten Golden Years.





NEW CLOTH DISTRIBUTION EVENT SLUM AREA CHILDREN

Objective of the Event:

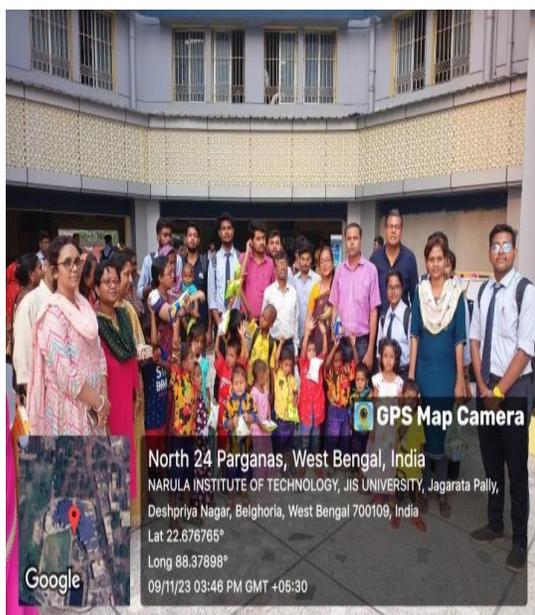
Distribute clothes to improve the well-being and dignity of people who might not be able to buy adequate and clean clothing. Both self-esteem and general quality of life may benefit from this.

Number of Participant: 97

Description of the program:

The NSS unit of Narula Institute of Technology organized a Cloth Distribution Camp on September 9, 2024 for the homeless people living outside Dakshineswar Temple Area. The program was planned to distribute clothes along with food to the underprivileged people.

It was a heart-warming experience as it was filled with emotions and sentiments. The poor street residents were very happy to receive the small token of help extended to them in their daily hard struggling life. They also showered the blessings to the students and faculty members and asked to visit more often. The visit ended with a sense of satisfaction and all the participants returned home after learning a valuable lesson of life. Few pictures are attached herewith.





Outcome of the program:

Clothing distribution aids in giving beneficiaries their dignity and self-worth back. A person's self-perception and how others see them can both be improved by dressing nicely and cleanly.

GANGA GHAT CLEANING CAMP

Objective of the Event:

To aware and importance of the people and students about the cleanness of Ganga.

Number of Participant: 127

Description of the program:

NSS unit of Narula Institute of Technology organized an awareness campaign on September 27, 2024, focusing on the cleanliness of the Ganga River. The campaign aimed to educate people, especially students, on the critical need for maintaining the cleanliness of this sacred river and the vital role it plays in the ecosystem and the lives of millions. As a part of the awareness campaign, a cleaning drive was initiated at Ranaghat along the banks of the Ganga. Volunteers collected plastic waste, litter, and other pollutants that had accumulated along the riverbank. The collected waste was segregated for proper disposal and recycling.

Volunteers interacted with the public, explaining the harmful effects of pollution on the river and its surroundings, highlighting how it affects the environment, human health, and biodiversity. The public was informed about the measures that can be taken to reduce pollution, including the proper disposal of waste, avoiding the immersion of idols made from non-biodegradable materials, and discouraging the dumping of chemical waste.



Outcome of the Program:

The event raised significant awareness about the importance of keeping the Ganga clean and the environmental dangers posed by pollution.

WORKSHOP ON WASTE MANAGEMENT

Objective of the Event:

To aware the people and students about the several benefit of waste material uses.

Number of Participant: 157

Description of the program:

On 25th September, Narula Institute of Technology organised NSS Day Celebration with a session on 'Role of NSS: A Nation Building Approach for Holistic Development' with Mr. Vinay Kumar, Regional Director, Department of Youth & Sports affairs, Government of India. A Project Competition and Poster Exhibition on Waste Management was also arranged with the objective to encourage innovative and sustainable solutions to address the pressing issue of waste management. The event witnessed enthusiastic participation from students who presented their unique projects aiming to tackle various aspects of waste management. The competition aimed to foster creativity and promote awareness about environmental challenges among young minds.

Outcome of the Program:

Students, Faculty and staff members are benefitted to use waste materials.



HEALTH AWARENESS PROGRAM

Objective of the Event:

To create awareness about key health issues such as hygiene, nutrition, mental health, and disease prevention.

Number of Participant: 49

Description of the program:

The NSS Unit of Narula Institute of Technology organized a Health Awareness Program through an engaging Poster Presentation on [insert date]. The program aimed to educate and inspire individuals about various health-related topics while promoting awareness within the community.

Highlights of the Program:

Poster Exhibition: The students presented visually appealing and informative posters on a wide range of health topics, including:

Balanced diet and nutrition.

Importance of physical activity.

Mental health awareness and stress management.

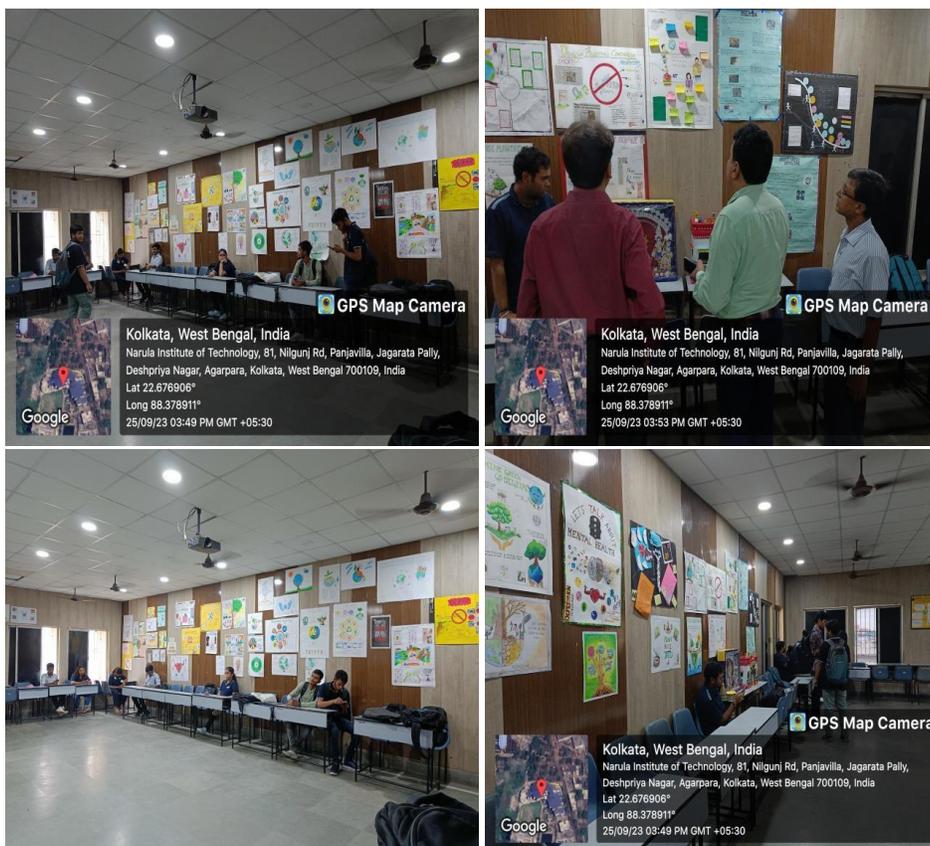
Prevention of common diseases such as dengue, diabetes, and hypertension.

