



## NIST Autonomous

Institute Park, Pallur Hills, Berhampur, Odisha-761008, India

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### HIGHEST PACKAGE

**Mr. Chiranjeeb Nayak**

CSE, 2022 Graduating Batch

Placed in

 JUSPAY @21 LPA



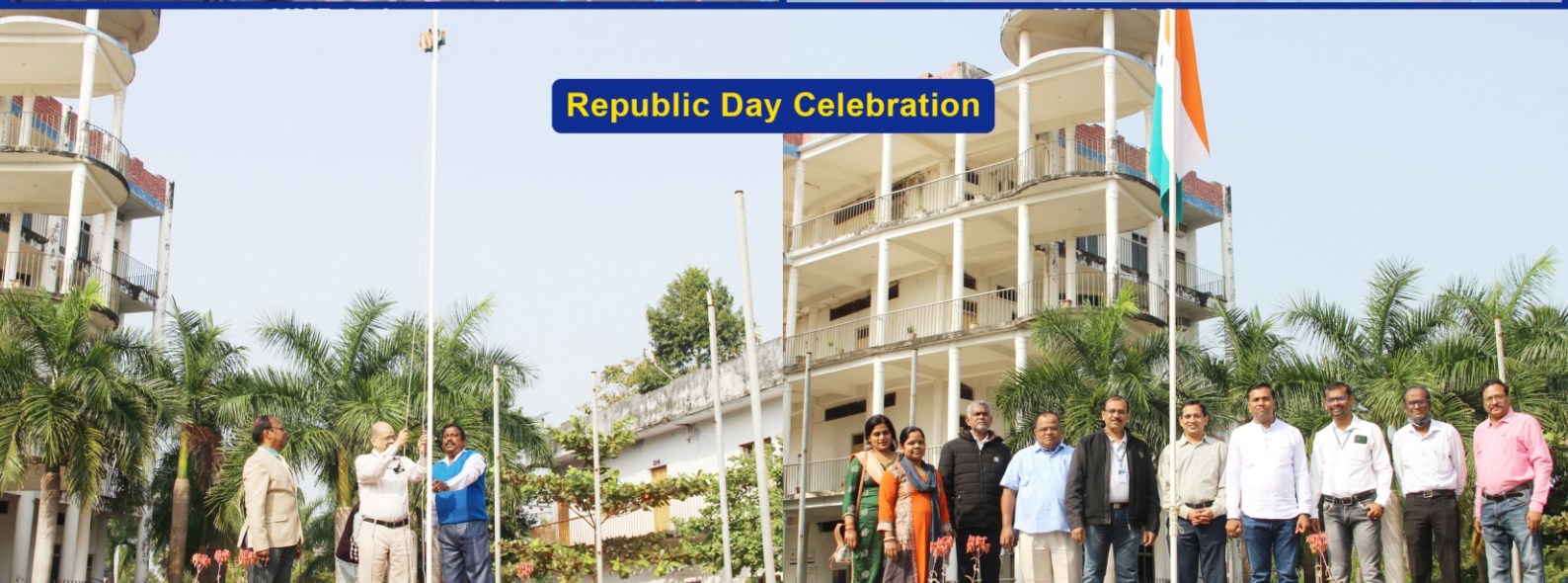
### Congratulations !

- Anand Pujari
- Rakesh Pradhan
- Vedant Sahu
- Aparajita Pradhan
- Sakhi Satapathy
- Yashraj Maharana
- Deepti Mayee Sahu
- Shoumik Sahu
- Muddassir eqbal
- K Hrithik Rao
- Sital Sabat
- Prangyashree Jena

For getting selected in  
SPIKEWELL Internship



### Republic Day Celebration



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## Message from the Principal's Desk



**Dr. Priyadarshi Tripathy**

NIST the name bears popular epithet: conquering the whole world with knowledge. It has gained increased recognition in the past 25 years as an established academic discipline, providing excellent job in producing not only the efficacious future managers but also future corporate leaders and entrepreneurs. As we go through Pandemic Covid-19, we are providing holistic technical education, creating inspiring environment. We were able to successfully pull off the academic schedule during the Pandemic through constant efforts. It was quite a successful endeavour to conduct the classes shuttling between online and offline modes of teaching and learning and conducting the examination with all covid guidelines in offline mode. At this critical juncture, while the whole world was fighting and struggling with the pandemic situation, our organisation has set a break through in terms of placement especially along with all other regular academic activities.

