

2023 ANNUAL REPORT

Annual Report 2023

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ABOUT NIST

NIST (Autonomous) is promoted by SM Charitable Educational Trust. The Trust was established in 1995 by Dr.Sukant K Mohapatra and Ms.Sanjeeta Mohapatra (both are NRIs based in the US) as Founder/Donor Trustees. Dr.Sukant Mohapatra is the founder chairman of the Trust and NIST, supporting and providing visionary guidance for NIST to become a world-class institute. NIST was established in the year 1996 by a group of academicians and technocrats educated in the top institutes of India and abroad. It is the first NRI educational venture in the state of Odisha and the first engineering college under Berhampur University and southern Odisha. The primary objective of the founders was to promote NIST as a center of academic excellence and research at par with international universities in their home state of Odisha. Keeping true to its core value, mission and vision, NIST has become top-notch institute in the state and country since its establishment in 1996.

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.



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:

- NIST is an Autonomous Institute - Status accorded by University Grant Commission
- NAAC has Accredited NIST with a Grade 'A' with a high score of 3.22
- NIST is NBA accredited
- NIST is ranked 69th by NIRE, 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 with Industries such as CADENCE, IBM, SAP Asia Pacific, National Instruments, Texas Instruments, and ARM, WIPRO and others.
- **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 Technology.

ACADEMIC PROGRAMS

NIST has been providing quality academic program (both long term & short term) in its different colleges. The details of the courses in several colleges are mentioned below.

COLLEGE OF ENGINEERING

B.Tech

Computer Science and Engineering
 Computer Science & Technology
 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

MCA

Ph.D

Engineering
 Management

EMPLOYMENT ORIENTED COURSES

COLLEGE OF SCIENCE

M.sc

Physics
 Chemistry
 Mathematics
 Data Science
 Biotechnology

B.sc

Physics
 Chemistry
 Mathematics
 Computer Science (Hons)
 Information Technology Management (ITM)
 Bachelor in Computer Application (BCA)
 Bachelor in Business Administration

COLLEGE OF MANAGEMENT & LIBERAL ARTS

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

PLACEMENT

The placement season of 2023 has been a remarkable year for our institution, reflecting both resilience and excellence in the face of global economic challenges. Despite widespread layoffs across industries, our students have showcased exceptional talent and adaptability, securing numerous offers from top-tier companies.

KEY STATISTICS:

127
Number of Recruiters

23.85 LPA
Highest CTC

5.4 LPA
Average CTC

400+
Number of Offers

TOP RECRUITERS:

Our graduates have been recruited by prestigious companies across various sectors. Some of the notable recruiters include:

Technology and IT



Manufacturing and Engineering



Consumer Goods



Finance and Consulting



Infrastructure and Energy



E-commerce

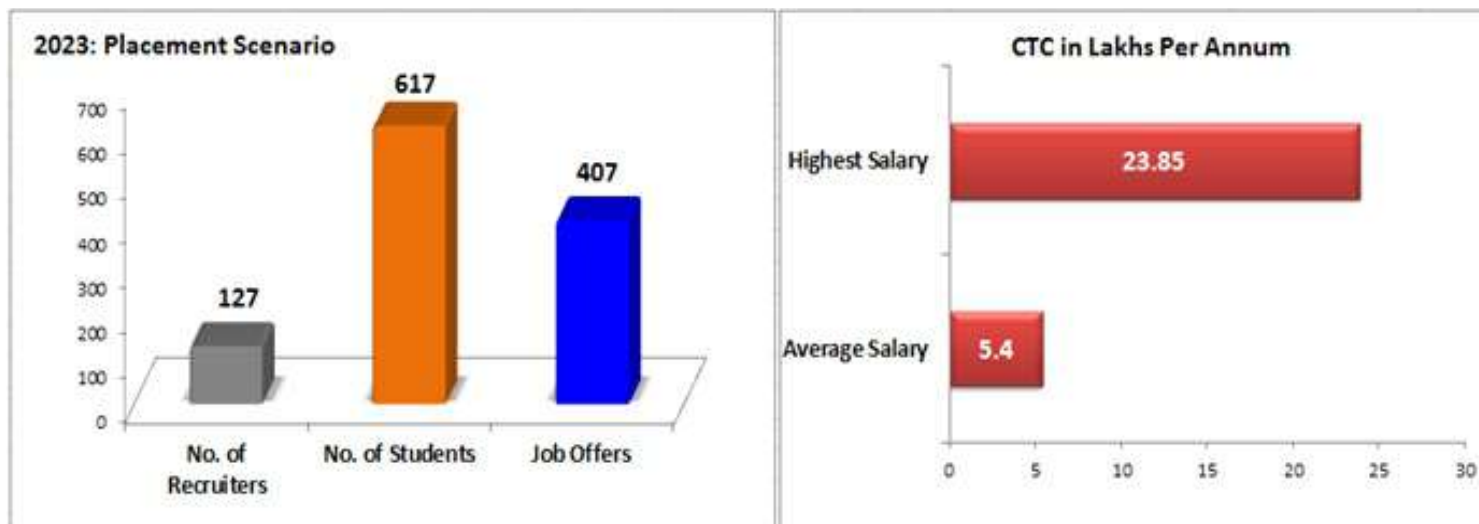


Logistics



CHALLENGES FACED AND SOLUTIONS

Despite the global economic challenges of 2023, including widespread layoffs, our placement team, faculty, and students successfully navigated these hurdles through collaboration, strategic planning, and a robust support system. This resulted in a placement season that underscored our institution's commitment to excellence, our students' preparedness for the job market, and the trust of our recruiting partners.



PLACEMENT HIGHLIGHTS 2023 - 24

Highest Package

23.85 Lakhs

Per Annum

Aditya Maharana

B.Tech, EEE, 2023 Batch



102+

RECRUITERS

4.9 LPA

AVERAGE PACKAGE

451+

JOB OFFERS

INCUVATIONS

NIST focuses on innovation and incubation where a project can successfully turn into a product. It has set up INCUVATIONS Foundation, a Section-8 entity (Non-profit) specializing in technology startups offering products and services exploiting technological expertise in the sectors of IoT (Internet of Things), CleanTech and ESDM (Electronics System Design and Manufacturing). Here students get to know about and solve the real problems in the industry and society with innovative solutions.

FACILITIES AT INCUVATIONS



CO-WORKING SPACE



MENTORSHIP & NETWORKING



SEED FUNDING & INVESTMENT



TECHNICAL SUPPORT



LEGAL & TAXATION CONSULTANCY



MARKETING & ANALYTICS CONSULTANCY

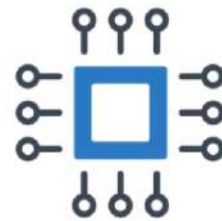
SECTOR FOCUS



INTERNET OF THINGS



RENEWABLE ENERGY



ESDM

INCUVATIONS strives to nucleate and nurture technology and knowledge-based enterprises by leveraging the scientific and engineering competencies of NIST. It aims to empower and enable scientists and engineers in pursuing technology, innovation and entrepreneurship objectives. The core activities of INCUVATIONS are:

- Nucleation of new business by creating the environment and opportunities for know-how providers, entrepreneurs and financiers to meet each other and form business teams.
- Nurturing businesses through their start-up phase by creating and running an efficient business incubator offering not only space but also access to technology support, business mentoring, networks, scientific and information resources, and a generally conducive and supportive environment.
- Promoting and running an active program for identification, creation, acceleration and translation (into practice) of technology ideas suitable for new venture creation.
- Run an active and effective program in building and sharing resources, networks, competencies and special expertise in selective areas at the interfaces of technology and innovation, business and entrepreneurship, and government and policy.

It is in the forefront of enabling business incubation and startups. NIST invites commercially viable Business Proposals/Business Ideas/Innovations on Product/Process/Service from its potential entrepreneurs and innovators who wish to see their business ideas get incubated at NIST campus. Every viable idea gets monetary support ranging from Rs.4 lakh - Rs. 8 lakhs, depending on the idea and money required to commercialize it. Over the years, it has helped several incubates make a mark for themselves designing and delivering successful solutions.

RECOGNITIONS AND COLLABORATION

1. Startup Odisha Recognised Nodal Centre

2. Startup Odisha Recognised Incubator

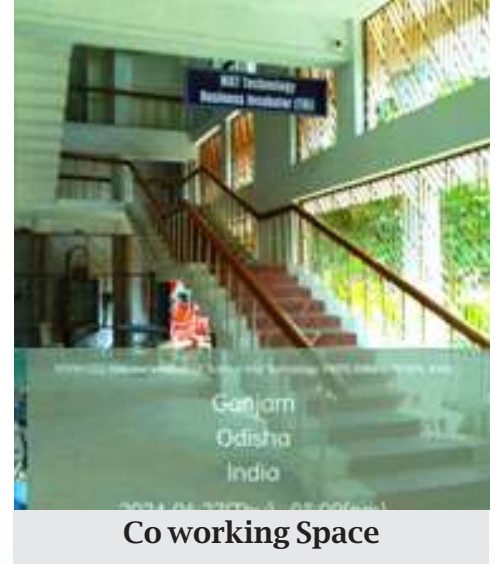
3. Outreach centre of incubation for IITK

4. MSME Host institute Business Incubator

INCUBATIONS

NIST focuses on innovation and incubation where a project can successfully turn into a product. It has set up INCUBATIONS Foundation, a Section-8 entity (Non-profit) specializing in technology startups offering products and services exploiting technological expertise in the sectors of IoT (Internet of Things), CleanTech and ESDM (Electronics System Design and Manufacturing). Here students get to know about and solve the real problems in the industry and society with innovative solutions.

