



NATIONAL INSTITUTE OF TECHNOLOGY MANIPUR

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The Reportage

NIT Manipur Quaterly Newsletter

JANUARY TO MARCH 2026

Vol. No.: 2026/Q1



Director's Message

It gives me immense pleasure to present this edition of The REPORTAGE, highlighting the vibrant academic, research, innovation, and outreach activities undertaken at the National Institute of Technology Manipur during the first quarter of 2026.

At NIT Manipur, we continue to uphold our commitment towards academic excellence, impactful research, innovation-driven learning, and holistic development of our students. The institute has witnessed remarkable progress through the successful organization of workshops, faculty development programmes, conferences, innovation bootcamps, and student-centric activities across diverse disciplines. These initiatives reflect our continuous efforts to create an ecosystem that nurtures creativity, entrepreneurship, interdisciplinary collaboration, and societal engagement.



I am particularly delighted to note the achievements of our faculty members, researchers, and students in prestigious conferences, funded research projects, publications in reputed journals, and national-level competitions. The growing research output, collaborative projects, and participation in emerging areas such as Artificial Intelligence, IoT, Renewable Energy, Biomedical Engineering, Advanced Materials, and Computational Sciences reaffirm the institute's dedication towards contributing to the technological advancement of the nation.

The institute has also actively strengthened its outreach and societal engagement through skill development programmes, entrepreneurship initiatives, and awareness activities conducted across Manipur under various Government of India schemes. These programmes not only empower youth with employable skills but also contribute significantly towards regional development and self-reliance.

I congratulate all faculty members, staff, students, researchers, and collaborators whose collective dedication and hard work continue to elevate the reputation of NIT Manipur at national and international levels. I also extend my sincere appreciation to the editorial team for compiling and presenting the accomplishments of the institute through this newsletter.

I hope The REPORTAGE continues to serve as a reflection of the institute's progress, aspirations, and collective achievements. Let us continue working together with commitment, innovation, and integrity towards building a brighter future for the institute and society.

With best wishes,

Prof. D. V. L. N. Somayajulu

Director

National Institute of Technology Manipur





The Commemoration of Foundation Day was observed for eight States

Assam (AS), Jharkhand (JH), Manipur (MN), Meghalaya (ML), Nagaland (NL), Tripura (TR), Uttarakhand (UK), and Uttar Pradesh (UP). In connection with the Foundation Day and the 55th Statehood Day of Manipur, a grand celebration was organized under the auspices of the Governor of Manipur. NIT Manipur proudly participated in the event, with the presence of the Registrar and students, reflecting the institute's commitment to Manipur's rich cultural heritage and progressive journey.



Republic Day Celebration 2026

NIT Manipur celebrated the 77th Republic Day of India with great pride and patriotic fervour. The programme began with the unfurling of the National Flag by the Director and the Registrar of the Institute.

Faculty members, non-teaching staff, students, and NCC cadets of NIT Manipur actively participated in the celebration, marking the occasion with unity and enthusiasm.





WORKSHOP / FDP / TRAINING

A 5-Day Workshop on “IoT and Autonomous Systems” was successfully conducted from 14th–18th January 2026 by the Department of CSE, National Institute of Technology Manipur. The workshop was convened by Dr. Yambem Jina Chanu.

Dr. Alok Kumar Baranwal, along with Dr. Yambem Jina Chanu, conducted the Certificate Program 3.0 during the workshop. The programme focused on emerging technologies in IoT and autonomous systems and provided valuable hands-on learning experiences for the participants.



Design Exploration Workshop (DEW) – I, II & III (AY 2025 – 2026) on Capacity Building Program on Design & Entrepreneurship (CBDE) conducted on 31st January, 19th February and 23rd February 2026. Funded by Ministry of Education (MoE) with Indian Institute of Information Technology Design & Manufacturing, (IIITD&M) Kancheepuram as Nodal Centre.

Dr. W. Vandana Devi served as the Co-coordinator of the programme.