Interactive Sessions: Visitors were encouraged to interact with the student presenters, who explained the themes and key messages of their posters.

Judging and Feedback: A panel of judges evaluated the posters based on creativity, relevance, and impact. Constructive feedback was provided to the participants to enhance their skills.

Outcome:

The program was a resounding success, fostering awareness about critical health issues among students and visitors. It also provided an excellent platform for participants to showcase their creativity and communication skills while contributing to a healthier society.



SWACHH BHARAT ABHIYAN CLEANING DRIVE

Objective of the Event:

The Swachh Bharat Abhiyan, initiated by the NSS unit of Narula Institute of Technology, aimed to contribute to the larger national mission of creating a clean and hygienic India. The primary focus was on cleaning and maintaining the local area surrounding the institute to foster a sense of cleanliness and responsibility among the students and staff.

Number of Participant: 57

Description of the program:

NSS volunteers of Narula Institute of Technology conduct an awareness campaign a week before the event to inform students and staff about the importance of cleanliness and their role in the Swachh Bharat Abhiyan. Posters and banners were displayed across the campus to create enthusiasm and awareness.

Distribution of Cleaning Kits:

NSS volunteers were provided with gloves, masks, and garbage bags for safety during the cleaning drive.

A brief training session was conducted on proper waste disposal practices.

Cleaning Drive: The cleaning drive commenced at 11:00 AM and continued until 2:00 PM.

NSS volunteers, along with faculty members, actively participated in cleaning the areas around the institute, including the entrance, pathways, and nearby public spaces.

Waste Segregation:

Emphasis was placed on waste segregation into biodegradable and non-biodegradable categories. Separate bins were placed for recyclable materials to promote eco-friendly practices.

Community Engagement:

Local residents and shopkeepers were involved in the drive to foster a sense of community responsibility. Information pamphlets on waste management were distributed to nearby households.

Outcomes:

The Swachh Bharat Abhiyan at Narula Institute of Technology proved to be a resounding success. The campus and its surroundings witnessed a significant improvement in cleanliness. The participation of NSS volunteers, faculty, and the local community demonstrated a collective commitment to maintaining a clean and hygienic environment.





CLEANING IN THE DAKSHINESWAR AREA

Objective of the Event:

To raise awareness about the importance of cleanliness in public spaces and to actively engage in cleaning efforts to maintain a healthy and sustainable environment in the Dakshineswar area.

Number of Participant: 107

Description of the program:

NSS unit of Narula Institute of technology organized a cleanliness drive in the Dakshineswar area on September 8, 2024. This initiative was aimed at promoting a cleaner environment and spreading awareness about the significance of maintaining cleanliness in public spaces. Dakshineswar, being a major religious and tourist site, sees a large number of visitors daily, making it essential to maintain its cleanliness for the well-being of both locals and tourists.

A group of NSS volunteers gathered early in the morning at the Dakshineswar temple and surrounding areas to begin the cleanliness drive. Volunteers worked together to collect plastic waste, wrappers, and other litter scattered across the area. They focused on key areas such as the temple premises, nearby roads, public parks, and the banks of the Hooghly River. The volunteers were equipped with gloves, trash bags, and other necessary tools to ensure proper waste collection and disposal.





A poster-making and slogan-writing competition was organized with the theme of cleanliness and environmental protection. Students and volunteers created visually appealing posters and catchy slogans to promote the message of cleanliness.

Outcome of the Program:

The cleanliness drive led to a noticeable reduction in litter and waste in the Dakshineswar area. The temple surroundings, public spaces, and roads were visibly cleaner after the event.

AWARENESS PROGRAM ON DENGUE

Objective of the Event:

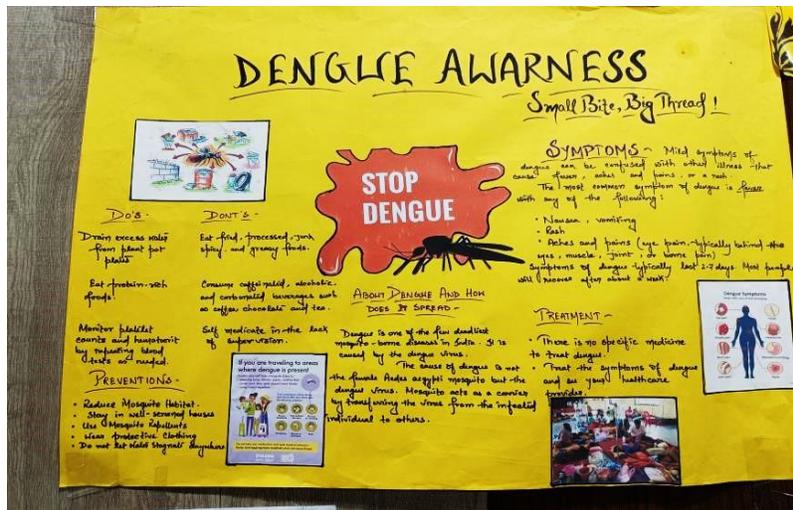
To aware people of the society about dengue

Number of Participant: 127

Description of the program:

The NSS Unit of Narula Institute of Technology organized an Awareness Program on Dengue to educate the community about the causes, prevention, and control of dengue fever. The event was held on 8 September 2024, in the surrounding community near the institute. To raise awareness about dengue and its impact on public health. To educate the community about preventive measures, including the importance of maintaining cleanliness and eliminating mosquito breeding grounds. To promote active community participation in controlling the spread of dengue.

The program began with a rally where students carried placards and banners with slogans emphasizing the prevention of dengue. Informative pamphlets were distributed to residents, providing details on identifying symptoms, seeking timely medical attention, and preventive measures.



Outcome:

The program successfully reached a large number of residents, creating awareness about the seriousness of dengue and empowering them with the knowledge to protect themselves and their families. The active involvement of students and their interactive approach were appreciated by the community.

