

MTI-HUB NEWSLETTER

JANUARY, 2025



MANIPUR TECHNOLOGY INNOVATION HUB

NATIONAL STARTUP DAY CELEBRATION AT MTI-HUB 16TH JANUARY, 2025

The National Startup Day 2025 was celebrated at **Manipur Technology Innovation Hub (MTI-HUB)** on **16th January 2025**, bringing together aspiring entrepreneurs, startup founders, industry experts, and key stakeholders of the startup ecosystem. The event aimed to foster innovation, encourage networking, and highlight the impact of startups in shaping the economic landscape of Manipur and beyond.



OBJECTIVES OF THE EVENT:

The National Startup Day celebration was organized by MTI HUB with the following key objectives:

- To provide a platform for startups to discuss their challenges and share their entrepreneurial journeys.
- To facilitate networking and collaboration among startups, investors, and industry experts.
- To gather constructive feedback from startups regarding their needs and expectations from the ecosystem.
- To identify areas where MTI HUB can offer targeted support to enhance startup growth.
- To celebrate the resilience and achievements of startups in Manipur

KEY HIGHLIGHTS OF THE EVENT:

PANEL DISCUSSION ON THE WAY FORWARD FOR THE STARTUP ECOSYSTEM IN MANIPUR:

- The main event was a panel discussion that focused on the way forward for the startup ecosystem in Manipur. The panel featured successful startup founders who provided valuable insights on overcoming challenges, accessing funding, scaling operations, and leveraging technology for business growth. The discussion also explored policy interventions and collaborative efforts needed to strengthen the entrepreneurial landscape in the region.

Key Challenges and Suggestions from Startups includes :

- Capacity Building and Skill Development.
- Marketing and Awareness
- Government Support and Policy Intervention
- Infrastructure and Resource Challenges
- Sector-Specific Challenges

In addition to the above, key themes discussed included **Government Support Programs, Investment Opportunities, Skill Development Initiatives, and the Role of Digital Transformation in the Startup Ecosystem.** Panelists emphasized the importance of collaboration between academia, industry, and government to drive innovation and sustain long-term growth.





NETWORKING & MENTORSHIP INTERACTIONS:

The event provided a platform for networking among entrepreneurs and policymakers, fostering meaningful discussions on business growth strategies and policy support for startups. Dedicated mentorship sessions were also held, where aspiring founders received personalized guidance from industry experts and experienced entrepreneurs.

LAUNCH OF MTI-HUB ANNUAL CALENDAR 2025:

A key highlight of the event was the official launch of the MTI-HUB Annual Calendar 2025. The launch was marked by a brief presentation, emphasizing MTI-HUB's commitment to fostering innovation and supporting the growth of startups in Manipur.



With the participation of around **20 startups** National Startup Day Celebration at MTI-HUB reinforced the commitment to nurturing a thriving startup ecosystem in Manipur. The event successfully brought together key stakeholders to collaborate, innovate, and drive entrepreneurial success in the region.

GST SIMPLIFIED : A HANDS-ON MASTERCLASS FOR BEGINNERS 29TH JANUARY, 2025

As part of **MTI-HUB's financial literacy initiative**, the "**GST Simplified**" masterclass was designed to provide startups and aspiring entrepreneurs with a fundamental understanding of GST registration and compliance. With the growing need for businesses to comply with tax regulations, this session aimed to educate and empower new business owners, freelancers, and other professionals with the necessary knowledge to navigate the GST system effectively.

OBJECTIVES OF THE EVENT:

The primary objectives of organizing this masterclass were:

- To provide startups and aspiring entrepreneurs with a fundamental understanding of GST registration and compliance.
- To enable participants to independently navigate the GST portal and complete their registration.
- To create awareness regarding the importance of GST compliance and its impact on business operations.
- To equip participants with the necessary skills to file GST Nil returns accurately and on time.
- To foster financial literacy and encourage best practices in tax compliance among startups and small businesses.
- To offer hands-on experience through practical demonstrations and interactive discussions, helping attendees clear their doubts in real-time.