I sincerely congratulate to all my supportive colleagues and dear students for their successful endeavour.

## 1. IN FOCUS:

### 1.1. Republic Day Celebration



26<sup>th</sup> January, 2022- NIST celebrated the republic day with great fervour & splendour. Our Principal, Dr. Priyadarshi Tripathy, hoisted the flag and addressed the employees. This is the day when our sacred constitution was adopted, the day when the journey of nurturing independent India began. On 26<sup>th</sup> of January 1950, almost 3 years post-independence, we became a sovereign, secular, socialist and democratic republic.

### 1.2. NIST bagged 1st Runner Up in 16th Edition of 30Hacks



27<sup>th</sup> March, 2022- V Roshan Kumar Patro (2019 CSE), Rohit Raj Padhi (2019 ECE), and S Sovan Kumar (2019 ECE) of team “Pulmo Create” bagged the 1st Runner Up in 16th Edition of 30Hacks 2022, a Hackathon organised by GlobalLogic (A Hitachi Group Company) under guidance of Dr.Sandipan Mallik, faculty ECE.

The jury for 30Hacks 2022 was presided by senior industry members such as Mackenzie Kizer, Sr. Managing Director Jack Henry & Associates, Rajesh Juriasingani, Vice President - Software Development Entrust, John Walsh, Chief Technology Officer Zipari, Hari Sree, Sr. Director, Software Development Medtronic and Sunil K Singh, Chief Technology Officer, GlobalLogic. The Top teams were evaluated based on defined parameters such as design, innovation and advancement, business implication, solution approach and architecture, where the team will receive gift vouchers of Rs. 1.0 lakh as a reward. The team wants to acknowledge Debasish Panda (2018 ECE) for his valuable support during idea solidification and prototyping stage.

### 1.3. MoU Between Chikiti Mahavidyalaya and NIST Autonomous

30<sup>th</sup> March, 2022- An MoU has been signed between Chikiti Mahavidyalaya and NIST (Autonomous), Berhampur to train students and teachers of Chikiti Mahavidyalaya as well as to work on research and capacity building. The MoU was signed by Dr. Priyadarshi Tripathi (Principal, NIST) & Dr. Bhabani Pr. Panda (Principal, Chikiti Mahavidyalaya) in the presence of Sri. Kshirod Ch. Mohapatra (Registrar, NIST), Dr. Sudhir Ranjan Patnaik (HoD, CSE) & Dr. Sushanta Sahu (NIST Industrial Partnership Unit - i3CC). Prof. Siba Prasad Tripathy facilitated the same.



### 1.4. NCC Camp Organized at NIST Autonomous

07<sup>th</sup> April, 2022-An NCC camp was organized and firing practice was held at the NIST Cricket Ground. The camp was coordinated by NIST NCC and conducted by 1 (O) Naval Unit, Berhampur under the supervision of Cdr. K.C Routa (Commanding Officer 1 (O) NU NCC) with the assistance of Ajay Choudhary (PO), Sandeep Kumar (PO LOG), Susanta Kumar Nayak (PO), Srinibas Nayak (LCOM), Durga Prasad Dash (ANO- Ganjam College), Nilesh Dalai (CTO-NIST) and Pabitra Kumar Gouda (PI- NIST). This event drew 148 cadets from NIST, Ganjam College, KSUB College, and Nayagarh Autonomous College. The program was successfully completed with the assistance of Ganjam administration and NIST management.