PROJECT COMPETITION ON WASTE MANAGEMENT

Objective of the Event:

To encourage students to recycle the used product

Number of Participant: 104

Description of the program:

On 10th August 2024, NSS Unit of Narula Institute of Technology organized a Project Competition on waste management. The event aimed to raise awareness about the importance of waste management practices, sustainable living, and environmental conservation. The workshop was attended by students, faculty members, and staff, creating a diverse audience keen on learning about effective waste management strategies.

The Project Competition on waste management at Narula Institute of Technology proved to be a significant step towards creating a more environmentally conscious community. Attendees left with a better understanding of the importance of responsible waste disposal and practical knowledge on implementing sustainable practices in their daily lives. The event aimed not only to educate but also to inspire a commitment to environmental stewardship among the participants.





Outcome of the event:

The competition indicates a growing awareness and interest in sustainable living within the community.

BLOOD DONATION CAMP

Objective of the Event:

The objective of a blood donation camp is to collect blood voluntarily from healthy individuals in order to meet the demand for blood and blood products in medical treatments, surgeries, emergencies, and various healthcare situations. Here are some specific objectives of organizing a blood donation camp.

Number of Participant: 125

Description of the program:

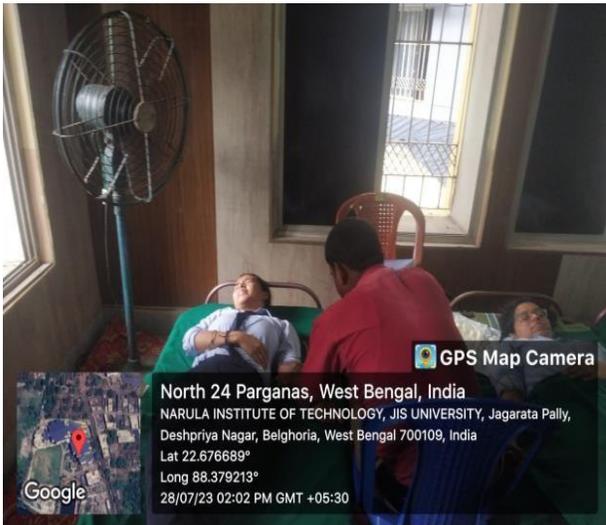
The National Service Scheme (NSS) unit of Narula Institute of

Technology, in collaboration with Health Point, conducted a significant Blood Donation Camp on July 28, 2024. This joint initiative aimed to address the critical need for blood while fostering a sense of community responsibility among the participants. Meticulous planning preceded the event, involving close coordination between the NSS unit and SSKM Hospital. The collaboration ensured the availability of medical professionals, equipment, and infrastructure, creating an environment conducive to successful blood donation.

The blood donation camp commenced at 11:00 AM and continued until 4:00 PM, drawing the active participation of students, faculty, and staff. The joint effort between the college and the hospital facilitated a smooth process from registration to blood donation. A total of 150 donors willingly contributed, underscoring the success of the event. The inclusion of Health Point resources significantly enhanced the efficiency and credibility of the blood donation camp. The 125 donors who participated made a substantial contribution to local blood banks, potentially saving numerous lives. The success of this collaborative initiative emphasized the positive outcomes achievable through partnerships between educational institutions and healthcare providers.

Gratitude is extended to all participants, including the donors, volunteers, and medical professionals from both Narula Institute of Technology and Health point super specialty Hospital. Their collective efforts ensured the success of the blood donation camp.

The Blood Donation Camp organized by the NSS unit of Narula Institute of Technology in collaboration with Health point super specialty Hospital on July 28, 2024, stands as a testament to the impact achievable through community collaboration. The event not only met its objective of addressing the need for blood but also fostered a spirit of communal responsibility and shared welfare. The success of this collaborative blood donation camp serves as inspiration for future initiatives. The NSS unit aims to explore additional opportunities for joint efforts with healthcare institutions, ensuring a sustained commitment to community well-being.



Outcome of the Program:

Encouraging voluntary and repeat donations is a positive outcome. Building a community of regular donors helps maintain a consistent and reliable blood supply over time.

❖ Skill Enhancement Activities

Student Centric Activities are a conglomeration of the development of Soft Skills, Language and Communication Skills, Life Skills, Trends in Technology Skills.

Soft skills focus on who people are, as opposed to what they are trained in. They serve to represent your approach to life and work meaning soft skills are interpersonal skills hardwired to an individual's personality, and they characterize how you interact with other people in the workplace. The training on Language and Communication Skills intends to create awareness of one's current presentation skills and practice & develop effective skills for presentation, understand the importance of communication types, developing effective verbal communication, importance of grooming and etiquette and cross-cultural communication. Learning and adapting new Life skills, we increase our understanding of the world around us and equip ourselves with the tools we need to live a more productive and fulfilling life, finding ways to cope with the challenges that life, inevitably, throws at us. Technology is rapidly changing the way we live and interact. It is changing the face of every field and every sector in the best way possible. Education technology can help to eliminate current barriers of providing quality education to all and will provide a chance to widen the imagination of the students and help them grasp better. The education sector and the entities such as students, teachers, management, parents, etc. will benefit a lot from the latest and upcoming trends in education technology.

Soft Skills

Soft skills training programs are designed to equip students with essential competencies that significantly enhance their personal and professional development. These programs focus on a range of crucial skills, including interview techniques, effective time management, strategic decision-making, and advanced problem-solving abilities. By participating in such training sessions, students gain the confidence and capabilities needed to excel in campus recruitment processes as well as competitive examinations, preparing them to navigate real-world challenges successfully.

In addition to soft skill training, the Training and Placement Cell plays a pivotal role in fostering the holistic growth of students. It organizes a variety of value-added programs and initiatives aimed at enhancing their employability and personal development. These programs provide students with opportunities to expand their knowledge, improve their communication skills, and develop leadership qualities. By participating in workshops, seminars, and industry-specific training sessions, students are better prepared to meet the expectations of recruiters and employers, ensuring they are well-equipped to thrive in their careers. Ultimately, such initiatives contribute to shaping well-rounded individuals who are ready to succeed in both academic and professional arenas.

