

From the Director's Desk.

NIT The National Institute of Technology Agartala (NITA), an Institute of National Importance (INI) was instituted by Government of India with the mission to herald excellence in technical education and research in the North-East region. The institute was established by the Ministry of Education (MoE) in the era of renaissance in technical education in north east. NIT Agartala, in its strategic initiatives realizes the responsibilities of higher education to meet the future challenges of a sustained development in knowledge-based economy and roots its commitment in inculcating the values of quality education as per National Education Policy 2020 (NEP2020). The institute strives to the causes of higher education taking the academic and research dissemination in its stride. These impetus will be the key in furthering, fostering and enhancing the frontiers of creating sustained employment potential for the rural and socio-economically challenges for the country and particularly in the North East region. Among its objective, NITA pledges to revitalize the indices of education from technical to excellence in



A wink to NIT Agartala from the eyes of the Director.

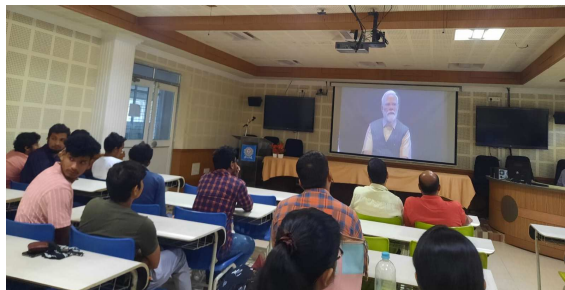
conventional science and management areas through a plethora of undergraduate, post graduate and doctoral programs. The academics programs target to a multifaceted knowledge hub in the region. The academic programs provide holistic education incorporating innovation, promotion of entrepreneur skills with assistance of newly established Innovation and Entrepreneurship Development Center. The patronage of national and internationally reputed faculty strive to secure and promote education of highest standard. NITA has initiated and will continue to patronize state of the art research endeavors beyond the realms of

pure academic pursuance. The institute actively encourages researchers efforts culminating in securing commercially exploitable intellectual property rights which will help to realize the objectivity of a higher education system in its perspective and encour-

ages the disclosure of innovations achieved. Establishment of a vocational Training and Skill Development Center under the auspices of the Indian Society for Technical Education, a nodal center for research and Development under the auspices of TIFAC, a School of Rural Technology and Development technical education and development at the institute. The Kendriya Vidyalaya within the campus cater to quality primary school education, have been, a notable achievements in the societal commitments. The institute has broken impediments and barriers in its way of becoming a preferred institute.

AKHIL BHARATIYA SHIKSHA SAMAGAM

It is coinciding with 3rd Anniversary of National Education Policy 2020 scheduled on 29 - 30 July 2023 inaugurated by Hon'ble Education Minister at ITPO.



AKHIL BHARATIYA SHIKSHA SAMAGAM at NIT Agartala

Volume 4, Issue 1

10th January 2024

Special points of interest:

- AKHIL BHARATIYA SHIKSHA SAMAGAM
- PROVID-1
- ISRO STIC Centre
- IIC & Startup Centre
- Faculty Achievements
- Sophisticated Library
- 16th Convocation

Inside this issue:

Product handover and technology transfer ceremony	2
Papers & Journals	2
Representing PROVID 1	2
interactive session	3
Various Programs	3
Renowned Conferences	3
Celebration of International Yoga Day	4
Swachhata Hi Seva Campaign	4
Funded projects	5
16th Convocation	5
Remarkable Achievements	5

Glimpse of product handover and technology transfer ceremony

A pollution monitoring systems have been successfully designed, fabricated, and tested under the supervision of PI Dr. Mitra Barun Sarkar, Assistant Prof., ECE. Mr. Shubhajit Vishwas worked as a research fellow in the project. The system consists of sensors to measure CH_4 , CO , CO_2 , O_3 , SO_2 , NO_2 , $\text{PM}_{2.5}$ / PM_{10} and Temperature & Humidity in ambient air. The device provides information on the concentration of the gases and particulate matter, ambient temperature, and humidity as per the user selected time interval. Developed product entitled (प्रदूषणम विधेयकः) "Integrated, Miniature and Portable Air Pollution Monitoring System" handed over to the Indian Space Research Organi-

sation (ISRO), department of Space, Government of India on April 27th 2023.



