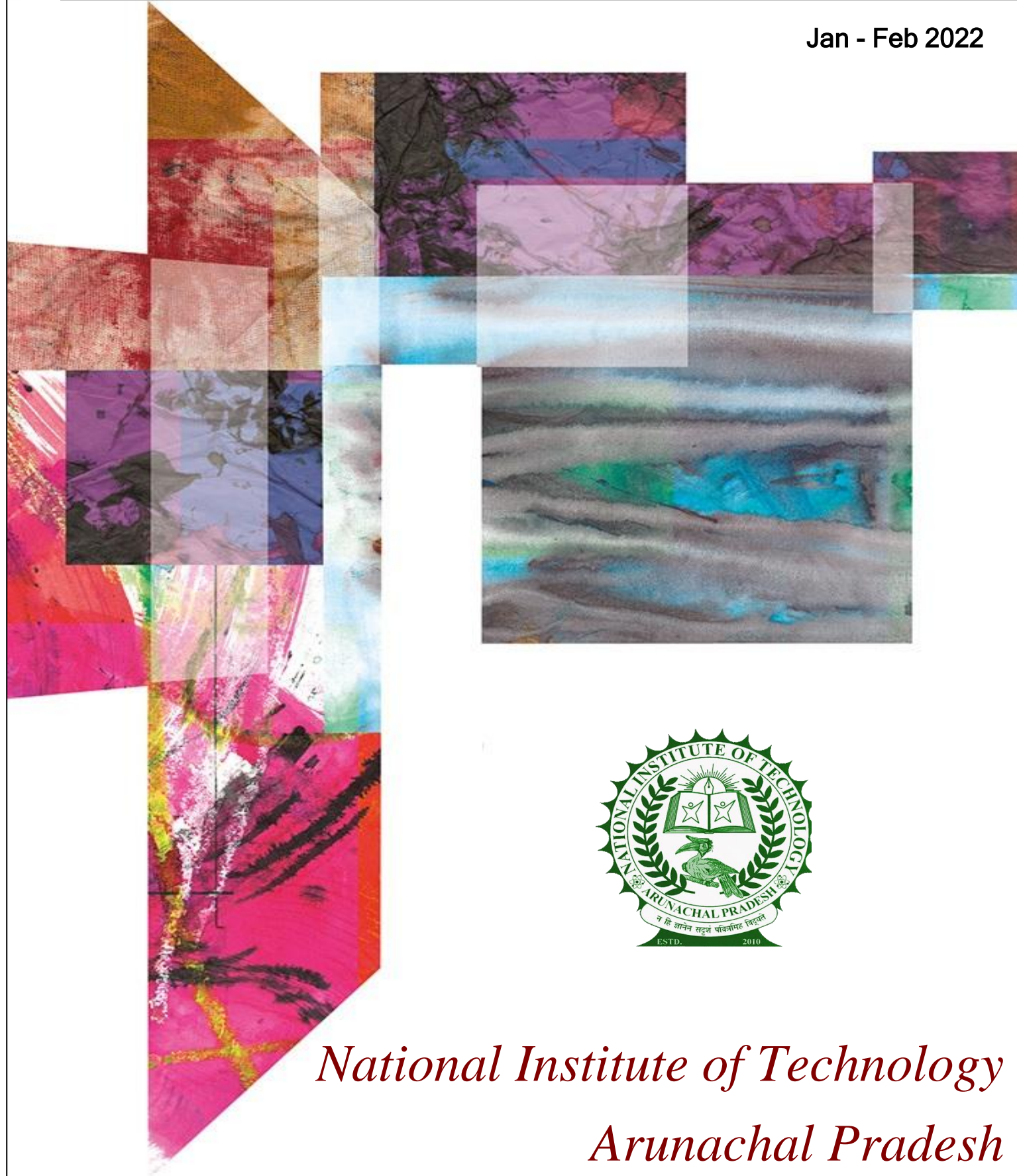


TECHNODAYA

Jan - Feb 2022



*National Institute of Technology
Arunachal Pradesh*

Director's Message



Prof. Pinakeswar Mahanta
Director
NIT Arunachal Pradesh

Greetings!

Technodaya, Volume-V, Issue- 1 is published and brought to your notice. During the last two months (January – February, 2022), our faculty members and officers have contributed exemplary progresses of advancements in many academic, research and outreach activities standing out as landmarks in our mission of pursuit of overall excellence in technical education. My whole-hearted wishes and congratulations to all who are involved directly and indirectly in the achievements, some of which are Consultancy Works, 14 National/International Conferences and Seminars, 03 NECTAR sponsored EDPs, 19 research papers in International/National Journals/Conferences, and so on. As outreach activities, Slogan Writing Competitions by EBSB Club, Celebration of Statehood Day, National Science Day, Impact Lecture Series of the Institution's Innovation Council (IIC), and NCC camps by NCC Cell were organized.

With Best Wishes!

Prof. Pinakeswar Mahanta
Director
NIT Arunachal Pradesh

Editor-in-Chief's Message



Dr. K. Vijayakumar
Assistant Professor
Dept. of M&H

I am very happy to compose this issue of TECHNODAYA. I thank my co-editors Dr. Shubhajit Das, Assistant Professor, and Mr. Ashok. R, Research Scholar, Dept. of ME for the support and suggestions. Special thanks to my colleagues for their valuable comments to make this edition more perfect. Further I invite all students, alumni, faculty members, officers, supporting staff and various stakeholders associated with NIT Arunachal Pradesh to support us and send news to technodaya@nitap.ac.in or newsletternitap@gmail.com.

Editorial Board

Chairman

Prof. Pinakeswar Mahanta
Director
NITAP

Editor-in-Chief

Dr. K. Vijayakumar
Assistant Professor
Dept. of M&H

Editor

Dr. Shubhajit Das
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Dept. of ME

Editor

Mr. Ashok. R
Research Scholar
Dept. of ME

Academic Activities*Invited/ Expert Lectures*

- ✚ Prof. Pinakeswar Mahanta, Director, NITAP participated as Chief Guest and delivered inaugural address in International Conference on Emerging Trends in Nano Materials Science and Technology (ICETNMST-2022), organized by Department of Science and Humanities National Institute of Technology Nagaland, 27-29, January 2022.
- ✚ Prof. Pinakeswar Mahanta, Director, NITAP participated as Chief Guest and delivered Director's Dialogue in 2nd Pan NIT HSS International Conference on Resilience and Transformation for Global Restructuring organized by Malaviya National Institute of Technology Jaipur, Department of Humanities and Social Sciences in association with 20 NITs, 07-09 January 2022.
- ✚ Prof. Pinakeswar Mahanta, Director, NITAP attended Regional Review Meeting for Comprehensive Discussion with Higher Education Institutions of North East Region organized by Minister of State, Department of Education, 22nd February, 2022.
- ✚ Prof. Pinakeswar Mahanta, Director, NITAP participated as Chief Guest and delivered a keynote lecture on 'Advancement of Technology for Clean Coal Energy and Low Carbon Growth', in one week short term course on Energy Conservation for Sustainable Society: Innovation and Entrepreneurial Opportunity, organized by NIT Slicher, 27 February - 04 March 2022.
- ✚ Prof. Pinakeswar Mahanta, Director, NITAP attended Board of Governance Meeting of Research Park of IIT Guwahati, 28th February 2022.
- ✚ Dr. S. N. Deepa, Associate Professor, Department of Electrical Engineering, delivered expert lecture on "Introduction to Artificial Neural Networks" in an Online Faculty Development Programme, organized by Dept. of EEE, Christ the King Engineering College, Coimbatore on 8th February 2022.
- ✚ Dr. Sahadev Roy Assistant Professor, Department of Electronics and Communication Engineering delivered a keynote address in a webinar on "Recent trends in IOT and embedded system" organized by Dream Institute of Technology, Kolkata on 15th February 2022.
- ✚ Dr. Ram Prakash Sharma, Associate Professor, Department of Mechanical Engineering, delivered expert lecture on Matribhasa Diwas in one day national seminar organized by Anusandhan Prakoshth (Research Cell), Bhartiya Shikshan Mandal, Arunachal Prant on 27th February 2022.



Photo: Lecture on Matribhasa Diwas

- ✚ Dr. Preetisudha Meher, Assistant Professor, Department of ECE delivered invited talk on “Teaching Methods for Inspiring the Students” at AICTE-ISTE Induction/Refresher’s programme on Pedagogy Innovative Methods of Teaching and Learning, 07th –12th February 2022 organized by the Department of Electronics and Communication Engineering at Bharat Institute of Engineering and Technology, Hyderabad sponsored by AICTE-ISTE.
- ✚ Dr. Preetisudha Meher, Assistant Professor, Department of ECE delivered invited talk on “राष्ट्र विकास के लिए मातृभाषा का महत्व” at National Seminar on Matrabhasa Diwas organized by Bharatiya Sikshyan Mandal, Arunachal Prant, 27th February 2022.
- ✚ Following statutory meetings were held during the period of September and October, 2021:

SL No	Name of the Activities	Date of Activities
1	36 th Senate Meeting (blended mode)	28.01.2022
2	37 th Senate Meeting (blended mode)	24.02.2022

Workshop/EDP/FDP/Seminar/Conference/Webinar

- ✚ Dr. Yang Saring, Assistant Professor, Dept. of ECE and Dr. Biri Arun, Assistant Professor, Dept. of CSE conducted DST sponsored 5-day workshop on Automatic Speech Recognition from 21-25 February 2022 as coordinators at NIT Arunachal Pradesh, Jote campus. In the workshop, talks were delivered by experts & professors from IIT Guwahati, NIT Warangal, NIT Kurukshetra, NEHU Shillong, Gauhati University, K L University Andhra Pradesh, IIIT Hyderabad and IIIT Dharwad, in which the basics of Automatic Speech Recognition on languages of Arunachal Pradesh were discussed.
- ✚ Dr. Rajen Pudur, Assistant Professor, Department of Electrical Engineering, NIT Arunachal Pradesh conducted NECTAR sponsored 5 day training Entrepreneurship Development Programme (EDP) on “Training on Fibre Extraction from Banana Stem (Phase-I)” from 21 February 2022 to 25 February 2022, at NIT Arunachal Pradesh Jote campus. Total of 20 participants took active parts.