## 2. STUDENTS' ACHIEVEMENTS:

### 2.1. Placement in JUSPAY @21 LPA

NIST has always been the most favored talent hunting ground for the corporate world as it delivers industry-ready students. It has produced thousands of professionals in various disciplines including Engineering, Science, and Management. Today, over 16000 NIST alumni, contribute in technology, leadership, management, public and social services around the globe. In the year 2022 Placement and Career Development session is an achievement accomplished so far in the placement front. Taking into account the single offers only, we have achieved around 70% of successful placements for the B.Tech. 2018-2022 Batch, and MBA, MCA & M.Tech. 2020-22 batch. And if we take into account the multiple offers then it will be above 100%. Furthermore, the highest CTC of INR 21 LPA, with an

Average of 4.5 LPA and the minimum salary of 2.0 LPA was offered during the 2022 placement session and more than 142 companies, such as, Wipro, Cognizant, TCS, Comviva, Happiest Minds, Tech Mahindra, Sak Robotix, PWC, AtosSyntel, Spikewell, Excel Corp, Adani Power, Western Digital, ICICI Bank, IndusInd Bank among various others have recruited. In the past few years, we have seen the best placement record in the history of NIST irrespective of Covid-19 pandemics and challenges. A hearty congratulations to Chiranjeeb Nayak (CSE), 2022 Graduating Batch, for getting placed in JUSPAY @21 LPA. NIST is thrilled to have such brilliant students and thanks all faculties for their support. This has been possible under the able guidance of our founder chairman, Dr. Sukant K. Mohapatra & the entire career development team of NIST.



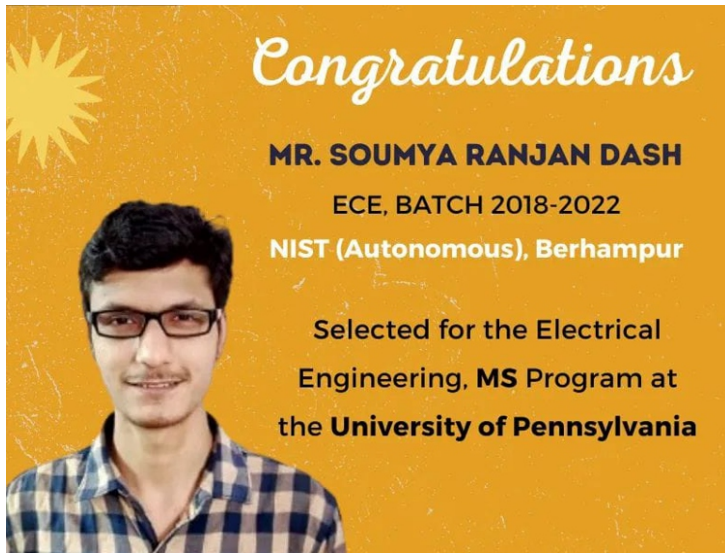
## 2.2. Students Internship in SPIKEWELL

30<sup>th</sup> June, 2021- Congratulations to our students: Anand Pujari, Aparajita Pradhan, Deepti Mayee Sahu, K Hrithik Rao, Rakesh Pradhan, Sakhi Satapathy, Shoumik Sahu, Sital Sabat, Vedanta Sahu, Yashraj Maharana, Muddassir Eqbal, and Prangyashree Jena selected for their internship in SPIKEWELL.

It is the first step that you may opt to build your career ahead with your acquired skills and knowledge in our organisation with the able guidance of our able faculty members whose endeavours is flourishing through your success stories. We wish all of you a bright future ahead!



## 2.3. Student selected for MS Programme in University of Pennsylvania



Mr. Soumya Ranjan Dash (ECE, 2022 Graduating Batch) has been selected for the MS Program into the Electrical Engineering, at the University of Pennsylvania, for the Fall 2022 session.

University of Pennsylvania has procured 13th rank in the QS World University Rankings in 2022.

NIST family congratulates him and wishes him for a bright future.

## 2.4. Student selected for ISET-(International Start Up Enrichment Tour)



Mr. Arup Mohanty (CSE, 2023 Graduating Batch) selected for ISET-(International Start Up Enrichment Tour) to Singapore with a flight scholarship. Selection was made on the basis of a case study competition conducted by IIT-DELHI in collaboration with LWT Academy in 2021. From India 66+ delegates were selected from various institutions across the Country like IIM, IIT's etc. The Singapore chamber of commerce And Industry (SCCI) by Govt. of Singapore ,will facilitate conferences on Blockchain, future technologies,etc.



