



# 2024 ANNUAL REPORT

# Annual Report 2024

# CONTENT

<a href="#">ABOUT NIST</a>	03
<a href="#">ACADEMIC PROGRAMS</a>	04
<a href="#">PLACEMENT</a>	05
<a href="#">INCUVATION</a>	06
<a href="#">SCHOLARSHIPS</a>	09
<a href="#">NIST UNIVERSITY WELCOMES ITS FIRST VC</a>	10
<a href="#">RESEARCH PUBLICATION</a>	20
<a href="#">WORKSHOP, SEMINAR &amp; TALK</a>	20
<a href="#">ACADEMICS COLLABORATION</a>	21
<a href="#">STUDENT &amp; FACULTY ACHIEVEMENTS</a>	22
<a href="#">NEW Ph.D RECIPIENTS</a>	25
<a href="#">CLUBS AT NIST</a>	27
<a href="#">EVENTS 2024</a>	28
<a href="#">HIGHER STUDIES (ABROAD)</a>	30
<a href="#">FACULTY PINNACLE PROGRESS</a>	31
<a href="#">NEWLY JOINED FACULTIES &amp; STAFF</a>	
<a href="#">ALUMNI</a>	

## ABOUT NIST

NIST University, Institute Park, Berhampur, Odisha, was established in 1996 as the first NRI higher educational venture in the state of Odisha, promoted by SM Charitable Educational Trust. The Trust was established in 1995 by Dr. Sukant K. Mohapatra and Ms. Sanjeeta Mohapatra (both NRIs based in the US) as Founder/Donor Trustees. Dr. Sukant Mohapatra is the founder chairman of the Trust and NIST, providing visionary guidance for NIST to become a world-class University. NIST is a premier research University nestled in the green hills of Pallur, spread over 65 acres with world-class academic infrastructure, research excellence centers (CREs), global innovation centers (GIC), halls of residence, a sports complex, and other facilities. NIST offers undergraduate, graduate, and Ph.D. programs in Engineering, Science, and Management and has set benchmarks through outstanding academic programs, quality education, and cutting-edge multidisciplinary research. It has research collaborations with global universities and strong industry-academia partnerships. NIST has produced over 18,000 alumni contributing globally in technology, leadership, entrepreneurship, and public services and has been highly ranked by organizations like NIRF, ARIIA, and Times, including the Govt. of India.

### OUR VISION

Focused on high-quality teaching, creative innovation, entrepreneurship, and universal partnership.

### OUR MISSION

A research institute committed to academic excellence, fundamental research and innovation, nurturing global citizens, and collaborative engagement



### OUR CORE VALUES

**Belief:** in respect, integrity, compassion, diversity, and teamwork

**Excellence:** in academics and research

**Encouragement:** for freedom of thought, expression, and view point

**Spirit:** of community, nation building, inclusive growth, and recognition of individual uniqueness

**Truth:** in the pursuit, dissemination, and application of knowledge

### RANKING AND ACCREDITATION:

- NAAC has Accredited NIST with a Grade 'A'
- NIST is an university-Status accorded by University Grant Commission
- NIST is NBA accredited
- NIST is ranked 69th by NIRF, MHRD (Govt. of India), and 1st among all engineering colleges under BPUT (Affiliating University) in 2016
- NIST is ranked 66th among Engineering colleges in India by DATAQUEST in 2020
- NIST is ranked 60th in all of India by OUTLOOK in 2019
- BPUT Students has ranked NIST as the No.1 Engineering Institute among 100+ engineering institutes of Odisha through public voting.
- NIST has bagged the prestigious eINDIA 2013 Award at an event held in Hyderabad on July 23 under the "Best Teaching Learning Institute" category.
- NIST bagged the "Best Technical Institute in R&D Activities" in the State of Odisha on the eve of Engineers' Day in 2013.

### NATIONAL LEVEL LABORATORIES:

- **DST-FIST Centre:** Vector network Analyzer (up to Ku – band), BENCHMARK WiCOMM-T Wireless Digital Communication Training System, ASIC Tester Model: Nikki ASIC, VEE Software, Microstrip Antenna Fabrication Unit, Power Supply, Measuring instruments, Fibre Optics trainers, Microwave Test bench , Antenna Trainers for communication Lab.
- **TIFAC CORE Centre:** LTE Laboratory, WiMAX Laboratory, SDR Laboratory, MIMO & WSN Laboratory, Embedded System & VLSI Laboratory, Device Fabrication Laboratory, Measurement and Testing Laboratory.
- **Advance Computing Center:** High-Performance Computing Laboratory with 1 Master+3 Slaves High-End Servers with 16 Core Processors in each server. Centers of Excellence was established in partnership w/Industries such as CADENCE, IBM, SAP Asia Pacific, National Instruments, Texas Instruments, and ARM, WIPRO. Other.
- **Centers of Excellence:** Center of Mechatronics, Center of Image Processing & Cryptology, Center of Knowledge Engineering, Center of Industrial Automation Control, Center of Renewable Energy & Center of Nano

## GLOBAL INNOVATION CENTERS

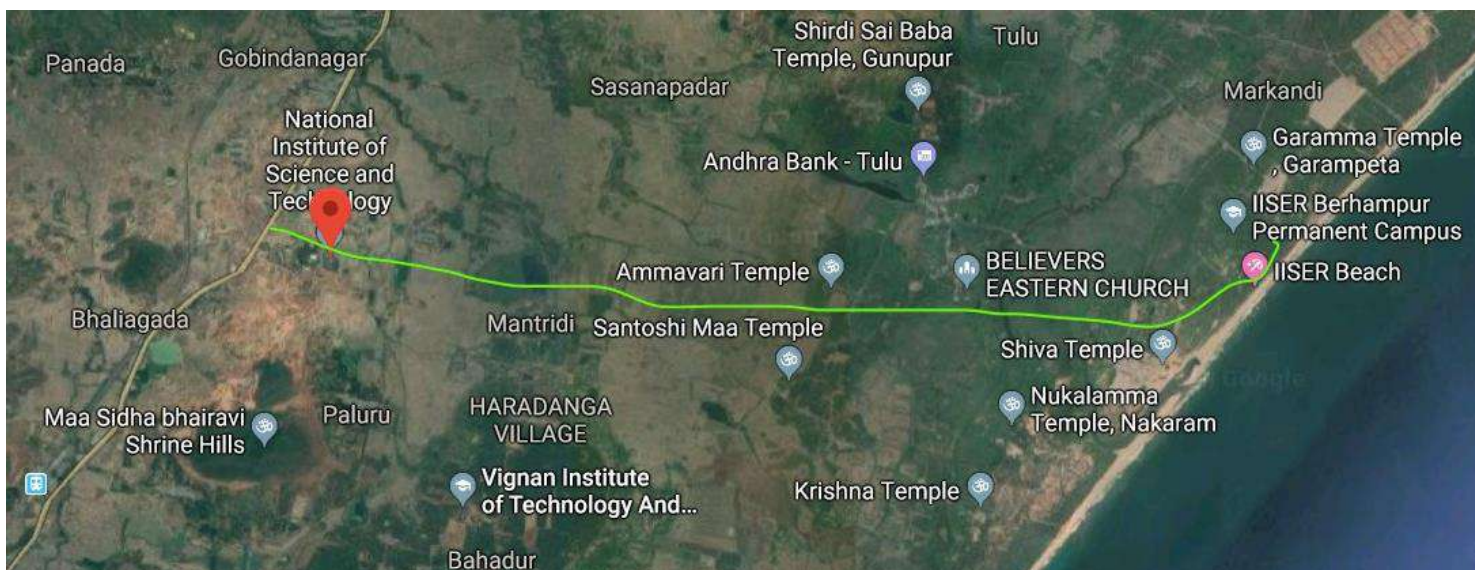
The NIST University is in the process of building Global Innovation Centers (GICs) in four key areas:

- 5G and Future Communication
- Semiconductor using Advanced Materials
- Artificial Intelligence
- Biotechnology with a focus on Marine Biotech

The GICs are built and/or planned to be developed with global collaboration of industries, labs, universities, and govt. The technical resourcing to support these GICs at NIST University is through a three-tier approach:

- External subject matter experts (SMEs), Innovators, Researchers, Thought Leaders, and Policy Makers from different parts of the world (specifically from the USA and Europe)
- Faculty members led by senior professor/dean with focused applied research and innovation in the specific area
- Student community specifically PhD, M.Tech/M.Sc and Final Year B.Tech students who are passionate in the specific areas of research

The objective is to leverage research, innovation, and product prototype/PoC in those key technology areas. GICs are expected to attract companies for product development in those key segments and/or develop the startup/companies (Make in Odisha/India initiative) with commercial production. The near-term objective is to have a technology corridor in southern Odisha leveraging nearby research universities/institutes (e.g., NIST University, IISER ...) and Tata SEZ facility. NIST University is expected to serve as the de-facto R&D facility and an epicenter of innovation for high-tech companies in different verticals. This will certainly help our state of Odisha to become a high-technology hub of national eminence in the near future.



## 5G AND FUTURE COMMUNICATION

The NIST University has already established the 5G and Future Communication Global Innovation Center (GIC). The GIC infrastructure is provided by Celona ([www.celona.io](http://www.celona.io)), California, USA. The GIC has complete 5G infrastructure including core, radio (GNodeB), and antennas supporting Private Wireless Networks (PWN). NIST University campus is currently running a 5G network leveraging the mid-band spectrum provided by DoT.

NIST University is also working with the Institute of Electrical and Electronics Engineers (IEEE), USA in providing 5G/6G testbeds worldwide. This will enable access to 5G/6G testbed globally to industries, research labs, researchers, and the student community for collaborative innovation and evolution of 5G/6G technology. NIST University is working with Celona, USA collaboratively for publications, research grants, and patents. In addition, both NIST University and Celona are in discussion with mining sectors for the deployment of 5G technology in support of smart mining in India. This will differentiate mining

## GLOBAL INNOVATION CENTERS (GICS)

sectors for not only using the latest communication technology (i.e., 5G) first-time in the mining vertical, but also for significant increases in productivity, safety, and security, and enabling automation in moving towards the era of smart mining. Given in Odisha there are around 1260 mines, this will be a game changer for the state and potentially Celona, USA opening a 5G production unit in the state.



## SEMICONDUCTORS USING ADVANCED MATERIALS

NIST University is in the process of developing the Semiconductor Fabrication Global Innovation Center (GIC) leveraging advanced materials in a differentiated way.