Photo: Training on Fibre Extraction from Banana Stem (Phase-I)

- ✚ Dr. Rajen Pudur, Assistant Professor, Department of Electrical Engineering, NIT Arunachal Pradesh conducted NECTAR sponsored Entrepreneurship Development Programme (EDP) on “Training on Layer Poultry farming(Phase –II)” from 7 February 2022 to 12 February 2022, at NIT

Arunachal Pradesh Jote campus. Total of 20 participants took active parts.



Photo: Training on Layer Poultry farming(Phase-II)

✚ Dr. Rajen Pudur, Assistant Professor, Department of Electrical Engineering, NIT Arunachal Pradesh conducted NECTAR sponsored Entrepreneurship Development Programme (EDP) on “Training on Layer Poultry Farming (Phase –III)” from 14 February 2022 to 19 February 2022, at NIT Arunachal Pradesh Jote campus. Total of 20 participants took active parts.



Photo: Training on Layer Poultry Farming (Phase-III)

- Dr. Shubhajit Das, Assistant Professor and Dr. Prases Kumar Mohanty, Assistant Professor, Department of Mechanical Engineering, NIT Arunachal Pradesh conducted one week NECTAR sponsored online Entrepreneurship Development Programme (EDP) on ‘Flexible 3D Printing Operation and Prototype Development’ from 21st to 25th February, 2021 as coordinators at NIT Arunachal Pradesh, Jote campus. A total of 131 participants registered for the program.

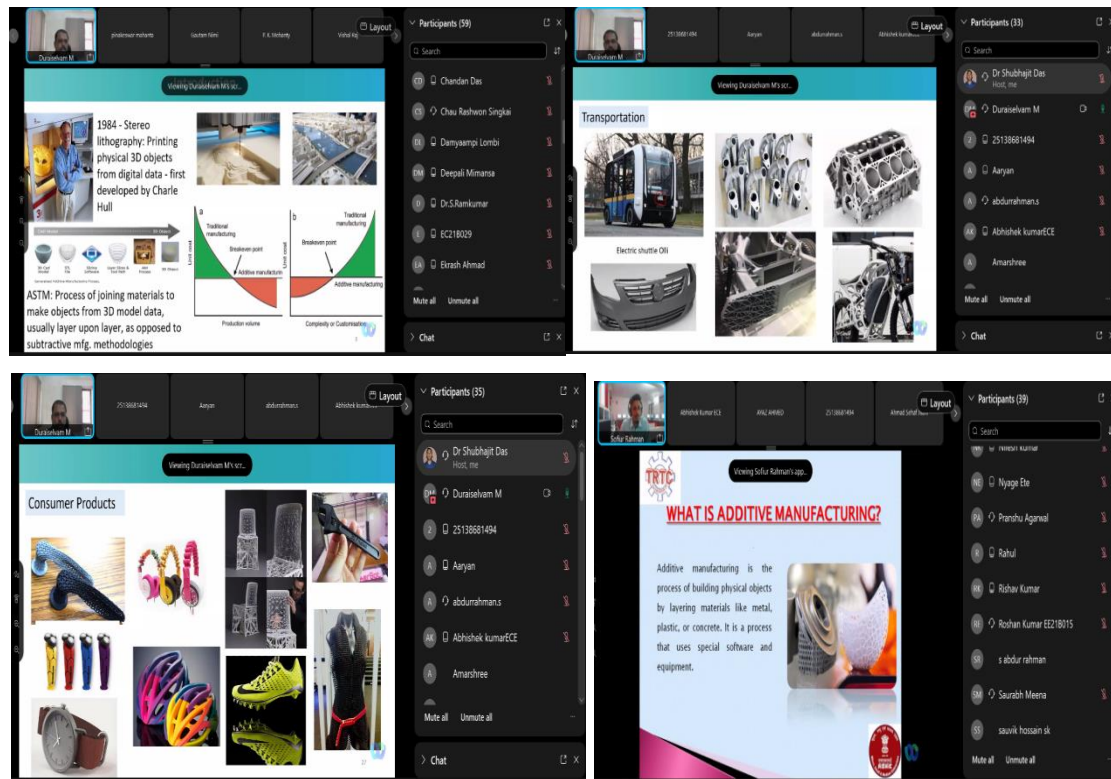


Photo: Flexible 3D Printing Operation and Prototype Development

- Dr. Ram Prakash Sharma, Dr. Shubhajit Das, and Dr. Preetisudha Meher, organized National Seminar in the Azadi Ke Amrit Mahotsav (75th Anniversary of Independence) Celebration of National Science Day Under the Umbrella of Gandhi Study Centre, National Institute of Technology, Arunachal Pradesh on 28th February 2022. 200 students from Kendriya Vidyalaya NERIST, Kendriya Vidyalaya Naharlagun, Kendriya Vidyalaya I Itanagar, Kendriya Vidyalaya II, Arunodaya Government School Itanagar, Higher secondary School Jote, Rajiv Gandhi Government Polytechnic Itanagar were participated. Prof. Chandrasekharan, NERIST and Prof. Hui Tag, RGU with internal Expert from NIT Arunachal Pradesh Prof. SN Deepa judged the exhibition and delivered the special lectures.



Photo: Winners of science exhibition, National Science Day

- ✚ Dr. Ram Prakash Sharma, Dr. Koj Sambyo, and Dr. Preetisudha Meher, organized National Seminar in the Azadi Ke Amrit Mahotsav (75th Anniversary of Independence) Celebration of Matrabhasha Diwas Under the Umbrella of Gandhi Study Centre, NITAP, in Collaboration with Bharatiya Shikshan Mandal Arunachal Prant on 19th February 2022.
- ✚ Dr. Ram Prakash Sharma, and Dr. Koj Sambyo, organized National Seminar in the Azadi Ke Amrit Mahotsav (75th Anniversary of Independence) Celebration of 392nd Birth Anniversary of Chhatrapati Shivaji Maharaj Under the Umbrella of Gandhi Study Centre, NITAP, National Seminar on Shiv Jayanti in Collaboration with Bharatiya Shikshan Mandal Arunachal Prant on 19th February 2022.

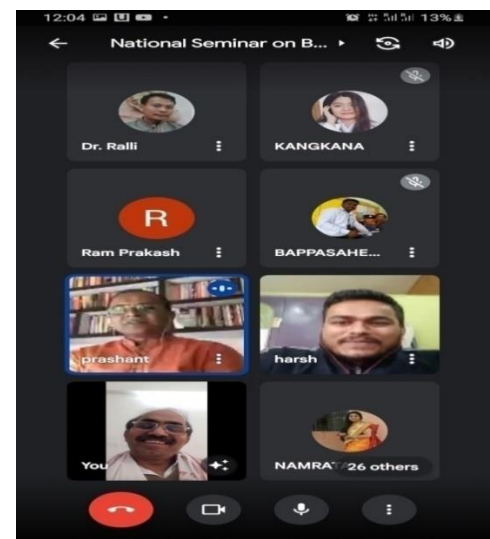
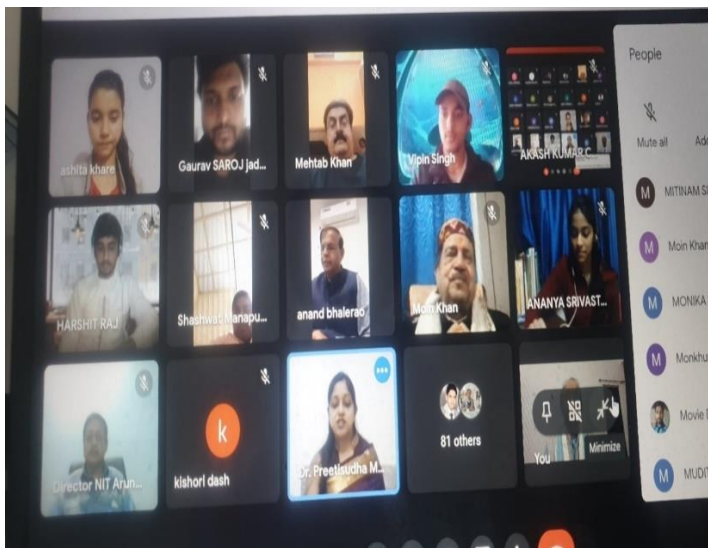


Photo: Celebration of Matrabhasha Diwas & Celebration of 392nd Birth Anniversary of Chhatrapati Shivaji Maharaj

- Dr. Ram Prakash Sharma, and Dr. Preetisudha Mehar, Organized National Seminar On “Nightingale of India Sarojini Naidu” in the Azadi Ke Amrit Mahotsav (75th Anniversary of Independence) Celebration of 143rd Birth Anniversary of Sarojini Naidu Under the Umbrella of Gandhi Study Centre, NITAP, on 13th February 2022.