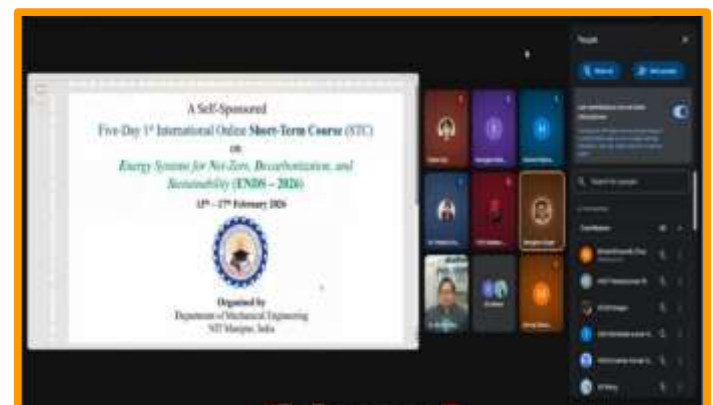
Dr. Alok Kumar Baranwal--- Conducted one Invited Talk on Digital Twin: Fundamentals, Applications, Tools and Research Work under IIC NIT Manipur on 9th Dec 2025.

Workshop on “*VLSI Design Using Open Source Tools*” Sponsored by “Ministry of Electronics and Information Technology (Meity)” organized by National Institute of Technology Manipur in association with NOVEL INTEGRATED ELECTRONICS LABS (NINE LABS), IIT GUWAHATI.



Dr. Manash Kumar Mishra has conducted a Joint Faculty Development Programme titled “*Advanced Smart Grid*” between NIT Manipur and the Electronics and ICT Academy, IIT Guwahati from 19 January to 14 February, 2026.

Dr. Mrinal Bhowmik conducted the 1st International Short-Term Course (STC) on “*Energy Systems for Net-Zero, Decarbonization, and Sustainability (ENDS-2026)*”, from 13–17 February 2026 in ME Dept. at NIT Manipur as a Coordinator.





Three-Day Innovation, Design & Entrepreneurship (IDE) Bootcamp for Principals & Teachers of PM SHRI Schools organized under aegis of AICTE-MoE Innovation Cell by NIT Manipur from 8th-10th January 2026 Conducted by CBDE Cell, NIT Manipur: Dr Ngangbam Romeji (PI/Coordinator), Dr W. Vandana (Co-PI), Dr Ashutosh Singh (Member), Dr Nabajit Sarkar (Member).



An expert talk was successfully conducted in the Department of Mathematics, NIT Manipur, on 20th January 2026 at 1:00 PM in the Conference Hall. The lecture was delivered by Prof. Shanta Laishram, Professor of Mathematics at the Indian Statistical Institute, New Delhi.

The topic of the talk was "On Squares in an Arithmetic Progression." The session witnessed active participation from M.Sc. students, research scholars, and faculty members of the department.





1 Day Seminar on “Information and The Self” organized by Bhaktivedanta Institute Manipur and National Institute of Technology Manipur on 20th March, 2026, Coordinated by Dr Ngangbam Romeji, Dean (S/W), and Dr. Sunil Panday, Assoc. Professor & HoD, Mathematics Dept, NIT Manipur.



Ashtalakshmi Darshan Youth Exchange Programme for FY 2025-2026 for Visiting Students Contingent from Uttar Pradesh (total 20 students + 2 Faculty Supervisors) January 05-18, 2026 (under Phase-II), sponsored by the North Eastern Council (NEC) – Ministry of DoNER, Govt of India, Coordinated by Dr Ngangbam Romeji, DEAN (S/W), NIT Manipur.

Supporting Faculty: Dr. M. Dennis, Dr. M. Dinachandra, Dr. Sukanta Dhar, Dr. Ashwini Manchalwar, Dr. Monarita Keisham.





1 Day YourDOST In-Campus Workshop on the theme “Overcoming Anxiety, Worry & Stress) for students, faculty and staff of NIT Manipur held on 9th February, 2026. Resource/Expert Counsel – Ms Antima Jain, YourDOST Participated by more than 60 students Coordinated by Dr Ngangbam Romeji, Dean (S/W).



ATAL FDP on Stress Management and Productivity Enhancement (9–14 February 2026)

The Department of Humanities and Social Sciences, NIT Manipur, organized an offline ATAL Faculty Development Programme on “Stress Management and Productivity Enhancement” from 9–14 February 2026. The programme focused on improving the mental and emotional well-being of faculty members, thereby supporting their professional growth. A total of 50 participants from NIT Manipur and other institutes attended. The sessions were conducted by eminent Art of Living trainers, Mrs. Deepa Dave and Mr. Bibhu Gautam, who delivered insightful lectures on life skills, work-life balance, stress management, and productivity enhancement. Participants appreciated the relevance of the topics, expertise of the resource persons, and overall organization. The programme concluded with an assessment test and visits to the Children’s Home for Girls and Kaina Temple, Thoubal.