Book & Journal Papers

1. Jayanta Chakraborti, Anirban Dutta, Bhaswati Jana, "Electronic Word-of-Mouth for Improving the Business Innovation for the Start-ups", *International Journal of Business Excellence, Inderscience Publication, Indexing: Scopus* (March 2023 Accepted for Publication)
2. **Gyanabati Khuraijam** and Kaju Nath. (Ed.) *Post Pandemic Perspectives: Public Health, Management and Socio-economics*. AuthorsPress, New Delhi, India. ISBN: 978-93-5529-783-9, 2023.
3. Rajib Mallik (4th Position) with Mani Tyagi, Rajesh. E and Amitabh Roy, *Management: Principles and It's Practice*, ISBN: 978-81-19338-04-7, AG Publishing House, Bhopal, M.P. India, 2023.
4. Total 9 , SCI Paper published by Department of Electronics and Communication Engineering during April to June.
5. Total 5 , Journal Paper published by Department of Chemical Engineering during June to August.
6. Total 4 , Journal Paper published by Department of Bioengineering during April to June.
7. Total 7 , Journal Paper published by Department of Mathematics during April to June.
8. Total 6 , Journal Paper published by Department of Computer Science and Engineering during July to August.

Product PROVID-1

NIT Agartala was invited to showcase recently developed product PROVID-1 , at an event commemorating 25th year of National Technology Day and highlights India's innovation prowess. The event was inaugurated by Hon'ble Prime Minister at Pragati Maidan, New Delhi



"We can't solve today's problems with the mentality that created them."

- Albert Einstein

Interactive sessions

- One Week STTP on "Optimum Design: Principles and Applications", is being organised by Dept of Mech Engg from 1.5.23 to 5.5.23. Prof K. Deb of Michigan State University, USA and other experts from IITs were the expert speakers .

" Give me a place to stand, and a lever long enough, and I will move the world."

-Archimedes



STTP on "Optimum Design: Principles and Applications" .

- One day Lecture Program on NEP 2020 held on 6th Nov, '23. Dr. Suvro Kamal Dutta, an eminent educationist delivered the expert talk . Prof S.K. Patra, Director of NIT A; Prof Abhay Kumar, Director of IIIT A, Prof. S. Bhaumik, Dean AA and Prof. R.P. Sharma also spoke on the occasion

Various Programs

- Dr. Subhadeep Bhattacharjee being the Chairman of the Institution of Engineers (India), Tripura State Centre in Tripura which is an Indian state neighbouring Bangladesh was invited by the Institution of Engineers (Bangladesh) (IEB) to attend the 60th Convention of IEB during 11-16th May 2023 with a team of delegates which is a prestigious event and was inaugurated by Her Excellency the Prime Minister of Bangladesh. The Institution of Engineers Bangladesh (IEB) is the most prestigious National Professional Organization of the country Bangladesh



and includes all disciplines of engineering.

" For a successful technology, reality must take precedence over public relations, for Nature cannot be fooled. "
- Richard P. Feynman



Renowned Conferences

- One day International Seminar on Digital Humanities was organized by Department of Management, Humanities & Social Sciences, NIT Agartala on 21st April, 2023. Prof H.K. Sharma, Director, NIT Agartala presided over the inaugural session. Prof. Aleksandar Petrovic, University of Belgrade was the Chief Guest and he delivered the keynote address. He spoke about the emerging issues of

humanities which study aspects of human society, and include well-known popular subjects, like history, philosophy, literature and modern languages. Various papers were presented related to the themes. Dr. Gyanabati Khuraijam, Assistant Professor, MHSS was the organizing Secretary of the seminar.



International Yoga day celebrated with great enthusiasm



along with Dean (SW), faculty members, staff and students participated in the program at ABV Sports complex of the Institute. Sports Officers supervised the event.

Students performed street play at Sankar Bazar village

- International Yoga day celebrated with great enthusiasm on 21st June 2023 at NIT Agartala. In morning Prof. S.K. Patra, Director NITA ,
- Students of NIT Agartala performed street play at Sankar Bazar village area in the neighborhood of NIT Agartala and spread the awareness about Swachhata Hi Seva. On 1st October 2023. Students , faculty and staff members took Swachhata pledge along with villagers.

77th Independence Day celebrated at NIT Agartala

- 77th Independence Day celebrated at NIT Agartala with great enthusiasm. Faculty, staff & students took part. In the morning Prof. S.K.Patra, Director hoisted the National flag. Proff. Patra mentioned about the importance of the day and urged all to be responsible citizens



“Intelligence is the ability to adapt to change.”

-Stephen Hawking



Swachhata Hi Seva Campaign

- NIT Agartala successfully conducted Swachhata Hi Seva Campaign at Market Complex of NIT on 1st October, 2023. Students, staff and faculty members took part in the program with great enthusiasm.