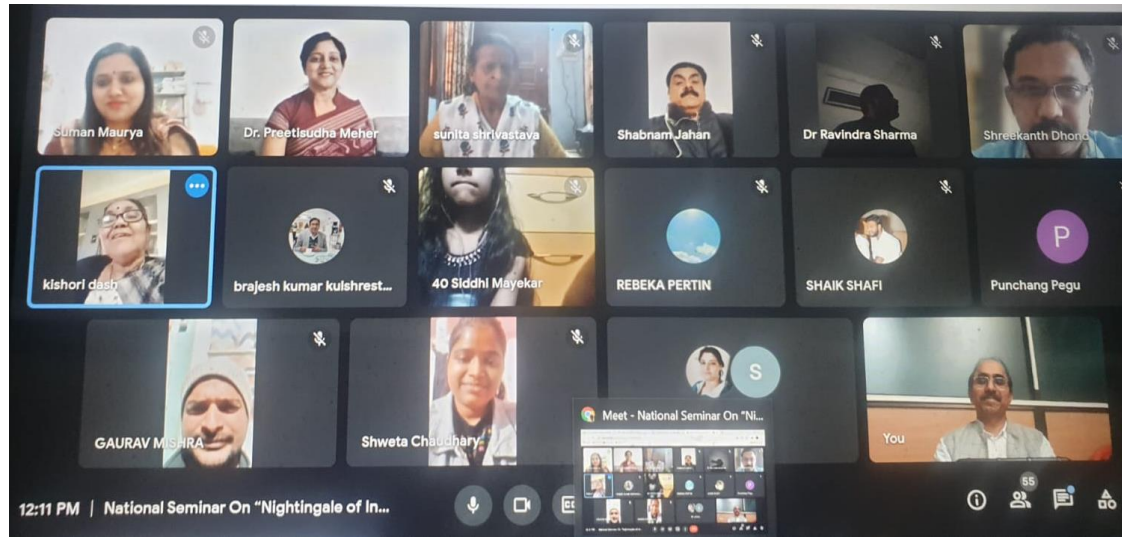


Photo: Celebration of 143rd Birth Anniversary of Sarojini Naidu

- Dr. Ram Prakash Sharma, and Dr. Pallavi Kalita Hui, organized National Seminar on “Role of Women and Girls In Science” in the Azadi Ke Amrit Mahotsav (75th Anniversary of Independence) Celebration of International Day of Women and Girls in Science Under the Umbrella of Gandhi Study Centre, NITAP on 11th February 2022.

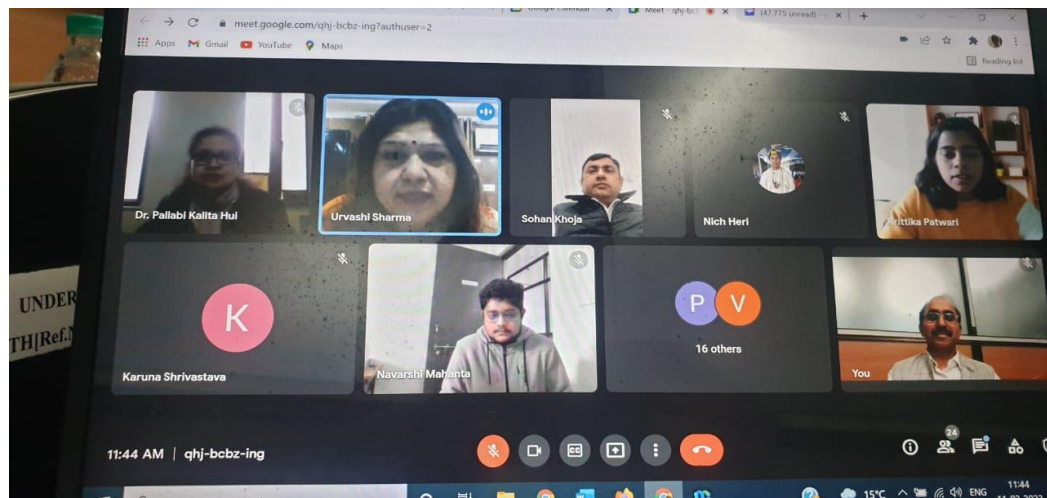


Photo: Celebration of International Day of Women and Girls in Science

- Dr. Ram Prakash Sharma, Department of Mechanical Engineering, National Institute of Technology

Arunachal Pradesh-791113, organized the celebration of Azadi Ke Amrit Mahotsav (75th Anniversary of Independence) E-Dialogue on Gandhi Ji's Hind Swaraj Organized by Gandhi Smriti and Darshan Samiti, New Delhi In association with National Institute of Technology, Arunachal Pradesh 09th February, 2022.

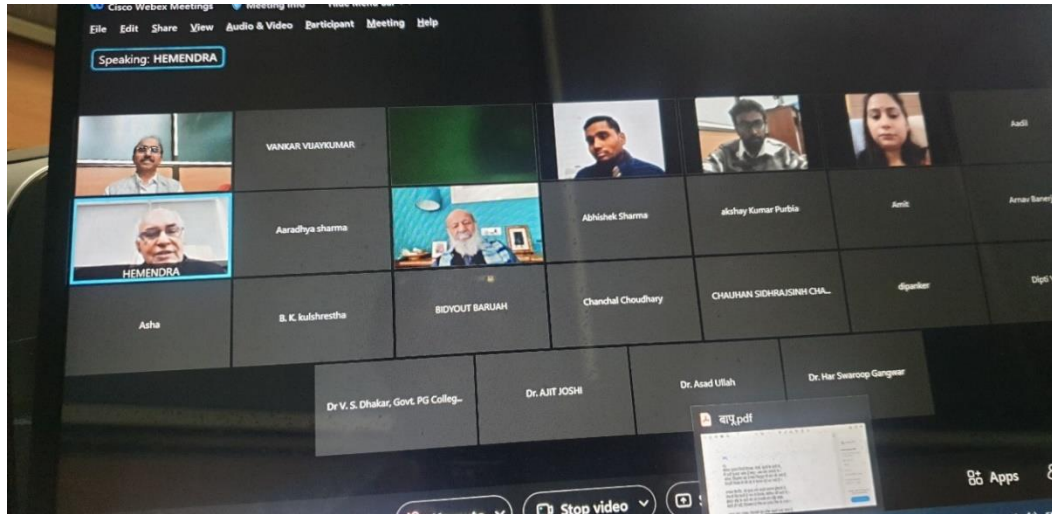


Photo: E-Dialogue on Gandhi Ji's Hind Swaraj

- Dr. Ram Prakash Sharma, and Dr. Preetisudha Mehar, organized the celebration of the Azadi Ke Amrit Mahotsav (75th Anniversary of Independence), 125th Birth Anniversary of Netaji Subhas Chandra Bose National Seminar on Subhas Ke Mahatma, in presence of Prof. Pinakeswar Mahanta, Director, National Institute of Technology, Arunachal Pradesh in Collaboration with Gandhi Smriti and Darshan Samiti and Sangartham Research Foundation on 23rd January 2022.

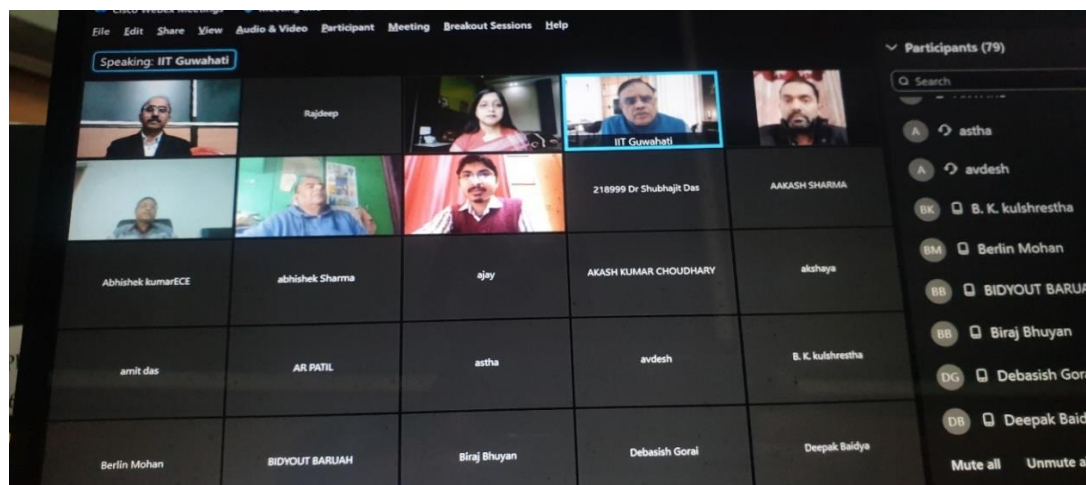


Photo: Celebration of 125th Birth Anniversary of Netaji Subhas Chandra Bose

- Dr. Ram Prakash Sharma, Department of Mechanical Engineering organized the celebration of the Azadi Ke Amrit Mahotsav (75th Anniversary of Independence), 159th birth anniversary of Swami Vivekananda National Seminar on Youth Festival in presence of Prof. Pinakeswar Mahanta, Director, National Institute of Technology, Arunachal Pradesh in Collaboration with Gandhi Smriti and Darshan Samiti and Bharatiya Shikshan Mandal Yuva Ayam Arunachal Prant on 28th January 2022.