Coordinator: Dr. Sangeeta Laishram, Associate Professor, HSS,

Co-Coordinator: Dr. Moirangthem Nirmalkumar Singh, Assistant Professor, HSS.





TWO-DAY NATIONAL SYMPOSIUM ON “CURRENT PROGRESS IN CHEMICAL SCIENCES” (CPCS-2026)” during 29th – 30th January, 2026.



CONFERENCES

Dr Anil K. Birru (Organizing Chairman) and Dr Sabhindra Kacchap (Coordinator) organized National Conference on MedEngage: Uniting Clinician and Engineers for Biomedical Innovation (MedEngage: UCEBI-2026) in association with Dental College RIMS Imphal, and Department of Mechanical Engg., NIT Nagaland 18th to 19th February 2026, (Hybrid Mode).





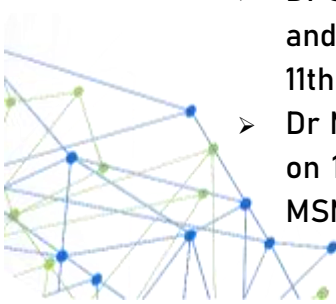
ACHIEVEMENT OF FACULTY MEMBERS AND STAFF

Awards:

- Best Paper Award for the paper titled “A Machine Learning Framework for Polymer Degradation Prediction Toward Environmental Sustainability” at the 2026 IEEE International Conference on Interdisciplinary Approaches in Technology and Management for Social Innovation (IATMSI), awarded to Ngasepam Nganthoiba Meitei and Moirangthem Dennis Singh.
- Prestigious THIEME (Stuttgart, Germany) Chemistry Award for 2026 has been received by Dr. Chandi C. Malakar, Associate Professor, Department of Chemistry.
- Dr. Chandi C. Malakar, Associate Professor, Department of Chemistry, has been recognized as the Council Member of the Chemical Research Society of India (CRSI) for the period of 2026-2029.

LECTURE / KEYNOTE SPEECH DELIVERED

- Khelchandra Thongam, Two-Day Workshop cum Research Colloquium on “Advances in Computer Science and Applications”(Applications of AI in Multidisciplinary Research) at Manipur University, 28th – 29th January 2026.
- Dr. Sorokhaibam Nilakanta Meitei has delivered a talk on topic “Green Building” during Two week's course on Study of National Building Code, Building Bye-Laws, Green Building Concept Norms, E-Governance, Building Electrification, Contract Law, Higher Administration and Legal Matters, Organized by NIT Manipur, from 2nd – 15th March, 2026.
- Prof Rajesh K Bushan: “Bio-compatibility and Mechanical Behaviour” at NIT Agartala.
- Dr Anil K Birru: “Emerging Applications of 3D Printing in Biomedical and its future Potential”, at Department of Mechanical Engineering, Prasad V. Potluri Siddhartha Institute of Technology on 7th of March 2026.
- Dr Ashutosh K Singh: "Advanced Cooling Techniques for High-Temperature Substrates" on 20-02-2026 (10.00 AM to 11.30 AM) , organized by UGC-MALAVIYA MISSION TEACHER TRAINING CENTRE, JNTUH, Kukatpally, Hyderabad, Telangana.
- Dr Mrinal Bhowmik: “Tripura: Where Culture Meets Nature” was delivered during the ASTHALAKSHMI DARSHAN Youth Exchange Program 2025-2026 on 6th January 2026.
- Dr Shahnawaz Ahmed: “Assam: A Comprehensive Journey through History, Culture, and Geography”, ASTHALAKSHMI DARSHAN Youth Exchange Program 2025-2026, 11th January 2026.
- Dr M Dinachandra: two sessions on “FEM through Abaqus” and “Data Visualization” on 17th and 19th February 2026 during a 5-day MDP sponsored by the Ministry of MSME under the ESDP scheme.