The expert speaker for the session was **Hidam Devananda Singh, Founder of Sintha Pamel**, who brought valuable insights into the complexities of GST and its practical implications for businesses. His expertise in taxation and regulatory compliance helped participants gain clarity on GST registration, filing procedures, and common challenges faced by startups.



SESSION BREAKDOWN:

PART 1: BASICS OF GST REGISTRATION

This segment focused on laying a strong foundation for participants new to GST.

The key topics covered included:

- **Understanding GST Basics and its Different Types.**
- **GST Applicability.**
- **Required Documentation for GST Registration.**
- **Navigation and Features of the GST Portal.**
- **Step-by-Step Practical Demonstration of the Registration Process**

PART 2: GST NIL FILING

The second half of the masterclass emphasized GST Nil filing, covering the following areas:

- **Understanding Nil Returns and Their Significance**
- **Filing Process and Associated Timelines**
- **Compliance Awareness, Including Penalties for Late Filing**
- **Navigating and Utilizing the GST Portal Efficiently**
- **Hands-on Demonstration of Nil Filing**
- **Exercises and Troubleshooting Common Issues**



PARTICIPANT ENGAGEMENT

The masterclass was highly interactive, allowing participants to ask questions and clear their doubts in real time. Many attendees were early stage startups, while several individuals who had not yet registered for GST also took part to gain essential knowledge. The resource person ensured that each concept was explained in a simplified manner, making it accessible for beginners. Participants actively engaged in discussions, shared their concerns, and sought clarification on specific challenges they faced in their businesses.



At the end of the program, the MTI HUB team presented a small token of appreciation to the resource person, Hidam Devananda Singh, in recognition of his valuable insights and efforts in conducting the session. His expertise and engaging teaching approach were highly appreciated by all attendees, making the program a resounding success.

The **"GST SIMPLIFIED"** masterclass successfully equipped **30+** participants with a fundamental understanding of GST registration and compliance. By incorporating practical demonstrations and interactive discussions, the session helped bridge the knowledge gap for startups and individuals looking to register under GST.



MTI HUB'S VISIT TO THE BIOTECHNOLOGY AND INNOVATION FESTIVAL 29 & 30 JANUARY, 2025

The **1st Biotechnology and Innovation Festival, held on 29th and 30th January 2025**, was a landmark event organized by the Unnat Bharat Abhiyan Cell, TSPMWC, in association with the Department of Biotechnology, TSPMWC. The festival aimed to promote innovation in biotechnology and provide a platform for startups, researchers, and students to showcase their ideas and products. The event was hosted at the T.S. Paul Manipur Women's College (TSPMWC) Campus, Mongshangei, Imphal West.

The Manipur Technology Innovation Hub team visited the festival to interact with participating startups, understand their innovations, and explore opportunities for collaboration and mentorship. MTI HUB's Objectives for the Visit was :

- To identify promising startups.
- To understand the challenges faced by emerging entrepreneurs.
- To explore opportunities for mentorship and collaboration.
- To assess the potential for MTI HUB's incubation and handholding support.

MTI-HUB's team conducted **one-on-one mentoring sessions, offering guidance on business model development, funding strategies, regulatory compliance, and product commercialization.** The entrepreneurs received tailored advice on **market validation, intellectual property protection, and industry networking**, helping them refine their ideas into scalable ventures.

The festival featured **21 Product exhibitions along with quiz competition, interactive sessions, and panel discussions** where young innovators showcased their research and product prototypes. Several innovative projects aligned with MTI-HUB's focus areas, including sustainable agriculture, bio-based startups, and renewable resource utilization.