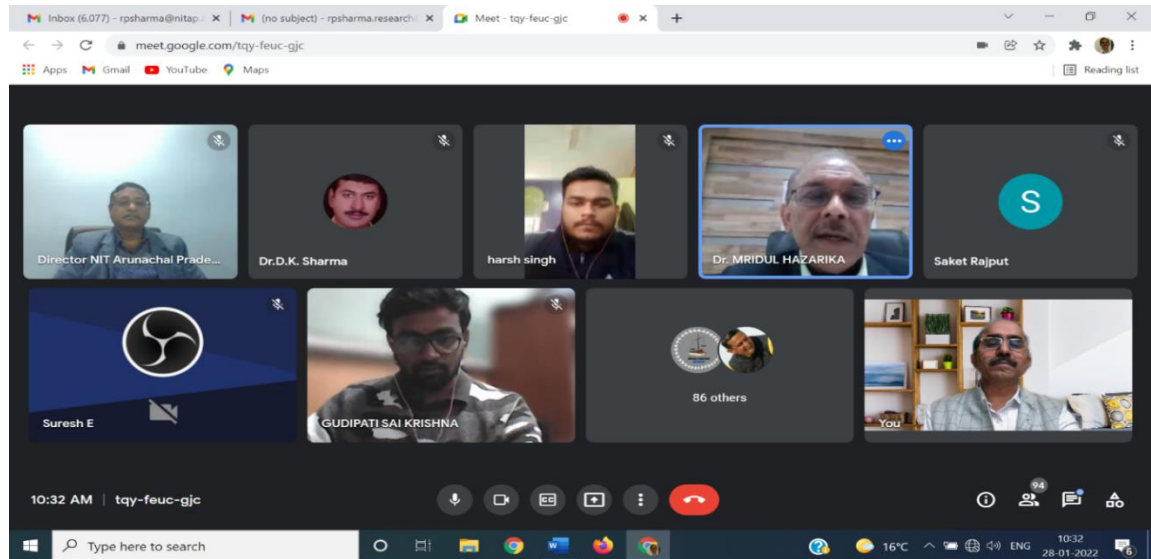


Photo: Celebration of Youth Festival

- Dr. Ram Prakash Sharma, Department of Mechanical Engineering during the celebration of the Azadi Ke Amrit Mahotsav (75th Anniversary of Independence), 74th Mahatma Gandhi Punyatithi National Seminar on Commemorating the 74th Punya Tithi of Mahatma Gandhi Organized by National Institute of Technology, Arunachal Pradesh in Collaboration with Gandhi Smriti and Darshan Samiti and Sangyartham Research Foundation on 30th January 2022.

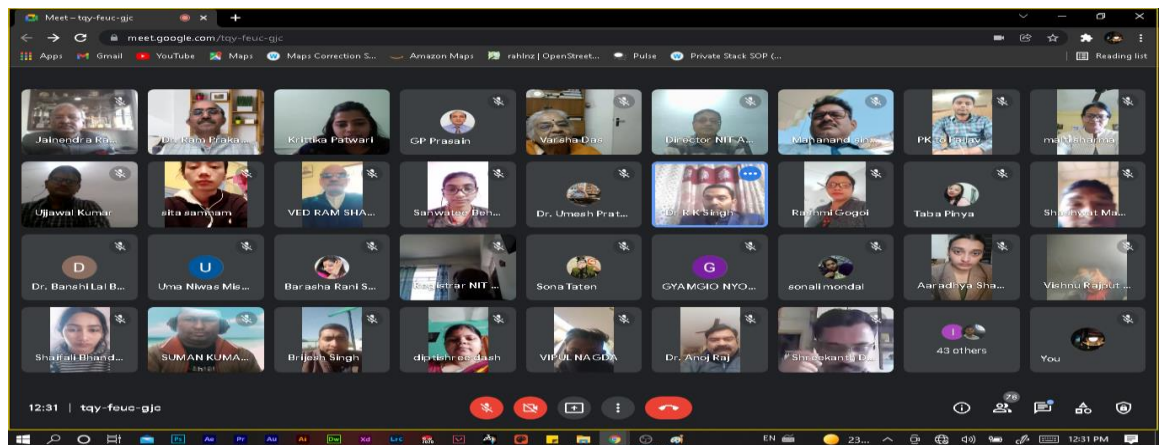


Photo: Celebration of 74th Mahatma Gandhi Punyatithi

Research and Development

External Funded Projects



Dr. Prases Kumar Mohanty, Assistant Professor, Dept. of ME received an external project titled “Analysis and Development of Computational Intelligence Based Navigational Strategies for an Underwater Robotic Vehicle”, Funding Agency: IIT Guwahati Technology Innovation and Development Foundation

Consultancy Works

- Department of Civil Engineering visited Apex Professional University, Pasighat for soil testing.



Photo: Soil testing at Phasighat

Book Chapters

- ✚ Mohanty P.K., Singh A.K., Kumar A., Mahto M.K., Kundu S. (2022) Path Planning Techniques for Mobile Robots: A Review. Lecture Notes in Networks and Systems, Vol 417. Springer, Cham. https://doi.org/10.1007/978-3-030-96302-6_62.
- ✚ Dr. Sangeeta Das, Assistant Professor, Dept. of Mechanical Engineering, GIMT Guwahati and Dr. Shubhajit Das, Assistant Professor, Dept. of Mechanical Engineering, NIT Arunachal Pradesh published a book chapter on ‘Green Machining Techniques: A Review’ in the book titled ‘Green Tribology: Emerging Technologies and Applications’ under *Emerging Materials and Technologies Series*, authored by T.V.V.L.N. Rao, Salmiah Binti Kasolang, Guoxin Xie, Jitendra Kumar Katiyar and Ahmad Majdi Abdul Rani under CRC Press (Taylor & Francis Group), 2022.DOI: 10.1201/9781003139386.

Publications/ Presentations

- ✚ Debjit Dutta et.al, “A BCF–CRITIC–WASPAS method for green supplier selection with cross-entropy and Archimedean aggregation operators”, Journal of Ambient Intelligence and Humanized Computing (SCI journal), Doi No. 10.1007/s12652-022-03745-9, 28th February, 2022.
- ✚ Deepa.S.N. and Yogambal Jayalakshmi.N., “ Intelligent neural classifier model for food quality assurance and modelling uncertainties in IoT environment for sensor failure detection”, Computer Assisted Methods in Engineering and Science – CAMES, Polish Academy of Sciences, Scopus Indexed, Print ISSN: 2299-3649, Accepted on 22nd Jan 2022.
- ✚ Swapnali Doley, A. Vanav Kumar, L. Jino, Numerical study of the space fractional Burger’s equation by using Lax-Friedrichs-implicit scheme, Journal of Computational Analysis and Applications, 30 (2), 343-354 [Scopus, Impact Score 0.46] <http://www.eudoxuspress.com/images/JOCAAA-VOL-30---2022-ISSUE-2.pdf>.
- ✚ A. Vanav Kumar, L. Jino, S. Doley, M. Berlin, Magnetic Field Effect on Lid-Driven Porous Cavity Heated to the Right Wall, Science & Technology Asia, 27-38 [Scopus, Impact Score 0.34] <https://ph02.tci-thaijo.org/index.php/SciTechAsia/article/view/245870/166792>.

- ✚ Swapnali Doley, A. Vanav Kumar, L. Jino, Time fractional transient mhd natural convection of hybrid nanofluid flow over an impulsively started vertical plate, Computational thermal science, Begell House publications.[Accepted (under production), Scopus, Impact Score 1.03]
- ✚ A. Vanav Kumar, L. Jino, G. Saravana Kumar, Fluid friction/heat transfer irreversibility and heat function study on MHD free convection within the MWCNT-water nanofluid filled porous cavity, Heat transfer, Wiley, [Accepted (under production), Scopus, Web of Science, Impact factor 2.421] doi: 10.1002/htj.22498.
- ✚ Mainak Mallik, D S Anjaneya Murthy and Eswarappa Sudeep, Turbo generator Foundation inside TG building-an unconventional approach, published in the Proceedings of the Indian Structural Steel Conference, Organized by Structural Steel Research Group, IIT Hyderabad (Serial number: ISSCP10079/2022), January 06th to 08th 2022.
- ✚ Yadav, Ajay, Amit Prakash, Ajay Kumar, and Sahadev Roy. "Design of remote-controlled land mine detection troops safety robot." Materials Today: Proceedings (2022). <https://doi.org/10.1016/j.matpr.2022.01.128> (Scopus)
- ✚ Mukherjee, Kaushal, Subhadeep Mukhopadhyay, and Sahadev Roy. "Design of a wideband Y-shaped antenna for the application in IoT and 5G communication." International Journal of Communication Systems 35, no. 1 (2022): e5021. (Science Citation Index Expand)
- ✚ Janmoni Borah, Smriti Baruah, Tasher Ali Sheikh, Sahadev Roy, "Miniaturization and Optimization of FR4 Based CPW-fed Antenna for Multiband Applications". Radioelectron.Commun.Syst. 64, 660–668, 2022, <https://doi.org/10.3103/S0735272721120049> (Scopus, Russian Science Citation Index)
- ✚ Ram Prakash Sharma and S. R. Mishra, A numerical simulation for the control of radiative heat energy and thermophoretic effects on MHD micropolar fluid, Journal of Ocean Engineering and Science, 7(1) (2022) 92-98 [Elsevier B.V.Shanghai Jiaotong University, ISSN: 2468-0133, Impact Factor (2021): 3.408, h-Index: 14]. Citations: 0.0, DOI:<https://doi.org/10.1016/j.joes.2021.07.003>.
- ✚ Seema Tinker, SR Mishra, PK Pattnaik, Ram Prakash Sharma, Simulation of time-dependent radiative heat motion over a stretching/shrinking sheet of hybrid Nanofluid: Stability analysis for dual solutions, Proceedings of the Institution of Mechanical Engineers, Part N: Journal of Nanomaterials, Nanoengineering and Nanosystems, [SAGE Publications Ltd, ISSN: 2397-7922, 2397-7914, Impact Factor (2020): 2.26, h-Index: 18]. Citations: 0.0, First Published 5 Jan 2022. DOI: <https://doi.org/10.1177/23977914211069021>.

