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TECHNOLOGY, MANIPUR

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IIIT MANIPUR

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HIGHLIGHT OF THE QUARTER

AHOUBA: The IIIT Manipur Tech Odyssey

The vibrant Ahouba 2024, a technical and cultural fest, was held from 11th to 12th April 2024, celebrating innovation, creativity, and cultural diversity. "Ahouba," meaning "The New Beginning" or "Foremost" in the Manipuri language, perfectly encapsulated the spirit of the event.



Tech Fest Banner

IIIT Manipur organized a Tech-Fest named "AHOUBA-2024" from 11th to 12th April 2024. The web link is <http://ahouba.iiitmanipur.ac.in/>. World Boxing Champion Laishram Sarita Devi visited IIIT Manipur during the Techfest.



Speech by World Boxing Champion [Laishram Sarita Devi](#)

Ahouba 2024: A Two-Day Extravaganza of Technology and Culture

The much-anticipated Ahouba 2024 unfolded with great excitement on the **11th and 12th of April**, drawing participants from across Imphal and beyond. The festival was a perfect blend of technical brilliance and cultural expression, bringing together students from various institutions, including NIT, other government colleges, and even schools from across the region. It was a celebration of innovation, creativity, and talent, making Ahouba 2024 a remarkable experience for all who attended.

Day 1: The Grand Opening and Cultural Performances



The first day of Ahouba 2024 kicked off with a grand inauguration ceremony in the morning. The director's address and lighting of the ceremonial lamp set the stage for two days of exciting events. The inauguration ceremony was accompanied by a vibrant dance performance, adding a splash of culture and festivity to the event. The director's speech inspired the audience, highlighting the importance of such events in fostering student creativity and collaboration.

As the evening rolled in, the cultural festivities took over. The welcome speech was followed by a series of enthralling performances, including songs, group and solo dances, and even heartfelt poetry recitations. The energy was palpable as students showcased their talents in front of a cheering audience. In addition to the cultural activities, the evening was filled with interactive games that kept the excitement alive, ensuring there was something for everyone to enjoy.

Day 2: Champion's Interaction and Prize Distribution

The second day was even more special as it welcomed the world boxing champion, Sarita Devi, for an interactive session. Her inspiring words and life journey resonated with the students, sparking motivation and admiration among the crowd. The day continued with a mix of poetry recitations, musical performances, and energetic dance routines.



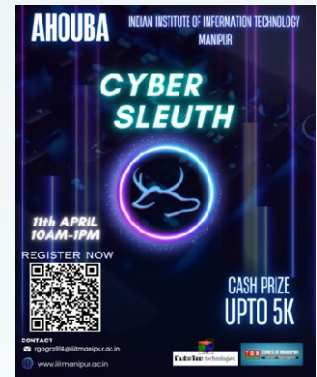
Technical Events: A Hub of Innovation

Ahouba 2024 was not only about cultural performances; it was also a platform for showcasing technical expertise. The fest featured a range of technical competitions, attracting participants from colleges, including NIT, government institutions, and schools eager to experience a vibrant college fest. Here's a breakdown of the major technical events:

Cyber Sleuth: A gripping event that tested the cyber security knowledge of participants.

Valorant: The popular gaming competition had everyone on the edge of their seats with fierce online battles.

Code Hunt: A campus-wide coding competition that challenges participants to solve complex problems.



Circuit Debugger: A highly engaging event in the Electronics Lab, where participants debugged intricate circuits.

Hackathon: Hosted at the Computer Centre, this event was a major highlight, with participants working tirelessly to develop innovative solutions over two days.

Robo War: A thrilling robotics competition held in the basketball court, where teams showcased their automated creations competing each other in action.

FIFA, SF6, and Robo Soccer: Gaming enthusiasts got their dose of competitive fun with these events that attracted a huge crowd.

Scrap Tech Expo: A unique exhibition that featured innovative projects created using scrap materials, highlighting the importance of sustainability in tech.