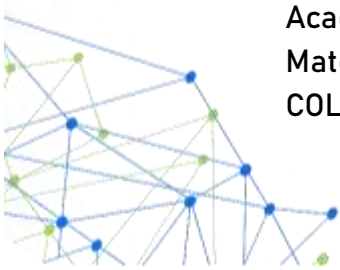
- Prof. (Dr.) Chanam Barchand Singh, Professor, Department of Mathematics, NIT Manipur attended as an invited speaker at a national conference “6th National Conference on Recent Advances in Mathematical Sciences and New Trends in Statistics (NCRAMS-NTS-2026), 16-18 January, 2026” organized by Department of Mathematics, Dhanamanjuri University.
- Dr. S. Surendra Singh, Associate Professor, Department of Mathematics, NIT Manipur delivered a lecture on “International Conference on Advances in Multidisciplinary Sciences and Engineering (ICAMSE 2026), organized by Department of Basic Science, Manipur Technical University, during 21-23 January 2026”.
- Dr. S. Surendra Singh, Associate Professor, Department of Mathematics, NIT Manipur delivered a lecture on “Recent Advances in Mathematical Sciences & New Trends in Statistics (NCRAMS-NTS-2026), scheduled to be held on January 16-18, 2026 at Dhanamanjuri University, Imphal, Manipur.”

CONFERENCES ATTENDED

1. Dr Mrinal Bhowmik: Attended the National Conference on MedEngage: Uniting Clinicians and Engineers for Biomedical Innovation (MedEngage: UCEBI-2026), organized by the National Institute of Technology (NIT) Manipur, India, during 18-19 February 2026.
2. L Herojit Singh (Tribo-electric nano-generator for harvesting energy from low frequency mechanical force); Invited Talk (Current Progress in Chemical Sciences (CPCS-2026)).

FDP/WORKSHOP/STP ATTENDED

- Dr. Alok kumar Baranwal , Asst. Prof. Attended a skill development Program on MATLAB/SIMULINK on software Defined Radio Based Communication System Design on 14th -15th March and 21st -22nd March 2026 at IIT Jodhpur.
- Dr. Moirangthem Nirmalkumar Singh attended:5-day entrepreneurship development programme on “Ai in management research” during 14-18th march 2026 (online) organized by vit-ap university, amravati.
- Prof Rajesh K Bhushan: AI Pragyan FDP Training Program and Internship at DEF Space Winter Internship Conducted by Bharat Education Research Centre from 19 Dec 25 to 19 Jan26.
- Dr Anil K Birru: Attended “Capacity Building for Design and Entrepreneurship (CBDE): Best Practices Consolidation workshop”, from 23 to 24th February 2026
- Dr. Prabhat Kumar attended six (6) days Online AICTE Training and Learning (ATAL) Academy Faculty Development Program on "Modeling and Simulation of Composite Materials: Fabrication, Characterization and Applications" conducted by ELITTE COLLEGE OF ENGINEERING, 09 Feb to 14th Feb 2026.





- Dr. Prabhat Kumar attended six (6) days AICTE Training and Learning (ATAL) Academy Faculty Development Program on "Stress Management and Productivity Enhancement" conducted by Department of Humanities and Social Sciences, NIT Manipur, 09 Feb to 14th Feb 2026.
- Dr Sabhindra Kacchap: Bamboo Structural and Composite Product Development, held at IIT Guwahati during January 19-23, 2026
- Dr M Dinachandra: attended a six-day FDP on "Sustainable Materials and Manufacturing" held from 2nd to 7th February 2026. The programme was conducted by the Department of Mechanical Engineering at Toc H Institute of Science and Technology, Ernakulam, Kerala.
- Dr. Anil Kumar Birru attended Creative be10x Workshop on AI tools on 22nd March 2026.
- Dr. Shagolsem Lenin Singh attended FDP entitled "Quantum Materials" (March 09 – April 02, 2026) jointly organized by EICT, MNIT Jaipur, IIT Kanpur, NIT Patna and IIITDM Jabalpur.
- Dr. K. Somorjit Singh, Assistant Professor, Department of Mathematics, NIT Manipur attended the Design Exploration Workshop (DEW)-III (AY 2025–2026) under the Capacity Building Program on Design & Entrepreneurship (CBDE), organized by the National Institute of Technology Manipur (NIT Manipur) in collaboration with the Indian Institute of Information Technology, Design & Manufacturing (IIITDM), Kancheepuram, on 23/02/2026.