### 3. RESEARCH AND PUBLICATION:

NIST congratulates faculty members for their galore of publications in the last three months. They are of high impact factors, which shows success in the area of research and publication. The pool of publication is added with the following: research papers and book chapter published by our faculty members.

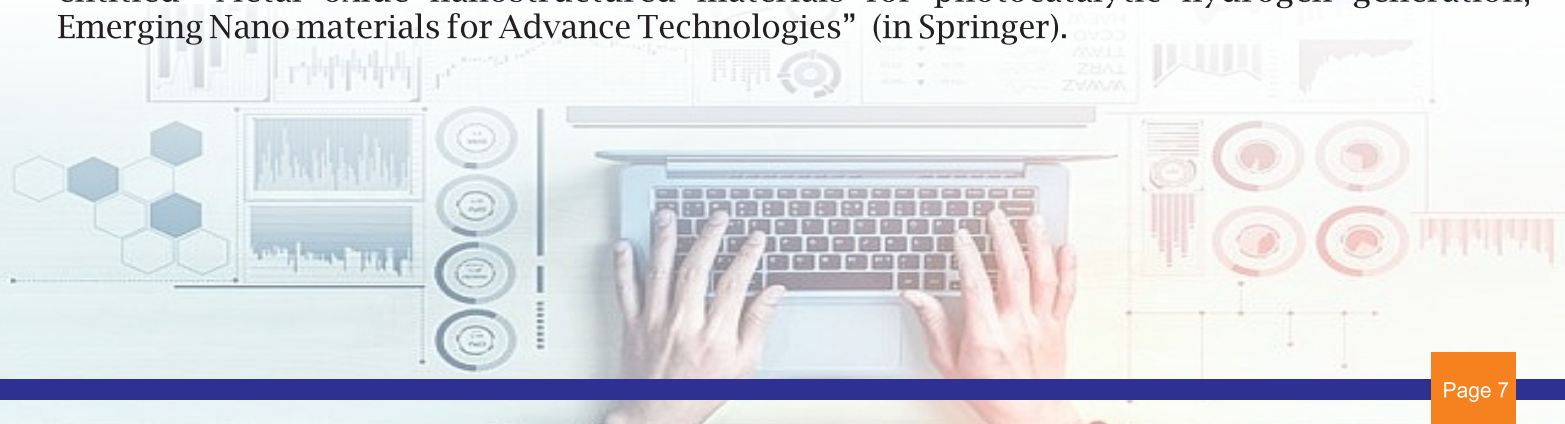
NIST congratulates all on their success and praises their endeavors. Selected few from the pool of publications are:

#### 3.1. Research Papers

- **I.S. Samanta, P.K. Rout, K. Swain, M. Cherukuri, S. Mishra**, Power quality events recognition using enhanced empirical mode decomposition and optimized extreme learning machine, *Comput. Electr. Eng.* 100 (2022) 107926 (SCIIF 3.8).
- **I.S. Samanta, P.K. Rout, S. Mishra, K. Swain, M. Cherukuri**, Fast TT transform and optimized probabilistic neural network-based power quality event detection and classification, *Electr. Eng.* (2022) 1-18 (SCIIF 1.8).
- **R.K. Padhy, S. Sahu**, Oxidation of iminodiethanol by Ce (IV) in microheterogeneous system: a comprehensive kinetic analysis, *J. Dispers. Sci. Technol.* (2022) 1-11 (SCIIF 2.2).
- **R.K. Padhy, S. Sahu**, Oxidation of triethanolamine by ceric ammonium sulfate in aqueous sulfuric acid: spectrophotometric kinetic and mechanistic study, *MonatshefteFürChemie-Chemical Mon.* 153 (2022) 69-78 (SCIIF 1.5).
- **A.M. Khalkho, B. Rapada, G. Majumder, M. Cherukuri, D.K. Mohanta**, Impact Assessment of Solar Power Generation Uncertainty on Smart Grid Reliability and Carbon Neutrality, *Front. Energy Res.* 10 (2022) (SCIIF 3.3).