Funded projects

- A project proposal named Transmission of quantum information using perfect state transfer has been approved at a total cost of Rs.20,40,293/- for a period of three years under the supervision of Dr. Supriyo Dutta, Dept of Mathematics, NIT Agartala Funded By SERB

16th Convocation held on 4th Nov, '23.



- 16th Convocation held on 4th Nov, '23. Prof (Dr) Manik Saha, Hon'ble CM of Tripura graced occasion as Chief Guest & delivered Convocation Address. Prof. D. Acharya was Guest of Honour. Sri B. Bawri, Ch'man, BoG presided over. Prof. S.K. Patra, Director awarded degrees to graduates

Partition Horror Remembrance Day was celebrated at NIT

- Partition Horror Remembrance Day was celebrated at NIT Agartala on 14/08/2023. On this occasion events were organised commemorating the victims and sufferings of people during the 1947 partition of

India, remembering the pain and horror faced by our ancestors due to partition.



Remarkable Achievements

- In Department of Mathematics BSMS Basic Science has won 1 gold, 4 silvers, 1 bronze medal in inter-branch championship.
- Winning Team Squad from BSMS in Mathematics and Computing branch:

Cricket 1st Prize Gold

Chess 2nd Prize Men's Silver

Chess 2nd Prize Women's Silver

- One of the pass out student of M.Sc in Mathematics and Computing, Miss Dipanjali Ghosh (20PMA010) was selected as JRF in the Department of Decision Science and Operation Research, IIT Mumbai.

"Education is the most powerful weapon which you can use to change the world."

-APJ Abdul Kalam.

Media Page.

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The Team for SAC :



Dr. Paritosh Bhattacharya
Asst Prof, Chairman



Dr. Mitra Barun Sarkar
Asst Prof, Convener



Dr. Suman Deb
Asst Prof, Member



Dr. Rajib Mallik
Asst Prof, Member



Mr. Dhrubajyoti Bhowmik
Asst Prof, Member



Mr. Malay Paul
Technical Staff

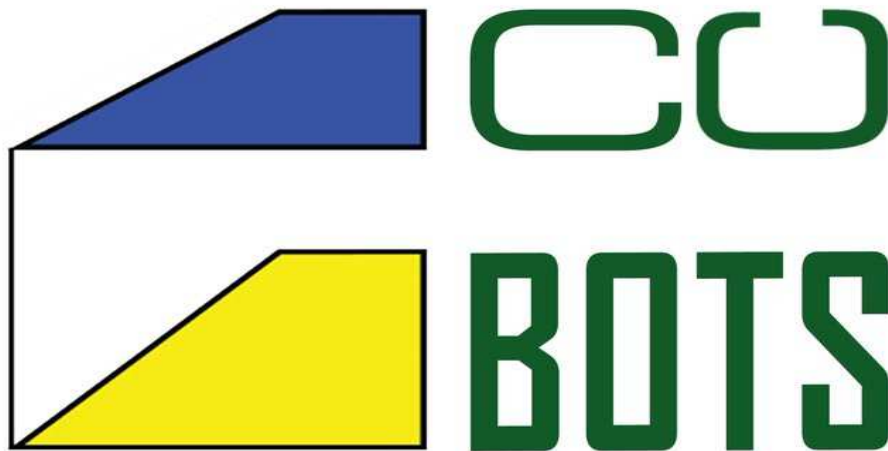


Mrs. Sarbani Das
Technical Staff

Udantah is a newsletter published by NIT Agartala. It paves a role to showcase the major events, activities and achievements of the Institute. This newsletter will provide avenue to increase a better understanding and knowledge of our institute.

Institute Innovation Council and Startup

- NIT Agartala Congratulates Ms Rapti Chaudhuri the founder of the startup "CUBots" and Mentor faculty from Department of Computer Science & Engineering and the Chairman IICeS Dr. Suman Deb as the winner of Octane open challenge with a funding support of Rupees 25 lakhs.
- CUBots Chitrika & CUBots Omni have been officially inaugurated by the honourable Chief Minister of Tripura, Dr. Manik Saha on 19th October 2022. The founder of the company CUBots, Ms. Rapti Chaudhuri, has been seed granted with 1lac/- by DIT for developing product prototype from POC. Later on, it has got many more success stories including OctaNE selection for grant of 25 lacs by STPI under Meity and presented as a finalist team in pitching round for Global Student Entrepreneur Awards (GSEA).



CUBots Chitrika & CUBots Omni have been officially inaugurated by the honourable Chief Minister of Tripura, Dr. Manik Saha on 19th October 2022.

A glance on our dedicated Social media Page.



<https://www.facebook.com/nit.agartala.501>