INTEREST IN MTI HUB'S SUPPORT:

The startups showed a strong interest in receiving handholding and mentoring support from MTI HUB. Specific areas of interest included:

- **Business model development and validation.**
- **Access to funding and investor networks.**
- **Technical mentorship and R&D support.**
- **Workshops on marketing, branding, and intellectual property rights**

The visit concluded with networking opportunities and discussions on potential collaborations between **MTI-HUB and TSPMWC** for future **biotech-focused incubation programs, research support, and entrepreneurship development initiatives**. MTI-HUB also identified promising biotech startups for potential incubation and grant opportunities, ensuring continued support beyond the festival.



The 1st Biotechnology and Innovation Festival was a successful initiative that provided a platform for startups and students to showcase their innovations and connect with potential mentors and supporters. The event highlighted the growing interest in biotechnology, food innovation, and creative industries, as well as the need for structured support systems to nurture emerging entrepreneurs.

The MTI HUB team's visit was highly productive, as it identified several promising startups and student-led initiatives that could benefit from its incubation programs. The interactions revealed a clear demand for mentorship, funding, and technical support, which MTI HUB is well positioned to provide

MANAGEMENT DEVELOPMENT PROGRAM ON BIORESOURCE MANAGEMENT FOR PROSPECTS INTO PROSPERITY 6TH-10TH JANUARY, 2025

Manipur Technology Innovation Hub (MTI-HUB) actively participated in the **Management Development Program on Bioresource Management for 'Prospect into Prosperity'**, held from January 6 to 10, 2025. The event, organized by MSME Technology Centre, Imphal, brought together industry experts, researchers, and entrepreneurs to explore innovative strategies for sustainable bioresource utilization.

MTI-HUB played a key role as a speaker, sharing insights on the potential of bioresource management in fostering entrepreneurship and innovation. The session, delivered by **Dr. Rajiv Kangabam, Lead, MTI-HUB**, was titled **'Bioresource to Business: Pioneering Sustainable Ventures for Economic Growth'** and highlighted the importance of bioresource-based startups, sustainable product development, and the role of incubation support in scaling bio-enterprises.

Dr. Kangabam emphasized the transition of bioresources from raw materials to high-value commercial products, showcasing case studies of successful bio-based startups. He discussed key aspects such as market demand for eco-friendly products, innovative processing technologies, and the integration of bioresources into circular economy models. The session also covered strategies for leveraging government schemes, accessing incubation support, and building sustainable business models that align with environmental and economic objectives.

The program focused on the economic potential of bioresources, covering areas such as value-added agro-based industries, bio-waste management, and green entrepreneurship. Participants engaged in discussions on funding opportunities, technological interventions, and policy support mechanisms crucial for the development of a bioresource-based economy in the region.



MANAGEMENT DEVELOPMENT PROGRAM ON BIORESOURCE MANAGEMENT FOR PROSPECTS INTO PROSPERITY

13-17TH JANUARY, 2025

Manipur Technology Innovation Hub (MTI-HUB) actively participated in the **Management Development Program on Bioresource Management for 'Prospect into Prosperity'**, held from January 13 to 17, 2025. The event, organized by MSME Technology Centre, Imphal, brought together industry experts, researchers, and entrepreneurs to explore innovative strategies for sustainable bioresource utilization.

MTI-HUB played a key role as a speaker, sharing insights on the potential of bioresource management in fostering entrepreneurship and innovation. The session, delivered by **Dr. Rajiv Kangabam, Lead, MTI-HUB**, was titled **'Bioresource to Business: Pioneering Sustainable Ventures for Economic Growth'** and highlighted the importance of bioresource-based startups, sustainable product development, and the role of incubation support in scaling bio-enterprises.

MTI-HUB's participation underscored its commitment to nurturing innovation-driven entrepreneurship, providing strategic guidance to startups, and supporting initiatives aligned with sustainable development goals. The interactive session received positive feedback, with many attendees expressing interest in collaborating with MTI-HUB for future bioresource-based startup initiatives.



As a leading innovation and incubation hub, MTI-HUB continues to support and mentor startups in bioresource management, facilitating networking, funding access, and capacity-building programs. The participation in this program reinforces its dedication to empowering entrepreneurs and strengthening the bio-economy ecosystem in Manipur and beyond.