Name of the capability enhancement program	Year	Name of the agencies/consultants
Soft Skill Training - ECS 1st year	2025	Mr. Tapas Mukherjee ,Target Education
Soft Skill Training - EE 1st year Sec B	2025	Mr. Tapas Mukherjee ,Target Education
Soft Skill Training - EE 1st year Sec A	2025	Mr. Tapas Mukherjee ,Target Education
Soft Skill Training - ME 1st year	2025	Mr. Tapas Mukherjee ,Target Education
Soft Skill Training - CE 1st year	2025	Mr. Tapas Mukherjee ,Target Education
Soft Skill Training - ECE 1st year Sec B	2025	Mr. Tapas Mukherjee ,Target Education
Soft Skill Training - ECE 1st year Sec A	2025	Mr. Tapas Mukherjee ,Target Education
Soft Skill Training - CSE 1st year Sec C	2025	Mr. Tapas Mukherjee ,Target Education
Soft Skill Training - CSE 1st year Sec B	2025	Mr. Tapas Mukherjee ,Target Education
Soft Skill Training - CSE 1st year Sec A	2025	Mr. Tapas Mukherjee ,Target Education
Soft Skill Training - IT 1st year Sec B	2025	Mr. Tapas Mukherjee ,Target Education
Soft Skill Training -IT 1st year Sec A	2025	Mr. Tapas Mukherjee ,Target Education
Soft Skill Training -DS 1st year	2025	Mr. Tapas Mukherjee ,Target Education
Soft Skill Training -CST 1st year	2025	Mr. Tapas Mukherjee ,Target Education
Soft Skill Training -CSBS 1st year	2025	Mr. Tapas Mukherjee ,Target Education
Soft Skill Training -AIML 1st year	2025	Mr. Tapas Mukherjee ,Target Education
Soft Skill Training - MCA and M.Tech	2024	Mr Madhusudan Dutta , Avteg Pvt. Ltd
Soft Skill Training - IT 3rd year Sec B	2024	Mr Madhusudan Dutta , Avteg Pvt. Ltd
Soft Skill Training - IT 3rd year Sec A	2024	Mr Madhusudan Dutta , Avteg Pvt. Ltd
Soft Skill Training - EIE 3rd year	2024	Mr Madhusudan Dutta , Avteg Pvt. Ltd

Soft Skill Training - EE 3rd year Sec B	2024	Mr Madhusudan Dutta , Avteg Pvt. Ltd
Soft Skill Training - EE 3rd year Sec A	2024	Mr Madhusudan Dutta , Avteg Pvt. Ltd
Soft Skill Training - ME 3rd year	2024	Mr Madhusudan Dutta , Avteg Pvt. Ltd
Soft Skill Training - CE 3rd year Sec B	2024	Mr Madhusudan Dutta , Avteg Pvt. Ltd
Soft Skill Training - CE 3rd year Sec A	2024	Mr Madhusudan Dutta , Avteg Pvt. Ltd
Soft Skill Training - ECE 3rd year Sec B	2024	Mr Madhusudan Dutta , Avteg Pvt. Ltd
Soft Skill Training - ECE 3rd year Sec A	2024	Mr Madhusudan Dutta , Avteg Pvt. Ltd
Soft Skill Training - CSE 3rd year Sec C	2024	Mr Madhusudan Dutta , Avteg Pvt. Ltd
Soft Skill Training - CSE 3rd year Sec B	2024	Mr Madhusudan Dutta , Avteg Pvt. Ltd
Soft Skill Training -CSE 3rd year Sec A	2024	Mr Madhusudan Dutta , Avteg Pvt. Ltd
Verbal, Non Verbal Training EIE 2nd year	2024	Mr. Rahul Basak, Career Launcher
Verbal, Non Verbal Training-ME 2nd year	2024	Mr. Rahul Basak, Career Launcher
Verbal, Non Verbal Training-CE 2nd year	2024	Mr. Rahul Basak, Career Launcher
Verbal, Non Verbal Training- IT 2nd year	2024	Mr. Rahul Basak, Career Launcher
Verbal, Non Verbal Training - EE 2nd year Sec B	2024	Mr. Rahul Basak, Career Launcher
Verbal, Non Verbal Training - EE 2nd year Sec A	2024	Mr. Rahul Basak, Career Launcher
Verbal, Non Verbal Training-ECE 2nd year Sec B	2024	Mr. Rahul Basak, Career Launcher
Verbal, Non Verbal Training-ECE 2nd year Sec A	2024	Mr. Rahul Basak, Career Launcher
Verbal, Non Verbal Training-CSE 2nd year Sec D	2024	Mr. Rahul Basak, Career Launcher
Verbal, Non Verbal Training-CSE 2nd year Sec C	2024	Mr. Rahul Basak, Career Launcher
Verbal, Non Verbal Training-CSE 2nd year Sec B	2024	Mr. Rahul Basak, Career Launcher

Verbal, Non Verbal Training-CSE 2nd year Sec A	2024	Mr. Rahul Basak, Career Launcher
Verbal, Non Verbal Training-CST 2nd year	2024	Mr. Rahul Basak, Career Launcher
Verbal, Non Verbal Training-CSBS 2nd year	2024	Mr. Rahul Basak, Career Launcher
Verbal, Non Verbal Training-AIML 2nd year	2024	Mr. Rahul Basak, Career Launcher



Soft Skill Training - (B. TECH)

Language and Communication Skill Enhancement Program

Language serves as the most effective tool for facilitating communication; however, it can also act as a barrier to effective interaction. Recognizing the significance of clear and impactful communication, students are provided with specialized training designed to enhance their skills in several key areas. These areas include understanding the importance of effective communication, exploring the various types of communication, identifying and overcoming barriers to communication, and mastering presentation skills.

To ensure comprehensive learning, distinguished experts from both academia and industry are invited to deliver insightful sessions. These professionals bring their vast experience and knowledge to the table, providing students with practical tips and strategies that align with the evolving demands of the professional world. This training helps students build confidence, improve interpersonal skills, and prepare themselves to meet the expectations of the industry. Through such initiatives, students are not only groomed to communicate effectively but also equipped to navigate the challenges of professional environments with greater competence.

Name of the capability enhancement program	Year	Number of students	Name of the agencies/co nsultants	Objective
Language and Communication Skills Training- CSE 1st year Sec C	2025	57	Ms Rajasi Ray, Narula Institute of Technology	Understanding of language and proper communication skills
Language and Communication Skills Training- CSE 1st year Sec B	2025	52	Ms Rajasi Ray, Narula Institute of Technology	Understanding of language and proper communication skills
Language and Communication Skills Training- CSE 1st year Sec A	2025	54	Ms. Sharmistha Basu ,Narula Institute of Technology	Understanding of language and proper communication skills
Language and Communication Skills Training- AIML 1st year	2025	60	Ms. Sharmistha Basu ,Narula Institute of Technology	Understanding of language and proper communication skills