#### 3.2. Book Chapter Publications

Book chapter has been published by our students with faculty shows the research interest among students at NIST and we are proud of the efforts by the students. One of the publications is the following book chapter. Satya Sopan Mahato, Shrabani Mahata have published book chapter entitled “Metal oxide nanostructured materials for photocatalytic hydrogen generation, Emerging Nano materials for Advance Technologies” (in Springer).



## 4. SEMINARS AND EVENTS:

### 4.1. National Webinar on Preparedness for Electric Vehicles by DISCOM

6<sup>th</sup> February, 2022- Indian Energy Congress in association with NIST (Autonomous), Berhampur has organised a national level webinar on “Preparedness for Electric Vehicles by DISCOM”. Indian Energy Congress is a national professional society dedicated towards conservation, awareness and promotion of energy resources and technology. The primary responsibility of DISCOMs is to supply reliable electricity to the end user. The stability of the grid and reliability of power could be compromised if several EVs are connected to the grid at the same time, causing the grid to overload. The problem gets worse at times when the grid is already experiencing a peak demand, and in locations where the network is already experiencing congestion.



### 4.2. International Women's Day Celebration

8<sup>th</sup> March, 2022- NIST (Autonomous), Berhampur hosted International Women's Day and conducted multiple events: badminton, basketball, cricket, kabaddi, throwball, poster competitions, and debate competitions for students, faculty, and staff members. International Women's Day is celebrated on 8th of March every year to honour women's socio-economic, cultural, and political achievements.



### 4.3. Webinar on “Advancement in EV and EHV Technology”

17<sup>th</sup> March, 2022- School of electrical science, NIST(Autonomous) Berhampur, organised a webinar on “Advancement in EV and EHV Technology” in Collaboration with I3CC and R& D Cell, NIST, at 11:00Am - 12.00PM, with senior faculty and industrialists.

Resource person for the webinar was Dr. Nishant Patnaik (Assistant Professor, Dept. of EEE, CBIT Hyderabad). Dr. Aswini Kumar Nayak was the convenor and Dr. Sushanta Kumar Sahu was the co-convenor of the event.



### 4.4. ALUMNI TALK on “Scope of higher studies after B.Tech.”

23<sup>rd</sup> March, 2022- NIST organized an alumni talk on “Scope of higher studies after B.Tech.”, Our aluminous, Mr. Abhijeet Pattnaik, Associate Design Engineer, Intel Corporation, USA was the speaker and the event was a great success with enthusiastic participation of students from our organization.





### 4.5. On Martyrs Day

23<sup>rd</sup> March, 2022- NIST celebrated Martyrs Day with hundreds of students' involvement in the program who took pledge for serving the nation selflessly and devotedly.

The Chief Guest of the programme Dr. Shivani Guru and Programme Officer Siba Prasada Tripathy has appealed to the volunteers to stick to the pledge and keep serving Nation.



### 4.6. Student Club Activities & Sports

24<sup>th</sup> March, 2022- An “inter-college sports competition” was organized by our institute from 21/03/2022 to 24/03/2022. This event involved almost all the students as per their interest on the sports and activities: Cricket held in NIST Cricket Ground (21/03/2022 to 24/03/2022), Kabaddi held in the Sankalp Ground (22/03/2022 to 24/03/2022), Volleyball held in the volleyball ground (22/03/2022 to 24/03/2022) and Basketball held in the Indoor Stadium (22/03/2022 to 24/03/2022).

The participants in sports were from: GIET University, Gunupur; VSSUT, Burla; PMEC, Berhampur; IISER, Berhampur; NIST, Berhampur; Roland College, Berhampur, Christ College, Cuttack; SOA University, Bhubaneswar; Silicon Institute of Technology, Bhubaneswar.

In cricket winner was team from GIET University Gunupur and NIST Autonomous bagged the runner; team NIST Autonomous was the winner on Kabadi and GIET Gunupur was the runner; and in volleyball Silicon was the winner and CET bagged the runner. Sports play an important role in developing physical and mental health, life skills and personality of an individual.