The NIST Technology Business Incubation Center, which initially began in a single room in the TIFAC building, has now expanded to its own office in the OCTAGON



STARTUP
TO CREATIVE SPACE








INCUBATIONS

PARTNERS

| | | | | |
|--|---|---|---|---|
|  |  |  |  |  |
|  |  |  |  |  |

RECENTLY INCUBATED

| | | | | |
|--|--|---|--|--|
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The Technology Business Incubator at NIST has the following state of art product development capacities in terms of various research laboratories supported under various projects from Govt. Agencies and Industries.

- NIST Incubation Center for ESDM in collaboration with Electronics Sector Skills Council of India (ESSCI), a Sector Skill Council formed under the Ministry of Skill Development and Entrepreneurship (MSDE), Govt. of India, has setup its first finishing school for Electronics System Design and Semiconductor Design in Eastern India region to address the need of skilled manpower.
- NIST has launched a CII partnered and mentored Innovation Club to bridge the gap between academia and the industry "need" component and valuable mentoring. With the support from the CII-Eastern Region this innovation club has been doing functional works effectively from grass root level motivation to ideation till the successful mentoring by industry experts from CII forum of mentors at investors meets and startup weekends. It gives a radical shift in the entrepreneurial thought process of the campus.

NIST is considered as a benchmark research institution in eastern India. It has national level laboratories such as:

- **DST-FIST Center:** 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 & 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 established in partnership with Industry such as

INCUBATIONS

- CADENCE, IBM, SAP Asia Pacific, National Instruments, Texas Instruments, ARM, WIPRO. Other centers of excellence like Data Science, Center of Mechatronics, Center of Image Processing & Cryptology, Center of Knowledge Engineering, Center of Industrial Automation Control, Center of Renewable Energy & Center of Nano Technology.










STUDENT PARTICIPATION:

To inculcate the entrepreneurial mindset amongst the youth in the campus, various students clubs have been set up since inception, covering sectors such as Robotics, Renewable Energy, Electronics Hardware, Astronomy, Programming, Multimedia, and Automobile Society to have hands-on practices on productization skills. Apart from focus on innovation and startups at student level, the forums like E Cell, powered by the Startup Odisha Startup Cell, CII innovations, MHRD Institute Innovation Cell etc. set the right ecosystem for innovation and startups.

INDUSTRY COLLABORATION



SCHOLARSHIPS

| | | |
|---|--|---|
|  SIBLING SCHOLARSHIP |  MERIT SCHOLARSHIP |  BEST B. TECH PROJECT AWARD |
|  TEACHING ASSISTANTSHIP SCHOLARSHIP |  GOLD MEDAL |  RESEARCH ASSISTANTSHIP SCHOLARSHIP |
|  INDUSTRY COLLABORATION HONORARIUM |  M. TECH SCHOLARSHIP |  PH. D SCHOLARSHIP |

College students rely on financial aid that helps them to pursue their education without any hindrance. There are several scholarship programs open to undergraduates and post graduates at NIST. Each scholarship makes up its own rules which take into consideration academic performance, attendance, extracurricular activities.

The scholarship is aimed at certain groups within the student body. Each one of the scholarships is given under different categories related to their performance in different fields. These scholarships promote excellence within certain fields to bring out the very best among the students.

1. Sibling Scholarship

This scholarship is provided to the sibling of a student. The amount offered is Rs 10,000 per student, one-time only.

2. 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.

SCHOLARSHIPS

3. 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.

4. 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.

5. Teaching Assistantship Scholarship

Each year few meritorious students are selected as Teaching Assistants to assist the faculty members in their academic work. Students receive a scholarship of Rs.1000/- per month for this work. Students from 2nd, 3rd, and 4th year are eligible for TA ship in the department where 80% seats are filled. One student shall assist evaluation for max of 50 students.

6. Industry Collaboration Honorarium

Students who will work on the funded industry collaboration project shall be awarded with an honorarium based on the agreement with the concerned organization/client/industry.

7. Research Assistantship Scholarship

Through the Research Assistantship program UG and PG students get involved with faculty members to carry out joint research work. For this each student gets a stipend of Rs.2000/- per month for 2 months.

8. 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.

9. Ph.D. Scholarship

Ph.D. scholarships/stipends are awarded to the meritorious candidates admitted to NIST. Under this programme, candidates are offered a monthly scholarship of Rs 15,000.

RESEARCH PUBLICATION

Patent Published

1. Dr. Basant Kumar Sahu, Associate Professor, Department of Electrical Engineering has published a patent entitled "Motorized Rechargeable Electric Bicycle", having Indian Patent Application No. 202,331,008,866, in Feb. 2023 and the inventor are Dr. Basant Kumar Sahu and Mr. Amresh Asis Tripathy.

2. Dr. Manjushree Nayak, Associate Professor, Department of Computer Science and Engineering has published a patent entitled "Multi Objective Optimization Technique for Task Scheduling in Cloud Computing Environment" having Indian Patent Application No. 202,311,003,515, in January 2023 and the inventors are Manish Chhabra, Dr. Sujata V Mallapur, G Soniya Priyatharsini, Narender Chinthamu, Dr. Ashish, B Venkateswarlu, Dr. Manjushree Nayak, Mr. Rohit Kumar Verma, Dr. Barjinder Kau, and Dr. Shubham Mahajan.

3. Dr. Preeti Ranjan Sahu, Associate Professor, Department of Electrical Engineering has published an Indian patent entitled "A windmill apparatus for generating electric power to a grid point of an electric network by using dump load and power converter". The patent application no. is 202331009143. The innovators are P.K Hota, L. K. Sahu, A. Sahoo, P. R. Sahu, M. M. Elahi, S. Panda.

4. Dr. Akankshya Patnaik, Associate Professor, Department of Management has published an Indian patent entitled "Solar powered device to track nutrients in agri water". The patent application no. is 388845001. The innovators are Dr. Bijaya Bijeta Nayak, Dr. Shiv Sankar Das, Ms. Debashree Debadatta Behera, Dr. Akankshya Patnaik, Dr. Kshitish Kumar Khuntia, and Mr. Satya Prakash Lenka.

RESEARCH PUBLICATION

Journal Publication

1. **Prof. Alok Patra, Dr. Souren Misra and Prof. Santosh Kumar Panda** faculties of Dept. of Mechanical Engineering have published a research article entitled “Heat transfer and Psychometric analysis of a counter flow wet cooling tower” in the Journal of Heat Transfer Research in 2023. The researchers are. Alok Patra, SourenMisra and Santosh Kumar Panda.
2. **Dr. Amarnath Padhi** , Associate Professor, Dept. of Management Studies has published a research article entitled “The Role of Human Resource Analytics: Analyzing the Factors influencing it in Organizations using SEM and ANOVA” in the Journal of Uncertain Systems in Jul. 2023.
3. **Dr. Aswini Kumar Khuntia, Dr. Souren Misra, Prof. Alok Patra, Prof. Santosh Kumar Panda**, Faculties, Dept. of Mechanical Engineering have published a research article entitled “Determination of pressure drop through a circular orifice for two- phase flow with Machine learning technique” , in the Journal of Flow Measurement and Instrumentation with vol. 9 and pp. 102478 in Oct. 2023. The authors are Dr. Aswini Kumar Khuntia, Dr. Souren Misra, Prof. Alok Patra, Prof. Santosh Kumar Panda.
4. **Prof. Bhabani Gouda**, Asst. Professor, Department of Computer Science, has published a research article entitled “Distributed Intermittent Fault Diagnosis in Wireless Sensor Network Using Likelihood Ratio Test”, in the Journal of IEEE Access, vol. 11, pp. 6958-6972, 13 January, 2023. The researchers are B. S. Gouda, M.Panda, T.Panigrahi, S.Das, B.Appasani, O.Acharya, H. M. Zawbaa, SalahKamel.
5. **Dr. B. Sambhi Reddy**, Associate Professor, Dept. of Mechanical Engineering has published a research article entitled “Influence of Hybridization on the Mechanical, Moisture and Thermal Properties of Composite Materials” in the Journal of Aeronautical Materials, in Jul. 2023. The researchers are T. Ramu, and K. Raja Narendra Reddy and B. Sambhi Reddy.
6. **Dr. B. Sambhi Reddy**, Associate Professor, Dept. of Mechanical Engineering has published a research article entitled “Effect of Process Parameters on the Hardness and Fracture toughness of ZTA Ceramics using Central Composite Design” in the Journal of Corrosion and Protection, in Jul. 2023.
7. **Dr. B. Sambhi Reddy**, Associate Professor, Department of Mechanical Engineering has published a research article entitled “Study the consequence of raster angle on the charpy impact strength of fdp 3d printed polylactic acid” in Journal of Industrial Engineering, vol 52, pp. 7-15, in 21 Dec. 2023.
8. **Dr. Deepak Acharya**, Asst.Prof, and **Dr. Subrata Kumar Sahu**, Associate Professor, Dept. of Mathematics, have published a research article entitled “On Generalized RieszSummability of Factored Fourier Series” in the Journal of Classical Analysis vol. 21, pp. 187-191, in Oct. 2023.The authors are Deepak Acharya, Subrata Kumar Sahu, Purna Chandra Nayak And UmakantaMisra.
9. **Prof. Manjushree Nayak and Prof. Ashish Kumar Dass**, faculties of Computer Science have published a research article entitled “GSM and Arduino based Smart Home Safety and Security System” in the Journal of Recent Trends in Information Technology and its Application, HBRB Publication, vol. 6, no. 1, in Feb. 2023. The researchers are Manjushree Nayak and Ashish Kumar Dass.
10. **Prof. Manjushree Nayak**, faculties of Computer Science has published a research article entitled “Smart Energy Efficient Techniques for IOT Enabled Wireless Node” in the Journal of Theoretical and Applied Information Technology, HBRB Publication, vol. 101, no. 18, pp. 7331-7346, in Sept. 2023. The researchers are SangamMalla, Prabhat Kumar Sahu, Srikanta Patnaik, Manjushree Nayak.
11. **Prof. Manjushree Nayak**, faculties of Computer Science has published a research article entitled “IoT-Enabled Smart Anti-Smog Towers: A Novel Approach to Urban Air Pollution Control” in the journal of Ingénierie des Systèmes d’Information 12th January 2023.
12. **Dr. Murthy Cherukuri**, Professor, Dept. of Electrical Engineering has published a research article entitled “A Novel Metaheuristic Jellyfish Optimization Algorithm for Parameter Extraction of Solar Module”, in the Journal of “International Transactions on Electrical Energy Systems” in 25th July 2023. The researchers are Dilip. Yadav, Nidhi. Singh, Vikas. Singh Bhadoria and Nimay Chandra Giri, and Murthy Cherukuri.