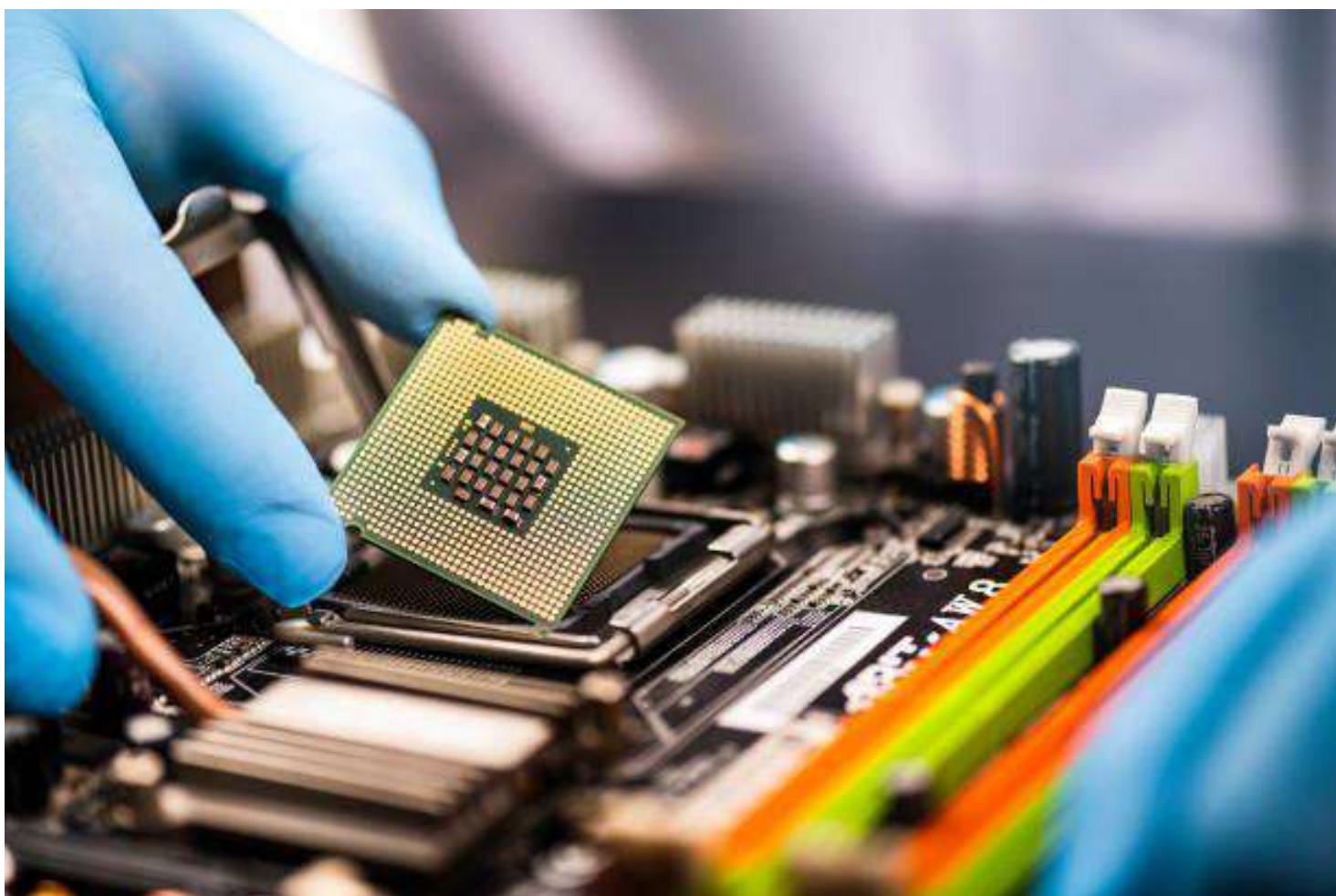
India needs to empower its semiconductor visions by propelling innovation infrastructure leading to productizations in emerging technologies that are most conducive for scale-up in India. Advanced compound semiconductor devices (Gallium Arsenide GaAs, Gallium Nitride GaN, Indium Phosphide InP, Silicon Carbide SiC, and Silicon Germanium Si-Ge) enabling drones, electric vehicles, advanced wireless (5G) and telecommunication (100 Gb/s), renewable energy, smart power grid, mobile internet-of-things can position India as the production hub of such immense value-added industries. The silicon-based semiconductor industry faces stiff competition and decreasing margins due to large capacity in China, Taiwan, Germany, and the USA, whereas compound semiconductor-based chipsets are in controlled technology regimes and ideal for pursuing in India with collaboration from the USA, as China has limited access to achieve dominance in these new generation and strategic sectors.

## GLOBAL INNOVATION CENTERS (GICS)

“Make-in-India” technology developments by NIST University and USA Technology company/ University collaborated Center for India Advanced Compound Semiconductors (IACS) facility in GaN, InP, SiC, and SiGe will create an ecosystem of global-scale excellence in Berhampur/Odisha region that can replace existing Silicon Valley, and spur large scale product development in subsystems (power electronics, control devices, detectors) and eventual sectoral dominance in Drones, Unmanned Autonomous System, EV, 5G, ultrahigh-speed telecom, smart grids, and next generation telemedicine.

This advanced “Make-in-India” technology development facility will transform Berhampur /Chhatrapur (Southern Odisha) into a new cradle of advanced semiconductor technologies that will bring India into a global semiconductor leadership position. Once established, apart from R&D and product development, this facility will also train semiconductor manpower across Odisha/India as well as usher commercialization of developed chipsets across the country.

NIST University is in active discussion with companies in the US and semiconductor funding organizations in India to have the Semiconductor GIC at NIST University.



## ARTIFICIAL INTELLIGENCE

The use of Artificial Intelligence (AI) is integrated into the work-life culture at NIST University. AI has been extensively used now at the University from content creation, AI chatbots, translation service, advertising, and marketing to social media branding. NIST University has private cloud infrastructure, hardware, and software tools in support of state-of-the-art laboratories for research and innovation in AI and ML. We are now working with multiple industries (e.g., [www.saclit.in](http://www.saclit.in)) collaboratively in this area to transform innovation into commercialization/productization. The key objective is to bring innovation in various focus areas to real-life products in collaboration with various industries. The areas of focus are:

- Healthcare (Predictive healthcare)
- Industries (Manufacturing focused)



## GLOBAL INNOVATION CENTERS (GICS)

As per the Odisha Gazette Notification, No 192, January 25, 2024 (issued by the Department of Science and Technology) the Biotechnology Policy of Odisha encourages the Center of Research Excellence (CRE) in Biotechnology in different regions of Odisha. Southern Odisha (specifically Gopalpur region) is the most suitable location to have CRE on Marine Biotechnology. At the guidance/suggestion from “Make in Odisha Conclave 2022”, the NIST and Indian Institute of Science Education and Research (IISER – Berhampur) have applied for a research grant for the Biotech CRE at Berhampur. The same may be supported by Govt. of Odisha for the realization of the envisioned Biotech Park in the State.

Scaling up for commercial development and IPR generation requires the identification of marine organisms and a list of potential biomaterials and bioactive natural products of health, cosmetics, and commercial value. Genomic and metagenomic analysis of marine species of high value or near extinction is to create a catalogue of the marine life of Odisha. Exploration of potential methods for sustainable cultivation and extraction of the shortlisted biomaterials and bioactive natural products to produce on a higher scale for further usage and commercialization is critical.

The facilities and grant for exploration and genomic sequencing of bio-diverse species of Odisha coastal belt not only shall make Odisha’s Biotech Park a reality but also attract companies to Odisha with interest in health care and cosmetic product development. In addition, it will help ocean tourism, protection of endangered species, and targeted commercial fishing activities with huge financial and employment benefits to the state of Odisha.



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान बरहमपुर  
Indian Institute of Science Education and Research Berhampur  
Established by the Ministry of Education, Govt. of India

निदेशक का कार्यालय / Office of the Director  
कार्यालय आदेश / Office Order

संख्या/No. IISERBPR/DO/2023/05

दिनांक/Date: January 19, 2023

### TO WHOM IT MAY CONCERN

This is to state that the Indian Institute of Science Education and Research (IISER) Berhampur in collaboration with the National Institute of Science and Technology (NIST), Berhampur is pleased to propose a collaborative project entitled, “Berhampur Centre for Research Excellence in Biotechnology” to be co-located at both institutions.

On behalf of the IISER Berhampur, we commit to sharing necessary infrastructure and facilities as detailed in the proposal towards the successful completion of the project. Given the ecological, social and regional significance of the project to the State of Odisha, we are pleased to be the founding partner in this endeavour.

Signature & Seal of the Head of Institute

Prof. Yogendra Sharma

भारतीय विज्ञान शिक्षा एवं  
Director / Head  
INDIAN INSTITUTE OF SCIENCE  
EDUCATION AND RESEARCH BERHAMPUR  
Transit Campus: Govt. ITI Premises  
Berhampur, Ganjam-760 010 (Odisha)

Date: January 19, 2023  
Place: Berhampur, Odisha



## NIST UNIVERSITY WELCOME ITS FIRST VICE CHANCELLOR



Prof. Priyadarsan Patra is a distinguished academic leader with extensive expertise in higher education administration, strategic leadership, and technical innovation. He earned his PhD in Computer Science from The University of Texas at Austin, where he was an MCD Fellow and a visiting scholar at Oxford University. With a career spanning academia and industry, he has held key leadership positions, including Pro Vice-Chancellor at DIT University, Dean of Computer Sciences at UPES, and Founding Dean at XIM University. His contributions to accreditation, curriculum development, and student affairs reflect his strong administrative acumen.

where he played a pivotal role in system architecture and validation. His visionary leadership in technology management, academic governance, and research innovation has significantly advanced institutions and fostered excellence in education and industry collaborations. His expertise in fostering industry-academia partnerships has led to groundbreaking research and innovation in emerging technologies.

NIST University proudly welcomes Prof. Priyadarsan Patra as its first Vice Chancellor, entrusting him with the vision of propelling this newly established institution to unprecedented heights through his profound leadership, unwavering dedication, and resolute determination. Under his leadership, the university aims to establish cutting-edge research centers and global collaborations that redefine the future of education. With a

envisioned a transformative academic ecosystem that nurtures innovation, entrepreneurship, and societal impact.

**Prof. Priyadarsan Patra**  
Vice Chancellor, NIST University

## ACADEMIC PROGRAMS

At NIST University, our academic programs foster innovation, critical thinking, and lifelong learning. Spanning undergraduate to doctoral levels across diverse disciplines, each program blends academic rigor with hands-on experience, industry relevance, and research opportunities. We aim to develop not just graduates, but responsible professionals and global citizens equipped to shape the future. The sections below offer detailed insights into our academic offerings.

### SCHOOL OF ENGINEERING

#### B.Tech

- Computer Science and Engineering
- Computer Science and Engg.(AI & ML)
- Computer Science and Engg. (Data Science)
- Information Technology
- Electronics and Comm. Engineering
- Electrical & Electronics Engineering
- Civil Engineering
- Electrical Engineering
- Mechanical Engineering

#### M.Tech

- Computer Science and Engineering
- Electronics and Comm Engineering
- VLSI & Embedded System's Design
- Wireless Communication Technology
- Electrical Engineering
- Mechanical & Automation Engineering

#### BCA

#### MCA

### SCHOOL OF MANAGEMENT

- MBA (Dual Specialisation)
- Marketing
- Human Resource (HR)
- Finance
- Business Analytics
- Production and Operation

### SCHOOL OF SCIENCE

#### M.Sc.

- Physics
- Chemistry
- Mathematics
- Data Science
- Biotechnology

#### B.Sc.

- Bachelor in Computer Science

#### Ph. D

## PLACEMENT

The placement season of 2024 has been a year of resilience and achievement, despite the challenges posed by an unsettled job market. Throughout the year, NIST University has continued to strengthen its reputation in the industry, with notable contributions to the professional development of our students.