- ✚ S.R. Mishra, Ram Prakash Sharma, Seema Tinker, and G.K. Panda, Impact of slip and the entropy generation in a Darcy-Forchhimer nanofluid past a curved stretching sheet with heterogeneous and homogenous chemical reaction, *J. Nanofluids*, 11 (2022) 48–57.[American Scientific Publishers, ISSN: 2169-432X, Impact Factor (2021): 1.74, h-Index: 17]. Citations: 0.0.
- ✚ S. R. Mishra, Seema Tinker, Ram Prakash Sharma, Study of a nonuniform heat source over a Riga plate using nth-order chemical reaction on Oldroyd-B nanofluid flow for two-dimensional motion, *Heat Transfer*,51(2) (2022) 1257-1274 [Wiley, ISSN:2688-4542, Impact Factor (2021): 2.421, h-Index: 30]. Citations: 0.0, DOI: <https://doi.org/10.1002/htj.22351>
- ✚ Ram Prakash Sharma,Satyaranjan Mishra, Analytical approach on magnetohydrodynamic Casson fluid flow past a stretching sheet via Adomian decomposition method, *Heat Transfer*,51(2) (2022) 2155-2164 [Wiley, ISSN:2688-4542, Impact Factor (2021): 2.421]. Citations: 0.0, DOI:<https://doi.org/10.1002/htj.22393>
- ✚ Ram Prakash Sharma,Om Prakash, Davood Domiri Ganji, Pentyala Srinivasa Rao, Satyaranjan Mishra, Thermal radiation and magnetic field effects on squeezing motion analysis for Cu–kerosene and Cu–water nanofluids, *Heat Transfer*, (2022) 1-18 [Wiley, ISSN:2688-4542, Impact Factor (2021): 2.421, h-Index: 30]. Citations: 0.0, DOI: <https://doi.org/10.1002/htj.22404>
- ✚ Ram Prakash Sharma, S. R. Mishra, Metal and metallic oxide nanofluid over a shrinking surface with thermal radiation and heat generation/absorption, *Journal of Applied and Computational Mechanics (JACM)*. *J. Appl. Comput. Mech.*, 8(2) (2022) 557-565 [Shahid Chamran University of Ahvaz, Iran, ISSN: 2383-4536, Impact Factor (2021): 5.237, h-Index: 18]. Citations: 0.0, DOI:<https://doi.org/10.22055/JACM.2020.32813.2085>.
- ✚ Ram Prakash Sharmaand Sachin Shaw, MHD non-Newtonian fluids flow past a stretching sheet under the influence of non-linear radiation and viscous dissipation, *Journal of Applied and Computational Mechanics (JACM)*, *J. Appl. Comput. Mech.*, xx(x) (2022) 1-13, [Shahid Chamran University of Ahvaz, Iran, ISSN: 2383-4536, Impact Factor (2021): 5.237, h-Index: 18]. Citations: 0.0, DOI:<https://doi.org/10.22055/JACM.2021.34993.2533>.
- ✚ Alok Singh and Preetisudha Meher, “Performance Analysis of 1-Bit Full Adder CMOS Using Bridge Style Logic”, *IEEE 7th I2CT*, 7th-8th April 2022 (Accepted).

Faculty Empowerment Programmes

- ✚ Dr. Nabakumar Pramanik, Assistant Professor, Dept. of CHE attended “National Seminar on ‘Subhas ke Mahatma’ on 23rd January 2022, NIT, Arunachal Pradesh.
- ✚ Dr. Nabakumar Pramanik, Assistant Professor, Dept. of CHE attended “National Seminar on ‘Youth Festival’ on 28th January 2022, NIT, Arunachal Pradesh.
- ✚ Dr. Nabakumar Pramanik, Assistant Professor, Dept. of CHE attended “Matribhasha Diwas” (Mother Language Day)-Celebrations on 22nd February 2022, NIT, Arunachal Pradesh, organized by Ministry of Education, Department of Higher Education, Government of India.
- ✚ Dr. Abhik Banerjee, Assistant Professor, Department of Electrical Engineering attended Webinar on Budget announcements: 2022-23, “Aatmanirbharta in Defence - Call to Action” in presence of PM and Defense Minister of India on 25th February 2022.
- ✚ Dr. A. Vanav Kumar, Assistant Professor, Department of Basic Applied and Science, attended Machine Learning with Artificial Intelligence & IOT Using A W Sheld (Online) during 27th December 2021 - 21st January 2022 Organized by Finland Labs (A Unit of Revert Technology Pvt. Ltd.) through online mode.
- ✚ Dr. A. Vanav Kumar, Assistant Professor, Department of Basic Applied and Science, attended Eighth International conference on Mathematics and Computing 2022, organized by VIT, Vellore, January 06-08, 2022 through online mode.
- ✚ Dr. A. Vanav Kumar, Assistant Professor, Department of Basic Applied and Science, attended Online Faculty Development Programme on Natural Language Processing 7-Feb-2022 to 18-Feb-2022, conducted by NIT, Patna; IIT, Roorkee; IIT Kanpur; IIITDM Jabalpur; MNIT Jaipur through online mode.
- ✚ Dr. Ram Prakash Sharma, Associate Professor, Department of Mechanical Engineering attended in the ‘International Conference of Academic Institutions’ organized jointly by MoE, Govt. of India, Education Department, Govt. of Gujarat and Ministry of Skill Development and Entrepreneurship, Govt. of India on 5th and 6th January 2022 at Vigyan Bhavan, Science City, Ahmedabad, Gujarat.



Faculty Awards and Achievements

- ✚ Dr. Nabakumar Pramanik, Assistant Professor, Dept. of CHE was a *Reviewer* of Arabian Journal of Chemistry, Elsevier Publications.
- ✚ Dr. Nabakumar Pramanik, Assistant Professor, Dept. of CHE ranked at 10722 out of 29828 scientists in India, 72472 out of 164135 scientists within Asia, and 377186 out of 741882 scientists in the world in the AD Scientific Index (Rankings for Scientist), Rankings for World Scientist and University Rankings 2021.

AD Scientific Index		World Scientist and University Rankings 2021				
Rankings for Scientist		National Institute of Technology Arunachal Pradesh				
University, Subject, Country, Region, World		Nabakumar Pramanik				
		In National Institute of Technology Arunachal Pradesh (9)	In India (29828)	In Asia (164135)	World (741882)	
 		Scores	Rankings			
	Total H	16	#2	#10722	#72472	#377186
	Last 5 year H	11	#2	#14634	#93484	#403725
	Last 5 year H / total H	0.688				
	Total i10	19	#2	#12678	#82835	#411170
	Last 5 years i10	14	#2	#13083	#88636	#397849
	Last 5 years i10 / Total i10	0.737				
	Total Citation	876	#2	#12460	#84098	#449353
	Last 5 years Citation	359	#3	#17883	#120815	#563827
	Last 5 years Citation / Total Citation	0.410				
	Natural Sciences *		#1 (1) *	#2878 (6239) *	#13697 (25800) *	#60933 (103032) *
	Chemical Sciences *		#1 (1) *	#946 (1966) *	#4450 (7918) *	#14184 (23722) *

www.adscientificindex.com
 Date : 25.01.2022 * Source and Methodology: <https://www.adscientificindex.com/scientist.php?id=299798>

Photo: World Scientist and University Rankings 2021

- ✚ Dr. Abhik Banerjee, Assistant Professor, Department of Electrical Engineering was a *Reviewer* of Iranian Journal of Science and Technology, transaction of Civil Engineering.
- ✚ Dr. Sanjeev Kumar Metya, Assistant Professor, Department of Electronics and Communication Engineering was a *Reviewer* of Journal of Applied Optics, Publisher: OPTICA.
- ✚ Dr. Sanjeev Kumar Metya, Assistant Professor, Department of Electronics and Communication Engineering was a *Reviewer* of Journal of Optics Express, Publisher: OPTICA.

Recognition by Stanford University, USA

S.N.Deepa has secured a place in the top 2% of the scientists listed by Stanford University, USA, this year. Stanford University has recently released the index representing the top 2% of the most-cited scientists in various disciplines. The report was prepared by a team of experts led by Prof. John Ioannidis, the Eminent Professor at Stanford University.