RESEARCH PUBLICATION

Journal Publication

13. Dr. Murthy Cherukuri, Professor, Dept. of Electrical Engineering and Dr. Kunjabihari Swain Associate Professor, have published a research article entitled “Dual-tree complex wavelet packet transform and regularized extreme learning machine-based feature extraction and classification of power quality disturbances”, in the Journal of “Energy Systems” in 28th July 2023. The authors are InduSekharSamanta, Pravat Kumar Rout, Kunjabihari Swain, Murthy Cherukuri, and Satyasis Mishra.

14. Dr. Murthy Cherukuri Professor, Dept. of Electrical Engineering has published a research article entitled “Modified Differential Evolution Algorithm for Governing Virtual Inertia of an Isolated Microgrid Integrating Electric Vehicles” in the “International Transactions on Electrical Energy Systems” in 12 Sept. 2023. The authors are Debayani Mishra, Manoj Kumar Maharana, Manoj Kumar Kar, AnurekhaNayak, MurthyCherukuri.

15. Prof. Pradeep Kumar Jena, and Prof. Charulata Palai, Faculty, Dept. of Computer Science and Engineering, of NIST have published a research article entitled “A Novel Approach for Diabetic Retinopathy Screening Using Asymmetric Deep Learning Features” having DOI as [://doi.org/10.3390/bdcc7010025](https://doi.org/10.3390/bdcc7010025). The researchers are P. K. Jena, B.Khuntia, C. Palai, M. Nayak,; T.K.; Mishra, S.N. Mohanty in the Journal of Big Data and Cognitive Computing, January 2023.

16. Dr. Preeti Ranjan Sahu Assistant Professor, Department of Electrical Engineering has published a research article entitled “Effective Load Frequency Control of Power System with Two-Degree Freedom Tilt-Integral-Derivative Based on Whale Optimization Algorithm, in the Journal of Sustainability with vol. 15 and pp. 1515 in Jan. 2023. The researchers are PreetiRanjanSahu,KumaraswamySimhadri, BanajaMohanty, Prakash Kumar Hota, Almoataz Y Abdelaziz, FahadAlbalawi, Sherif SM Ghoneim, MahmoudElsisi.

17. Dr. Preeti Ranjan Sahu, Associate Professor, Department of Electrical Engineering has published a research article entitled “Frequency Control of Power System with Distributed Sources by Adaptive Type 2 Fuzzy PID Controller”, in the Journal of Electric Power Components and Systems in Jun. 2023. The researchers are Srinivasan KullapadayachiGovindaraju, RaghuramanSivalingam, Sidhartha Panda, Preeti Ranjan Sahu and Sanjeevi kumar Padmanaban.

18. Dr. Preeti Ranjan Sahu, Associate Professor, Department of Electrical Engineering has published a research article entitled “Optimal Congestion Management with FACTS Devices or Optimal Power Dispatch in the Deregulated Electricity Market”, in the Journal of AXIOMS in Jun. 2023. The researchers are A. Sahoo, P. K. Hota, P. R. Sahu, F. Alsaif, S. Alsulamy, T. S. Ustun.

19. Dr. Preeti Ranjan Sahu, Associate Professor, Department of Electrical Engineering has published a research article entitled “Influence of ultra-capacitor on AGC of five-area hybrid power system with multi-type generations utilizing sine cosine adopted dingo optimization algorithm”, in the Journal of Electric Power Systems Research in Oct. 2023. The researchers are SmrutiRanjanNayak, Rajendra Kumar Khadanga, Yogendra Arya, Sidhartha Panda and Preeti Ranjan Sahu.

20. Dr. Preeti Ranjan Sahu, Associate Professor, Department of Electrical Engineering has published a research article entitled “Optimal dispatch of combined heat and power generating units with prohibited operating zones using improved heap-based optimizer” in the Journal of IET Generation, Transmission & Distribution in 18th December 2023. The researchers are AbhilipsaSahoo, PreetiRanjanSahu, Prakash Kumar Hota, Md Minarul Islam, TahaSelim Ustun.

21. Dr. Preeti Ranjan Sahu, Associate Professor, Department of Electrical Engineering has published a research article entitled “Influence of Ultracapacitor and Plug-In Electric Vehicle for Frequency Regulation of Hybrid Power System Utilizing Artificial Gorilla Troops Optimizer Algorithm” in International Journal of Energy Research, in 20th November 2023. The researchers are SmrutiRanjanNayak, Rajendra Kumar Khadanga, Deepa Das, Yogendra Arya, Sidhartha Panda, Preeti Ranjan Sahu.

22. Dr. Preeti Ranjan Sahu, Associate Professor, Department of Electrical Engineering has published a research article entitled “Influence of ultra-capacitor on AGC of five-area hybrid power system with multi-type generations utilizing sine cosine adopted dingo optimization algorithm” in the journal of Electric Power Systems Research in 20th November 2023. The researchers are SmrutiRanjanNayak, Rajendra Kumar Khadanga, Yogendra Arya, Sidhartha Panda, Preeti Ranjan Sahu.

RESEARCH PUBLICATION

Journal Publication

23. Prof. Ranjan Kumar Padhi, and **Prof. Sarita Sahu**, Faculty, Dept. of Chemistry, of NIST have published a research article entitled “Interfacial and surface adsorption phenomenon in the dissolution behavior of 8-hydroxy quinoline” in the Journal of Materials Today: Proceedings in Sept. 2023. The authors are Ranjan Kumar Padhy, Aditya Prasad Padhi, Ramanand Patro, Bishnupriya Mahapatra, Snigdhamayi Dash, and Sarita Sahu.

24. Prof R Roshan, **Dr. Satya Sopan Mahata** and **Dr. Shrabani mahata**, faculties of NIST has published a research article entitled “Study on Photoinduced Charge Transfer between Citrus Limon capped CdS Quantum dots with Natural dyes” in the Journal Surfaces and Interfaces, on 2nd Sept., 2023. The researchers are B K Nahak; R. Roshan, N Jhariya, S Bolloju, BidhanPandit, S. S. Mahato and S. Mahata.

25. Dr. Ratikanta Nayak, Asst. Prof, Dept. of Physics, has published a research article entitled “Interfacial interaction of controlled poly (ether-imide)(PEI)- titanium dioxide- based nanocomposites” in the Journal of “Materials Today: Proceedings” in Aug. 2023. The researchers are Mr. Sushil Kumar Verma, Mr. Gyaneshwar Sharma, Mr. Gopikishan Sabavath and Ratikanta Nayak.

26. Prof. Santosh Kumar Panda, faculties of Dept. of Mechanical Engineering have published a research article entitled “Optimization of the geometric profile of a crescent orifice” in the International Journal of Fluid Mechanics Research in 2023, having DOI 10.1615/InterJFluidMechRes.2023047456. The researchers are Santosh Kumar Panda and Sunil Kumar Nepak.

27. Prof. Santosh Kumar Panda faculties of Dept. of Mechanical Engineering have published a research article entitled, "An Orifice Flow Analysis on the Basis of Density and Viscosity Effects of Fluids," WSEAS Transactions on Heat and Mass Transfer, vol. 18, pp. 140-146, 2023, DOI:10.37394/232012.2023.18.12. The researcher is Santosh Kumar Panda.

28. Dr. Sasmita Padhy and Dr. Preeti Ranjan Sahu, Faculties, Department of Electrical Engineering has published a research article entitled “Participation of Renewable Energy Sources in the Frequency Regulation Issues of a Five- Area Hybrid Power System Utilizing a Sine Cosine-Adopted African Vulture Optimization Algorithm” in the Journal of Energies with Vol; of 16, and pp. 626 in Jan. 2023. The researchers are SmrutiRanjanNayak, Rajendra Kumar Khadanga, Sidhartha Panda, Preeti Ranjan Sahu, Sasmita Padhy, and Taha Selim Ustun.

29. Dr. Shrabanimahata, faculty of Dept. of Chemistry has published a research article entitled “Photo catalytic waste-to- renewable energy nexus using solar light induced quantum dots” in the Journal of Energy Conversion & Management, 283 11691 7 17th March, 2023. The researchers are R Roshan; B K Nahak; D Mahata; P Yadav; S Panda; Santanu Patra; S S Mahato; Ashutosh Tiwari and S. Mahata.