ACHIEVEMENT OF STUDENTS

SL. No.	Name of the Student	B.Tech/M.Tech/Research Scholar with Semester	Award/Conferences Attended	Date
1	Malemnganba Achom	B.Tech (6th Sem)	1st Place Winner at Regen 2.0 Hackathon, NIT Manipur	26-28 Feb 2026
2	Arkib Mayangmayum	B.Tech (6th Sem)	1st Place Winner at Regen 2.0 Hackathon, NIT Manipur	26-28 Feb 2026
3	Yoihenba Laishram	B.Tech (6th Sem)	1st Place Winner at Regen 2.0 Hackathon, NIT Manipur	26-28 Feb 2026
4	Dhanajit Ngangom	B.Tech (6th Sem)	1st Place Winner at Regen 2.0 Hackathon, NIT Manipur	26-28 Feb 2026
5	Rojen Wairokpm	B.Tech (4th sem)	Exhibitor at AI Impact Summit 2026 16-20 Feb 2026	16-20 Feb 2026
6	Rojen Wairokpm	B.Tech (4th sem)	1st Runners up at TechSprint 1.0 AI Hackathon, IT (SEZ), Manipur.	15-16 January 2026
7	Rojen Wairokpm	B.Tech (4th sem)	1st Runners up at Regen 2.0 Hackathon, NIT Manipur	26-28 Feb 2026
8	Breny Moirangthem	B.Tech(6th sem)	2nd Runners up at Regen 2.0 Hackathon, NIT Manipur	26-28 Feb 2026
9	Angom Simran Devi	B.Tech(6th sem)	2nd Runners up at Regen 2.0 Hackathon, NIT Manipur	26-28 Feb 2026
10	Bona Divyasree	B.Tech(6th sem)	2nd Runners up at Regen 2.0 Hackathon, NIT Manipur	26-28 Feb 2026
11	Bathini Poojitha	B.Tech(6th sem)	2nd Runners up at Regen 2.0 Hackathon, NIT Manipur	26-28 Feb 2026
12	Ngasepam Nganthoiba Meitei	M.Tech(4th sem)	Best Paper Award at IATSMI-2026	12-14 March 2026
13	Rati Ranjan Mohanty	B.Tech (4th sem)	1st Runners up at Regen 2.0 Hackathon, NIT Manipur	26-28 Feb 2026
14	Mr. Chingabam Lenin	awarded the "Best NCC Cadet" as per his performance and conduct in Manipur		



Second Prize at TechSprint 1.0- Manipur Hackathon, 48 hour competitive Hackathon Organized by 1.The Department of Information Technology, Government of Manipur 2.Manipur State Information Technology Society, and 3. Manipur Technology Innovation Hub (MTI-HUB) on 15th – 16th January, 2026. Ningthem Longjam Rojen Wairokpam Loukrakpam Suresh Singh (CSE).



GLIMPSES OF REGEN HACKATHON 2.0



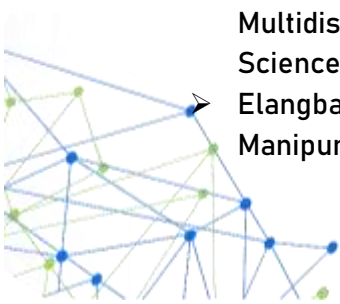


WORKSHOPS ATTENDED

- Meghanil Sinha, Research Scholar, Department of Mathematics, NIT Manipur participated in the workshop, "4th IAGRG School on Gravitation and Cosmology" from 12-23 January 2026 at IUCAA, Pune, Maharashtra, India.
- Shubham Kumar Mittal, Research Scholar, Department of Mathematics, NIT Manipur participated in the workshop "Workshop on Theoretical and Computational Aspects of Partial Differential equations." Organized by the Department of Mathematics, IIT Roorkee, held during 09-13 February, 2026.
- Liizonai Kh, Research Scholar, Department of Mathematics, NIT Manipur participated in the workshop "OneMath World School on Topological Data Analysis Workshop 2026", held at (the FC Kohli Center) Chennai Mathematical Institute, Chennai, Tamil Nadu, India from 20-28 February 2026.