The database (<https://doi.org/10.17632/btchxktzyw.3>) is based on the Aug 01, 2021 snapshot from Scopus and citations. This database provides standardized information on citations, h-index, co-authorship-adjusted hm-index, citations to papers in different authorship positions, and a composite indicator. The selection is based on a percentile rank of 2% or above.

Source – <http://elsevier.digitalcommonsdata.com/datasets/btchxktzyw/3>
(Table_1_Authors_singleyr_2020_wopp_extracted_202108.xlsx File).

- ✚ Dr. S. N. Deepa, Associate Professor, Department of Electrical Engineering was a *Reviewer* of The Imaging Science Journal, Taylor and Francis, 28th January 2022.
- ✚ Dr. S. N. Deepa, Associate Professor, Department of Electrical Engineering was a *Reviewer* of Energies, MDPI Publishers, 28th January 2022.
- ✚ Dr. S. N. Deepa, Associate Professor, Department of Electrical Engineering was a *Reviewer* of Energy Conservation and Management, Elsevier Publication, 28th January 2022.
- ✚ Dr. S. N. Deepa, Associate Professor, Department of Electrical Engineering was a *Reviewer* of International Journal of System Science, Taylor and Francis, 28th January 2022.
- ✚ Dr. S. N. Deepa, Associate Professor, Department of Electrical Engineering was a *Reviewer*

of IEEE Journal of Biomedical and Health Informatics, IEEE USA, 24th February 2022.

- ✚ Dr. Brajagopal Datta, Assistant Professor, Department of Electrical Engineering was a *Reviewer* of IET Generation, Transmission and Distribution Journal.
- ✚ Dr. Sahadev Roy Assistant Professor, Department of Electronics and Communication Engineering was a *Reviewer* of Journal of Information Systems and Telecommunication (JIST).
- ✚ Dr. Sahadev Roy Assistant Professor, Department of Electronics and Communication Engineering was a *Reviewer* of Cluster computing.
- ✚ Dr. Sahadev Roy Assistant Professor, Department of Electronics and Communication Engineering was a *Reviewer* of Industrial Robot.
- ✚ Dr. Sahadev Roy Assistant Professor, Department of Electronics and Communication Engineering was a *Reviewer* of National Academy Science Letters.
- ✚ Dr. Ram Prakash Sharma, Associate Professor, Department of Mechanical Engineering, National institute of technology Arunachal Pradesh-791113 become life member of Himachal Ganita Parishad (HGP).

Outreach Activities

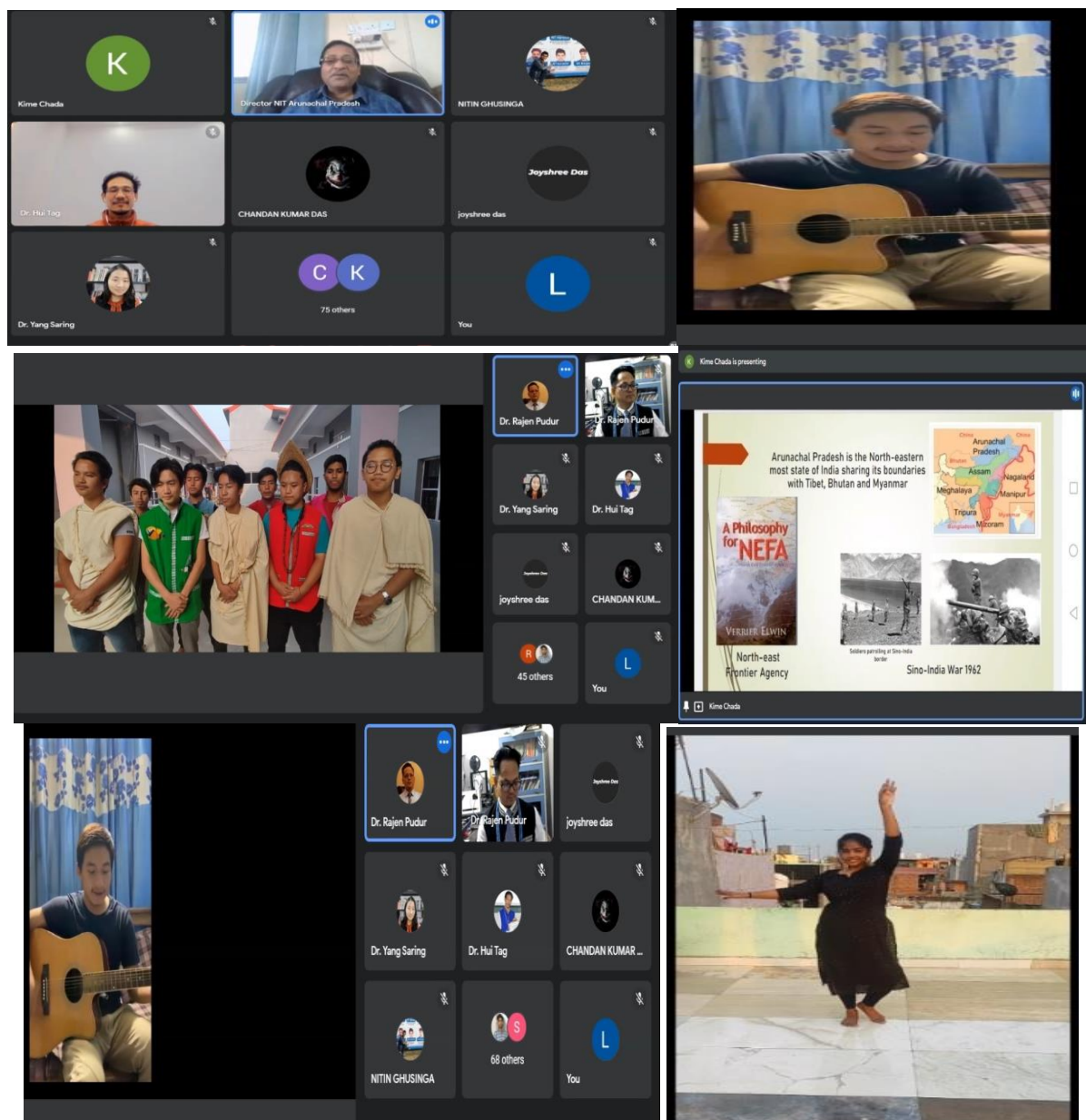
Slogan Writing Competition on the theme “Multilingual Context in India” was organized by Dr. K. Vijayakumar, coordinator, EBSB Cell, NIT Arunachal Pradesh in association with EBSB Club, Ghani Khan Choudhury Institute of Engineering and Technology (GKCIET) Malda and EBSB Club, NIT Meghalaya, 21 February, 2022.

Ek Bharat Shreshtha Bharat (EBSB)



Celebration of Statehood Day

36th Statehood Day of Arunachal Pradesh was celebrated on 20th February, 2022. Prof. Hui Tag, Rajiv Gandhi University, Arunachal Pradesh delivered a keynote address on the topic “Science and Societal Transformation in Arunachal Pradesh” in the presence of Prof. Pinakeswar Mahanta, Director, NITAP. Folk songs and dance and presentation about Arunachal Pradesh were performed by students of NITAP. The event was organized by Dr. Ram Prakash Sharma, Associate Professor, Dr. Rajen Pudur, Assistant Professor and Dr. Yang Saring, Assistant Professor, National Institute of Technology, Arunachal Pradesh.



Celebration of Saraswati Puja



IIC/Startup Cell NIT Arunachal Pradesh

Special lecture

Prof Ashok Kr Sharma,
Former Director, Jaipur
University Center for
Entrepreneurship
Development delivered
lecture on Design
Thinking, 24th February
2022.

Visits

- ✚ Dr. Ram Prakash Sharma, Department of Mechanical Engineering, National Institute of Technology Arunachal Pradesh-791113, visited Sabarmati Ashram Ahmedabad, Gujarat on 5th January 2022. Visit of this place is main concern to establish a Gandhi Peace Foundation and centre in NIT Arunachal Pradesh.



Photo: Visit at Sabarmati Ashram Ahmedabad

- ✚ Dr. Ram Prakash Sharma, Department of Mechanical Engineering, National Institute of Technology Arunachal Pradesh, visited Navajivan Press and Library in Ahmedabad, Gujarat on 6th January 2022 and met with the Trustee Shri Kapil Raval. Visit of this place is main concern to establish a Gandhi Library in NIT Arunachal Pradesh.