On Day 2, AHOUBA 2024 continued its momentum with an exciting array of technical and cultural events. Tech enthusiasts were treated to intellectually stimulating competitions such as Chess, the Line Follower competition, the Astro Quiz, the Anime Quiz, and the highly anticipated Free Fire and BGMI tournament. The Competitive Programming challenge attracted sharp coders from across institutions, all eager to test their algorithms and problem-solving skills.

But the fest wasn't just about tech—culture and creativity took center stage as well. The crowd was mesmerized by stunning performances of the singing and dancing competitions, where students showcased their talents with passion and flair. The highlight of the day was 'Sonic Pie', a vibrant singing event that brought together melodious voices, creating an electric atmosphere.



Adding to the fun, there were quirky and entertaining events like the **Pie-Eating Contest**, **Sack Race**, and **Spoon Race**, which brought laughter and excitement to participants and onlookers alike. These lighthearted competitions offered a refreshing break from the intense technical events, bringing everyone together in the spirit of festivity and fun.



The day culminated with a grand **Prize Distribution Ceremony**, honoring the winners of every event held throughout the tech fest. From the brilliant minds in coding and robotics to the dynamic performers in music and dance, and even the fastest pie eaters and sack racers, every effort was recognized and celebrated.

Ahouba 2024 truly lived up to its name, symbolizing 'a new beginning'. With its perfect blend of innovation, competition, creativity, and lighthearted fun, it offered students and attendees an unforgettable experience filled with inspiration, entertainment, and the spirit of collaboration.



WallArt by students representing AHOUBA

IMPORTANT EVENTS

IIIT Manipur Conducted a guest lecture on “Evolution of Electronics”

IIIT Manipur, as part of its ongoing efforts to contribute to India’s vision of a technologically advanced future under the India’s Techade - Chips for a Developed Nation initiative, hosted a remarkable guest lecture on April 3rd, 2024, titled The Evolution of Electronics. The lecture was delivered by the esteemed Prof. S. Muttan of Anna University, who captivated the audience with his depth of knowledge and innovative demonstrations.

The event began with a warm welcome extended by Prof. Muttan, setting the tone for what was to be an engaging and thought-provoking session. He initiated the lecture by asking the students basic questions related to electronics, signals, and communication, a strategy that immediately drew the students' attention and sparked their interest. By probing the students with questions about the fundamentals—like how electronic signals (transmissions of electrical currents carrying information) are used in communication systems (networks of devices that transmit data)—he provided a solid foundation to dive into the more advanced topics that would follow.

Following this engaging introduction, Prof. Muttan began a series of live demonstrations that underscored the core principles of communication signals and systems (the methods by which information is encoded, transmitted, and decoded using electrical signals). Using a function generator and an oscilloscope, he illustrated how communication systems operate in real-time. These tools helped demonstrate the transformation of signals, from simple sine waves, showing the practical side of concepts the students had encountered in their theoretical studies.



Guest lecture by professor Muttan

What made the session especially intriguing was the fact that the experiments were devised by Prof. Muttan himself. These experiments allowed students to witness the actual behavior of electronic components and systems, moving beyond textbooks to hands-on understanding. This experiential learning (learning through practical experience) highlighted how real-world communication systems have evolved over time—from early analog systems (which use continuous signals) to the digital systems (which use discrete, on-off signals) which we rely on today.

One of the most compelling parts of the lecture was the demonstration of signal modulation (the process of varying a signal to encode information), where Prof. Muttan used his custom experiments to show how data is transferred efficiently in modern systems. His ability to simplify these complex topics into understandable segments resonated well with the students, allowing them to grasp how electronic systems have developed over the years, adapting to new challenges and technological advancements.

In addition to explaining the technical evolution of electronics, Prof. Muttan emphasized the importance of practical applications. Using basic equipment like the function generator and oscilloscope, he demonstrated how students can experiment and explore on their own, encouraging them to actively engage with the subject matter.