### KEY STATISTICS:



### KEY STATISTICS:



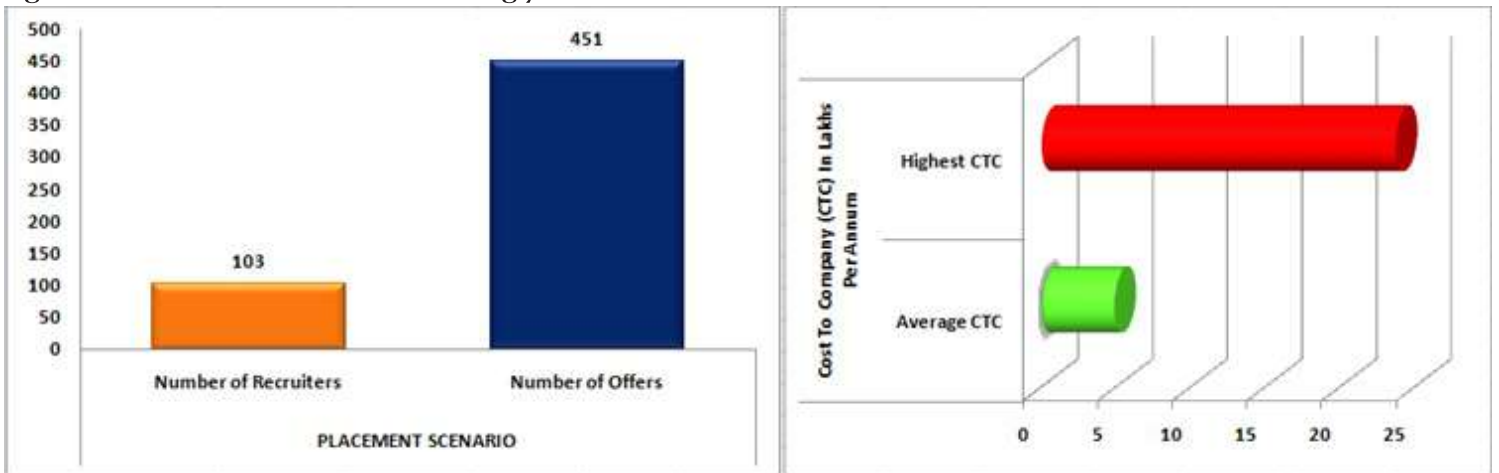
## Challenges

One of the major challenges faced this year was the absence of mass hiring due to an unsettled job market. The global economic uncertainty and industry-specific slowdowns created a less predictable recruitment environment, which impacted the volume of hiring compared to previous years. Despite these conditions, our commitment to preparing students with the right skills and professional readiness ensured successful placements across various domains.

## Conclusion

The 2024 placement season has been a testament to the strength and adaptability of our students and the continued trust of our industry partners. We continue to innovate and collaborate with leading companies, preparing our students to excel in the global job market. We are optimistic about future placement opportunities and remain dedicated to enhancing the employability of our students by strengthening industry ties and focusing on skill development.

This year has marked another successful milestone for NIST University, and we look forward to even greater achievements in the coming years.



## PLACEMENT HIGHLIGHTS 2024 - 25

**28**  
years of Excellence

**23.85 LPA**  
Highest CTC

**5 LPA**  
Average CTC

**18k+**  
Strong Alumni Network

**451+**  
Number of Offers



## Highest Package

**23 Lakhs**  
Per Annum

**R Hiranmayee**

Placed in



## INCUBATION (INCUBATION WITH INNOVATION)

### Start-Up & Industry Collaboration

#### D2C Innovation Summit 2024: Fostering Collaboration in Jaipur

The D2C Innovation Summit 2024, hosted by Innovher in partnership with FORHEX and supported by I-Start & MeitY, took place from August 9th to 12th at the Forhex Fair in Jaipur. As Rajasthan's first event dedicated to the Direct-to-Consumer (D2C) sector, it brought together industry leaders, skilled artisans, and aspiring entrepreneurs. Prabhas Raj Panigrahi from the NIST Incubation Center attended, inspiring small entrepreneurs to pursue incubation opportunities at NIST University.



#### NIST Incubation Center Team Engages with DST for Start-Up Support



A team from the NIST Incubation Center, led by Mr. Prabhas Raj Panigrahi and Dr. Sushanta Kumar Sahoo, visited the Department of Science & Technology in New Delhi. They had an in-depth

discussion with Dr. Praveen Roy (Scientist "G") on developing incubation centers and encouraging youth participation in India's growing startup culture. Dr. Roy assured full support from DST to enhance the startup ecosystem in South Odisha, fostering positive expectations for NIST University's entrepreneurial initiatives.

#### Odisha TEC Conclave: Strengthening Industry-Academia Collaboration

The Odisha TEC Conclave, organized at KIIT TBI on October 19, 2024, under the DST's Technology Enablement Center (TEC) initiative, fostered collaboration between academia and industry. Researchers showcased their innovations, while industry leaders highlighted key challenges requiring solutions. The event aimed to promote shared research infrastructure and enhance productivity by bridging the gap between academic expertise and industrial needs, driving



#### Launch of Campaign for NIST Science Talent Search-2024



The NIST Science Talent Search (NSTS) 2024 campaign began in November and will run until

## INCUBATION (INCUBATION WITH INNOVATION)

### Start-Up & Industry Collaboration

December 31, 2024, covering Odisha, Chhattisgarh, Jharkhand, Bihar, West Bengal, Assam, Meghalaya, Tripura, and Manipur through physical outreach. Four teams have been deployed to conduct awareness drives across these states, aiming to identify and encourage young scientific talent, reinforcing NIST's commitment to fostering innovation and excellence. This initiative also provides students with a platform to showcase their scientific aptitude and creativity.

### MSME and Startup Trade Fair – Accelerating Business to The Next Level

The MSME department organized a Startup Trade Fair in Bhubaneswar, bringing together startups from eastern states to showcase their prototypes on 13th Nov 2024. A delegation from NIST attended to collaborate with innovators and support them through NIST Incubation Foundation. Several promising products were identified for market integration with NIST innovations. This initiative aims to bridge innovation with commercialization, fostering entrepreneurial growth and accelerating startups toward market success.



### TEC Connect and Convergence Held at KIIT-TBI

The TEC monthly convergence meet was held on 14 November 2024 at KIIT-TBI, bringing together institutes from Odisha, Jharkhand, West Bengal, and Northeast states. Delegates exchanged ideas to enhance research productivity and strengthen institutional collaboration. The conclave highlighted the cluster approach, emphasizing joint initiatives among geographically nearby institutions. The event reinforced TEC's commitment to fostering innovation, interdisciplinary research, and strategic partnerships for a more impactful research

ecosystem. Panel discussions, interactive sessions, and presentations showcased best practices and ongoing research across member institutions. Participants explored opportunities for resource sharing, joint funding applications, and collaborative publications. The meet concluded with actionable roadmaps aimed at sustaining momentum and driving collective growth.



### BPUT Carnival: Technology Innovation Challenge Showcases Bright Minds

The Biju Patnaik University of Technology (BPUT) hosted its Tech Carnival on 20th November 2024 at Nalanda Institute of Technology, Chandaka. A key highlight was the Technology Innovation Challenge, judged by Prabhas Raj, CEO of NIST Incubation Foundation, along with other dignitaries. Students showcased innovations in AI, sustainable energy, and automation. The event promoted creativity, mentorship, and industry networking, concluding with an award ceremony recognizing top projects.



## SCHOLARSHIPS:

- Sibling Scholarship:** This scholarship is provided to the sibling of a student. The amount offered is Rs 10,000 per student, one-time only.
- Merit Scholarship:** This scholarship is considered for all the students of B. Tech, M. Tech, MBA and MCA who has secured greater than 9.0 CGPA without any back papers (valid for one academic year). Additional criteria may be considered during the selection process. The amount of scholarship is Rs. 3000/- per semester.
- Best B.Tech Project Award:** Each year best B.Tech Projects are selected under different categories like Software Development, Hardware Development, Renewable Energy etc., and awarded with a cash prize of Rs. 5000 each.
- Gold Medal:** Each year, it is the tradition of NIST to reward the toppers (of the final year), for exemplary academic performances. It is applicable to the toppers of B. Tech, MBA, MCA, M. Tech, M.Sc. and B.Sc. program.
- Teaching Assistantship:** 1,000/month for 2nd-4th year students assisting faculty; available in departments with  $\geq 80\%$  seat occupancy.
- Industry Collaboration Honorarium:** Stipend awarded for participating in industry-funded projects as per agreement with the organization.
- Research Assistantship:** 2,000/month for 2 months for UG/PG students involved in faculty-led research.
- M.Tech Scholarship:** M. Tech scholarship/stipend is given to meritorious students taking admission to NIST. A monthly scholarship of Rs.4000 is awarded to non-GATE students under this scheme. Students with a valid GATE score will get a stipend that is set by the MHRD, Govt. of India.
- Ph.D. Scholarship:** Ph.D. scholarships/stipends (Rs 15,000 per month) are awarded to the meritorious candidates admitted to NIST.

## RESEARCH PUBLICATION:

### Patent Published:

**Dr. Manjushree Nayak** published a patent entitled "Computational Framework for Predictive Modeling of Molecular Interactions Using Artificial Intelligence", with application no. 202411009507 A in 2024. The inventors are Dr. Manjushree Nayak, Dr. Shafqat Alauddin, Dr. Kavita Khatana, Mr. Balaji, M. Ravi Kishore Veluri, Dr. Chinmaya Guru, Dr. V. Sabari Dolly, Jinu R, and Dr. Sajith S.

**Dr. Manjushree Nayak**, Associate Professor, Department of Computer Science and Engineering, has published a patent entitled "Intelligent Monitoring System for Visually Impaired People to Detect Obstacles Using Smart Blind Stick (SBS)", with Indian Patent Application No. 202441093182 A, in December 2024. The inventors are Dr. Sangam Malla, Dr. Prabhat Kumar Sahu, Dr. Manjushree Nayak, Dr. Smita Rath, Dr. Mitrabinda Khuntia, and Manish Chandra Roy.

### Journal publication:

**Dr. Ashwini Kumar Behera**, Assistant Professor, Dept. of Physics, has published a research article entitled "Plasma Screening Effect on H-Atom Within the Model of Manning-Rosen Interaction" in the European Physical Journal Plus, having DOI: [org/10.1140/epjp/s13360-024-05593-2](https://doi.org/10.1140/epjp/s13360-024-05593-2) in September 2024. The researcher is A. K. Behera.

**Dr. Ashwini Kumar Behera**, Assistant Professor, Dept. of Physics, has published a research article entitled "An Exact Treatment of Localization of Electromagnetic Plus Separable Potential" in the Revista Mexicana de Física, having DOI: [org/10.31349/RevMexFis.70.051201](https://doi.org/10.31349/RevMexFis.70.051201) in September 2024. The researchers are A. K. Behera, B. Swain, U. Laha, and J. Bhoi.

## RESEARCH PUBLICATION:

### Journal Publication

**Dr. Ayesha Tasnim**, Assistant Professor, Dept. of English, has published a research article entitled "Gopinath Mohanty's Paraja: Social Ethnographic Traces" in the UGC CARE-listed Journal RASE, vol. 20, 2024, pp. 10-22.

**Dr. Barada Prasad Sethy**, Assistant Professor, Dept. of Civil Engineering, has published a research article entitled "Optimizing Construction Time, Cost, and Quality: A Hybrid AHP-NSGA-III Model for Enhanced Multi-Objective Decision Making" in the Asian Journal of Civil Engineering, in December 2024. The authors of the article are Barada Prasad Sethy, Priyanka Gupta, Abhishek Chandra, Krushna Chandra Sethi, Amir Prasad Behera, and Kamal Sharma.

**Dr. Barada Prasad Sethy**, Assistant Professor, Dept. of Civil Engineering, has published a research article entitled "Prediction of Swelling Pressure of Expansive Soil Using Machine Learning Methods" in the Asian Journal of Civil Engineering, in October 2024. The authors of the article are Sumit Gahlot, Rajat Mangal, Abhishek Arya, Barada Prasad Sethy, and Krushna Chandra Sethi.