Language and Communication Skills Training- CST 1st year	2025	59	Ms. Sharmistha Basu ,Narula Institute of Technology	Understanding of language and proper communication skills
Language and Communication Skills Training- CSBS 1st year	2025	58	Ms. Sharmistha Basu ,Narula Institute of Technology	Understanding of language and proper communication skills
Language and Communication Skills Training ECE 1st year Sec B	2025	53	Ms. Aparajita Paul ,Narula Institute of Technology	Understanding of language and proper communication skills
Language and Communication Skills Training ECE 1st year Sec A	2025	56	Ms Rajasi Ray, Narula Institute of Technology	Understanding of language and proper communication skills
Language and Communication Skills Training IT 1st year Sec A	2025	58	Ms Rajasi Ray, Narula Institute of Technology	Understanding of language and proper communication skills
Language and Communication Skills Training IT 1st year Sec B	2025	59	Ms Rajasi Ray, Narula Institute of Technology	Understanding of language and proper communication skills
Language and Communication Skills Training IT 1st year Sec C	2025	60	Ms Rajasi Ray, Narula Institute of Technology	Understanding of language and proper communication skills
Language and Communication Skills Training ME 1st year	2025	54	Ms Rajasi Ray, Narula Institute of Technology	Understanding of language and proper communication skills
Language and Communication Skills Training CE	2025	52	Ms Rajasi Ray, Narula Institute of	Understanding of language and proper

1st year			Technology	communication skills
Language and Communication Skills Training EE 1st year	2025	53	Ms Rajasi Ray, Narula Institute of Technology	Understanding of language and proper communication skills
Language and Communication Skills Training ECS 1st year	2025	30	Ms. Aparajita Paul , Narula Institute of Technology	Understanding of language and proper communication skills
Language and Communication Skills Training - CSE 2nd year Sec D	2024	57	Ms Rajasi Ray, Narula Institute of Technology	Understanding of language and proper communication skills
Language and Communication Skills Training - CSE 2nd year Sec C	2024	59	Ms Rajasi Ray, Narula Institute of Technology	Understanding of language and proper communication skills
Language and Communication Skills Training- CSE 2nd year Sec B	2024	56	Ms Rajasi Ray, Narula Institute of Technology	Understanding of language and proper communication skills
Language and Communication Skills Training- CSE 2nd year Sec A	2024	54	Ms. Sharmistha Basu ,Narula Institute of Technology	Understanding of language and proper communication skills
Language and Communication Skills Training- AIML 2nd year	2024	60	Ms. Sharmistha Basu ,Narula Institute of Technology	Understanding of language and proper communication skills
Language and Communication Skills Training- CST 2nd year	2024	59	Ms. Sharmistha Basu ,Narula Institute of Technology	Understanding of language and proper communication skills

Language and Communication Skills Training- CSBS 2nd year	2024	58	Ms. Sharmistha Basu ,Narula Institute of Technology	Understanding of language and proper communication skills
Language and Communication Skills Training- ECE 2nd year Sec B	2024	53	Ms. Aparajita Paul , Narula Institute of Technology	Understanding of language and proper communication skills
Language and Communication Skills Training- ECE 2nd year Sec A	2024	56	Ms Rajasi Ray, Narula Institute of Technology	Understanding of language and proper communication skills
Language and Communication Skills Training- IT 2nd year Sec B	2024	60	Ms Rajasi Ray, Narula Institute of Technology	Understanding of language and proper communication skills
Language and Communication Skills Training- IT 2nd year Sec A	2024	57	Ms Rajasi Ray, Narula Institute of Technology	Understanding of language and proper communication skills
Language and Communication Skills Training-ME 2nd year	2024	54	Ms Rajasi Ray, Narula Institute of Technology	Understanding of language and proper communication skills
Language and Communication Skills Training- CE 2nd year	2024	52	Ms Rajasi Ray, Narula Institute of Technology	Understanding of language and proper communication skills
Language and Communication Skills Training-EE 2nd year	2024	53	Ms Rajasi Ray, Narula Institute of Technology	Understanding of language and proper communication skills
Language and Communication Skills Training-	2024	43	Ms. Aparajita Paul ,	Understanding of language and proper

EIE 2nd year			Narula Institute of Technology	communication skills
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Language and Communication Skills Training for (B. TECH)

Life Skills

Life skills are a fundamental set of abilities acquired through education, practical experience, and self-reflection, enabling individuals and groups to navigate the complexities of everyday life with confidence and efficacy. These skills are indispensable for achieving personal fulfilment and thriving in various aspects of life. Broadly, life skills encompass a diverse range of aptitudes that empower individuals to address challenges, make informed decisions, and adapt to changing circumstances. Key qualities such as initiative, critical thinking, self-awareness, and self-control form the foundation for personal growth and resilience. Moreover, life skills include problem-solving, decision-making, collaboration, and effective communication, all of which are crucial for building meaningful relationships and contributing positively to society.

Recognizing the importance of life skills in fostering well-rounded individuals, our institute is committed to organizing regular programs aimed at cultivating and enhancing these competencies. These initiatives emphasize not only personal development but also social responsibility and active citizenship, enabling participants to become conscientious members of their communities. By fostering a deeper understanding of personal and professional challenges, these programs provide practical strategies for managing stress, resolving conflicts, and making ethical decisions. Participants gain invaluable insights into teamwork and leadership, equipping them to excel in both personal endeavours and professional careers. Through this holistic approach, our institute seeks to empower individuals to lead fulfilling lives and contribute meaningfully to the world around them.

Name of the capability enhancement program	Year	Name of the agencies/consultants	Objective
International Earth Day celebration	2025	Dr. Nihilesh Sil, Assistant Professor, Narula Institute of Technology	Promote sustainability and environmental awareness.
Women Health Check-up Camp	2025	Dr. Purbasha Roy, Joint and Bone Care Hospital,	Promote women's preventive healthcare awareness.
Seminar on 'Plastic: Boon or Bane for Survival of Mother Earth	2025	Dr. Nihilesh Sil, Assistant Professor, Narula Institute of Technology,	Assessing plastic's environmental impact
Awareness Program on Environment Day	2022	Dr. Nihilesh Sil, Assistant Professor, Narula Institute of Technology	Foster environmental responsibility and awareness
International Yoga Day	2025	Dr. Nihilesh Sil, Assistant Professor, Narula Institute of Technology	Embrace mindfulness and wellness

World Environment Day Celebration	2025	Dr. Nihilesh Sil, Assistant Professor, Narula Institute of Technology	Raise awareness about sustainability
Webinar on “Arsenic Contamination in Ground Water: Sources, Accumulation, Impact and Remediation	2025	Dr. Sayan Bhattacharya, Assistant Professor, School of Ecology and Environment Studies, Nalanda University	Address arsenic contamination challenges
Workshop on "How to boost minds with wellness for women"	2024	Dr. Bansari Deb Majumdar, HOD, EE Department, Narula Institute of Technology	Enhance resilience and mindfulness techniques
Blood Donation Camp	2024	Dr. Nihilesh Sil, Assistant Professor, Narula Institute of Technology	Encourage students participation in donation
Session on "CANCER AWARENESS" in association with Karkinos Oncology Institute	2024	Dr. Nihilesh Sil, Assistant Professor, Narula Institute of Technology	Empower students with cancer knowledge