Professor having Interaction with students

His demonstration was not just a lesson in electronics but an inspiration for students to think creatively and innovate, particularly as India focuses on advancing its semiconductor industry (the foundation of electronic devices).

The lecture culminated in a lively Q&A session. Students eagerly asked a variety of questions, ranging from specifics about signal processing to broader inquiries about future trends in electronics and communication. Professor Muttan addressed each question with patience and clarity, further enriching the learning experience for the audience. His insights into the evolution of electronics, particularly how technologies have transformed over the last few decades, left students with a better understanding of the rapid pace of advancement and the exciting opportunities the future holds.

This guest lecture was a notable success, reflecting IIIT Manipur's commitment to providing its students with valuable exposure to industry and academic experts. The event highlighted the critical role electronics play in shaping modern communication systems and India's journey towards becoming a self-reliant technological power.

With lectures such as these, IIIT Manipur continues to build a strong foundation for its students, inspiring them to innovate and contribute to India's goal of becoming a global leader in electronics and semiconductor technology. The college extends its sincere thanks to Professor S. Muttan for delivering a lecture that was not only informative but also deeply inspiring for the future generation of engineers. The session provided students with a comprehensive understanding of electronics' past, present, and future, while demonstrating the potential for India's bright future in the global tech landscape.

IIIT Manipur conducted 3rd convocation ceremony for B.Tech. 2020 Batch

The Indian Institute of Information Technology (IIIT) Manipur marked a momentous occasion on 15th May 2024, as the institute conducted its 3rd Convocation Ceremony, celebrating the achievements of the 2020 B.Tech batch. In the presence of esteemed dignitaries, including the Hon'ble Governor of Manipur, Ms. Anusuiya Uikey, the graduating students proudly received their hard-earned degrees.



Director, Students with Governor of Manipur Ms. Anusuiya Uikey

This year's convocation was particularly significant as it took place within an impressive three working days from the final end-semester examinations, showcasing the institute's efficient organization and commitment to the timely academic progression of its students. The event highlighted the resilience, hard work, and dedication of the 2024 batch, who navigated numerous challenges, including the pandemic, to successfully complete their education.

The Hon'ble Governor Ms. Anusuiya Uikey presented degrees to the graduates, commending them for their perseverance and encouraging them to leverage their knowledge and skills to contribute to society and the nation. The ceremony was filled with excitement and pride, as students reflected on their transformative journey through the rigorous curriculum at IIIT Manipur.



In his address, the Director of IIIT Manipur, Prof. Krishnan Baskar, congratulated the graduates for their academic achievements and urged them to continue their pursuit of excellence and innovation in the ever-evolving field of technology. He also expressed his gratitude to the faculty and staff for their unwavering support and mentorship throughout the students' academic journey.



Director, Students with Governor of Manipur Ms. Anusuiya Uikey

The convocation concluded with smiles, photographs, and a profound sense of accomplishment as the graduates stepped confidently into the next chapter of their lives, carrying the values and legacy of IIIT Manipur with them.



As the batch of 2024 embarks on new endeavors, the entire IIIT Manipur family stands proud of their accomplishments and extends its best wishes for their future success.



BOG members, faculty with Governor of Manipur Ms. Anusuiya Uikey

Hostel Day Celebration at IIIT Manipur

IIIT Manipur celebrated its Hostel Day on April 30, 2024, commemorating the culmination of a successful academic year. The event, presided over by the Director of IIIT Manipur, brought to the fore the hostel's significance as a second home for students, fostering friendships, teamwork, and personal growth. Residents showcased their talents through cultural performances, skits, and musical presentations, reflecting the diverse and vibrant hostel community. The event was a night of camaraderie and nostalgia, where students, faculty, and staff gathered for an evening of celebration. It acknowledged the hostel's significance as a second home for students, fostering friendships, teamwork, and personal growth. Residents showcased their talents through cultural performances, skits, and musical presentations, reflecting the diverse and vibrant hostel community.