CONFERENCES ATTENDED

- Mayanglambam Singhajit Singh, Research Scholar, Department of Mathematics, NIT Manipur attended a national conference "6th National Conference on Recent Advances in Mathematical Sciences and New Trends in Statistics (NCRAMS-NTS-2026), 16-18 January, 2026" organized by Department of Mathematics, Dhanamanjuri University and presented a paper entitled "An improved Turan-type inequality concerning complex polynomial".
- Thoudam Ranaranjan Meitei, Research Scholar, Department of Mathematics, NIT Manipur attended a national conference "6th National Conference on Recent Advances in Mathematical Sciences and New Trends in Statistics (NCRAMS-NTS-2026), 16-18 January, 2026" organized by Department of Mathematics, Dhanamanjuri University and presented a paper entitled "New Extension on Polynomial Inequalities over Different Circles".
- Raju Laishangbam, Research Scholar, Department of Mathematics, NIT Manipur attended a national conference "6th National Conference on Recent Advances in Mathematical Sciences and New Trends in Statistics (NCRAMS-NTS-2026), 16-18 January, 2026" organized by Department of Mathematics, Dhanamanjuri University and presented a paper entitled "Optimal Bounds for Rational functions with fixed poles and constrained Zeros".
- Moirangthem Pradeep Singh, Research Scholar, Department of Mathematics, NIT Manipur participated and presented a paper in "International Conference of Advances in Multidisciplinary Sciences and Engineering (ICAMSE 2026)." organized by Department of Basic Sciences, Manipur Technical University, Imphal, India, during 21-23 January.
- Bharat Singh, Research Scholar, Department of Mathematics, NIT Manipur participated and presented a paper in "International Conference on Advances in Multidisciplinary Sciences and Engineering (ICAMSE 2026), organized by the Department of Basic Sciences, Manipur Technical University, Imphal, India, during 21-23 January 2026."
- Elangbam Chingkheinganba Meitei, Research Scholar, Department of Mathematics, NIT Manipur participated and presented a paper in "International Conference on Advances in Multidisciplinary Sciences and Engineering (ICAMSE 2026), organized by Department of Basic Science, Manipur Technical University, during 21-23 January 2026".
- Elangbam Chingkheinganba Meitei, Research Scholar, Department of Mathematics, NIT Manipur participated and presented a paper in "Recent Advances in Mathematical Sciences &





New Trends in Statistics (NCRAMS-NTS-2026), scheduled to be held on January 16–18, 2026 at Dhanamanjuri University, Imphal, Manipur.”

- Amit Samaddar, Research Scholar, Department of Mathematics, NIT Manipur participated in “Current Progress in Chemical Sciences (CPCS-2026) jointly organized by the Department of Chemistry, National Institute of Technology Manipur & Manipur University in collaboration with Chemical Research Society of India (CRSI) during 29–30 January, 2026.”
- Ashim Kumar Sarmah, Research Scholar, Department of Mathematics, NIT Manipur presented the paper “ Involutions on Wall Manifolds” at the 6th National Conference on Recent Advances in Mathematical Sciences and New Trends in Statistics(NCRAMS-NTS-2026) 16–18 January, 2026, organized by Department of Mathematic, Dhanamanjuri University.

FDP ATTENDED

Attended the ATAL FDP on “Stress Management and Productivity Enhancement” organized by NIT Manipur from 9–14 February 2026.

- Kangjam Dhanashri Devi (22406003),
- Langpoklakpam Sophia Devi (22406002)
- Veronica Yumnam (19406001)
- Naorem Cha Yaollen (22406001)
- Sarangthem Muskan Singh (25406002)





LIST OF FUNDED PROJECT

Sl. No	Title	Funding Agency	PI & Co PI	Amount
1	Scalable Deployment and Clinical Validation of an AI-Enabled Telemedicine and IoT-Based Health Monitoring System for Rural Healthcare	IIIT Hyd IHub	Khelchandra Thongam (Co-PI)	
2	Community-Based Springshed Management for Ensuring Water Security and Livelihoods in Manipur Indian Himalayan Region	Watershed Management Division, Department of Land Resources (DoLR), Ministry of Rural Development, Government of India	PI: Dr Ngangbam Romeji	Rs. 49,90,000* [* <i>under process for sanction</i>]
3	Design and development of Reconfigurable FET Biosensor Based on Interface Charge Modulation Effect for Label-free Detection of Breast Cancer Biomarker	Seed Grant, NIT Manipur	Dr. W. Vandana Devi (PI)	Rs. 5,00,000/-
4	Design and Development of a Reconfigurable Testbed using SDR for Next Generation Multiple access based Wireless Networks	Seed Grant, NIT Manipur	Dr. Alok kumar Baranwal (PI)	Rs. 5,00,000/-
5	Simulation-Guided Fabrication and Characterization of Perovskite Solar Cells.	Seed Grant, NIT Manipur	Dr. Sukanta Dhar (PI)	Rs. 5,00,000/-
6	Scalable development and clinical validation of an AI-enabled telemedicine and IoT Based Health monitoring system for rural Health care.	IIIT Hyderabad Data I-Hub Foundation	Dr. Anil Kumar Birru (PI), Dr. Khelchandra Thongam (Co-PI) & Dr. Benjamin A. Shimray (Co-PI)	Rs. 900000/-
7	Finite Group Actions on Products of Spaces of Cohomology Type $(0, \beta)$	National Institute of Technology Manipur	Dr. Konthoujam Somorjit Singh	Rs. 4,23,000/-