Photo: Visit Navajivan Press and Library

NCC Camp CATC 72 Itanagar

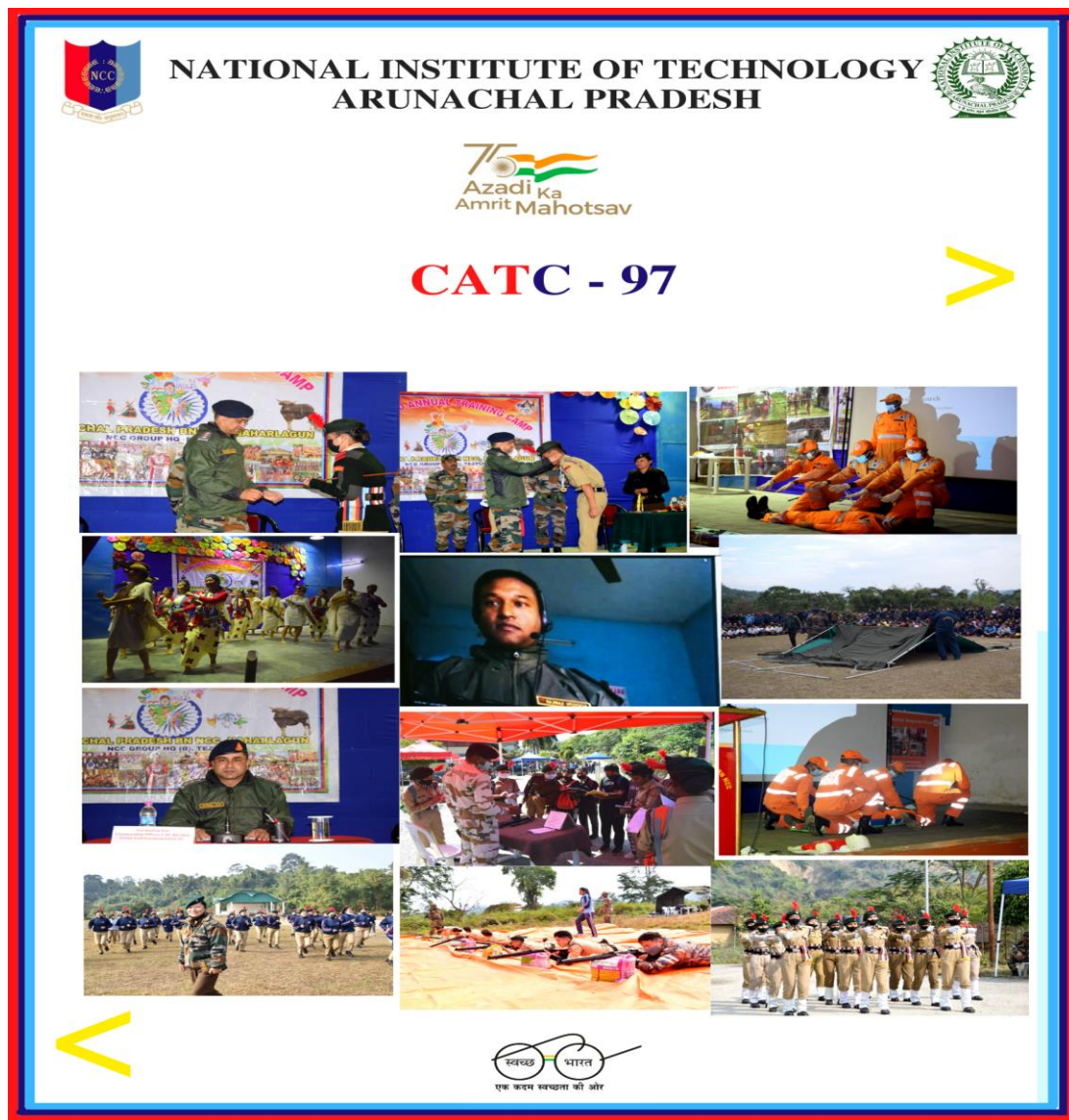
The training- camp held from 1st- 6th February 2022 at Rajiv Gandhi Government Polytechnic, Itanagar. Cadets from NIT Arunachal Pradesh attended NCC camp for the first time but all cadets actively participated in all the events, major competitions and cultural programs. Following are the list: Group song, Group dance, Anchoring, Sports (50 metre race), Drill competition, Firing competition. In 50 metres race– Sangklee Sidisow (2nd year Computer Science Engineering) secured 3rd position and in Anchoring Kime Chada (3rd year Mechanical Engineering) got 1st position. From National Institute of Technology Arunachal Pradesh 16 Cadets (10 boys and 6 girls) participated with Dr. Preetisudha Meher, CTO, Assistant Professor (ECE), NIT Arunachal Pradesh.



Photo: NCC Camp at Itanag

The following NCC cadets of National Institute of Technology Arunachal Pradesh has participated Combined Annual Training Camp (CATC-97) at Itanagar during 07th Feb 2022- 13th Feb 2022.

Sl No	Regt No	Rank	Name	F/ Name
01	AR21SDA100445	CDT	Kuru Tade	Mr. Kuru Tade
02	AR21SDA100449	CDT	Nabam Dodum	Mr. Nabam Apong
03	AR21SDA100428	CDT	Ritesh Kumar	Mr. Amresh Kumar
04	AR21SDA100425	CDT	KhodaRido	Mr. Khoda Rika
05	AR21SDA100406	CDT	TakuRiino	Mr. TakuTadi
06	AR21SDA100456	CDT	Kaling Jorang	Mr. TakongJorang
07	AR21SDA100483	CDT	Lung KunamDoruk	Mr. Abi Doruk
08	AR21SDA100503	CDT	Tapa Yorpen	Mr. TalingYorpen

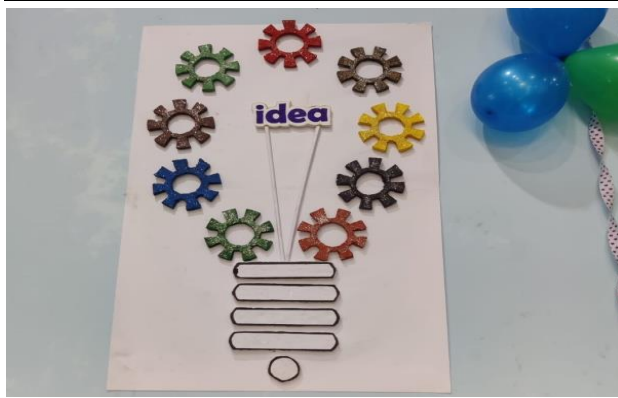


The following NCC cadets of National Institute of Technology Arunachal Pradesh has participated Combined Annual Training Camp (CATC-72) at Itanagar during 31st Jan 2022- 6th Feb 2022.

Sl.No	Regt.no	Rank	Name	Father Name
1	AR19 SDA 100439	Cadet	Kime Chada	Kime Takey
2	AR19 SDA 100445	Cadet	Binit Kumar	Santosh Vishwakarma
3	AR20 SDA 100428	Cadet	Daknya Bam	Todak Bam
4	AR20 SDA 100443	Cadet	GamjumLaye	Lt Tagam Laye
5	AR20 SDA 100434	Cadet	Kundan Meena	Roshan Lalmeena
6	AR20 SDA 100436	Cadet	Ramavath Malleh	Ramavath Gopal
7	AR20 SDA 100456	Cadet	Ritesh Kumar	Vijay Tripathi
8	AR20 SDA 100418	Cadet	Sangkle Sidsow	Miali Sidisow
9	AR20 SDA 100403	Cadet	Bomge Yinyo	Lukbom Yinyo
10	AR20 SDA 100471	Cadet	Sange Tempa Maney	Phurba Tsering Maney
11	AR19 SWA100407	Cadet	Kenbi Riba	Goken Riba
12	AR19 SWA100410	Cadet	Kajal Kumari	Manoj Kumar
13	AR20 SWA 101126	Cadet	Bengia Fara	Bengia Tala
14	AR20SWA101118	Cadet	Debia Amang	Debia Pungam
15	AR20SWA101120	Cadet	Mekruk Wai	Mingmo Waii
16	AR20SWA101117	Cadet	Rebeka Pertin	Kanggong Pertin



Glimpses of National Science Day



Student Activities

PhD Defense

- ✚ Mr. Priyaranjan Biswal a student of Mechanical Engineering has been successfully defended his PhD dissertation under the guidance of Dr. Prases Kumar Mohanty, Assistant Professor, Dept. of ME on 18th Feb 2022. Dissertation Title: Design, Development and Motion Planning Analysis of a Quadruped Robot Using Soft Computing Techniques.

Training and Placement

Campus to Corporate



Anurag Rajput
Dept. of ME
Placed at:- Vedanta



Ujjawal Kumar
Dept. of ME
Placed at:- Vedanta



Pradum Soni
Dept. of ME
Placed at:- Vedanta



Pooja
Dept. of ME
Placed at:- Vedanta



Suhdanshu Kumar
Dept. of ME
Placed at:- Vedanta



Kamen Payum
Dept. of ME
Placed at:- Vedanta



Pinjom Ete
Dept. of ME
Placed at:- Vedanta



Reddi Bhargav
Dept. of ME
Placed at:- CGI



Sumit Kumar
Dept. of ME
Placed at:- Adani



Sunil Yadav
Dept. of CE
Placed at:-L&T



Aditya Pandey
Dept. of CE
Placed at:-L&T



Ranjan Kumar
Dept. of CHE
Placed at:- Vedanta



Manish Kumar Singh
Dept. of CHE
Placed at:- Vedanta



Shubhankit
Dept. of CHE
Placed at:- Vedanta



Rajeev Kumar Thakur
Dept. of CHE
Placed at:- Vedanta



Sagar Kumar
Dept. of CHE
Placed at:- Vedanta



Sachin Kumar Thakur
Dept. of CHE
Placed at:- Vedanta



Nagavath Aravind
Dept. of CSE
Placed at:- Vedanta



Anurag Anand
Dept. of CSE
Placed at:- Vedanta



Chandra Mohan Murmu
Dept. of CSE
Placed at:- Vedanta



Raj Ranjan Gupta
Dept. of EE
Placed at:- Vedanta



Akash
Dept. of EE
Placed at:- Vedanta



Sushant Mishra
Dept. of EE
Placed at:- Vedanta



Sagar Chaudhary
Dept. of EE
Placed at:- Vedanta

Alumni Association

Our Alumni has joined as faculty positions in different institutions

- ✚ Dr. Parashjyoti Borah has joined as Assistant Professor, Department of CSE, IIIT Guwahati, India.
- ✚ Dr. Umesh Gupta has joined as Assistant Professor, Department of CSE, Bennett University, India
- ✚ Mr. Barenya Bikash Hazarika has joined as Assistant Professor, Department of CSE, Koneru Lakshmaiah Education Foundation, Vaddeswaram, Andhra Pradesh, India.
- ✚ Dr. Sayan Sikder has joined as Associate Professor, Department of CSE, University of Engineering and Management, Kolkata, India.