Awards and recognition were bestowed upon outstanding hostel residents, appreciating their contributions to hostel life. The director encouraged students to cherish memories, build lifelong connections, and carry the spirit of unity beyond the hostel walls.



As the academic year drew to a close, Hostel Day served as a poignant reminder of shared experiences, laughter, and challenges overcome. The event reinforced IIIT Manipur's commitment to holistic development, nurturing not just academic excellence but also emotional intelligence and community bonding and this celebration makes every individual more closer and displays the picture of unity.



Hostel Day Celebration at IIIT Manipur Hostel

IMPORTANT ACTIVITIES

IIITM Director along with HoS. Academics and Staff of IIIT Manipur called on Hon'ble Governor of Manipur

On May 2, 2024, the Director of the Indian Institute of Information Technology (IIIT), Manipur, alongside the Head of School (HoS) Academics and a delegation of esteemed staff members, had the honour of meeting the Honorable Governor of Manipur. This momentous occasion served as a platform to brief the Governor on the remarkable strides IIIT Senapati has been making in academic excellence and to discuss the eagerly awaited convocation that promises to be a landmark event in the institute's history.



Director honouring Governor of Manipur

Director along with HoS. Academics and Staff of IIIT called on Hon'ble Governor of Manipur on 2nd May 2024 and appraised the academic activities and ensuing convocation.

During the meeting, the Director passionately detailed the transformative journey of IIIT Manipur in becoming a beacon of higher education in the region. The institute, with its focus on cutting-edge fields like computer science and information technology, has been instrumental in empowering the next generation of engineers and innovators. The Director emphasized the institution's commitment to nurturing talent and fostering an environment where students can thrive both academically and professionally. She elaborated on how IIIT Senapati is not just an educational hub but a vital contributor to the technological and economic progress of Manipur.

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The team from IIIT Manipur also highlighted various innovative academic programs designed to ensure that students receive not just theoretical knowledge but practical, hands-on experience. These programs are crafted to bridge the gap between academia and industry, equipping students with real-world skills that make them highly sought after in the job market. Furthermore, the Director underscored the importance of research and innovation, sharing how the institute has been promoting interdisciplinary collaboration and partnerships with leading industries.

The focus then shifted to the upcoming convocation, an event eagerly anticipated by the students, faculty, and the entire IIIT Manipur community. The Director outlined the extensive preparations being made to ensure that the convocation becomes a grand celebration of the achievements of the graduating students. The convocation will not only be a day of pride for the graduates but also a testament to the institute's relentless pursuit of excellence. The event is expected to draw distinguished guests, including key figures from industry, government, and academia, making it a truly prestigious affair.

The Honorable Governor of Manipur was deeply impressed by the efforts and achievements of IIIT Manipur. She commended the institute's leadership for their vision and hard work in shaping a brighter future for the students and the state. The Governor lauded the dedication of the faculty and staff in ensuring that IIIT Manipur stands at the forefront of educational innovation. She further encouraged the institute to continue its efforts in uplifting the education sector in Manipur and contributing to the overall development of the region.

Director along with faculty members of IIIT Manipur had discussions with Director, RIMS Imphal

Director IIIT Manipur along with faculty members had discussions with Director, RIMS Imphal to foster joint research/ academic collaborations on 3rd May 2024.

On May 3, 2024, the Director of IIIT Manipur, accompanied by esteemed faculty members, engaged in a productive meeting with the Director of Regional Institute of Medical Sciences (RIMS), Imphal. The primary objective of this meeting was to explore potential avenues for joint research and academic collaborations between the two prestigious institutions.

The discussions centered on leveraging the complementary expertise of IIIT Manipur's technological prowess and RIMS' medical excellence. The parties deliberated on initiatives to integrate technology and healthcare, driving innovation in medical research, diagnostics, and treatment.