Seminar on 'Plastic: Boon or Bane for Survival of Mother Earth



Glimpses of Blood Donation Camp



International Yoga Day



International Earth Day celebration

Trends in Technology

Seminars, workshops, and webinars are conducted for engineering students to bridge the gap between theoretical knowledge and practical application, equipping them with the skills required in today’s rapidly evolving technological landscape. These interactive sessions provide exposure to the latest advancements in engineering fields, emerging technologies, and industry best practices, often presented by professionals and experts. They also encourage collaborative learning, problem-solving, and critical thinking, allowing students to deepen their understanding beyond classroom theory. By engaging in these activities, students gain valuable insights into real-world challenges, build professional networks, and enhance their readiness for successful careers in engineering and technology.

In addition to seminars, students participate in industrial visits to observe real-world operations and workflows. These visits provide invaluable first-hand experience, allowing students to witness how businesses implement strategies, manage resources, and optimize processes. Interacting with professionals in actual work environments also enables students to understand industry challenges, explore potential career paths, and build professional networks. Altogether, these initiatives ensure that graduates are well-prepared to enter the workforce with a practical understanding of current industry practices and trends.

Name of the capability enhancement program	Year	Name of the agencies/consultants	Objective
Psychometric and Its Application in HVAC	2025	Mr. Dipak Barma, HVAC industry	Learh how Humidity control enhances HVAC efficiency
Arsenic contamination in groundwater: Sources, Accumulation, Impacts and Remediation	2025	Dr. Sayan Bhattacharya, Assistant Professor School of Ecology and Environment Studies, Nalanda University, Rajgir	Comprehensive insights into arsenic challenges
Hack-O-NiT, Hackathon by Narula Institute of Technology	2025	Dr. Nidhi Singh, Registrar, Narula Institute of Technology	Innovative solutions and collaborative learning
Industry Visit to Parle G, Dhulagarh, Kolkata	2025	Dr Bansari Deb Majumdar, HOD, EE Department, Narula Institute of Technology	Industrial Exposure about software development process.

Industrial visit to Oil and Natural Gas Corporation Limited (ONGC), Drilling Site at Ranaghat, Kolkata	2025	Ms. Sanghamitra Layek, TIC, ECS Department, Narula Institute of Technology	Practical exposure to drilling operations.
Technical seminar titled "MERN Stack Development	2025	Ms Rupa Saha, TIC, CA Department, Narula Institute of Technology	Full-stack expertise with JavaScript
Seminar titled "Recent Advancements in Remote Sensing Technology	2025	Mr Rakesh Kumar, Construction Manager, L & T Ltd	Enhanced understanding of sensing innovations
Industrial Visit to Variable Energy Cyclotron Centre (VECC), Saltlake, Kolkata	2025	Mr. Pranab Hazra, HOD ECE Department, Narula Institute of Technology	Understanding of Advanced cyclotron technology and applications
Industrial Visit to Kolaghat Thermal Power Station (KTPS)	2025	Mr. Pranab Hazra, HOD ECE Department, Narula Institute of Technology	Knowledge of Energy production processes and efficiency
TCSCON 2025, an International Conference on Technology, Communication, and Science	2025	Dr. Sarbani Ganguly, HOD CA Department, Narula Institute of Technology	Knowledge gain about Advancements in technology, communication, science
Industry Visit to Euphoria GenX, Salt Lake City, Kolkata	2025	Mr Sudip Das, Assistant Professor, CA Department, Narula Institute of Technology	Hands-on learning through industry exposure
One-Day Workshop on "Modern Geotechnical Advancement in Civil Engineering Domain	2025	Prof (Dr.) Biman Mukherjee, Professor CE Department, Narula Institute of Technology	Enhancing student knowledge in geotechnics
Seminar on Importance of Design, Critical Thinking, and Innovation	2025	Dr. Sumit Chabri, HOD ME Department, Narula Institute of Technology	Foster creativity, problem-solving, and innovation.
Technical seminar titled "Data Science and Machine Learning for Smart Cities and Smart Healthcare.	2025	Dr. Nitin Kumar Tripathi, Chairman-Academic Senate and Director-Special Degree Programs at the School of Engineering and Technology, Asian Institute of Technology, Bangkok	Enhance expertise in AI applications

Technical Seminar on “Background Beauty of Digital Design”	2025	Dr. Anup Dandapat, Associate Professor, ECE department NIT Meghalaya.	Inspire innovation through design insights
Industry Visit to Euphoria GenX, Salt Lake City, Kolkata	2024	Mr Sudip Das, Assistant Professor, CA Department, Narula Institute of Technology	Experience real-world industry applications.
Invited Talk on "Recent Development of Formalin Fish Sensor using Graphene"	2024	Prof. Dr. Hemen Kalita, Department of Physics, Gauhati University	Inspire innovation in sensor technology
Industrial Visit to Electronics Regional Test Laboratory (ERTL)	2024	Mr. Pranab Hazra, HOD ECE Department, Narula Institute of Technology	Hands-on exposure to electronics testing
Industrial visit to Webskitters Technology Solutions Pvt. Ltd.	2024	Dr. Subhram Das, HOD CSE Department, Narula Institute of Technology	Enhance practical knowledge and employability
Industrial Visit to Euphoria GenX, Salt Lake City, Kolkata.	2024	Mr Sudip Das, Assistant Professor, CA Department, Narula Institute of Technology	Experience real-world industry applications.
Industrial Visit at the Fiber Optics Photonics Division in Central Glass & Ceramic Research Institute (CGCRI) Kolkata, a premier R & D unit of CSIR, Govt of India	2024	Ms. Sanghamitra Layek, TIC, ECS Department, Narula Institute of Technology	Knowledge gain about science and technology
Industrial visit to Coca-Cola (Diamond Beverages Pvt. Ltd.)	2024	Ms. Sanghamitra Layek, TIC, ECS Department, Narula Institute of Technology	Understanding manufacturing, operations, and management.
Hack-O-NiT, Internal Hackathon	2024	Dr. Nidhi Singh, Registrar, Narula Institute of Technology	Enhance skills through collaborative innovation
Industrial Visit to Euphoria GenX, Salt Lake City, Kolkata.	2024	Dr. Subhram Das, HOD CSE Department, Narula Institute of Technology	Experience real-world industry applications.
Industrial Visit to Euphoria GenX, Salt Lake City, Kolkata.	2024	Mr Sudip Das, Assistant Professor, CA Department, Narula Institute of Technology	Experience real-world industry applications