**Dr. B. Sambhi Reddy and Dr. Prajapati Naik**, Associate Professors, Dept. of Mechanical Engineering, have published a research article entitled "Hybrid Composite Materials from Crotalaria and Borassus Fibers: Mechanical and Water Absorption Properties" in the Journal of Solid Waste Technology and Management in Dec. 2024. The authors of the article are T. Ramu, Prajapati Naik, and B. Sambhi Reddy.

**Dr. Deepak Acharya, Assistant Professor**, Dept. of Mathematics, has published a research article entitled "Inclusion of Two Summability Methods for Improper Integral" in the Journal of Advanced Studies in Contemporary Mathematics in Nov. 2024. The researchers are Subrata Kusahu and Deepak Acharya.

**Prof. Durgamadhab Padhy**, Assistant Professor, School of Management Studies, has published a research article entitled "Prioritizing the Dimensions of Organizational Support: Perspective from Indian Logistic Companies" in the Annals of the Bhandarkar Oriental Research Institute in 2024. The researchers are Durgamadhab Padhy, Dr. Sadanand Sahoo, and Dr. Santanu Kumar Dash.

**Prof. Krishna Prasad E. S. N. Ponnekanti**, Professor, Dept. of CSE, published a research article entitled "Deep Interpolation-Based Hyperspectral-Multispectral Image Fusion via Anisotropic Dependent Principal Component Analysis" in the Journal of Multimedia Tools and Applications in 2024. The researchers are Gunnam Suryanarayana, K. Shri Ramtej, D. Srinivasulu Reddy, P. E. S. N. Krishna Prasad, and Avagaddi Prasad.

**Prof. Krishna Prasad E. S. N. Ponnekanti**, Professor, Dept. of CSE, published a research article entitled "Ensemble Recognition Model with Optimal Training for Multimodal Biometric Authentication" in the Journal of Multimedia Tools and Applications in 2024. The researchers are K. Pavan Kumar, P. E. S. N. Krishna Prasad, Sureah Y, M. Rajesh Babu, and M. Jogendra Kumar.

**Dr. Kunjabihari Swain**, Associate Professor, and **Dr. Murthy Cherukuri**, Professor, Dept. of Electrical Engineering, have published a research article entitled "A Hybrid Approach for Power Quality Event Identification in Power Systems: Elastic Net Regression Decomposition and Optimized Probabilistic Neural Networks" in the Journal of Heliyon on 30th Sep. 2024. The authors of this article are Indu Sekhar Samanta, Pravat Kumar Rout, Kunjabihari Swain, Murthy Cherukuri, Subhasis Panda, Mohit Bajaj, Vojtech Blazek, Lukas Prokop, and Stanislav Misak.

**Dr. Kunjabihari Swain**, Associate Professor, and **Dr. Murthy Cherukuri**, Professor, Dept. of Electrical Engineering, have published a research article entitled "Fuzzy Markov Model for the Reliability Analysis of Hybrid Microgrids" in the Journal of Frontiers in Computer Science on 10th Jun. 2024. The authors of this article are Kunjabihari Swain, Murthy Cherukuri, Indu Sekhar Samanta, Abhilash Pati, Jayant Giri, Amrutanshu Panigrahi, Hong Qin, and Saurav Mallik.

## RESEARCH PUBLICATION:

### Journal Publication

**Dr. Manjushree Nayak**, Assistant Professor, Dept. of CSE, published a research article entitled “An Optimized Recurrent Neural Network for Re-Modernizing Food Dining Bowls and Estimating Food Capacity from Images” in the Journal of Entertainment Computing in 2024. The researchers are N. Veena, M. Prasad, S. Aruna Deepthi, B. Swaroopa Rani, Manjushree Nayak, and Siddi Someshwar.

**Dr. Manoj Kumar Pradhan**, Assistant Professor, Dept. of Chemistry, has presented a research article entitled “Advances in Synthesis, Medicinal Properties, and Biomedical Applications of Pyridine Derivatives: A Comprehensive Review” in the European Journal of Medicinal Chemistry Reports on 5th Sep. 2024. The researchers are Duryodhan Sahu, P. S. Rama Sreekanth, Prasanta Kumar Behera, Manoj Kumar Pradhan, Amit Patnaik, Sachin Salunkhe, and Robert Cep.

**Dr. Runu Sahu**, Assistant Professor, Dept. of Mathematics, has published a research article entitled “Chemical Reaction, Electrification, Brownian Motion, and Thermophoresis Effects of Copper Nanoparticles on Nanofluid Flow with Skin Friction, Heat, and Mass Transfer” in the East European Journal of Physics in Dec. 2024. The researchers are A. K. Pati, M. M. Rout, and Runu Sahu.

**Dr. Sabyasachi Rath**, Professor, Dept. of Management Studies, has published a research article entitled “Synergistic Effects of Fe and Ag Doping on the Structural and Optical Properties of a TiO<sub>2</sub> Thin Film: A Dual Function Platform for Hydrogen Generation and Dye Degradation” in the Journal of Dalton Transactions on 28th Sep. 2023. The researchers are Suman Kalyan Chaudhury, Sukanta Sarkar, Sabyasachi Rath, and K. Harun.

**Prof. Sandipan Mallik**, Associate Professor, Dept. of Electronics Engineering, published several articles in 2024: “Asymmetric Doping-Dependent Electron Transport Mobility in In<sub>x</sub>Ga<sub>1-x</sub>As/GaAs Quantum Well Field-Effect Transistor Structure” in Physica Status Solidi (B). “Performance Characterization of Ferroelectric GaN HEMT Based Biosensor” in Microsystem Technologies. “Design Prospect of CdTe Solar Cell Using NW-CdS Window Layer and 3D Graphene as Back Electrode from Numerical Approach” in Indian Journal of Physics. “Fabrication of Highly Transparent Substrates from Waste Materials for Electronic Device Applications” in ACS Applied Electronic Materials. “Enhancement of Photon Absorption in Thin Film CdTe Solar Cell with Microtextured Quartz Substrate” in Materials Today: Proceedings.

**Prof. Swadhin Kumar Mishra**, Assistant Professor, Dept. of Electronics Engineering, published a research article entitled “Meta-Heuristic Optimization Techniques for Scheduling in Multiple-Input Multiple-Output Multiple-Access Channel Systems” in the International Journal of Communication Systems in

### CONFERENCE

**Dr. Abinash Dutta**, Assistant Professor, Dept. of Biotechnology, presented a paper entitled “Tasar silkworm, *Antheraea mylitta* as a model organism: AntimiRNA-bDNA-based strategy to target cancer” in the International Conference and Workshop on “New Approach Methodologies (NAMs) in Pharmacology and Toxicology Testing” organized by Mahatma Gandhi Medical Advanced Research Institute - Sri Balaji Vidyapeeth, Puducherry, India, from 5th to 7th December 2024.

**Prof. Alok Patra, Prof. Aswini Kumar Khuntia, Prof. Souren Misra, and Prof. Santosh Kumar Panda** presented a paper entitled “Flow Measurement by Using Vortex Strength Method” in the IC3SEA 2024 conference on 26th July 2024.

**Prof. Aruna Kumar Samantaray, Prof. Aswini Kumar Khuntia, Prof. Souren Misra, and Prof. Santosh Kumar Panda** presented a paper entitled “A Decision Tree Regression-Based Performance Analysis of a Duct Air-Conditioning Test Rig” in the IC3SEA 2024 conference on 26th July 2024.

**Prof. Aswini Kumar Khuntia, Prof. Alok Patra, Prof. Souren Misra, and Prof. Santosh Kumar Panda** presented a paper entitled “Analysis of a Flow Through a Crescent Orifice by Using Machine Learning” in the ICMMSSE 2024 conference on 16th August 2024.

## RESEARCH PUBLICATION:

### CONFERENCE

**Dr. Bibhudutta Mishra**, Assistant Professor, Dept. of Biotechnology, presented a paper entitled “Identification of Potent Small Molecules as Ligands to Exhibit Potential Binding to the Protease of Coronaviruses” in VIROCON 2024 (Indian Virological Society) on 12th November 2024.

**Prof. Durgamadhab Padhy**, Assistant Professor, School of Management Studies, presented a research article entitled “Financial Planning of Youngsters for Sustainable Future” in the International Conference on Sports Science & Management on 23rd April 2024. The researchers are Truptimayee Panigrahy and Durgamadhab Padhy.

**Dr. Kunjabihari Swain**, Associate Professor, and **Dr. Murthy Cherukuri**, Professor, Dept. of Electrical Engineering, presented a paper entitled “Enhanced Seizure Detection Through a Robust Denoising Autoencoder with Attention Mechanism” in the 2024 Second International Conference on Networks, Multimedia and Information Technology (NMITCON) in September 2024.

**Dr. Manjushree Nayak**, Assistant Professor, Department of Computer Science and Engineering, presented a paper entitled “AI-Powered Dermatology: Revolutionizing Skin Cancer Detection Through Machine Learning Algorithms” in the 2024 International Conference on Cybernation and Computation (CYBERCOM) in November 2024.

**Dr. Manjushree Nayak**, Assistant Professor, Department of Computer Science and Engineering, presented a paper entitled “Integrating Eye Gaze Estimation with the Internet of Medical Things (IoMT) for Individualized and Efficient Healthcare” in the 2024 2nd World Conference on Communication & Computing (WCONF) in July 2024.

**Dr. Manjushree Nayak**, Assistant Professor, Dept. of CSE, presented a research article entitled “Revolutionizing Healthcare Management: IoT-Based Medicine Dispenser and Temperature Monitoring Systems” in an IEEE conference on 3rd September 2024. The authors are Manjushree Nayak, Jiten Kumar Gardia, Umashankar Ghugar, Amit Jain, and Rakesh Nayak.

**Dr. Murthy Cherukuri, Professor, and Dr. Kunjabihari Swain**, Associate Professor, Dept. of Electrical Engineering, presented a paper entitled “Epileptic Seizure Detection Using Denoising Autoencoder” in the 2024 International Conference on Emerging Systems and Intelligent Computing (ESIC) in September 2024.

**Dr. Murthy Cherukuri, Professor, and Dr. Kunjabihari Swain**, Associate Professor, Dept. of Electrical Engineering, presented a paper entitled “Real-Time Incident Monitoring for Smart Cities Using IoT” in the 2024 International Conference on Emerging Systems and Intelligent Computing (ESIC) in September 2024.

**Prof. Sabyasachi Rath, Truptimayee Panigrahy, and Shreya Satapathy** presented a paper entitled “Brand Resonance and Sustainability Marketing: Impact and Implications” in the International Conference on Managerial Excellence & Sustainable Growth: IT & Operational Issues (ICMESG'24) on 17th February 2024.

**Dr. Sabyasachi Rath, Professor**, Department of Management Studies, presented a paper entitled “Sustainable Solutions: Transitioning to a Green Energy Economy — Indian Initiatives and Impact” in the International Scientific Conference on Sustainable Environment: Transition to Green Energy Systems (ICICNIS) on 6th December 2024.

**Prof. Santosh Kumar Panda, et al.**, presented a paper entitled “Two-Phase Multiplier and Slip Analysis of a Circular Orifice” in the ICMMSE 2024 conference from 20th to 22nd March 2024.

**Prof. Souren Misra, Prof. Arun Kumar Samantary, Prof. Aswini Kumar Khuntia, and Prof. Santosh Kumar Panda** presented a paper entitled “Machine Learning-Based Approach for the Heat Transfer

## RESEARCH PUBLICATION:

### CONFERENCE

**Dr. Susmita Mahato, Associate Professor**, Department of Computer Science and Engineering, presented a paper entitled “Race–Stega: A Racing Game–Based Information Hiding Scheme” in the 2024 International Conference on IoT-Based Control Networks and Intelligent Systems (ICICNIS) on 18th December 2024.