### 4.7. Webinar on Rural Entrepreneurship and Innovation

25<sup>th</sup> March, 2022- NIST- Autonomous organized a webinar on “Rural Entrepreneurship and Innovation’ in collaboration with National Service Scheme (NSS) and Unnat Bharata Abhiyan on 25th February at 10 am.

Mrs Tuti Sndhya, senior faculty Mahatma Gandhi Council of Rural Education, Ministry of Education, Govt. of India was the resource person of the Webinar.



## 5. FOR THE COMMUNITY:

### 5.1. World Social Work Day

15<sup>th</sup> March , 2022- A Day to celebrate and recognize the social work teams for the great work they do to support individuals, families and communities. The theme: “Co-building a New Eco-Social World: Leaving No One Behind”. We appreciate our enthusiastic student’s services on the occasion especially their willingness and active participation in various activities for the society. It is the key day in the year when social workers worldwide stand together to advance our common message globally.



### 5.2. Awareness Programme by Renewable Energy Club

Renewable Energy Club, NIST (Autonomous) organised an awareness programme on the occasion of Energy Conservation Day.

This day focuses on making people aware on global warming and climate change, and promotes efforts towards saving energy and resources. The club curated a technical corner, featuring all the new and developing innovations regarding Renewable Energy and Energy Conservation.

The theme was "GO GREEN" and it was celebrated by organising five fun games: Pictionary, Water Pong, Whisper Challenge, Imagine and Balloon War. A poster and drawing competition on Energy Conservation was also conducted by the club members for all the Students.



## 6. DOCTORATE DEGREE AND AWARDS BY FACULTY:

NIST congratulates faculty members: Dr Sasmita Padhy, Dr Tushar Ranjan Sahoo, Dr Amarnath Padhi for successfully obtaining their PhD degree. The doctoral degree and research area along with the thesis titles are:

**Dr. Samita Padhy, Assistant Professor, EE**, with the supervision of **Prof. Dr. Sidhartha Panda**, has successfully defended her PhD thesis entitled “Intelligent Controllers for Stability Improvement of Power System with Distributed Generation” and has been awarded the Doctoral degree in Electrical Engineering, from VSSUT, Burla, Odisha. She has incorporated six research papers published/accepted by International Journals into the thesis.

**Dr Tushar Ranjan Sahoo, Assistant Professor, MBA**, has been awarded doctorate degree with successfully defending his Ph.D. thesis entitled “Effectiveness of Buyer-Seller Interaction and its Impact on Sales Employees’ Retention With The Mediating Role Of Sales Performance In Banking Industry”.

NIST congratulates **Dr Amarnath Padhi**, for his Ph.D. degree awarded by Fakir Mohan University, Balasore, for successful defence of his thesis entitled “Research Methods in Organizational Behaviour and Human Resource Management”.

## 7. WELCOME TO NIST FAMILY:

NIST Autonomous welcomes the following faculty members to our NIST family.



### **Ms Minakhi Dash**

M.A. in English and PGCTE from CIEFL, Hyderabad, has joined as Assistant Professor, Department of English. She has more than a decade of teaching experience.



### **Asit Kumar Das**

M.Tech. and Ph.D. in CSE (Continuing) has joined as Assistant Professor, School of Computer Science. He has teaching experience of more than four years and has worked in IT Industry for eleven years in software industry. He has one journal publication and three conference papers. Area of research interest is on "Data mining & Soft computing" and "Machine learning & Deep learning".



### **Raj Kumar Baliyar Singh**

Raj Kumar Baliyar Singh (Mtech.), M.Tech. (CSE) has joined as Assistant professor, School of Computer Science.



### **Tushar Ranjan Sahoo**

Tushar Ranjan Sahoo, M.Phil. and Ph.D. has joined as Assistant Professor in department of MBA. He has work experience at Birla Global University (BGU), Bhubaneswar and VSSUT, Burla. His area of research interest are on Agricultural Marketing, Neuroscience and Neuromarketing, and Buyer-seller interaction in financial service organization.