30. Dr. ShrabaniMahato, Asst. Professor, Dept. of Chemistry has published a research article entitled “Low-Temperature synthesis of peptized TiO₂ hydrosols with tunable surface charges for enhanced photocatalytic activity” in the Journal of Ceramic International in July 2023. The researchers are B. K. Nahak, D. Mahata, N. Jhariya, P. Yadav, S. Panda, S. S. Sahu, K. Swatishree, A. Khedulkar, S. Bolloju, B. Pandit, and S. S. Mahato, and S. Mahata.

31. Dr. Sandipan Malik, Associate Professor, Department of Electronics and Communication Engineering has published a research article entitled “A Review on Borophene: A Potential Gas-Capture Material” in Journal of Electronic Materials on 19 April 2023. . The researchers are S Mohanty, DPanda, A Dash, S. S. Kumar, R R Padhi, S Guhathakurata, and Sandipan Mallik.

32. Dr. Sandipan Malik, Associate Professor, Department of Electronics and Communication Engineering has published a research article entitled “Novel grapheme transfer method to silicone and its sensing application on porous PDMS” in IEEE Sensors Letters Journal, Page 1-4, April 2023. The other researchers are P P Panam, A Mukherjee, B L Yuan, P Yu, W-H Chiu, G Ahmad, S. Malik, Y Lo.

33. Dr. Yerra Shankar Rao, Assistant Professor, Dept. of Mathematics has published a article entitled, “Mathematical Model on Distributed Denial of Service Attack in the Computer Network”, in Wseas Transactions on Communications, (Vol-22), in December, 2023, Page 183-191. The authors are Y. S. Rao, A. K. Rauta, S. N. Kund, B. Sethi, J. Behera.

RESEARCH PUBLICATION

CONFERENCE

1. **Dr. Akankshya Patnaik**, Associate Professor, Dept. of Management. Presented a paper titled 'A Review on Virtual Tourism - A Step Towards a Sustainable Economy' at the 'National Seminar on Prioritizing Welfare in a Market-Driven Indian Economy' on 31st March 2023 at KIIT University, Bhubaneswar. The other researcher is Ms. E. Kiran Patro.
2. **Dr. Akankshya Patnaik**, Associate Professor, Dept. of Management. Presented a paper entitled "Implementation of AI in Human Resource Management: A Systematic Literature Review" in a conference entitled "International Conference: Realigning Dynamics at work place for workforce" at NSB Academy, Bangalore, on 19-20 May 2023. The other researcher is Mr. Priyabrat Dash.
3. **Dr. Akankshya Patnaik**, Associate Professor, Dept. of Management. Presented a paper entitled "A Systematic Review on the leadership role in the Management of workplace bullying: Start of Art and future research agenda" in a conference entitled "3 rd International Conference on Contemporary Business Trends" NIT Srinagar, on 8-9 July 2023. The other researchers are Mr. Samir Ku Mahapatro and Dr. Gayatri Panda.
4. **Dr. Akankshya Patnaik**, Associate Professor, Dept. of Management. Presented a paper entitled "A Systematic Literature Review of Virtual Try-on-A User-Centric Evolution" in the International Conference ICBPS-2023 organised by PG Department of Commerce, Berhampur University on 14 th and 15 th Oct, 2023. The other researchers are Truptimayee Panigrahy, Shreya Satapathy.
5. **Dr. Akankshya Patnaik**, Associate Professor, Dept. of Management. Presented a paper entitled "Application of Artificial Intelligence for Sustainable Human Resource Management" in the International Conference ICBPS-2023 organised by PG Department of Commerce, Berhampur University on 14 th and 15 th Oct, 2023. The other researchers are Mr. Priyabrat Dash.
6. **Dr. Akankshya Patnaik**, Associate Professor, Dept. of Management. Presented a paper entitled "Green product leverage the brand value" in the International Conference organized by PG Department of Economics, Berhampur University on 10 th and 11 th Nov, 2023. The other researchers are Mr. Subrat Panigrahi and Mr. Shivanandasahu.
7. **Dr. Akankshya Patnaik**, Associate Professor, Dept. of Management. Presented a paper entitled "Exploring the Impact of Eco-Innovation Strategy on Brand-Value" at the International Conference held at Berhampur University by the Department of Economics on December 10th and 11th, 2023.
8. **Dr. Akankshya Patnaik**, Associate Professor, Dept. of Management. Presented a paper entitled "The Impact of Leadership on Sustainable Performance: Trends, Themes, and Insights" at the International Conference held at Berhampur University by the Department of Business Administration on December 10th and 11th, 2023. The other researchers are Mr. Samir Ku Mahapatro and Dr. Gayatri Panda.
9. **Prof. Akankshya Patnaik**, Associate Professor, Dept. of Management. Presented a paper entitled "Role and Implementation of AI in Human Resource Management" on International Conference "Contemporary Development in Business and Management in digitized era - Towards Industry 5.0" in a conference organized by Koustuv Business School on 11 th March 2023.
10. **Dr. Akankshya Patnaik**, Associate Professor, Dept. of Management. Presented a paper entitled "Sustainable Practices in Eco-Fashion Industry: A Comprehensive Analysis Using SLR and Bibliometric Techniques" awarded 2 nd best paper in the International Conference ICSBPIG-2023 organised by PG Department of Business Administration, Berhampur University on 10 th and 11 th Dec, 2023. The other researchers are Truptimayee Panigrahy, Shreya Satapathy.
11. **Mrs. Charulata Palai**, Assistant Professor, Dept. of Computer Science and Engineering and Mr. Pradeep Kumar Jena, Assistant Professor has presented a research article entitled "Efficient Airline Price Prediction using Hybrid Machine Learning Techniques" at International Conference on Communication, Circuits, and Systems (IC3S) in May 2023. The other researcher is Purn Sridhar Sandil.

RESEARCH PUBLICATION

Conference

12. Mr. Durga Madhab Padhy, Assistant Professor, Dept. of Management, presented a paper entitled “Literature review on the effects of work-life balance on employee” in a conference entitled “Realigning Dynamics At Workspace For Workforce” on 20 May 2023. The other researchers are Padhy, Dr. SadanandaSahoo, and Dr. Santanu Kumar Das.

13. Dr. Kunjabihari Swain, Associate Professor, Dept. of Electrical Engineering has presented a research article entitled “Breast Cancer Detection Using Variational Mode Decomposition (VMD) and Weighted Bidirectional Extreme Learning Machine” at the International Conference “2023 International Conference in Advances in Power, Signal, and Information echnology (APSIT)” in Jun. 2023. The other researchers are Sukumar Joshi, InduSekharSamanta, Subhasis Panda, and Pravat Kumar Rout.

14. Prof. Lalit Kumar Behera, Dept. of Computer Science and Engineering and Mr. Pradeep Kumar Jena, Assistant Professor has presented a research article entitled “Explainability: an important dimension of artificial intelligence” in National Seminar on Emerging applications of Artificial Intelligence & Data science, NSEAAIDS-2023, Berhampur University, in 26th October 2023.

15. Prof. Manjushree Nayak, Associate Professor Dept. of Computer Science Participated and Presented a Paper entitled “Distributed Self Fault Outlier Detection in Wireless Sensor Network Based on Machine Learning” in the 2023 IEEE Sponsored Third International Conference on Advances in Electrical, Computing, Communications and Sustainable Technologies (ICAECT 2023) held at the Department of Electrical and Electronics Engineering, Shri Shankaracharya Technical Campus (SSTC), Bhilai, Chhattisgarh, India during 05 - 06, January 2023.

16. Prof. Manjushree Nayak, Associate Professor Dept. of Computer Science Participated and Presented a Paper entitled “An Energy saving approach for routing in wireless sensor Networks with ML based faulty node detection”(Sub ID:088) in international conference on Advances in IOT, Security with AI(ICAISA-2023) held on 24-25 March, 2023 at New Delhi, India.

6. Dr. Akankshya Patnaik, Associate Professor, Dept. of Management. Presented a paper entitled “Green product leverage the brand value” in the International Conference organized by PG Department of Economics, Berhampur University on 10 th and 11 th Nov, 2023. The other researchers are Mr. SubratPanigrahi and Mr. Shivanandasahu.

17. Prof. Manjushree Nayak, Associate Professor Dept. of Computer Science Participated and Presented a Paper entitled “Implementation and recognition of waste management system with mobility s solution in smart cities using internet of things” in international conference on Augmented Intelligence and Sustainable Systems (ICAISS), held on 23-25 August, 2023.

18. Prof. Manjushree Nayak, Associate Professor Dept. of Computer Science Participated and Presented a Paper entitled “Detection and Analysis of gene functioning and manipulation using deep learning” in international conference on Smart Electronics and Communication (ICOSEC), held on 20-22 Sept., 2023.

19. Dr. Murthy Cherukuri, Professor and DrKunjabihari Swain, Associate Professor, Department of Electrical Engineering have presented a research article entitled “Compatibility Analysis of IoT with 5G and 6G Communication” in 2023 1st International Conference on Circuits, Power and Intelligent Systems (CCPIS), in 1 st Sept. 2023. The authors are InduSekharSamanta, Pravat Kumar Rout, ManasRanjanLenka, Murthy Cherukuri, Kunjabihari Swain.

20. Prof. Ranjan Kumar, and Prof. Sarita Sahu, Faculty, Dept. of Chemistry, of NIST have published a research article entitled “Heterogeneous Oxidation of Alcohols Catalyzed by Titania Supported Palladium Nanoparticles in Aqueous Micellar Solution” in the International Conference on Nanotechnology: Opportunity and Challenges Proceedings in Sept. 2023. The authors are Prof. Ranjan Kumar, and Prof. SaritaSahu.