### BOOK CHAPTERS:

**Dr. Ayesha Tansim**, Assistant Professor, Department of English, has published a book chapter “Shashi Deshpande's The Long Silence: An Agony of Indian Women” in the book Gender, Society and Minority: New Perspectives, published by Empyrean Publishing House in April 2024.

**Dr. Ayesha Tansim**, Assistant Professor, Department of English, has published a book chapter “Shashi Deshpande's Novels: A Poignant Reflection of Complex Relationships” in the book Voices Unveiled: Women in Literary Landscape, published by Author's Press in April 2024.

**Dr. Manjushree Nayak**, Assistant Professor, Department of Computer Science and Engineering, has published a book chapter “Image Denoising Using Wavelet Thresholding Technique in Python” in the book Image Processing with Python: A Practical Approach, published by IOP Publisher in 2024. The authors are Devanand Bhonsle, Shruti Tiwari, Roshni Rahangdale, Manjushree Nayak, Ruhi Uzma Sheikh, and Anu G. Pillai.

**Dr. Manjushree Nayak**, Assistant Professor, Department of Computer Science and Engineering, has published a book chapter “Empowering Safety: A Deep Dive into AI and Machine Learning Solutions for Women's Security” in the book AI and Application Tools for Women's Safety, published by IGI Publisher in 2024. The authors are Omkar Pattnaik, Manjushree Nayak, Sasmita Pani, Rahul Kumar, and Bhisham Sharma.

**Dr. Manjushree Nayak**, Assistant Professor, Department of Computer Science and Engineering, has published a book chapter “Precision Profiling: The Microeconomic Dynamics of Small Business Tax Optimization Through Digital Twins and Blockchain” in the book Ensuring Security & End-to-End Visibility Through Blockchain & Digital Twin, published by IGI Publisher in 2024. The authors are Manjushree Nayak, Shreeekta Pattnayak, Subham Sharma, and Omkar Pattnaik.

**Dr. Manjushree Nayak**, Assistant Professor, Department of Computer Science and Engineering, has published a book chapter “Artificial Intelligence Using Federated Learning” in the book Artificial Intelligence Using Federated Learning: Fundamentals, Challenges, and Applications, published by CRC Press on December 12, 2024.

**Dr. Manjushree Nayak**, Assistant Professor, Department of Computer Science and Engineering, has published a book chapter “Revolutionizing Energy Storage in Electric and Hybrid Vehicles” in the book Artificial Intelligence Techniques for Sustainable Development, published by CRC Press on December 19, 2024.

**Dr. Manjushree Nayak**, Assistant Professor, Department of Computer Science and Engineering, has published a book chapter “Participation in the Community and Education” in the book Developing AI, IoT, and Cloud Computing–Based Tools and Applications for Women's Safety, published by Chapman and Hall/CRC on December 5, 2024.

**Dr. Manjushree Nayak**, Assistant Professor, Department of Computer Science and Engineering, has published a book chapter “Unlocking Business Insights: Leveraging the Synergy of Business Intelligence and Artificial Intelligence for Effective Data Analytics” in the book AI in the Social and Business World: A Comprehensive Approach, published by Chapman and Hall/CRC on October 15, 2024.

**Dr. Manjushree Nayak**, Assistant Professor, Department of Computer Science and Engineering, has published a book chapter “Social Welfare and Artificial Intelligence's Role: A Comprehensive Summary of the Study” in the book AI in the Social and Business World: A Comprehensive Approach, published by

## RESEARCH PUBLICATION:

### BOOK CHAPTERS:

**Dr. Manjushree Nayak**, Assistant Professor, Department of Computer Science and Engineering, has published a book chapter “Image Denoising Using Wavelet Thresholding Technique in Python” in the book Image Processing with Python: A Practical Approach, published by Chapman and Hall/CRC in July 2024.

**Prof. Sabyasachi Rath**, Professor, Department of Management, has published a book chapter “Patient Satisfaction and Marketing Effectiveness in Selected Large Hospitals” in the book Futuristic Trends in Management, published by Iterative International Publishers (IIP) in 2024.

**Dr. Sasmita Padhy and Dr. Preeti Ranjan Sahu**, faculty members from the Department of Electrical Engineering, have published a book chapter “PPA-Tuned PI-PD Controller for a Microgrid in Uncertain Environments” in the book Lecture Notes in Electrical Engineering, published by Springer Nature Singapore for sustainable development on December 20, 2024.

**Dr. Yerra Shankar Rao**, Assistant Professor, Department of Mathematics, has published a book chapter “An Epidemiological Model of the Monkeypox Virus and Its Quarantine Effects” in the book Mathematical Methods in Medical and Biological Sciences, published by Elsevier on November 11, 2024.

### WORKSHOPS ORGANIZED:

**Dr. Basant Kumar Sahu**, Associate Professor, Department of Electrical Engineering, organized a hands-on workshop on "Protecting Your Innovations: A Comprehensive Overview of Patenting in India and International Jurisdictions" on February 5, 2024. The workshop was incorporated by the IPR Cell of NIST University.

**Dr. Prajapati Nayak**, Assistant Professor, Department of Mechanical Engineering, and **Dr. Basant Kumar Sahu**, Associate Professor, Department of Electrical Engineering, organized an AICTE-sponsored Three-Day Workshop under AICTE-VAANI on “Industry 4.0 and Smart Manufacturing (Additive Manufacturing, Lean Manufacturing, Reverse Engineering, Advanced Robotics and Automation, IoT, 3D Printing)” from July 10-12, 2024. The workshop was conducted at NIST University.

### WORKSHOPS AND WEBINARS ATTENDED:

**Dr. Ayesha Tasnim**, Assistant Professor, Department of English, attended a seven-day Coursework Workshop on “Developing Creative and Critical Writing Skills”, organized by Bhupal Nobles University, Udaipur, Rajasthan, from January 31, 2024, to February 9, 2024.

**Dr. Bibhudutta Mishra**, Assistant Professor, Department of Biotechnology, attended a webinar organized by the American Chemical Society, titled “Do General Nucleophilicity Scales Exist?” on October 24, 2024.

**Dr. Bibhudutta Mishra**, Assistant Professor, Department of Biotechnology, attended a webinar organized by Discovery Boulevard, titled “Molecular Docking Workshop” on December 23, 2024.

### FDP ATTENDED:

**Dr. Abinash Dutta**, Assistant Professor, Department of Biotechnology, attended an AICTE Training and Learning (ATAL) Academy Faculty Development Program titled "Healthcare and Med Tech: Innovations, Challenges, and Future Directions", organized by Delhi Technological University, India, from December 9, 2024, to December 14, 2024.

**Dr. Aswini Kumar Nayak**, Assistant Professor, Department of Electrical Engineering, attended an FDP titled "AI/ML Solutions for Industry 4.0: Applications Spanning from Embedded Systems to VLSI Technology", organized by Silicon University, Bhubaneswar, from August 19, 2024, to August 24, 2024.

## RESEARCH PUBLICATION:

### FDP ATTENDED

**Dr. Ayesha Tasnim**, Assistant Professor, Department of English, attended a one-week national-level FDP titled "Unveiling Knowledge Through Experimental Learning", organized by the Career Development Cell (CDC), Gokul Global University, Siddhpur, Gujarat, from April 8, 2024, to April 13, 2024.

**Dr. Ayesha Tasnim**, Assistant Professor, Department of English, attended a three-day online FDP titled "Citation and Reference Management for Scholarly Writing", organized by IQAC, NSB Bengaluru, and Mendeley, Netherlands, from February 26, 2024, to February 28, 2024.

**Dr. Basant Kumar Sahu**, Associate Professor, Department of Electrical Engineering, attended an FDP titled "AI/ML Solutions for Industry 4.0: Applications Spanning from Embedded Systems to VLSI Technology", organized by Silicon University, Bhubaneswar, from August 19, 2024, to August 24, 2024.

**Dr. Basant Kumar Sahu**, Associate Professor, Department of Electrical Engineering, attended an AICTE Training and Learning (ATAL) Academy Faculty Development Program on "Data Science Using Python", conducted by the Computer Science and Engineering Department, from November 25, 2024, to November 29, 2024. This FDP was organized by NITTTR Chandigarh & NIST University, Berhampur.

## WORKSHOP, SEMINAR & TALK:

### SEMINAR/WEBINAR

Date	CONFERENCE/ WORKSHOP	EXPERT
03Sep, 2024	"Tinker to Tech" Innovation Event Series	NIST University IEEE
05Aug, 2024	5G Communication Systems and Applications	Experts from BSNL, Dr. M. Satya Prasad and Mr. B. S. S. Rao,
12Aug, 2024	International Conference on Technology Advances for Green Solutions and Sustainable Development	Department of Computer Science & Engineering, NIST University

### WORKSHOP

Date	SEMINAR/WEBINAR/FDP	EXPERT
11 March, 2024	Faculty Development Program on Navigating Management Research: Innovative Strategies and Techniques (NMRIST-24)	Around 12 international and national speakers delivered their talks, and approximately more than 200 participants attended.it was coordinated by Dr. Amarnath Padhi (Department of Management Studies)
02 Aug, 2024	Faculty Development Program on Python Programming	Dr. Venkateswara Rao Tirumalasetty from Web Synergies organised by Dept. Of mathematics

## WORKSHOP, SEMINAR & TALK:

### WORKSHOP

10Jul, 2024	AICTE-VAANI workshop on Manufacturing and Industry 4.0	Dr. Subrata Panda from NIT Rourkela. Organised by AICTE -VAANI, Co ordinate by Prof. Prjapati Nayak (Dept. of Mechanical Engineering)
22July 2024	FDP on Systematic literature review and Bibliometric analysis (SLR and BA-2024)	Prof. (Dr.) Sudhakar Patra, from the Department of Economics Coordinated by Dr. Gayatri Panda, Dr Pramath Nath Acharya ( Department of Management Studies)

### TALK

Date	TALK	EXPERT
08 Aug, 2024	Key Methods Powering ChatGPT, Gemini & LLMs	Dr. Swaroop Mishra, Research Scientist from Google DeepMind's
31Jul, 2024	From Campus to Career: Excelling in Interviews	Mr. Sudeep Misra, an esteemed alumnus from the 2001-05 batch and Director of Global Marketing at ServiceNow,
22 Jul, 2024	Campus to Corporate: Navigating a Career in Semiconductor Technology,"	Mr. Sidharth Ranjan Panda, a distinguished alumnus from the BTech ECE 2008 -12 batch and Senior Engineering Manager at Intel, Texas,
26 Dec, 2024	Mastering Research Proposal Writing for Funding Success	Dr. Sibarama Panigrahi, Assistant Professor at NIT Rourkela's CSE Department
30 Dec, 2024	AI-Powered Inspection of Built Infrastructure	Dr. Dhanada Mishra, Managing Director of RaSpect, Hong Kong,
27Dec, 2024	GeoSpatial AI in Agriculture.	Dr. Arunanshu Mahapatro, Associate Professor at VSSUT, Burla
2 Nov, 2024	Research Paper Writing: Tips and Strategies to Enhance Research Visibility	Dr. B Rajanarayan Prusty, Professor & Dean (Research) at Galgotias University and a proud NIST alumnus

## ACADEMICS COLLABORATION



Research Collaboration with Academia Sinica, Taiwan



Brunel University London, UK



Indian Institute of Technology, Kanpur



Myongji University, Seoul, South Korea



Research collaboration with National Taiwan University, Taiwan



New Jersey Institute of Technology, NJ, USA



Stanford University, CA, USA



University of California at Riverside, CA, USA



Signed MoU with University of Electro-Communication, Japan

## ACADEMIC COLLABORATION (LOCAL):



SBRG (Auto./Jr.) Women's College  
Sashi Bhusan Roth Govt. Autonomous/Junior Women's College  
Berhampur, Ganjam-760001  
(NAAC Accredited B++)



ଗଜପତି ବିଜ୍ଞାନ ମହାବିଦ୍ୟାଳୟ, ଛତ୍ରପୁର, ଗଞ୍ଜାମ, ଓଡ଼ିଶା  
Government Science College, Chatrapur, Ganjam, Odisha



Ganjam College  
Ganjam



BERHAMPUR CITY COLLEGE  
BERHAMPUR

## PHD SUPERVISED

**Dr. Pradyumna Kumar Patra**, Associate Professor, Department of Electronics and Communication Engineering, NIST University, Berhampur, supervised Mr. Harikrushna Gantayat on his PhD thesis titled: "Development of Robust and Efficient Direction of Arrival Estimation Algorithm in Multipath/Impulsive Noise Wireless Environment." Co-Supervisor: Dr. Trilochan Panigrahi, Associate Professor, Department of Electronics and Communication Engineering, NIT Goa.