### **Nilamadhaha Panda**

M.A. Economics, LL.M and MBA has joined as Assistant Professor in MBA department. His area of interest are: Engineering Economics and Costing, Environmental Science, Organisational Behaviour and Management Process, Organisational Structures Management, Business Law and Business Ethics, Managerial Economics, Consumer Behaviour, Insurance Risk Management, Human Relations Legislations, Entrepreneurship and Industrial Management and Construction Management.



### **Lal Sanjeeb Kumar Ray**

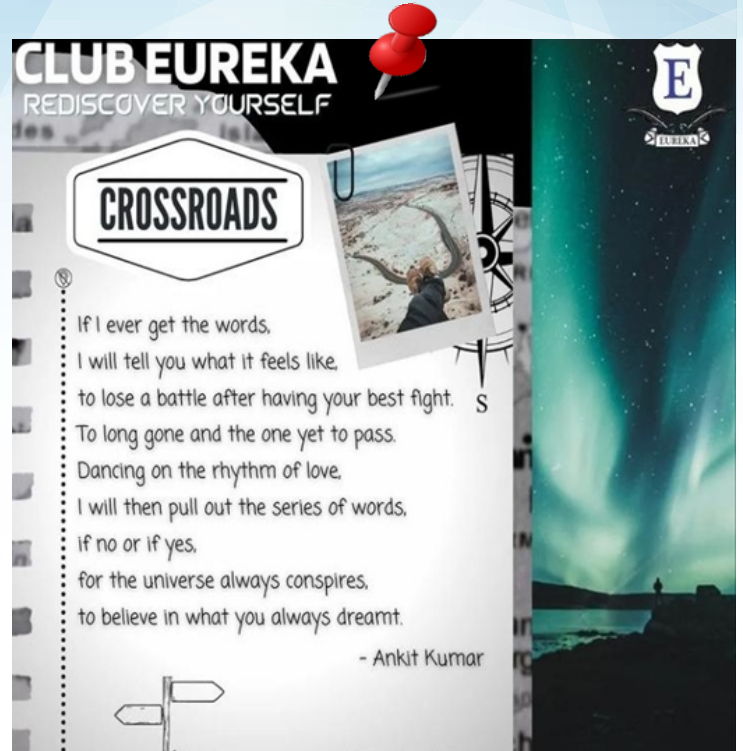
Lal Sanjeeb Kumar Ray (MBA) has joined as Assistant Professor in Management.



### **Dr. Prasanta Kumar Behera**

Dr. Prasanta Kumar Behera, MSc, M. Phil., M.Tech. and Ph.D. has joined as Assistant Professor, in the Department of Chemistry. He has one patent, 15 papers published, two book chapters and 4 conference proceedings published. He is having two years of industry experience in Reliance Industries. His area of interest is on self-healing and shape-memory polymers, Polymer nanocomposites and organic-inorganic hybrid materials, Polymer synthesis, modification and applications, Polymers for energy sector: Biodegradable polymers.

## 8. FROM STUDENTS' CLUB GALLERY:



## 9. BE A STUDENT OF NIST (AUTONOMOUS) TO BECOME THE BEST VERSION OF YOURSELF!!!

- ✓ NAAC accredited with Grade 'A', NBA accredited (CSE, ECE), 69th NIRF Ranking -2016, 55th DATAQUEST-2020, 98th Times Ranking-2021
- ✓ Excellent on-campus placements in Leading Companies
- ✓ 142+ Companies visited in 2022 for campus placement
- ✓ Highest Package of Rs 21 Lakhs in 2021-22
- ✓ 100% Placement Assistance

## FROM THE PUBLISHER'S DESK:



Achievements and accomplishments are the trend of every NISTian, which is being maintained during the hard time of COVID-19 pandemic too with success stories from the members of our organisation. NIST has succeeded in the area of research and industry collaboration, record placement of the students, taking initiative for social cause like teaching the teachers and students of colleges like Chikiti Mahavidyalaya and the academic activities in a hybrid mode to get the utmost outcome to benefit during the world crisis are few noteworthy accomplishments.

We value you and your opinions. Please send us your feedback to [epublication@nist.edu](mailto:epublication@nist.edu).

Happy Reading  
**Sarangadhara Hota**

## Editorial Team



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