DUE DILIGENCE FOR RKVY RAFTAAR AGRI-BUSINESS INCUBATOR GRANTEES 06TH JANUARY, 2025

MTI-HUB conducted due diligence for **RKVY Raftaar Agri-Business Incubator** grantees from Manipur to assess their feasibility, scalability, and financial viability. The process included document verification, business model evaluation, market potential analysis, and financial viability assessment

Additionally, site visits were conducted at two startup locations in the state to evaluate their progress and current situation before the release of funds.

Startup Name : NATURITECH PVT. LTD.

Founder : Dr. Chandralekha Ayekpam

Sector : Industrial Biotechnology

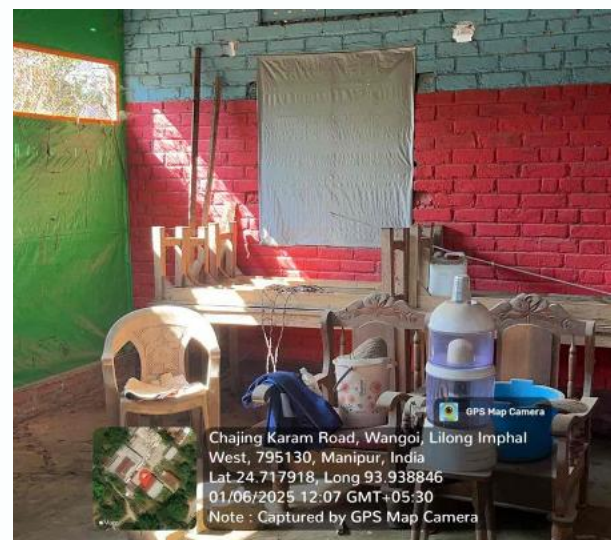
Startup Name : HEIHAA TRADIVISION PVT. LTD

Founder : Manikanta Wairokpam

Sector : Waste to Wealth

Key findings revealed strong potential in industrial biotechnology and waste to wealth, with startups showing clear business models and interest in sustainable practices. However, some required additional guidance in financial planning, regulatory compliance, and market linkages. The due diligence process ensured that startups align with program objectives and can contribute effectively to the startup ecosystem.

To support these startups further, MTI-HUB recommends targeted capacity-building sessions, continuous mentorship, and enhanced market linkages. Providing incubation services, workspace, and funding assistance will help them scale efficiently. MTI-HUB remains dedicated to fostering startups and strengthening Manipur's startup ecosystem through structured support and incubation.



MTI-HUB'S PARTICIPATION IN THE INTERNATIONAL CONFERENCE ON BLUE ECONOMY 23-24 JANUARY, 2025

MTI-HUB actively participated in the **International Conference on Blue Economy, held on 23rd and 24th January 2025, organized by KIIT-TBI & BCKIC**. The conference brought together experts, researchers, policymakers, and entrepreneurs to discuss sustainable economic opportunities derived from marine and freshwater resources.

As part of this mega conference, MTI-HUB facilitated the submission of 16 abstracts from researchers, innovators, and startups working in the domain of the blue economy. These abstracts covered a range of topics, including sustainable aquaculture, marine biotechnology, fisheries innovation, water resource management, and the development of blue carbon initiatives.



MTI-HUB's participation in this conference further strengthened its commitment to fostering research-driven entrepreneurship and innovation in the blue economy sector. Representatives from **MTI-HUB Lead, Dr. Rajiv Kangabam** engaged in discussions with key stakeholders, exploring potential collaborations for technology transfer, funding opportunities, and incubation support for startups working in marine and freshwater-based industries.

With the submission of **16 abstracts** and active engagement in discussions, MTI-HUB's presence at the conference reinforced its role in supporting startups and researchers in leveraging blue economy opportunities for sustainable development.