**Dr. Sudhakar Das**, Professor, Department of Electronics and Communication Engineering, NIST University, Berhampur, supervised Mr. Bhabani Sankar Gouda on his PhD thesis titled: "Distributed Self Fault Diagnosis in Dynamic and Sparse Wireless Sensor Networks." Co-Supervisor: Dr. Trilochan Panigrahi, Associate Professor, Department of Electronics and Communication Engineering, NIT Goa.

## PHD AWARDED

**Dr. Harikrushna Gantayat**, Assistant Professor, Department of Electronics and Communication Engineering, has completed his Ph.D. from Biju Patnaik University of Technology, Odisha, with the thesis titled: "Development of Robust and Efficient Direction of Arrival Estimation Algorithm in Multipath/Impulsive Noise Wireless Environment." Date of Award: 13/09/2024 Supervisors: Dr. Pradyumna Kumar Patra, Associate Professor, Department of Electronics and Communication Engineering, NIST University, Berhampur; Dr. Trilochan Panigrahi, Associate Professor, Department of Electronics and Communication Engineering, NIT Goa.

**Dr. Bhabani Sankar Gouda**, Assistant Professor, Department of Computer Science and Engineering, has completed his Ph.D. from Biju Patnaik University of Technology, Rourkela, Odisha, with the thesis titled: "Distributed Self Fault Diagnosis in Dynamic and Sparse Wireless Sensor Networks." Date of Award: 03/01/2025 Supervisors: Dr. Sudhakar Das, Professor, Department of Electronics and Communication Engineering, NIST University, Berhampur; Dr. Trilochan Panigrahi, Associate Professor, Department of Electronics and Communication Engineering, NIT Goa.

## PHD RECEIVED:

**Dr. Pradeep Kumar Jena**, Associate Professor, Department of Computer Science and Engineering, NIST University, has completed his Ph.D. from Berhampur University with the thesis titled: "Image Pattern Analysis using Machine Learning." Date of Award: 09/11/2024 Supervisors: Dr. Bonomali Khuntia, Associate Professor, Department of Computer Science, Berhampur University, Berhampur Dr. Trilochan Panigrahi, Associate Professor, Department of Electronics and Communication Engineering, NIT Goa.

**Dr. Sujith A**, Assistant Professor, Department of Computer Science and Engineering, has successfully completed his Ph.D. from University of Kerala, Thiruvananthapuram, Kerala, with the thesis titled: "Knowledge-Based Approaches for Plant Analysis Using Digital Images." Date of Award: 02/07/2024 Supervisor: Dr. Aji S., Associate Professor, Department of Computer Science, and Director, Centre for Data Science and Information Processing (CDSIP), University of Kerala.

## FACULTY ACCOMPLISHMENT:

Sl No	Name	Promoted to Administrative position
1	Dr. P Rajesh Kumar	Dean Of Academic
2	Dr. Bishnukar Nayak	Registrar (I/C)
3	Dr. Preeti Ranjan Sahu	Associate Dean Student Welfare
4	Dr. Rajesh Kumar Patjoshi	Head of the Department
5	Dr. Sasmita Padhy	Head of the Department
6	Dr. Subrata Kumar Sahu	Head of the Department

## STUDENTS ACHIEVEMENTS:



**Mr. Sitaram Nayak**, a final-year B.Tech student from the Department of Computer Science & Engineering, has been recognized for his co-authored research on "A Fragmentation and Crosstalk-Aware RMSCA Framework for SDM-EONs," presented at the IEEE ICTON 2024 conference in Italy. His work addresses key challenges in spectrum management and signal integrity within space-division multiplexed optical networks. This achievement underscores his dedication to advancing cutting-edge technologies and brings pride to the institution's research community.

**Mr. Swarup Mohapatra**, a final-year B.Tech student from the Department of Computer Science & Engineering, has also earned international recognition for co-authoring the research titled "A Fragmentation and Crosstalk-Aware RMSCA Framework for SDM-EONs," presented at the IEEE ICTON 2024 conference in Italy. His contribution focused on optimizing resource allocation and minimizing interference in high-capacity optical networks. This remarkable accomplishment reflects his commitment to innovation and reinforces NIST University's position as a hub for impactful research.



## STUDENTS ACHIEVEMENTS:

### NIST University Students Secure Prestigious Fully Funded Research Internship in Taiwan

NIST University is proud to announce that three of its students have been selected for the fully funded International Summer Research Internship Program in Taiwan under the Taiwan Experience Education Program (TEEP), in collaboration with the Ministry of Education (MOE), Taiwan. B. Himansu Reddy (3rd year, ECE) and Pavan Kumar Potnuru (3rd year, CSE) have secured placements at the Department of Electrical Engineering, National Changhua University of Education (NCUE). Pratik Mohanty (3rd year, ECE) has joined the Department of Electronic Engineering at Feng Chia University. This prestigious opportunity allows students to engage in cutting-edge research, gain global exposure, and collaborate with leading experts in their respective fields. NIST University congratulates these outstanding students on their remarkable achievement and wishes them success in their research endeavors.



Mr. Pratik Mohanty (3rd year, ECE)



Mr. B. Himansu Reddy (3rd year, ECE)



Mr. Pavan Kumar Potnuru (3rd year, CSE)

### NIST Alumna Kamakshi Brahma Secures Prestigious MRIP Fellowship



Ms. Kamakshi Brahma, an alumna of the Department of Physics at NIST University, has been selected for the Mukhyamantri Research & Innovation Fellowship Program (MRIP) by the Government of Odisha. Currently serving as a Project Associate in the Novel Materials Research Laboratory, Department of Physics, Kamakshi has demonstrated outstanding academic and research excellence. She secured 3rd rank in Material Science across the state, a testament to her dedication and achievements in the field. This prestigious fellowship will provide her with exceptional opportunities to pursue advanced research, collaborate with top experts, and contribute to groundbreaking innovations in material science. NIST University takes immense pride in her success and wishes her continued excellence in her academic and research journey.

### NIST University Celebrates R. Hiranmayee's Prestigious "Visweswaraya Prativa Award" Win

NIST University congratulates R. Hiranmayee, a B.Tech final-year student in Computer Science & Engineering, for receiving the prestigious "Visweswaraya Prativa Award" at the Odisha Technological Conclave 2024. Presented by the Ever Green Forum during the Engineers' Day 2024 celebrations, this award recognizes her exceptional achievements in academics. Hiranmayee's accomplishment reflects her dedication and hard work, bringing pride to the NIST community and reinforcing the university's commitment to academic excellence. This recognition serves as an inspiration for aspiring engineers, motivating them to strive for innovation and excellence in their respective fields. NIST University applauds her outstanding achievement and wishes her continued success.



## CLUB AT NIST



### NIST INTEGRATED CLUB COUNCIL

**Uniting Diverse Passions: Introducing the NIST Integrated Club Council.**



#### THE MEDIA MOVERS

"Create. Connect. Collaborate"

The MediaMovers is a vibrant and inclusive student society, launched by the NIST PR Cell exclusively for NISTians. Our mission is to build a strong community focused on learning, networking, and personal growth through social media. The society provides a platform for students to enhance their digital presence, develop creative content, and engage with a wider audience. Through interactive sessions and collaborations, MediaMovers empowers students to showcase their talents and stay ahead in the evolving digital landscape.



#### NATIONAL CADET CORPS

NCC

The National Cadets Corps came into existence under the National Cadet Corps Act XXXI of 1948. The NCC aims at developing comradeship, discipline, a secular outlook, the spirit of adventure and ideals of selfless service amongst young citizens. NIST NCC unit was started its journey in 2021. It is functioning under 1(0) Naval Unit NCC, which comes under group head quarter Berhampur with strength of 70 cadets.



#### ELECTRONICS HOBBY CLUB

"Innovate to Implement"

EHC has been the platform for those who have ventured to go beyond the conventional theory in the field of electronics. Be it the Hardware competition in 'Sankalp' or the



'Electronics Month' or the performance in 'Tech fests' across India, EHC has always carried the tag of success.



#### ASTRONOMY CLUB

"Gazing Beyond the Limits..."

The NIST Astronomy club aims to create interest amongst the students to observe the sky through telescope and popularize astronomy among them. The club wants to establish a planetarium inside the campus in future to motivate the students to gaze beyond the limits.



## CLUB AT NIST



### CLUB INNOVA

"Dare to Dream, strive to excel"

Doing something different has been the desire of great minds. Desire needs to be tailored and guided by a proper counsellor to produce a constructive outcome. In order to understand the term "INNOVATION" and resurrect every mind with the essence of innovation, the Club Innova was pioneered at NIST. The Club Innova have attracted the freshers the most as it is a multi-genres club and they make art & craft, content and poetry writing, guitar performance, singing, and fun game event like electric quiz board which attracts all the freshers towards the club. This club welcomes students from all genres which makes this club one of the favourites among all others. This is also known as the 1st club in NIST.



### EUREKA CLUB

"EUREKA: Rediscover Yourself"

With a quest for literary brilliance, EUREKA organizes inter-school and inter-college literary competitions every year. Apart from this, the club also performs skits and plays in English, and offers students Business English Certificate (BEC) courses in collaboration with British Council.



### ART AND DRAMATIC CLUB

"Creation from Recreation..."

NIST AD Club promotes events where students hone their real time management skills and accelerate their personality growth in true terms. It takes up socio-cultural problems as events and exposes the members to the other side of civil society. If filmmaking and coining slogans excite you then this club is definitely for you.



### CLUB EXCEL

"Lets go and excel in the field of programming for creating efficient and innovative solutions o the real world problems"

Club Excel enhances the creativity of the students and acquaints them with the current industry and real world problems. Innovative thinking is the only factor that decides



one's survival in the corporate life. CLUB EXCEL organizes mega programming events in each semester. No wonder its members bagged 7 awards in Top 10 in Wipro's "Code Zap Guru" contest, 2010.