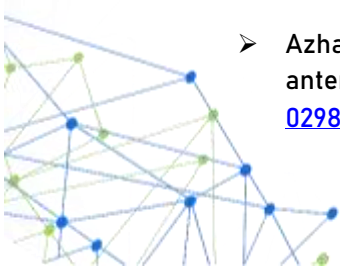


MAJOR EQUIPMENTS PURCHASED

Sl. No	Name	Manufacturer	Amount
1	HORN ANTENNA 1-8GHZ	MICROLINE INDIA	Rs. 1,53,400/-
2	1SMA (FEMALE) PCB MOUNT CONNECTOR 18GHZ	AXIOM	Rs. 59,472/-
	2.92 (FEMALE) PCB MOUNT CONNECTOR		
	SMA (MALE) TERMINATION		
3	HIGH QUALITY PROGRAM SPIN COATER	Delta Scientific Equipment Pvt. Ltd.	Rs. 1,66,599/-
4	MAGNETIC STIRRER CUM HOT PLATE		
5	ULTRASONIC CLEANER		
6	COMSOL Multiphysics	COMSOL	Rs. 4,87,930/-
7	MATLAB 2025	MathWorks	Rs.2454400/-

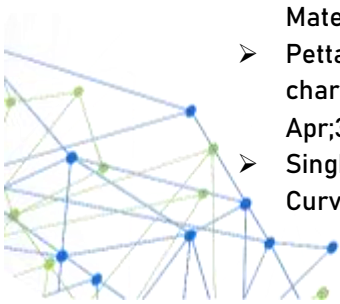
RESEARCH PUBLICATIONS

- Aditi Vidyarthi, Khoirom Motilal Singh, Moirangthem Dennis Singh, "SageRAG: Query rewriting for retrieval enhancement and retrieval-augmented generation for grounded responses in AI research assistance", Expert Systems with Applications, Volume 308, 131160
- Ngasepam Nganthoiba Meitei and Moirangthem Dennis Singh, "A Machine Learning Framework for Polymer Degradation Prediction Toward Environmental Sustainability", 2026 IEEE International Conference on Interdisciplinary Approaches in Technology and Management for Social Innovation (IATMSI)
- Sisira Hawaibam, Aheibam Dinamani Singh, "Delay constrained rate analysis of communication systems over Beaulieu–Xie shadowed fading channels." *International Journal of Electronics* by Taylor and Francis, pp.1–13. March 2026. <https://doi.org/10.1080/00207217.2026.2637982>
- 2.Bimoljit Chanam, Aheibam Dinamani Singh, and Biraj Shougaijam, "Comparative Performance Analysis of WO3 Nanowire-Based UV Photodetectors with Varying Device Architectures" *IEEE SENSORS JOURNAL, VOL. XX, NO. XX, FEBRUARY, 2026*, DOI: 10.1109/JSEN.2026.3659224.
- Bhatt, Vivek, and Ashish Ranjan. "Generation of Chaotic Phase Shift Keying Employing VDCC-Based Chua's Oscillator." *Journal of Circuits, Systems and Computers* 35, no. 01 (2026): 2550389.
- Athokpam Bidhanshel Singh, Vivek Bhatt, Ashish Ranjan, Mamata Maisnam, Sumita Banerjee, and Saikat Mukherjee. "Active Circuit Modeling of Experimental OSCC Bio-Impedance Data Employing Four Terminal Floating Nullor." *IETE Journal of Research* (2026): 1-10.
- V Milner Paul, Adarsh V Parekkattil, Devika S Kumar, Jijo Francis, Lal DV Nair, T Jarin, Loitongbam Surajkumar Singh, Shuma Adhikari "OGTCN-E-MGO: an optimized deep learning framework for EEG-based schizophrenia detection" *hys Eng Sci Med* (2026). <https://doi.org/10.1007/s13246-025-01695-y>
- Azharuddin, M., Mondal, K. FSS-based gain and isolation optimization in a two-element MIMO antenna for ultra-wideband operations. *Sādhana* 51, 23 (2026). <https://doi.org/10.1007/s12046-025-02989-3>