21. Dr. Sabyasachi Rath, Professor, Dept. of Management Studies, has presented a research article entitled “Impact of ICT Developments in the Global Marketing Landscape: Implications and Actions for Future” in Annual National Economic Conference with international participation - CEN 2023, titled Socio-economic perspectives of Romania in the context of global risks, in Romania during 15 th -16th May, 2023.

RESEARCH PUBLICATION

Conference

22. Dr. Sabyasachi Rath, Professor, Dept. of Management Studies, has presented a research article entitled “Brand Resonance and Sustainable Marketing: Impact and Implication” in International Conference on 'Towards a Carbon-Neutral, Circular, and Sustainable Economy' (ICESBA 2023), in Bucharest, Romania, during 22-23 November 2023.

23. Dr. Sabyasachi Rath, Professor, Dept. of Management Studies, has presented a research article entitled “Implementing Design Thinking: Agility for Design Thinking Select Indian cases” in a Seminar on How to Implement Design Thinking: Agility for Design Thinking: International Experiences, organised by Azerbaijan State Oil and Industry University, Baku, Azerbaijan on 11th May 2023.

24. Dr. Sabyasachi Rath, Professor, Dept. of Management Studies, has presented a research article entitled “Industry 5.0 and Sustainability: The Road Ahead” in National Workshop on “Managing Future Entrepreneurs for Sustainable Development”, organised by IPREM on 12th February 2023.

25. Dr. Sandipan Malik, Associate Professor, Department of Electronics and Communication Engineering has Presented a Paper entitled “Functional Composite Silicone Made by Roll-to-Roll Manufacturing for Sensing Applications and Circular Economy”, in the 2023 IEEE International Conference on Flexible Electronics Technology held on 13 August, 2023. The other researchers are P Pancham, A, Mukherjee, B L Yuan, P Yu, G Ahmad, C Y Lo.

26. Dr. Satya Sopan Mahata and Dr. Shrabani Mahata, faculties of NIST has Presented a Paper entitled “A New Insight on Low- Temperature Synthesis of Peptized Anatase TiO₂ hydrosol with Tunable Surface Charges for Enhanced Photocatalytic Activity” in National Conference on Emerging Frontiers in Chemical Sciences (NCeFCS- 2023); P. G. Department of Chemistry, Berhampur University, Odisha, held on 5-6 Nov., 2023. The other researchers are A Dash, N Sahu, S Panda.

27. Dr. Satya Sopan Mahata and Dr. Shrabani Mahata, faculties of NIST has Presented a Paper entitled “Study of Charge Transfer Dynamics Between Surface Passivated CdS quantum Dots and Natural Dyes” in National Conference on Emerging Frontiers in Chemical Sciences (NCeFCS- 2023); P. G. Department of Chemistry, Berhampur University, Odisha, held on 5-6 Nov., 2023. The other researchers are A K Nayak, B S Padhy, S Panda.

28. Dr. Shrabani Mahata, faculty of Dept. of Chemistry has presented a research article in National Conference on Recent Advances in Chemical Sciences (NCRACS-2023). The other researchers are K Swatishree, S S Panda, R Roshan, S SMahato, and S Mahata. The title of the paper is “Impact of Surface Ligands Passivation on Sulfur Vacancy Mediated Optoelectronic Properties of CdS Quantum Dots” at P.G. Dept. of Chemistry, Berhampur University, Bhanja Bihar, Berhampur, Odisha, India March 19-20, 2023.

29. Dr. Shrabani Mahata, faculty of Dept. of Chemistry has presented a research article in National Conference on Recent Advances in Chemical Sciences (NCRACS-2023). The other researchers are S Panda, A Das, R Roshan, S SMahato, and S Mahata. The title of the paper is “Synergetic Effects of Citrus Limon Extract Passivation and e-doping on Photoluminescence Properties of CdS Quantum Dot” in P.G. Dept. of Chemistry, Berhampur University, Bhanja Bihar, Berhampur, Odisha, India March 19-20, 2023.

30. Dr. Shrabani Mahata, faculty of Dept. of Chemistry has presented a research article in 7th International Conference on Nanoscience and Nanotechnology - ICONN 2023. The other researchers are Bishal Kumar Nahak, Lucky Kumar Pradhan, Akhil Khedulkar, Bidhan Pandit, Satya Sopan Mahata, Shrabani Mahata. The title of the article is “Ag and Fe doped TiO₂ thin film for Visible Light Responsive Photocatalytic Hydrogen generation from Seawater” in the Department of Physics and Nanotechnology, SRM Institute of Science and Technology in March 27-29, 2023.

31. Dr. Susmita Mahato, Assistant Professor, Dept. of Computer Science and Engineering, presented a paper entitled “Snake-Stega: A snake game-based steganography scheme” in a conference entitled “2023 Third International Conference on Secure Cyber Computing and Communication (ICSCCC)” at Department of Computer Science & Engineering, Dr B R Ambedkar National Institute of Technology, Jalandhar on 26 May 2023.

RESEARCH PUBLICATION

Book Chapter

1. **Prof. Santosh K. Panda**, Assistant Professor, Department of Mechanical Engineering, Mathematics has published a book chapter entitled “Smart Manufacturing: Transforming the Future of Supply Chain Management” in the book “Smart Manufacturing and Supply Chain Management System” by World Leadership Academy Emerging Technology for sustainable development in 2023.
2. **Dr. Yerra Shankar Rao**, Assistant Professor, Department of Mathematics has published a book chapter entitled “Computer Viruses and their Defences in Computer Networks: An e-Epidemiological Model” in the book entitled “Advances in Bioinformatics and Big Data Analytics” in June 2023.
3. **Dr. Yerra Shankar Rao**, Assistant Professor, Department of Mathematics has published a book chapter entitled “Implementation of Vaccination in an Epidemic Model for COVID-19” in the book “Computational Methods for Biological Models” by Springer Nature Singapore on 5th October 2023.
4. **Dr. Yerra Shankar Rao**, Assistant Professor, Department of Mathematics has published a book chapter entitled “Application of Artificial Intelligence in Healthcare System Management with Dynamic Modeling of COVID-19 Diagnosis” in the book “AI-Centric Modeling and Analytics” by CRC PRESS, Singapore on 14th November 2023.
5. **Dr. Manabendra Patra and Dr. Duryodhan Sahu**, Professor, Department of Chemistry has published a book chapter entitled “Perspective Chapter: Environment Friendly Agro Waste Management” in the book entitled “Solid Waste and Landfills Management- Recent advances” having DOI: 10.5772/intechopen.107505 in June 2023.
6. **Dr. Kunjabihari Swain**, Associate Professor, Department of Electrical Engineering and **Dr. Sandipan Mallik**, Associate Professor, Department of Electronics and Communication Engineering Published a book chapter entitled “Automatic Fault Detection, Locating, and Monitoring in Distribution Lines Using LabVIEW” in the book entitled “Intelligent Technologies for Sensors” having DOI:10.1201/97810 03314851, published by CRC Press in Jun. 2023. The other authors are Kanishk Kashyap, Sumanjit Pattanayak, Arpita Bebartha.
7. **Dr. Kunjabihari Swain**, Associate Professor, Department of Electrical Engineering and **Dr. Murthy Cherukuri** Professor, Dept. of Electrical Engineering have Published a book chapter entitled “Machine Learning-Based Approaches for Transmission Line Fault Detection Using Synchrophasor Measurements in a Smart Grid” in the book entitled “Smart Grid 3.0” having DOI:10.1007/978-3-031-38506-3_4, published by Springer International Publishing in 14 th Sept. 2023. The authors are Kunjabihari Swain, Ankit Anand, Indu Sekhar Samanta, Murthy Cherukuri.
8. **Dr. Ratikanta Nayak**, Asst. Prof, Dept. of Physics, has Published a book chapter entitled “Polymer Nanocomposite Material for Energy Storage Application” in the book entitled “Dielectric Materials for Energy Storage and Energy Harvesting Devices” published by River Publishers in Aug. 2023.
9. **Dr. Sandipan Malik**, Associate Professor, Department of Electronics and Communication Engineering has published a book chapter entitled “A Low-Cost Advanced Device for the Detection of Pesticides with NDVI Method” in the book entitled “Intelligent, Technologies for Sensors”. The other authors are S S Kumar, D Panda, RR Padhi, VRK Patro, SR Dash, K Kashyap, TK Giri, D Mishra, published by CRC Press in 23 June 2023.
10. **Dr. Sandipan Malik**, Associate Professor, Department of Electronics and Communication Engineering has published a book chapter entitled, “IoT-Based Smart Security and Home Automation System” in the book entitled “Intelligent Technologies for Sensors”. The other authors are M Suresh, Y Kumar, O, S Rao, M Singh, D Adhikary, S Spatnaik, MR Sahu, published by CRC Press in 23 June 2023.
11. **Dr. Preeti Ranjan Sahu**, Associate Professor, Department of Electrical Engineering has published a book chapter entitled “Modified Sine Cosine-Based Controller for Microgrid Frequency Regulation” in “Lecture Notes in Electrical Engineering book series (LNEE, volume 979)” published by Springer Nature Singapore in 29th April 2023. The researchers are Rajendra Kumar Khadanga, Preeti Ranjan Sahu, Amit Kumar, Prakash Kumar Hota, Sidhartha Panda.
12. **Prof. Manjushree Nayak**, Associate Professor Dept. of Computer Science has published a book chapter entitled “An AI -Based Efficient Model for the Classification of Traffic Signal Using Convolutional Neural Network” in the book entitled “Building Secure Business Models Through Blockchain Technology: Tactics, Methods, Limitations, and Performance” published by IGI Global in 2023.