### CAT CLUB

"Let's bell the cat"

The CAT Club helps club members and all the students in placement activities. It provides test series for cracking competitive exams such as CAT (Common



Admission Test), organises events such as Grand Master, an inter college chess tournament and analytical events such as Devil's Advocate and Senator. It gives students an opportunity to nurture their talent and reach the zenith of success. CAT club of NIST conducted the mega event of the club, The Grand Master 2.0. Many colleges of Odisha participated in this Inter College Chess Tournament to win the title of the Grand Master. The event was a huge success.



### CLOUD COMPUTING CLUB

The NIST Cloud Computing Club is a vibrant, student-driven platform designed to immerse learners in the fast-evolving world of cloud technology. The club fosters a culture of



collaboration, innovation, and continuous learning, enabling members to explore cloud infrastructure, services, and real-world solutions to contemporary challenges. Whether you're a beginner or an experienced developer, the club offers hands-on opportunities to advance your skills in cloud architecture, data management, and distributed computing. With guidance from expert mentors and access to state-of-the-art cloud platforms, students can experiment, innovate, and build scalable, cloud-native applications. The club regularly organizes workshops, hackathons, and certification drives to enhance practical learning and industry readiness. It actively collaborates with industry partners and cloud service providers to offer real-world exposure and internship pathways. Members graduate with a solid foundation in cloud computing—ready to tackle the demands of tomorrow's tech landscape.

## CLUB AT NIST



### NIST MUSICAL SOCIETY

"Culture is the widening of the mind and of the spirit"

In the whispers of the wind or the swirl of the ripples, the rhythm of the river or the chorus of the birds, music is everywhere. Music is cherished without inhibitions or prohibitions. It is the universal language which knows no boundaries yet has the strength to cleanse the malaise of any soul. It can bring a whole new meaning to this journey called life. This is what NMS dreams to achieve. Its first album "Phoenix" was a super hit.



### MULTIMEDIA CLUB

"So, what are you waiting for? Grab the opportunity... Welcome to the clan of MULTIMEDIA DESIGNERS"

The multimedia club of NIST invites students of all disciplines to be part of their multimedia club. They learn from their mistake and always tries to create something new. They provide the platform to exploit one's creative instincts. It is said that "the liberty to make mistakes provides the best environment for creativity". The club guides new members from scratch, also they tutor the freshers and facilitating them to reach the zenith of their creativity.



### ROBOTICS CLUB

"Integration of Innovation and Intelligence"

NIST Robotics Club (NRC) aims at energizing young engineering minds towards the next era of technological evolution. It is a multidisciplinary club incorporating Computer Science, Electronics, Electrical, and Mechanical Engineering. NRC is a known face in Robotics in India and has won many national and state level accolades truly standing to its mission integrating innovation and intelligence.



### CIVENG'S CLUB

"You see the world, The way we built.."

NIST CIVENG'S CLUB, a club from the Department of Civil Engineering, aims to encourage the development of a professional consciousness, provide an opportunity for the



students to become acquainted with effective team skills and promote a spirit of congeniality among them. Every year, the club conducts fun and strategic events like:

**DEFECTOGRAPHY:** This event is nothing but a presentation of photographs clicked by the participants which shows the damaged structure or things which can be cured by applying the engineering knowledge.

**JENGA:** A game where players take turns to remove wooden blocks from a stack formed brickwise, the loser being the player whose actions cause the tower to fall. Once the tower is built, the person who built the tower gets the first move.

**SETUBANDHAN:** This is the major events that this club conducted both sankalp. It the most participated – event in the history of two year of all competition conducted in sankalp by the virtue of number of participants.

**REKHACHITRA:** This event is generally conducted during Sankalp. It is a major event, & as the name says it's an Auto CAD 3D model drawing competition. The one who draws the most complicated model using the largest number of different



### PHOTOGRAPHY CLUB

Foto Folks is a club of like-minded NIST students and faculty members who say it better through pictures. A group of amateurs, they sacrifice their moments to make the others' memorable. The club is an integral part of every event held in the campus. It's tough to spot them, nobody knows where they are lurking; they shot with the precision of a hitman and present NISTians the most candid moments. Besides, they take part in photo exhibitions and competitions. They have often been felicitated for their passion and creativity.



# CLUB AT NIST



## TEAM NSS "Not Me But You"

National Service Scheme (NSS) was launched in Gandhi Ji's Centenary year, 1969. It is a government-sponsored public service program under the Ministry of Youth



Sports of the Government of India. NSS NIST started its journey on 4th Aug 2013. In a short span it has become a renowned social mover in the region and regularly conducting different social activities through out the year.



## NIST Renewable Energy Club "Innovation heals the future"

The Renewable Energy Club was established in 2007 in collaboration with OREDA (Odisha Renewable Energy Development Agency), a



undertaking, with the motto of spreading awareness about nature and its resources. It works towards making the world a healthier, cleaner, and better place to live in. The club actively organizes workshops, seminars, and hands-on projects to promote the use of renewable energy sources and sustainable practices. Through its initiatives, it inspires students to become eco-conscious innovators and contribute to a greener future.



## EVENTS 2024

Date	Major Event
06 Jan, 2024	Campus Cleanliness program at NIST campus by NSS Team and NCC.
08 Jan, 2024	Campus visited by Jawahar NavodayaVidyalaya (JNV)under Vigyan Jyoti Program for empowering girls in STEM.
16 Jan, 2024	Workshop on AWS Cloud with Artificial Intelligence
20 Jan, 2024	International Conference on “Artificial Intelligence of Things for Sustainability “organized by the School of Computer Science & Engineering.
22-27 Jan, 2024	Faculty Development Program on Systematic Literature Review and Bibliometric Analysisby the school of Management
26 Jan, 2024	Celebration of Republic Day at NIST University.
08 Feb, ,2024	Press Conference on “Global Innovation Center 5G and Future Communication Research”.
10 Feb,2024	Two-day Workshop on “Leadership Strategies for Vibrant Teaching” Conducted by Indian Institute of Public Administration (IIPA).
10 Feb, 2024	NIST(Autonomous) has Transitioned into NIST University.
14 Feb, 2024	Celebration of Vasant Panchami at NIST University.
14 Feb, 2024	Inauguration of NIST University by Shri Naveen Patnaik (Hon’bleChief Minister of Odisha).
16 Feb, 2024	Counselling Session by NCS.
19 Feb, 2024	Workshop on “5G and Future communication “organized by Department of Electronics and Communication Engineering
19 Feb, 2024	School of Management Studies NIST University organized “International Faculty Development Program on Navigation strategies and Techniques (NMRIST-24)”.
20 Feb, 2024	NIST University’s Research and Innovation Cell and Placement cell jointly hosted a Seminar on “Exploring the Advantages of Overseas higher Education”.
20 Feb, 2024	On International Mother language Day, NIST University hosted a Two-day program focusing on the Language and “Cultural Heritage of south Odisha “.

## EVENTS 2024

26 Feb, 2024	NIST Musical society Performed at the Berhampur Mahanagar Mahotsav.
27 Feb, 2024	Swag distribution event conducted by Google Developer Students Club NIST University.
28 Feb, 2024	Renewable Energy Club Organized Event “Decode and dodge”.
29 Feb, 2024	NIST University hosted “NeighborhoodYouth Parliament “along with Nehru Yuva Kendra
01 Mar,2024	Celebration of National Science Day by School of Science at NIST University.
2 Mar,2024	Pre-Event Competition “Queen of the Queens “in International Women’s day at NIST University
02 Mar,2024	Generative AI and Chat Gpt Workshop by Data Science Club
04 Mar, 2024	Three-day workshop on “Financial Market “conducted by the School of Management Studies
08 Mar, 2024	Celebration of International Women’s Day at NIST University.
11 Mar, 2024	Inaugural of Annual grand Inter-College sports Festival “Kurukshetra”
18 Mar, 2024	Workshop on “Frontend Development Using React “by Club Excel.
21 Mar, 2024	Inaugural ceremony of national level techno management symposium “SANKALP 2024”
26 Mar, 2024	Celebration of HOLI at NIST University.
10 Apr, 2024	Tabacco Awareness workshop at NIST University
27 Apr, 2024	NIST University hosted an event “Come with Your Children to workplace” Coordinated by AD club & NDC.
22 Apr, 2024	Farewell (Bidding Adieu) of Batch 2020-2024.
30 Apr, 2024	NIST University Commemorated World Intellectual Property Day, Organized by Innovation and Incubation Cell (IIC).
01 May, 2024	Department of Biotechnology, NIST University in collaboration with DSSIMAGETECH PVT.LTD hosted an enlightening webinar “Seeing The Invisible: Revealing the Microscopic World through Brightfield, Fluorescence, and Confocal Imaging”.
13 May, 2024	Farewell ceremony for NCC students
03 Jun, 2024	Inauguration of Summer Training Program
21 Jun 2024	Celebration of International YOGA DAY

## EVENTS 2024

28 Jun, 2024	Farewel of MBA, MCA & MSc students of Batch 2024
10 Jul, 2024	Insightful Talk on “Exploring Funding Opportunities through IEEE & Scope in Education and Entrepreneurship”
12 Jul, 2024	Three-day workshop on “Manufacturing and Industry 4.0” by NIST University.
17 Jul, 2024	Celebration of Van Mahotsav
22 Jul, 2024	NIST University welcomed Mr. Sidharth Ranjan Panda, a distinguished Alumnus from the BTech, ECE2008-12batch.
24 Jul, 2024	NIST University welcome Mr. Punit Kumar Sobit, BTech in IT (2008-2012), currently a Technology Lead at Infosys.
30 Jul, 2024	Inauguration of a new Canara Bank Branch at NIST University Campus
02 Aug, 2024	Five-day Faculty Development Program on “Python Programming” organized by Dept. of Mathematics at NIST University
01 Aug, 2024	Plantation Drive at NIST University.
01 Aug, 2024	NIST University welcome Mr. Sudeep Misran esteemed alumnus from 2001-2005 batch delivered an engaging talk titled “From Campus to Career: Excelling in Interviews and Group Discussions”.
05 Aug, 2024	Three-Day workshop on “5G Communication systems and Applications” conducted by Department of Electronics and Communication Engineering at NIST University.
08 Aug, 2024	Dr. Swaroop Mishra, Research Scientist at Google DeepMind delivered a talk titled “Key Methods Powering Chat GPT, Gemini & LLM: Instruction tuning, Prompting & Beyond” Organized by GDSC, IIC & IEEE chapter of NIST University
12 Aug, 2024	“International Conference on Technology Advances for Green Solutions and Sustainable Development” organized by Department of Computer Science and Engineering at NIST University.
13 Aug, 2024	Orientation Day at NIST University for Batch 2024.
15 Aug, 2024	Celebration of Independence Day at NIST University.
18 Aug, 2024	Protest (Justice for Moumita Debnath) by TeamNSS and AD Club at NIST University.
20 Aug, 2024	Two-Week Induction Program for BTech 2024 Batch.
21 Aug, 2024	Orientation Program for MTech, MCA & MBA students.
02 Sep, 2024	Induction Program for MBA Students.