LIST OF 16 ABSTRACTS SUBMITTED THROUGH MTI-HUB

Sl No	First author	Affiliation	Title of the study	Academic/ Industry	State/ Country
1	H. Duncalf-Youngson	University of Nottingham, United Kingdom, British Geological Survey, United Kingdom	Assessing Human Impacts in a Protected Tropical Wetland	Academic	UK
2	Chingakham Chinglenthaoiba	National University of Singapore Chitkara University, Rajpura-140417	Conversion of waste PET Bottle into Terephthalic Acid Based Metal-Organic Framework for Removal of Nanoplastic from Water	Academic	Singapore & India
3	Rajiv Kangabam	Manipur Technology Innovation Hub	Sustainable Blue Economy Practices for Loktak Lake: Balancing Conservation, Livelihoods, and Ecotourism	Industry	Manipur
4	Thiyam General	Generation Net Nutrition Pvt. Ltd	Fermentation of Seaweed processing waste to value added products	Industry	Manipur
5	Nikhil Patel	Bharathidasan University	Determination of N,N-Diethyl-meta-toluamide (DEET) in Sediment and Water by GC-EI-MS: An Analytical Approach for an Emerging Contaminant	Academic	Tamil Nadu
6	Swagata Chakraborty	Bharathidasan University	Microplastics: Affecting India's Blue Economy	Academic	Tamil Nadu
7	Thoudam Kheljeet Singh	NIT Manipur	Revolutionizing Coral Reef Restoration: Sustainable Solutions with 3DPrinted Bio-Compatible Materials	Academic	Manipur
8	Akoijam Caroline	Department of Life Science (Zoology) Manipur University	Assessing the Economic Impacts of Water Resource Degradation in Loktak Lake: Challenges and Sustainable Solutions	Academic	Manipur
9	Jinita Lourembam	Department of Life Science(Zoology) Manipur University	Essential Elements and Chemical Metabolites content in the Edible Freshwater Snails of Manipur, India: A Potential Multifunctional Food and Mini-Livestock of the Future.	Academic	Manipur
10	Okram Ronibala Devi	Department of Life Science (Zoology) Manipur University	Evaluation of Phytochemical, Antioxidant and Mineral Content in Euryale ferox Salisb. of Manipur, India: A Potential Superfood of the Future	Academic	Manipur
11	Okram Premjit Singh	Maiyon Agro LLP	Utilizing Insects as a Cost-Effective Alternative Feed in Aquaculture	Industry	Manipur
12	Endrea Moirangthem	Mizoram University	Ecological structure and diversity indices of the Phumdi ecosystem	Academic	Mizoram
13	Konjengbam Nirmala Chanu	Department of Economics, Manipur University	A Key to Sustainable Economy: Harnessing the Potentials of Water Fox Nut	Academic	Manipur
14	Bony Yumnam	Elgae Tech Private Limited	IOT ENABLED PRECISION SOLUTION FOR MASS PHYCOSPIRULINA PROTEIN FORTIFIED FOODS AS A CIRCULAR BLUE ECONOMY INNOVATION	Industry	Manipur
15	Samananda Keisham	Department of Environmental Sciences, Manipur University	Assessment of Water Poverty Index (WPI) of Imphal River Basin: A Tool to Assess the Climate-Induced Vulnerability on Water Resources	Academic	Manipur
16	Salam Dilip	Department of Forestry, Manipur University	Preliminary Habitat Risk Assessment of endemic Liliun mackliniae (Sealy) in Shirui Kashong Hill, Manipur, India	Academic	Manipur

BOEING BUILD 4.0 BOOTCAMP & REGIONAL FINAL ROUND 30-31 JANUARY & 1 FEBRUARY, 2025

Aeroshil Nameirakpam, Founder of Nibiaa Devices, an innovative startup incubated at MTI-HUB, actively participated in the **Boeing BUILD 4.0 Bootcamp and Regional Final Round held on 30 - 31 January 2025 and 1 February, 2025 at KIIT-TBI**. The participation was facilitated through MTI-HUB as part of its ongoing commitment to supporting and mentoring startups in their growth journey.