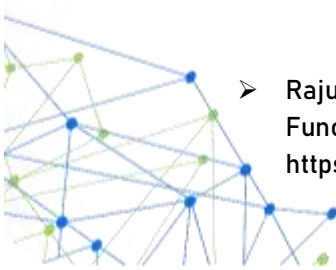


- Bag B.; Mondal K.; Saha S.; Bala S.; Sarkar P. "Gain Enhancement Mechanisms in Circularly Polarized FSS-Embedded Meander Monopole Antenna" *International Journal of Communication Systems*, Volume 39, Year 2026 DOI:10.1002/dac.70375
- Mohd. Azharuddin, S. C. Singh, Kalyan Mondal. "Dual-Band Orthogonal MIMO Antenna with Enhanced Isolation and Wide Notch-Band Rejection for n79/C/X-Band Applications" *Wireless Personal Communications*, <https://doi.org/10.1007/s11277-026-12021-4>
- Manoj Kumar, "IoT Based Speaker Automation System Using FPGA", *Istoria Journal*, Volume 9 Issue 3 March 2026, pp.1-4.
- Manoj Kumar, "FPGA implementation of a coprocessor architecture for random data generation and encryption", Vol. 15, No. 1, March 2026, pp. 21-30.
- Dayananda Khwairakpam, Vandana Wangkheirakpam, "Beyond Learning: STDP as a Computational Primitive for Boolean Logic in Memristive Devices", accepted for presentation in 2026 IEEE North-East India International Energy Conversion Conference and Exhibition, National Institute of Technology Meghalaya, Saitsohpen, Sohra (Cherrapunjee), Meghalaya.
- Dayananda Khwairakpam, Vandana Wangkheirakpam, "Beyond Learning: STDP as a Computational Primitive for Boolean Logic in Memristive Devices", accepted for presentation in 2026 IEEE North-East India International Energy Conversion Conference and Exhibition, National Institute of Technology Meghalaya, Saitsohpen, Sohra (Cherrapunjee), Meghalaya.
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NEW PROMOTIONS / APPOINTMENTS

Prof. Prahlada Rao BB, ANRF Prime Minister Professor, Joined National Institute of Technology-Manipur on 12-02-2026.

MOU SIGNED

- MOU signed between LANQUILL, an AI based language lab and National Institute of Technology Manipur on 26/12/2025.
- Ministry of Minority Affairs signed MOU(s) under the PMVIKAS (Pradhan Mantri Virasat Ka Samvardhan) Scheme with the Indian Institute of Technology, Dharwad, National Institute of Technology, Manipur, CSIR - Central Mechanical Engineering Research Institute, Durgapur and Arunachal Pradesh Forest Corporation Ltd.





ANY OTHER INFORMATION:

- Freshers' Meet 2026 held on 13th February, 2026, at City Convention Centre
- Dr Prabhat Kumar: Reviewer of four journals: Mechanics of Advanced Materials and Structures (Taylor & Francis), Journal of Aerospace Engineering (Publisher- ASCE Library), International Journal of Applied Electromagnetics and Mechanics (Publisher-SAGE), IEEE Access (Publisher- IEEE).
- Dr M Dinachandra: served as Project Coordinator at NIT Manipur for organizing 10 Entrepreneurship Awareness Programmes (EAPs) and 20 Entrepreneurship and Skill Development Programmes (ESDPs), sponsored by the Ministry of MSME, Government of India, during January–March 2026. These programmes focused on skill development, entrepreneurship promotion, and capacity building to support employment generation and local economic growth in Manipur. Conducted across multiple training centers in various districts, they trained 413 participants under EAPs and 710 under ESDPs, contributing to improved livelihoods and self-reliance.



Glimpses of the 10 (Ten) Entrepreneurship Awareness Programs (EAP) conducted by NIT Manipur during February 2026

Chakpa Phayeng Vocational Training Center, Phayeng





Skill Development Training Center, Ukhrul



Skill Development Training Center, Senapati

Awareness Programme on Snake Conservation

An awareness programme on “Snake Conservation and Snake Bite Mitigation” was organized at the Seminar Hall of National Institute of Technology Manipur on 2 March 2026. The programme was conducted in collaboration with Wildlife Explorers Manipur, Madras Crocodile Bank Trust, Bharat Vikas Parishad, Green Brigade, Help Earth, and USV Pvt. Ltd..





Artificial Intelligence, Student Interaction & Nation Building

The Electronics Society, NIT Manipur in collaboration with Think India successfully organized an engaging session on Artificial Intelligence & Student Interaction. Prof. D. V. L. N. Somayajulu (Director, NIT Manipur) shared valuable insights on the future of AI and guided students on becoming responsible professionals in an AI-driven world.



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