## EVENTS 2024

03 Sep, 2024	The IEEE Student Chapter of NIST University Organized “Tinker to Tech- A hands -on journey from idea to innovation”
05 Sep, 2024	Celebration of Happy Teacher’s Day
07 Sep, 2024	Celebration of GANESH CHATURTHI
11 Sep, 2024	NIST University Welcome Mr. Gordhan N Patel, President, JP Laboratory, NewJersy, USA
16 Sep, 2024	Celebration of VISWAKARMAPUJA
16 Sep, 2024	57 <sup>th</sup> Engineering Day Celebration
17 Sep, 2024	NIST University hosted a distinguished talk under the AICTE approved “Marg darshan Scheme “on “Innovation in Curriculum” by Dr. Chadra Shekhar N. Bhende and “Product Development & Intellectual Property” by Dr. Venu Gopal Arum Uru at NIST University.
18 Sep, 2024	Internal Hackathon for Smart India Hackathon 2024 at NIST University.
20 Sep, 2024	“Customer Awareness Program “Organized by TRAI-Telecom Regulatory Authority of India with NIST University.
21 Sep, 2024	Blood Donation Camp at NIST University BY Team NSS, NIST University and Ama Odisha: A Sambaed Group Initiative
23 Sep, 2024	Organized Welcome Ceremony for newly Admitted BCA, BSc & MSc students.
24 Sep, 2024	Event “From Study to Skill: The Path of Professional success” Organized by NIST University and collaboration with Rama Narayan Higher Secondary School, Ura, Ganjam.
25 Sep, 2024	Inauguration of Society “The Media Movers (Media Center)” under the umbrella of NIST PR Cell
28 Sep, 2024	NIST University Welcome Hon’ble Vice Chancellor Prof. (Dr.) Priyadarshan Patra.
30 Sep, 2024	In Collaboration with Paper Cycle in NIST University hosted an awareness Program on Waste Management.
01 Oct, 2024	Celebration of IEEE Day at NIST University by IEEE Student Branch with an Innovators project Showcasing Expo.
02 Oct, 2024	Department of Management studies Organized an Event “Poster Competition “on Gandhi Jayanti.
05 Oct, 2024	NIST University hosted “Global Conference” On Next-Gen Artificial Intelligence and Machine Learning (NGAAIML -2024) as part of the 5 <sup>th</sup> Odisha AI Conference.

## EVENTS 2024

11 Nov, 2024	NIST University Organized a Seminar titled “From Study to Skill: The Path to Professional Success” at Sri Saraswati Sisu Mandirin Annuli, Berhampur
13 Nov, 2024	Workshop Conduct by Cloud Computing Club on “AI CLOUDWAVE: Generative AI with AWS”.
15 Nov, 2024	One-day workshop organized by NIST University on “Advancement in Science & Technology: EXPLOROTECH-Gateway to Future” hosted by Club Excel.
22 Nov, 2024	Management Club Organized an Event “HUNT-O-MANIA” at NIST University.
24 Nov, 2024	Celebration of NCC Day at NIST University.
02 Dec, 2024	NIST Kabaddi Team Organized the Inter-Kabaddi Winter Arc at NIST University.
02 Dec, 2024	Celebration of “FIT INDIA WEEK” at NIST University
04 Dec, 2024	Celebration of Navy Day at NIST University
04 Dec, 2024	NIST University Organized an event “Tug of War” on Navy Day with NCC Cadet at NIST University
07 Dec, 2024	NIST Counselling Service (NCS) organized an event “Mystic Maza” At NIST University.
08 Dec, 2024	NIST Alumni Meet 2024 at Bhubaneswar.
09 Dec, 2024	The NIST Management Club, in Collaboration with DIGENTCARE, the Social Service Initiative of the Association for Social Upliftment (ASU), hosted a Poster Making Competition at NIST University.
10 Dec, 2024	NIST CAT Club hosted an event “MIC DROP Upon Your Thoughts” at NIST University.
11 Dec, 2024	NIST University hosted “Garuda India Hackathon” Organized by Garuda Aerospace Pvt Ltd. at NIST University.
13 Dec, 2024	The Finalist of the NIST Science Talent Search-2023 Came together to participate in the Grand Final at NIST University.
14 Dec, 2024	Team NSS NIST Organized a heartwarming initiative called “Joy of Giving” in several under privileged areas of Berhampur.
20 Dec, 2024	NIST University received UGC Recognition.
24 Dec, 2024	SPOTLIGHT 3.0 organized by Club Innova
25 Dec, 2024	Celebration of Merry Christmas
27 Dec, 2024	Expert Talk by Dr. Arunanshu Mohapatra, Associate Professor in Department of Electronics and Telecommunication Engineering at VSSUT on “Geo Spatial Artificial Intelligence in Agriculture” at NIST University.
30 Dec, 2024	Civil Engineering Department of NIST University organized a talk on “AI-Powered Inspection built Infrastructure” by Dr. DhanadaK Mishra, MD at Respect AI, Hong Kong.

## NEWLY JOINED FACULTIES & STAFF

SL.NO	Month	Name	Last Qualification	Designation & Department
1	16.01.2024	J S Lipsha Das	BSC	Asst. Admission
2	16.01.2024	Sujata Kumari Pradhan	BA	Asst. Admission
3	16.01.2024	Alisha Padhy	BBA	Asst. Admission
4	23.01.2024	Debasis Biswal	M.Tech	Asst. Prof. CSE
5	01.08.2024	Manas Ranjan Patra	Ph.D	PhD – Professor, CSE.
6	29.01.2024	Soumya Ranjan Kara	B.Tech cont..	BTech – Lab Asst., ECE.
7	02.02.2024	Ashalata Panigrahi	Ph.D	Professor CSE
8	18.03.2024	Ashwini Kumar Behera	Ph.D	Asst. Prof. Physics
9	09.03.2024	Dhrubes Biswas	Ph.D	R&D
10	09.03.2024	Subhra Chowdhury	Ph.D	Professor ECE
11	01.06.2024	B Ujalesh Subudhi	M.Tech	Asst. Prof. CSE
12	03.06.2024	Saubhagya Ranjan Nath	M.Tech	Asst. Prof. CSE
13	19.06.2024	Biswajit Panda	Ph.D	Asst. Prof. Physics
14	14.06.2024	Sibaram Dalai	U-Matric	Driver
15	10.07.2024	Sabmit Kumar Shukla	Ph.D	Asst. Prof. CSE
16	22.07.2024	K Manoj Kumar	M.Tech	Asst. Prof. CSE
17	22.07.2024	Bandhan Panda	M.Tech	Asst. Prof. CSE
18	26.07.2024	Sudhanshu Sekhar Panda	MCA	Lab. Asst. CSE
19	29.07.2024	Indumati Mohapatra	MBA	Placement Executive
20	27.07.2024	T Sairam Subudhi	MCA	Lab asst. CSE
21	27.07.2024	Jitendra Kumar Das	MCA	Lab asst. CSE
22	25.06.2024	Parsuram Patro	U-Matric	Driver
23	31.07.2024	Panchanan Nath	M.Tech	Asst. Prof. CSE
24	09.08.2024	Sachit Kumar Nayak	B.Tech	Lab. Asst. CSE
25	07.08.2024	D Janak Rao	U-Matric	Driver
26	07.08.2024	Sankar Das	U-Matric	Driver
27	29.08.2024	Bhabani Prashad Mishra	M.Tech	Asst. Prof. CSE

## NEWLY JOINED FACULTY & STAFF

28	16.09.2024	Aswinee Kumar Mahapatra	MCA	Web Developer
29	13.09.2024	Laxmi Sahu	MCA	Lab. Asst. CSE
30	16.09.2024	Priyarani Behera	B.Tech	Lab. Asst. CSE
31	18.09.2024	Susanta Kumar Indrajit singh	Ph.D	Asst. Prof. Math
32	20.09.2024	Siba Sankar Dora	U-Matric	Driver
33	26.09.2024	Prof.Priyadarsan Patra	Ph.D	Vice Chancellor
34	01.10.2024	Abinash Dutta	Ph.D	Asst. Prof. Bio-tech
35	01.10.2024	Bibhudutta Mishra	Ph.D	Asst. Prof. Bio-tech
36	08.10.2024	Rankannidhi Sahu	Ph.D	Professor Emeritus
37	08.10.2024	Trinath Sahu	Ph.D	Professor Emeritus
38	19.10.2024	Anwesweta Panigrahi	MBA, Cont.Ph.D	Asst.Professor MBA
39	06.11.2024	Chittaranjan Kumar Nirala	B.Tech	Ui /Ux Designer
40	28.10.2024	M Jagadish Rao	U-Metric	Driver
41	01.11.2024	Amruta Pattnaik	Ph.D	Asst.Professor EE
42	28.11.2024	Prabin Panigrahi	Mech,Cont.Ph.D	Asst.Prof.CSE
43	03.12.2024	Saroj Kumar Padhi	BE	Head of Operation
44	19.12.2024	Arun Kumar Marandi	Ph.D	Associate Professor
45	10.12.2024	Mangulu Das	Ph.D	Metric Driver
46	24.12.2024	Debasis Mohanty	Ph.D	Asst.Prof. Mathematics



# NIST IN NEWS

**अंतरराष्ट्रीय सम्मेलन में एआइ पर हुई चर्चा**

**Meetings for Sustainability' talk held at NIST**

various journals. The event commenced with a warm welcome address by Principal Dr P Rajesh Kumar. Dr Ashutosh Dutta, Senior Scientist and 5G Chief Strategist at Johns Hopkins University, Baltimore, Maryland, graced as chief guest. Dr Manju Khari, Prof. Jawaharlal...

Dr Manas Ranjan Patra, Professor, School of Computer Science and Engineering, assumed the role of Programme Chair, while Dr Brojo Kishore Mishra, Professor and Head...

speakers like Dr Utpal Roy and Dr Chitaranjan Mahapatra. Dr Roy illuminated the...

**ନିଷ୍ଠ ବିଶ୍ୱବିଦ୍ୟାଳୟରେ ପରିସରରେ ଆଣ୍ଡି ଗୋବାକୋ ଉପରେ ସଚେତନ କର୍ମଶାଳା**

**Vimal Daga holds meet for NIST students**

**ସୋଲ ପାଇଣ୍ଡେସନ ବ୍ରହ୍ମପୁର ଟିମ୍ ପକ୍ଷରୁ ନାଷ୍ଟିକ୍ ସଚେତନତା**

**ନିଷ୍ଠରେ ଅନ୍ତର୍ଜାତୀୟ ସମ୍ମିଳନୀ**

**ନିଷ୍ଠ ବିଶ୍ୱବିଦ୍ୟାଳୟରେ ସାମାଜିକ ସଚେତନତା କାର୍ଯ୍ୟକ୍ରମ**

**ସକାଳ**  
THE SAKALA  
Brahmapur • 21 Jan 2024 • Page 4

**ନିଷ୍ଠ ଅନୁଷ୍ଠାନ ଠାରେ ଅନ୍ତର୍ଜାତୀୟ ସମ୍ମିଳନୀ**

**ନିଷ୍ଠ ବିଶ୍ୱବିଦ୍ୟାଳୟରେ କବିତାର ରସ ଉପରେ ଆଲୋଚନା ଚକ୍ର**

**ନିଷ୍ଠ ବିଶ୍ୱବିଦ୍ୟାଳୟରେ କବିତାର ରସ ଉପରେ ଆଲୋଚନା**

**ନାଲିଫୋର୍ଣ୍ଟିଆର ବିଶେଷଜ୍ଞଙ୍କ ନିଷ୍ଠ ବିଶ୍ୱବିଦ୍ୟାଳୟ ପରିଦର୍ଶନ**

**ବୈନକଥା**

**ନିଷ୍ଠ ବିଶ୍ୱବିଦ୍ୟାଳୟରେ କବିତାର ରସ ଉପରେ ଆଲୋଚନା**

**ନାଲିଫୋର୍ଣ୍ଟିଆର ବିଷୟ**

GRAB YOUR COPY NOW!



NIST  
UNIVERSITY



Officially documenting the **life** of current students at campus  
and reviving the campus **memories** for alumni.

[www.nist.edu](http://www.nist.edu)