PG (2019-21) Batch joined for higher studies

S. No	Name of the Student	Institute name	Current Designation
1	ARPAN PHUKAN	IIT Patna	PhD Scholar
2	SIMANTA DAS	IIIT Guwahati	PhD scholar
3	ABHIJEET TEWARY	IMT Ghaziabad	FPM Scholar
4	HENAKSHI DAS	IIT Bhubaneswar	Junior Research Fellow
5	AJAY YADAV	National Institute of Technology, Jamshedpur	PhD Scholar
6	BALBEER SINGH	IIT Kharagpur	PhD scholar
7	BHIKTOR MANI SEN	NIT Arunachal Pradesh	PhD Scholar
8	HIRENSH MEHRA	IIT Ropar	PhD Scholar

UG (2017-21) Batch joined for higher studies

S. No.	Name of the Student	Organization	Current Designation
1	SANGE CHOMBEY PHILLEY	NERIST	M.Tech in Civil
2	ANURAG SINGH	IIT Guwahati	M.Tech
3	JOON DARANG	NERIST	M. Tech
4	APING DAI	NERIST	M.Tech in Power System Engineering
5	TUNGON DUGI	RGU Rono Hills Doimukh	M.Tech in CSE
6	ANSHUMAN MISHRA	NIT Warangal	M.Tech in Water Resources Engineering

Student's Voice

CTRL+D & CTRL+E that's how my life is going for the past two years
Hi everyone! I'm Bindhu Lankapalli from the 4th semester, ECE Department.

I always had many fantasies about my college life but ended up spending three semesters having online classes. Day by day I became more curious to visit the campus. Finally when that day arrived my joy knew no bounds.

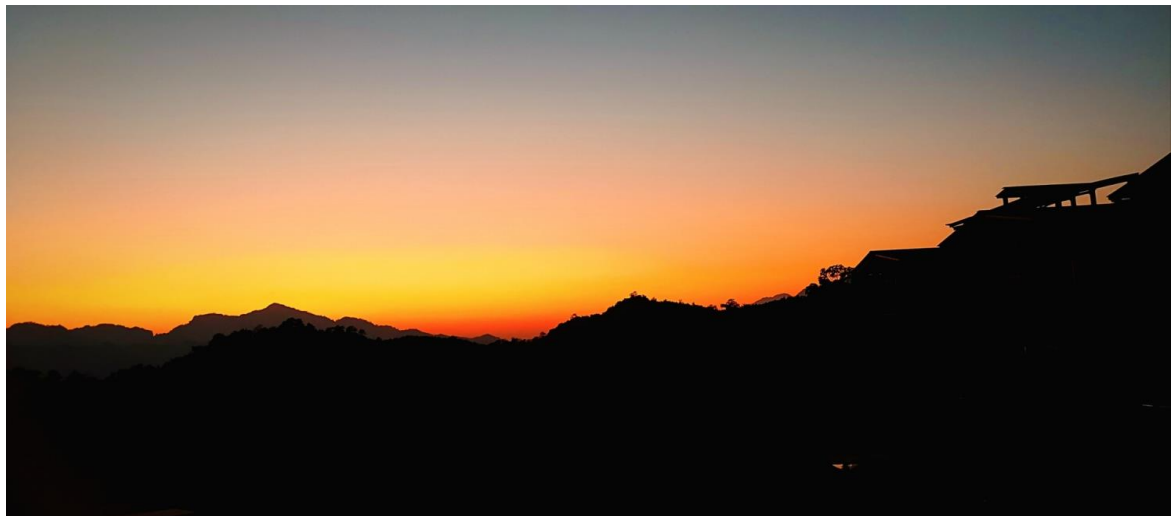


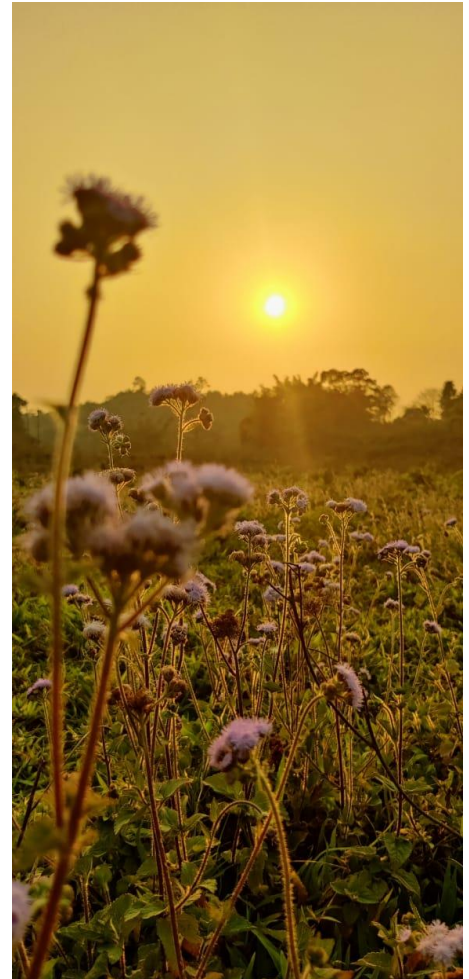
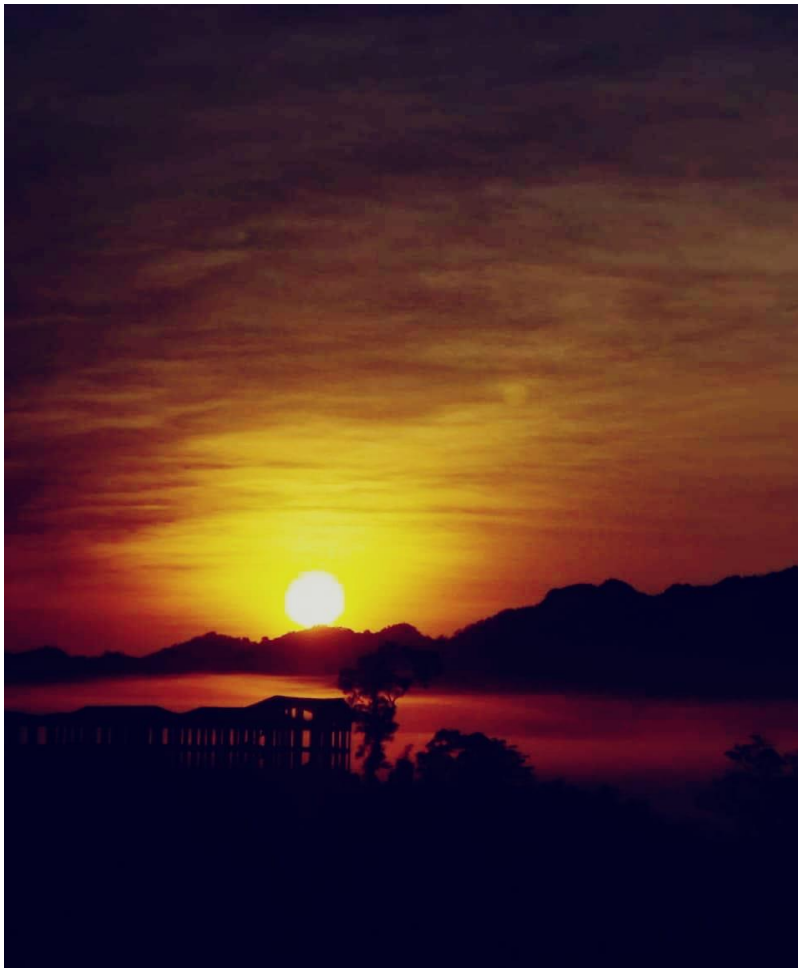
The lush green surroundings and the scenic views filled my eyes with happiness. But that didn't last for long because of the 3rd wave of the pandemic. The fact that my online classes resumed gave me heartbreak. But this time things ended up differently. Listening to online classes sitting in an offline classroom was a whole new fun. Thanks to the faculty for their supportive nature and their enthusiasm to guide us on better paths. Every day is a new journey and every moment is a new experience. My two months of college journey gave me many memories and I hope that this pandemic ends and everything gets back to normal. Eagerly waiting to see how lively the campus would look when everyone arrive. Cheers!!

- Bindhu Lankapalli ,B.Tech, 4th Sem, Dept. of ECE

Nightography of NITAP, Jote







-Ashok. R, Research Scholar, Dept. of ME, NITAP
-Anu singh M.Tech (VLSI), Dept. of ECE, NITAP
- Bindhu Lankapalli, B.Tech, Dept. of ECE, NITAP

*Your comments and suggestions are welcome to
make the next issue of Technodaya more interactive.*



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