RESEARCH PUBLICATION

Book Chapter

13. Prof. Manjushree Nayak, Associate Professor Dept. of Computer Science has published a book chapter entitled “19 Intelligent Analytics in Cyber-Physical Systems” in the book entitled “Intelligent Analytics for Industry 4.0 Applications” published by CRC Press in 2023.

Workshop Attended

1. Prof. Durga Madhab Padhy, Assistant Professor, Dept. of Management attended One Week Online Faculty Development Program Organised by ICFAI University Raipur, entitled “Realigning Dynamics At Workspace For Workforce” from 10th July 2023 to 15th July 2023.

FDP Attended

1. Dr. Akankshya Patnaik, successfully completed AICTE training and Learning (ATAL) academy Faculty Development program on Role of MSDM techniques in data driven supply chain for sustainability at Kalinga Institute of Industrial technology, Bhubaneswar from 18/12/2023 to 23/12/2023.

2. Dr. Basant Kumar Sahu, Associate Professor, Department of Electrical Engineering has attended a FDP entitled "Two-day training program on Patents" by BCKIC Foundation in partnership with the Science and Technology Department, Government of Odisha" Organized by KIIT University, Bhubaneswar, on March 21st and 22nd, 2023.

3. Dr. Shrabani Mahata, faculty of Dept. of Chemistry has attended an One week online FDP on “Solar PV Systems its applications” (SPVS-2023) (*Quality Program) AnnantGyan Knowledge and Skills Private Limited 27 th March to 1 st April 2023.

4. Dr. Yerra Shankar Rao, Assistant Professor, Dept. of Mathematics has attended the International FDP on "Advances on Machine Learning, Image Processing and Natural Language Processing" organised by Department of Information Technology, School of Engineering & Technology, Dimapur Nagaland from 16th August to 21st August 2023.

Invited talk

1. Dr. Basant Kumar Sahu, Associated Professor of Dept. of Electrical Engineering invited as the key speaker and a Resource Person in the Seminar and presented on the Topic “Introduction to MATLAB and its Application” organized by PG Department of Mathematics of S.K.C.G (Autonomous) College, Paralakhemundi, Gajapati, Odisha, on 22nd December 2023.

2. Dr. Shrabani Mahata, faculty of Dept. of Chemistry has presented an Invited talk entitled “Role of Surface Functionalization on Physicochemical Properties of CdS Quantum Dots: An Insight on Feasible Strategies for Enhanced Artificial Photosynthesis” in National Workshop on Renewable & Sustainable Energy (NWRSE-2023) organized by Rajendranath Group of Institutions, Gopalpur, Durgapur-713212 on 10 th March, 2023.

3. Prof. Manjushree Nayak, Associate Professor Dept. of Computer Science has presented an Invited talk entitled “Machine Learning and its Application” organized by the Department of CSE(AI) in association with IQAC from Shri Shankarcharya Institute of Professional Management and Technology, Raipur. on 27 th March 2023.

4. Dr. Akankshya Patnaik, Associate Professor, Dept. of Management was the key note speaker at plenary session Department of Economics, Berhampur University on 10 th and 11 th Nov, 2023 and has presented a paper on “Green Innovation”.

RESEARCH PUBLICATION

PhD Supervised

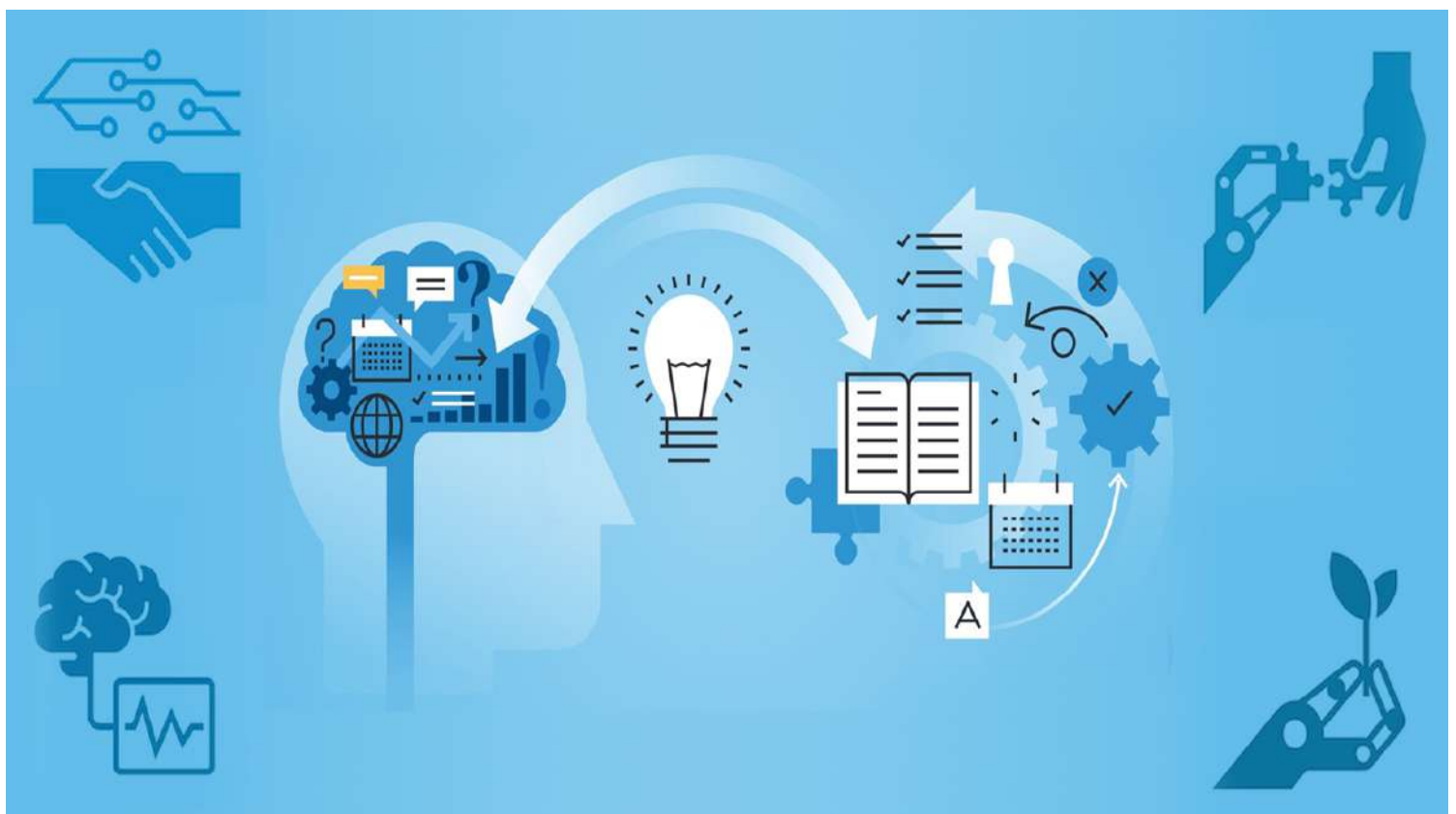
1. **Dr. Bhaskar Bhaula**, Associate Professor, Dept. of Mathematics guided one Ph.D.candidate as Co-supervisor University from SoA (Deemed to be University) with Title:“**EOQ AND EPQ INVENTORY MODELS WITH VARIOUS DEMAND FUNCTIONS**” and the date of award is 31/5/2023. The name of the student is M.Rajendra Kumar, Associate Professor,Department of Mathematics, NIST,Berhampur.

PhD Awarded

1. **Dr. M. Rajendra Kumar**, Associate Professor, Department of Mathematics has completed his Ph.D. from University from SoA (Deemed to be University) with Title:“**EOQ AND EPQ INVENTORY MODELS WITH VARIOUS DEMAND FUNCTIONS**” and the date of award is 31/5/2023. The name of the supervisors are Dr. Jayanta Kumar Dash, Professor, Department of Mathematics, ITER,SOA University, Bhubaneswar, and Dr. BhaskarBhaula, Associate Professor, Department of Mathematics, NIST, Berhampur.