Industry Visit to Water Treatment Plant, Newtown, Kolkata	2024	Dr Bansari Deb Majumdar, HOD, EE Department, Narula Institute of Technology	Practical exposure to water treatment
Seminar on Software Defined Network and Security	2024	Prof. (Dr.) J. K. Mandal, Former Vice Chancellor , Raiganj University	Enhance network knowledge, security expertise
Webinar on "What it Takes to Become a Valuable Engineer"	2024	Dr Suchismita Maiti and HOD, IT Department, Narula Institute of Technology	Develop skills for engineering excellence.
Industrial Visit to Euphoria GenX	2024	Dr. Subhram Das, HOD CSE Department, Narula Institute of Technology	Experience real-world industry applications.
Industrial Visit to Howrah 220kV substation of WBSETCL and State Load Dispatch Centre (SLDC)	2024	Dr Bansari Deb Majumdar, HOD, EE Department, Narula Institute of Technology	Practical exposure to electrical systems.
Industrial Visit to Ardent Computech Pvt Ltd	2024	Dr Suchismita Maiti and HOD, IT Department, Narula Institute of Technology	Experience real-world industry applications.
Industry Visit to Parle G, Dhulagarh, Kolkata	2024	Dr Bansari Deb Majumdar, HOD, EE Department, Narula Institute of Technology	Experience real-world industry applications.
Webinar titled "Preliminary Understanding of CAD CAM"	2024	Dr. Sumit Chabri, HOD ME Department, Narula Institute of Technology	Enhance design skills and knowledge.
Invited Talk on "Artistic Multiscript Document Recognition"	2024	Ms Rupa Saha, TIC, CA Department, Narula Institute of Technology	Enhance skills in document recognition



Webinar on What it takes to become a “Valuable” Engineer



Webinar on Arsenic Contamination in groundwater



Industrial Visit to Water Treatment Plant



Industrial Visit to Kolaghat Thermal Power Station



Industrial Visit to Central Glass and Ceramic Research Institute



Industrial Visit to Coca-Cola (Diamond Beverages Pvt. Ltd.)



Industrial Visit to Oil and Natural Gas Corporation Limited (ONGC), Drilling Site at Ranaghat, Kolkata



Industrial Visit to Kolaghat Thermal Power Station (KTPS)

Chapter 7

Training and Placement

Training and Placement Cell is a core area in an Engineering College which compliments the efforts of the members of faculty by organizing value-added programs and providing placement opportunities to students.

The cell continuously coordinates with the various industries and organizations for placement of the students. It liaises with the corporate sectors and helps in developing the industry-academic inter- relationship.

The Cell organizes certain orientation programs, grooming sessions, mock interviews for students of each stream. Besides, the Cell organizes various summer internship programs for students to provide them with hands-on experience and introducing them to match the professional environment.

Keeping in view the requirements of industry, the Cell also takes initiative to arrange regular interactive workshops, seminars and short-term courses with active participation of academia and industry. It also takes initiative to develop the soft skills (Aptitude, HR, GD, PI etc) within students to make them feel comfortable in interviews and thus make them better employable. The Cell ensures that Career Development Programs are also conducted on a regular basis for value added programs. It also organizes industry-oriented special summer / winter courses in collaboration with reputed corporate industries.

Best practice as BCT - Beyond Curriculum Training

Narula Institute of Technology introduces new courses and revises its curriculum frequently to keep pace with the new trends worldwide in the educational pedagogy.

We ensure that our students develop technical skills and core competencies to become effective technocrats to serve the industry and corporate world with utmost professionalism.

The institute organizes Beyond Curriculum Training (BCT) to provide a platform for the students to interact with the professionals from various industries to fill up the gap between the Curriculum and the Industry needs. NIT arranges for industrial live projects for the students as a part of this training. It also helps to design and update the curriculum by taking suggestions from the industry experts in regular basis.

This type of training is very effective for the students to discuss about the new developments and trends across the Industry.

The objective for this training has always been to bridge the gap between the Curriculum and the Industry needs. Students are being trained in various applications like: PCB Design, MATLAB, Android & Arduino, Python, Machine Learning, Cyber Security, Internet of Things, Artificial Intelligence & Robotics, Cyber Security, ML using Python, Mobile Application with Android, Machine Learning & Robotics, Big data Hadoop, , Web Technology, Digital Forensics, Deep Learning, FPGA, GSM, Sensor & Transducers in Modern applications, Revit & Total Station, Staad Pro & Staad Foundation, Pro Steel, Etabs & MX Road, MS Projects or Primavera etc.

Value Added Courses

Professionally qualified personnel are actively involved in delivering up-to-date training curricula to enable our students to face the competition with greater degree of confidence & conviction. Thus, it would promote better selection by recruiters visiting our institute.

- **Aptitude Training:** These classes refresh the fundamental areas of mathematics and logic of the students and cover areas like – Quantitative ability, Logical reasoning, Puzzles and Verbal ability.
- **Personality Development Classes:** These classes are conducted in parallel with the aptitude sessions and provide rigorous training in the soft skills area.
- **Technical Training Sessions:** As a part of our training efforts, we conduct surveys from time to time among corporate to understand the technological up gradations taking place. We figure out the most appropriate technologies and provide the required training based on these inputs.
- **Training on Coding & Pseudocoding:** Practical training on coding and pseudo coding are also given to the students which nurtures the analytical and logical skills of a student.
- **Pre placement training programs** such as mock group discussions, mock interviews are conducted by our faculties & industry professionals at college itself.
- **Company specific training** is also conducted for better employability quotient.
- **Accenture and NIT** have an MoU on Spanish language training for second and third year students. Training is already started and It's happening every day of week except Saturday & Sunday.

Placements

Training and Placement Cell is a core area in an Engineering College which compliments the efforts of the members of faculty by organizing value-added programmes and providing placement opportunities to students.

Training & Placement Cell: -

The cell continuously coordinates with the various industries and organizations for placement of the students. It liaises with the Corporate sectors and helps in developing the industry-academic inter- relationship.