Nibiaa Devices, known for its advancements in technological solutions, showcased its innovative products and solutions during the bootcamp. The startup engaged in various interactive sessions, gaining valuable exposure to industry best practices and strategic insights from Boeing mentors and other domain experts.

One of the key highlights was the pitching session during the Regional Final Round, where Nibiaa Devices presented its innovative idea and received constructive feedback from industry veterans. This feedback provided crucial insights to further enhance its business model. Through expert mentorship, Nibiaa Devices refined its product-market fit, improved its business strategy, and explored scaling opportunities.



MTI-HUB played a crucial role in enabling Nibiaa Devices to participate in the Boeing BUILD Bootcamp by providing incubation support, guidance, and strategic direction. This reinforced MTI-HUB's mission of fostering innovation-driven entrepreneurship and strengthening the startup ecosystem in Manipur.



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Onboarding New Startup **Puni Enterprises**



Onboarding New Startup **Heihaa Tradivision Pvt. Ltd.**



Onboarding New Startup **Nagahao Agro Business Pvt. Ltd.**

EMINENT VISITORS



MTI-HUB team along with official team of MSRLM



MTI-HUB team along with young entrepreneurs from the state

UPCOMING EVENTS



BCKIC
Bhubaneswar City
Knowledge Innovation
Cluster Foundation

One-Day Capacity Building Program on **BUSINESS DEVELOPMENT STRATEGIES**

Theme:

LAUNCH & GROW : 7 POWERFUL FRAMEWORKS FOR SMALL BUSINESS SUCCESS

KEY

TAKAWAYS:

- Why and How to use frameworks in Business
- How to start a business even if you don't have any business idea
- Turn your idea to business within 48 hrs without spending any investment or less investment
- Strategise your small business for 10X Revenue Growth in the next 1 year
- Understand the Game of Business Valuation for 100X Exit

Date:

22nd February, 2025

Time:

11:00 AM onwards

Venue

MTI-HUB, IT Park, Mantripukhri
Imphal, Manipur

Organised by:

Manipur Technology Innovation Hub



ROSHNIKUMAR YAMBEM

MANAGING DIRECTOR, GLOBIZS

SCAN TO REGISTER

REGISTRATION FEE :

₹ 100/-



Get in touch : 8178301280 / 7005524030 / 7005112399 / 9615115952



HACKATHON

ON EMERGING TECHNOLOGIES WITH EMPHASIS ON
AI/AR/VR

27th February, 2025

STPI-OCTANE COE, MIMS BUILDING, MANIPUR UNIVERSITY, IMPHAL

ELIGIBILITY CRITERIA

- Teams must consist of 2 to 3 members and open to students, professionals, startups, and tech enthusiasts.
- Participants must have basic knowledge of programming and emerging technologies.
- Prior registration is mandatory.

PRIZES

- 1st Prize** : ₹20,000 cash prize, and a certificate of excellence.
- 2nd Prize** : ₹15,000 cash prize and a certificate of appreciation.
- 3rd Prize** : ₹10,000 cash prize and a certificate of appreciation.

FOR FURTHER
DETAILS,
PLEASE
CONTACT

SOFTWARE TECHNOLOGY
PARKS OF INDIA (STPI) IMPHAL

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MANIPUR TECHNOLOGY INNOVATION
HUB (MTI-HUB) IMPHAL

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MANIPUR IT PARK, MANTRIPUKHRI,
IMPHAL EAST-795002

REGISTRATION DEADLINE:

24th February, 2025

REGISTRATION FEE :

₹ 500 Per Team*

* Registration fee will be refunded
upon successful participation.

SCAN TO REGISTER



SCAN TO KNOW MORE



UPCOMING EVENTS

The Gateway to South-East Asia & now
**The Next Hot-Spot
For Startups**

**MANIPUR TECHNOLOGY INNOVATION HUB (MTI HUB)**

Manipur Information Technology Park, Mantripukhri,
Imphal East, Manipur - 795002

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