Student Accomplishment

1. **Ms. K. Swatisree**, 2nd year M.Sc. Chemistry student, win 3rd prize in the best poster presentation category at the National Conferenceon“Recent Advances in Chemical Sciences”conducted by Dept. of Chemistry, Berhampur University from 19-20th, 2023. She presented a poster on “Impact of Surface Ligands Passivation on Sulphur Vacancy Mediated Optoelectronic Properties of CdS Quantum Dots”.
2. **Mr. Priyabrata Dash**, Research Scholar, Department of Management successfullycompleted AICTE training and Learning (ATAL) academy Faculty Developmentprogram on Role of MSDM techniques in data driven supply chain for sustainabilityat Kalinga Institute of Industrial technology, Bhubaneswar from 18/12/2023 to23/12/2023.
3. **Mr. Samir kumarMohapatro**, Research Scholar, Department of Managementsuccessfully completed AICTE training and Learning (ATAL) academy FacultyDevelopment program on Role of MSDM techniques in data driven supply chain forsustainability at Kalinga Institute of Industrial technology, Bhubaneswar from18/12/2023 to 23/12/2023



WORKSHOP, SEMINAR & TALK

SEMINAR/WEBINAR

| Date | Seminar/Webinar | Experts |
|---------------------|---|--|
| 6th February, 2022 | National Webinar on Preparedness for Electric Vehicles by DISCOM | Mr. S Manthiram, CEO (TPCODL) & Dr. C R Atla (DGM, Power system Solution, PRDC-Bengaluru) |
| 17th March, 2022 | Advancement in EV and EHV Technology | Dr. Nishant Patnaik (Assistant Professor, Dept. of EEE, CBIT Hyderabad) |
| 25th March, 2022 | Webinar on Rural Entrepreneurship and Innovation | Mrs Tuti Sndhya, senior faculty Mahatma Gandhi Council of Rural Education, Ministry of Education, Govt. of India |
| 12th August, 2022 | Possible future technology roadmap to be followed in the area of the Semiconductor domain and various opportunities for research collaboration & student exchange program with NJIT | Prof. Durgamadhav Misra, Professor, and Chair, of Electrical and Computer Engineering of New Jersey Institute of Technology, USA |
| 1st September, 2022 | "Distributed Control of a Microgrid" | Prof. Bidyadhar Subudhi, Professor, School of Electrical Sciences, Indian Institute of Technology Goa |

WORKSHOP

| Date | Workshop | Experts |
|----------------------|---|---|
| 22nd May, 2022 | FDP at NIST: "RF/Microwave sensor technology " | Dr. Prashant Kumar Singh, Associate Professor of Department of ECE, University College of Engineering and Technology (UCET), Vinoba Bhave University, Hazaribagh. |
| 10th June, 2022 | FDP at NIST: "The origin of bio-potentials and the problems of its capture , conditioning and processing" | Dr. Biswajit Bhattacharyya, Associate Professor of Department of Electrical Engineering, Jadavpur University, Kolkata |
| 18th-23rd July, 2022 | "Application of Econometrics tools in Social Sciences and Management Research" | Prof. S. N. Mishra, former dean of KIIT University |
| 03rd August, 2022 | NIST Summer Research Internship (NSRI) 2022 | Dr. B. Sambhi Reddy (Associate Professor, Dept. of Mechanical Engineering, NIST) |

TALK

| Date | Talk | Experts |
|----------------|---|---|
| 31st May, 2022 | A Talk on "Reserve Bank of India & Changing Scenario | Mr. Manabendra, the former general manager and officer in charge of the Reserve Bank of India (Sikkim & Odisha) |
| 10th Sep, 2022 | "Complex dynamics fractals independence polynomial and independent fractals of graph" | Dr. Tarakanta Nayak, Associate Professor of School of Basic Science of IIT Bhubaneswar |

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

STUDENT & FACULTY ACHIEVEMENTS



Congratulations to the NISTians for their outstanding achievements at the BPUT Tech Carnival hosted by BPUT Odisha. V. Someśwar Rao (ECE) and Rahul Kumar (IT) triumphed in the tech innovation challenge, while R. Hiranmayee (CSE) and Anmol Bisoyi (ECE) excelled in the pitch deck category with a Canva video. Madhurima Sit (CSE) and Ayush Behera (EE) earned the runners-up position in the technical poster presentation. Anupju Asish Kumar (ECE) and Rahul Kumar Behera (CSE) secured 2nd runners-up in the documentary movie category, with Aditya Kumar Sahu (ECE) achieving 2nd runners-up in the ideathon competition. These accomplishments showcase the dedication, hard work, and innovative spirit of our students. We are immensely proud of their exceptional performances and their commitment to fostering research and innovation.

Fully Funded International Summer Research Internship Program at Taiwan



Mr. Pratik Mohanty (3rd year, ECE)



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



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

AWARDED WITH UNIVERSITY FOUNDATION DAY RESEARCH AWARD- 2023



Faculty Category



Research Scholar Category



Dr. Sandipan Mallik
Assc. Prof., Dept. of ECE, NIST

Dr. Sachidananda Prasad
Assc. Prof., Dept. of EE, NIST

Prof. Harikrushna Gantayat
Asst. Prof., Dept. of ECE, NIST

Mr. Partha Pratim Maiti
PhD Research Scholar, NIST



By BIJU PATNAIK UNIVERSITY OF TECHNOLOGY (BPUT), ODISHA

Qualified for MS at National Tsing Hua University Taiwan



Mr. Rohit Raj Padhi
B.Tech (ECE)



Mr. S Sovan Kumar
B.Tech (ECE)

CLUBS AT NIST



Uniting Diverse Passions: Introducing the NIST Integrated Club Council.



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 Affairs and



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.



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 celebration of '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.



CLUBS 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.



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.



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.



QUIZZARDS CLUB

"Wizzards among Muggles"

Club Quizzards is the home of finest quizzing brains at the campus. They organise various National-level, Inter-school & in-campus quizzing competitions. The members of quizzards have won and regularly take part in prestigious quizzing competitions in the country.



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.



CLOUD COMPUTING CLUB

The main motto of this club is to inculcate research interests among the students in the field of Cloud Computing and its associated areas such as Parallel Processing, High Performance Computing & Grid Computing. Several branches students participate in events organized by Cloud Computing Club.



CLUBS 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.



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.



PHOTOGRAPHY CLUB

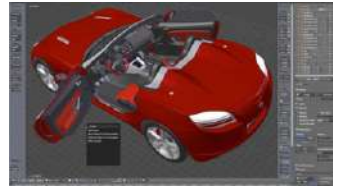
Foto Folks is a club of like-minded NIST students and faculty members who say it better through pictures. A group of amateurs, they sacrifice their moments to make the others' memorable. The club is an integral part of every event held in the campus. It's tough to spot them, nobody knows where they are 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.



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.



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 commands of the application, is declared as the winner.



EVENTS 2023

| Date | Major Event |
|-------------------------------|--|
| 05 JAN 2023 | Awareness Programme for Men's Hockey World Cup (13 th to 29 th JAN) |
| 09 JAN 2023 | Alumni Talk on "Building Sustainable Career in Industry 5.0" by Ms.Swetaleen Panda |
| 12 JAN 2023 | Celebration of National Youth Day at NIST |
| 13 JAN 2023 | Trekking Adventure to Kumarsuni, Bellaguntha by The Management Club |
| 30 JAN 2023 | Industrial Tour for MBA final year organised by NIST |
| 26 JAN 2023 | Celebration of Republic Day |
| 28 JAN 2023 | One-day seminar on "How to start your own startup" in collaboration with The Institute of Chartered Accountants of India |
| 12 FEB 2023 | Workshop on "Managing Future Entrepreneurs for Sustainable Development" organised by Institute for Policy Research in Economic Management and Social Development (IPREMS) |
| 13 FEB 2023 | IQAC of NIST conducted "Faculty Induction" for newly joined Faculty |
| 28 FEB 2023 | Celebration of National Science Day at NIST |
| 04 MAR 2023 | Technical Talk on "Skill Development for future opportunities in Civil Engineering" by Mr. M Uma Maheswar Rao |
| 07 MAR 2023 | One-day workshop for B-Tech 6 th sem students organised by the Placement and Career Development Cell |
| 08 MAR 2023 | Celebration of Holi at NIST |
| 08 MAR 2023 | Celebration of International Women's Day |
| 24 MAR 2023-28 MAR 2023 | Kurukshetra (Biggest Inter-College Sport Fest) |
| 30 MAR 2023 | Inaugural Ceremony of Sankalp 2023 |
| 07 APR 2023 | International Innovation Talk on " R&D and Technology-Led and Innovation and Entrepreneurship in HEIs for Self-Reliance" by Dr. Bijay Kumar Sahu of Institute Innovation Council (IIC), Dr. Vijay Tiwari, Professor, Institute of Molecular Medicine and Dr. Jitendra Bedhai, Sr. Scientist, Netherland Cancer Institute |
| 17 APR 2023 | NIST Counselling Service Hosted an event called "Connect to Escape 3.0" |
| 18 APR 2023 | Lecture on "The Greatness of Fundamentals of Science" by Prof. Vishvas Chavan, IISER Berhampur |
| 21 APR 2023 | Eye Examination Camp conducted by NSS, NIST Autonomous with the collaboration with Ruby Eye Hospital |
| 22 APR 2023 | Two-day workshop on cloud computing by Cloud Computing Club, NIST Autonomous |

EVENTS 2023

| Date | Major Event |
|-------------|--|
| 25 APR 2023 | Workshop on “Advance Prototype Technique & Funding Opportunities” organised by DST CoE, KIIT TBI at NIST |
| 29 APR 2023 | Farewell to the class of 2019-2023 |
| 15 MAY 2023 | Alumni Talk on “The Mindshift 2.0” by Mr. Himanshu Sekhar Patro |
| 23 MAY 2023 | “Sangharsh” conducted by Club Eureka |
| 24 MAY 2023 | Two-day workshop conducted by Multimedia Club, NIST Autonomous |
| 27 MAY 2023 | “Ekatvam” organised by The NIST Integrated Club Council |
| 3 JUN 2023 | Talk on “Compressive sensing on the Internet of Things (IOT)” by Prof. Subrat L. Sabat |
| 20 JUN 2023 | Celebration of Rath Yatra |
| 02 JUL 2023 | Talk on “How to decide our priorities in life through our free will” by Prof. Kanhu Charan Patra, Dept. of Civil Engineering, NIT Rourkela |
| 15 JUL 2023 | Celebration of Van Mohotsav |
| 19 JUL 2023 | Session on “Nanotechnology in Nature and for the future” by Prof. Ashok K. Ganguli, Hon’ble Director, IISER Berhampur |
| 04 Aug 2023 | Two-day workshop on GIT and GITHUB by Club Excel, NIST Autonomous |
| 15 AUG 2023 | Celebration of 76 th Independence Day |
| 16 AUG 2023 | Poster and slogan writing competition conducted by Club Innova, NIST Autonomous |
| 21 AUG 2023 | “Giving of Joy” organised by Team NSS, NIST Autonomous |
| 30 AUG 2023 | “Super Blue Moon” pictures captured by NIST Astronomy Club |
| 31 AUG 2023 | Celebration of Raksha Bandhan |
| 01 SEP 2023 | Student Orientation Programme |
| 05 SEP 2023 | Celebration of Teachers Day |
| 10 SEP 2023 | Two-day workshop on “The automatic home automation system” by REC Club, NIST Autonomous |
| 15 SEP 2023 | Celebration of Engineers’ Day |
| 18 SEP 2023 | Celebration of NIST 27 th Foundation Day |
| 19 SEP 2023 | Celebration of Ganesh Chaturthi |
| 21 SEP 2023 | Two-day workshop on “Basic Electronics Workshop 2023” conducted by Electronics Hobby Club, NIST Autonomous |
| 24 SEP 2023 | Celebration of 55 th Nation Service Scheme |
| 30 SEP 2023 | NIST signed MOU with Where you elevate for Innovation Partner |
| 01 OCT 2023 | “Dive into the vibrant celebration of talent at Navodaya 5.0” conducted by Team NSS, NIST Autonomous |