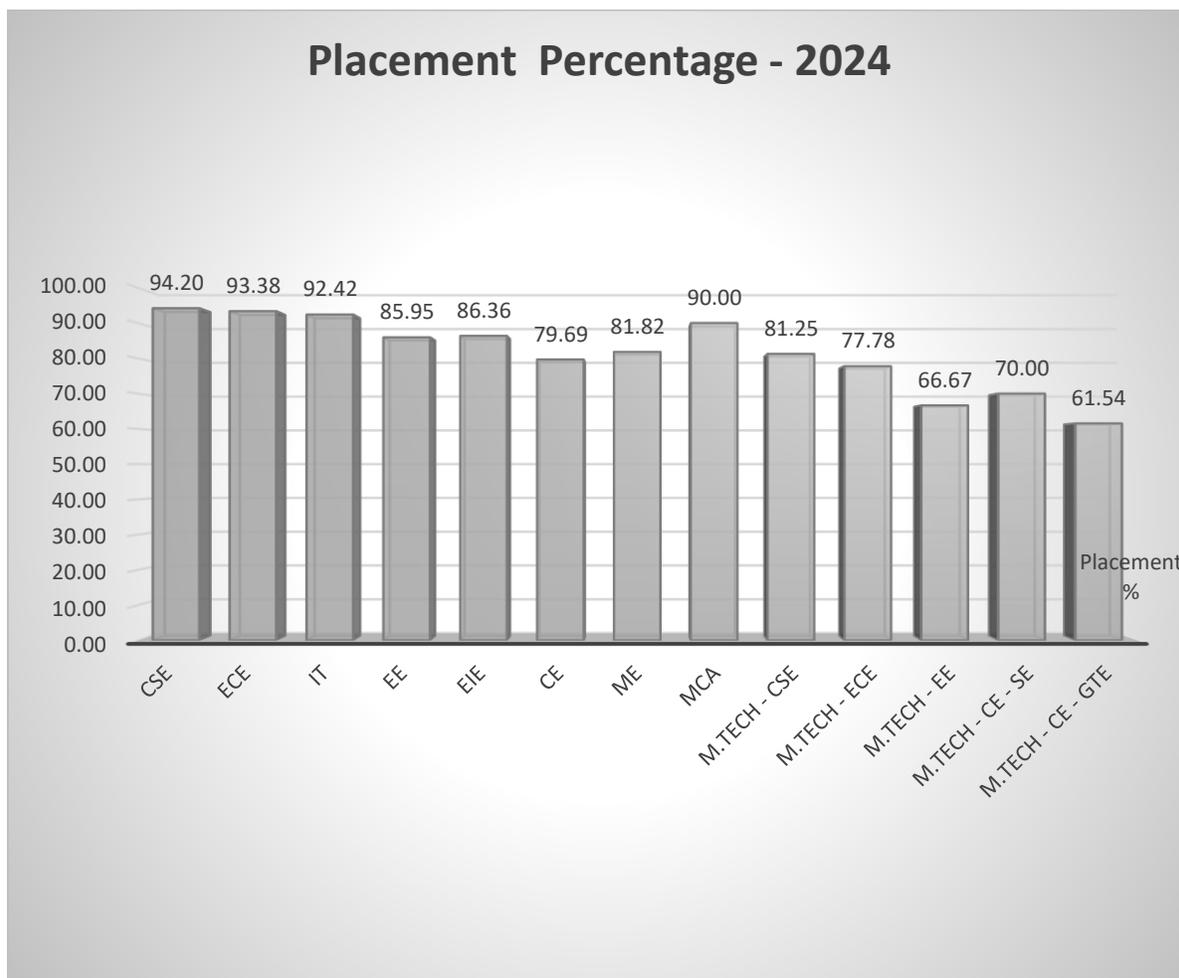
The Cell organizes certain orientation programmes, grooming sessions, mock interviews for students of each stream. Besides, the Cell organizes various summer internship programmes for students to provide them with hands-on experience and introducing them to match the professional environment.

Keeping in view the requirements of industry, the Cell also takes initiative to arrange regular inter-active workshops, seminars and short-term courses with active participation of academia and industry.

It also takes initiative to develop the soft skills (Aptitude, HR, GD, PI etc) within students to make them feel comfortable in interviews and thus make them better employable. The Cell ensures that Career Development Programmes are also conducted on a regular basis for value added programmes. It also organizes industry-oriented special summer / winter courses in collaboration with reputed Corporate industries.

Placement Status -2024			
Stream	Total Students	Placed students	Placement %
CSE	207	195	94.20
ECE	151	141	93.38
IT	132	122	92.42
EE	121	104	85.95
EIE	22	19	86.36
CE	64	51	79.69
ME	44	36	81.82

MCA	60	54	90.00
M.Tech - CSE	16	13	81.25
M.Tech - ECE	9	7	77.78
M.Tech - EE	9	6	66.67
M.Tech - CE - SE	30	21	70.00
M.Tech - CE - GTE	13	8	61.54
Total	878	777	88.50



CORE FEATURES

A safe and peaceful environment • Relevant and responsive to the changing needs of our students and the society • Academic autonomy and flexibility • Sustainable and all-inclusive growth, including community outreach programs • Lifelong commitment to learning • Encouragement of merit • Passion and motivation for work • Professionalism • Respect for law • Concern for the improvement of the society • Transparency in functioning of the Institute • Dedication to the Institute Values • Meritocracy • Unparalleled quality and excellence • Honesty, Integrity, Sincerity and Devotion • Trust and freedom with accountability • Appreciation and celebration of creativity • Willingness to try new ideas and make mistakes • Social and Moral responsibility • Respect for every individual, and diversity

WE THUS TARGET

To build and develop an excellent institution for creating and imparting knowledge at the undergraduate, post graduate and doctoral levels, contributing to the development of the nation and the humanity at large.

- To develop leaders with vision, creative thinking, social awareness and respect for our values.
- To foster excellence in teaching and research to make a global impact.
- To be the leader for academic and industrial collaborations in various disciplines, nationally and internationally.
- To create awareness of the true significance of learning and teaching.
- To enrich local schools and communities through value-added interactions.
- To encourage excellent language skills as part of the institutional culture.
- To prepare students not just for their first job but last job as well.

I thus thanking all the stakeholders of this Institute conclude presenting the annual report of 2024-25.



Why us?



National Ranking



Rankings by MHRD, Govt. of India since six years (2017 to 2022) in Engineering Category
Received NIRF Innovation Ranking in 2023



International Rating



Narula Institute of Technology has become the 1st Institution in Eastern India to earn the prestigious 'Five Star in Teaching' by QS International Rating



NAAC Accredited



Grade A
Institutional CGPA
3.22 out of 4



JIS SAMMAN 2022



Team, NiT receiving the prestigious honor from MD, JIS Group



Placement Status

89%

Placement Offers in 2022
Highest Package Offered: 27 LPA
325+ Multiple Job Offered



Activities @ Abroad



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Narula Institute of Technology



UGC

NAAC

NBA

NIRF
NATIONAL
INSTITUTIONAL
RANKING
FRAMEWORK

ATAL

MAKAUT
(Formerly, WBUT)

AICTE

WBSCT&VE&SD
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