EVENTS 2023

| Date | Major Event |
|-------------|---|
| 13 NOV 2023 | Spreading love and light this Diwali at the Odisha Service Centre for Dibyanga People trust” conducted by Team NSS, NIST Autonomous |
| 14 NOV 2023 | Two-day workshop conducted by Cloud Computing Club, NIST Autonomous |
| 16 NOV 2023 | Workshop on “Utilizing Case Studies for Effective Managerial Decision -Making” conducted by The Department of Management, NIST Autonomous |
| 02 Dec 2023 | Takshak 2023 conducted by The Management Club, NIST Autonomous |
| 04 NOV 2023 | National Conference on Energy Conservation and Management (NCECM -2023) |
| 05 DEC 2023 | Celebration of 52 nd Navy Day |
| 05 Dec 2023 | Hon’ble Founder Chairman, Dr. Sukant K. Mohapatra and Mrs. Sanjeeta Mohapatra Founder/donor member of SM Charitable Education Trust promoting NIST, engages in a courtesy meeting with the Hon’ble President of India, Smt. Draupadi Murmu Ji |
| 18 DEC 2023 | Celebration of National Mathematics Day |
| 25 DEC 2023 | Celebration of Christmas Day |

PROGRESS AND PROMOTION

| Faculty Name | Previous Position | Current Position |
|--------------------------|---|---|
| Dr. Bishnukar Nayak | Assistant Professor (Mathematics) | Associate Professor (Mathematics) |
| Dr. Subrat Kumar Sahu | Assistant Professor (Mathematics) | Associate Professor (Mathematics) |
| Dr. Prabin Padhy | Assistant Professor (Department of Management) | Associate Professor (Department of Management) |
| Dr. Ranjan Kumar Padhy | Assistant Professor (Chemistry) | Associate Professor (Chemistry) |
| Dr. Susmita Mahato | Assistant Professor (Computer Science) | Associate Professor (Computer Science) |
| Dr. Akankshya Pattnaik | Assistant Professor (Department of Management) | Associate Professor (Department of Management) |
| Dr. Basanta Kumar Sahu | Assistant Professor (Dept. of Electrical Engineering) | Associate Professor (Dept. of Electrical Engineering) |
| Dr. Manjushree Nayak | Assistant Professor (Computer Science) | Associate Professor (Computer Science) |
| Dr. Sushanta Kumar Swain | Assistant Professor (Dept. Of Electronics and Instrumentation) | Associate Professor (Dept. of Electronics and Instrumentation) |

PROGRESS & PROMOTION

| | | |
|------------------------|--|--|
| Dr. Preeti Ranjan Sahu | Assistant Professor (Dept. Of Electrical Engineering) | Associate Professor (Dept. of Electrical Engineering) |
| Dr. Kunja Bihari Swain | Assistant Professor (Dept. of Electrical Engineering) | Associate Professor (Dept. of Electrical Engineering) |
| Dr. Chinmaya Giri | Assistant Professor (Mathematics) | Associate Professor (Mathematics) |
| Ms. Nibedita Mohapatra | Laboratory Assistant (Computer Science) | Assistant Professor (Computer Science) |

NEWLY JOINED FACULTIES & STAFF

| Sl. No | Month | Name | Last Qualification | Experience (Years) | Designation & Department |
|--------|---------|----------------------------|--------------------|--------------------|---|
| 1 | January | Dr. Simanchalo Panigrahi | Ph.D. | 41 | HoD (Physics) |
| 2 | January | Mr. Debasish Padhy | MTech | 12 | Assistant Professor (Computer Science and Engineering) |
| 3 | January | Mr. Durga Madhab Padhy | MBA | 15 | Assistant Professor (MBA) |
| 4 | January | Mr. Pitambar Sahu | MBA | 6 | Digital Marketing Manager (PR Cell) |
| 5 | March | Dr. Sasanka Sekhar Bishoyi | Ph.D. | 22 | Assistant Professor (Mathematics) |
| 6 | March | Ms. Sanjukta Mali | M.A. | 7 | Laboratory Assistant (English) |
| 7 | March | Dr. Yerra Shankar Rao | Ph.D. | 15 | Assistant Professor (Mathematics) |
| 8 | April | Dr. Deepak Kumar Swain | Ph.D. | 2 | Assistant Professor (Physics) |
| 9 | April | Mr. Nrusingh Das | B.Tech | 2 | Laboratory Assistant (Computer Science and Engineering) |
| 10 | April | Ms. Shubhasri Pradhan | MCA | 6month | Laboratory Assistant (Computer Science and Engineering) |
| 11 | May | Ms. Meenakshi Maharana | MCA | Fresher | Laboratory Assistant (Computer Science and Engineering) |
| 12 | June | Mr. N. Tayaad Kumar Reddy | B.Tech | 2 | Laboratory Assistant (Computer Science and Engineering) |
| 13 | July | Mr. Khirod Kumar Sahu | B.Tech | 4 | Laboratory Assistant (Computer Science and Engineering) |
| 14 | July | Ms. Pragnya Ku Pradhan | M.Sc | Fresher | Laboratory Assistant (Chemistry) |
| 15 | July | Mr. Abhimanyu Nayak | 12th | 36 | Driver |

NEWLY JOINED FACULTIES & STAFF

| Sl. No | Month | Name | Last Qualification | Experience (Years) | Designation & Department |
|--------|-----------|------------------------------|--------------------|--------------------|--|
| 16 | July | Dr. Kali Prasad Rath | M.Tech | 18 | Assistant Professor (Mathematics) |
| 17 | July | Dr. Puspanjali Jena | Ph.D | 3 | Assistant Professor (Mathematics) |
| 18 | July | Dr. Amit Patnaik | Ph.D | 17 | HoD (Biotechnology) |
| 19 | August | Mr. Amaresh Kumar Mohanty | M.Tech | 2 | Assistant Professor (Computer Science and Engineering) |
| 20 | August | Dr. Manoj Kumar Pradhan | Ph.D | 6 | Assistant Professor (Chemistry) |
| 21 | August | Dr. Runu Sahu | Ph.D | 20 | Assistant Professor (Mathematics) |
| 22 | August | Ms. Kshirabdhhi Tanaya Nayak | M.A. | Fresher | Assistant Professor (English) |
| 23 | September | Dr. Ayesha Tasnim | Ph.D | 14 | Assistant Professor (English) |
| 24 | September | Mr. Sanjay Kumar Sahoo | Ph.D | 6 | Assistant Professor (Mathematics) |
| 25 | January | Dr. Brajo Kishore Mishra | Ph.D. | 15 | HoD (Comptuer Science) |



ALUMNI

2023 AWARDS

27th FOUNDATION DAY

DISTINGUISHED
ALUMNI
2023
DR. PARTHAJIT MOHAPATRA
(1999-2003 Batch)

STAR
ALUMNI
2023



Asish Ranjan Subudhi
(1996-2000 Batch)



K Venketswar Reddy
(2007-11 Batch)



Rashmirekha Kalyani Mishra
(2014-18 Batch)

STAR ALUMNI
AWARD

B.Tech

Gold

Pass out Year 2021-22

- **AYUSH JENA** (CE)

Silver

Pass out Year 2021-22

- PIYUSH KUMAR PRADHAN (IT)
- AKSHAT KUMAR (CSE)
- ASUTOSH PATNAIK (ECE)
- PRATYUSH KUMAR CHOUDHURY (ME)
- SUMANJIT PATTANAYAK (EEE)
- SAURAV RAJ (EE)

MBA

Gold

Pass out Year 2021-22

- P VYJAYANTI

M.Tech

Gold

Pass out Year 2021-22

- BAISHNOBI DASH

M.Sc

Gold

Pass out Year 2021-22

- **AMAN KUMAR MAHARANA** (Math)

Silver

Pass out Year 2021-22

- **MONALISHA SAHU** (Chemistry)
- **ANURADHA PANDA** (Physics)

B. Com

Gold

Pass out Year 2020-21

- **SUBHRANSU PATNAIK** (Commerce)

Pass out Year 2021-22

- **AMAN PARIDA** (Commerce)

MCA

Gold

Pass out Year 2021-22

- **KOUSIK DAS**
- **B ALOK PATRO**

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