Key areas of potential collaboration included:

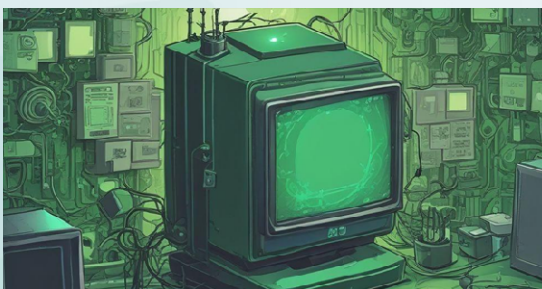
1. Medical Imaging and Analytics
2. Healthcare Informatics
3. Telemedicine and Remote Health Monitoring
4. Artificial Intelligence in Medical Research
5. Biomedical Engineering



The meeting marked the beginning of a fruitful partnership, aiming to:

1. Enhance research output and publications
2. Develop cutting-edge medical technologies
3. Foster interdisciplinary learning and knowledge sharing
4. Address regional healthcare challenges

By joining forces, IIIT Manipur and RIMS Imphal aspire to create a transformative impact on healthcare delivery and medical research in the region. This synergy will pave the way for groundbreaking innovations, nurturing a vibrant ecosystem of academia-industry collaboration.



Prof Somayajulu Director, IIITDM Kurnool visited IIIT Manipur

On May 6, 2024, IIIT Manipur had the honor of hosting Prof. Somayajulu, Director of IIITDM Kurnool, for a visit centered around strengthening ties between the two institutes. The primary focus of the discussions was on infrastructure development and academic activities at IIIT Manipur, with both directors sharing insights on how to create an enriched academic environment conducive to student learning and innovation.

During the meeting with the Director of IIIT Manipur, Prof. Somayajulu emphasized the importance of modern infrastructure in enhancing the quality of education and research. The discussions touched on plans to expand campus facilities, improve lab equipment, and invest in new technologies that align with the institute's vision of becoming a leading center for technological education in the North East. Both directors acknowledged the critical role of well-planned infrastructure in attracting top-tier faculty and fostering a research-driven academic culture.



Prof. of IIITDM Kurnool

In addition to infrastructure, the academic growth of students was a key point of conversation. Prof. Somayajulu shared experiences from IIITDM Kurnool's journey in developing innovative academic programs and research initiatives that focus on interdisciplinary learning, a model that IIIT Manipur could adopt to further enhance its own academic offerings. The dialogue also explored potential collaborations between the two institutions, particularly in areas like faculty exchange programs, joint research projects, and sharing best practices in curriculum design.

Prof. Somayajulu's visit marks an important milestone in building stronger relationships between IIIT Manipur and IIITDM Kurnool, with both institutes aiming to collaborate more closely in the future. The exchange of ideas and best practices is expected to have a long-term impact on improving both academic excellence and infrastructural capabilities at IIIT Manipur.

This visit is part of IIIT Manipur's broader efforts to establish itself as a hub for quality education and research, not only within the North East but across the country. With the guidance and support of experienced academic leaders like Prof. Somayajulu, IIIT Manipur is poised for significant growth in the coming years, paving the way for a brighter future for its students and faculty alike.

All India Think India and Think India North East Zone In-charge had discussions with Director, IIIT Manipur

On May 10, 2024, IIIT Manipur took a decisive step towards strengthening its academic and research landscape by hosting key representatives from Think India, a prominent national forum committed to fostering intellectual discussions and student-centric initiatives across the country. The meeting was led by Shri Sumit Pandey, All India Think India In-charge, and Shri Gaurav Mishra, North East Zone In-charge, who engaged in a meaningful dialogue with the Director of IIIT Manipur, focusing on potential collaborations in the fields of Engineering and Technology.



Think India North East Zone Incharge honoured by Director

The discussions aimed at establishing a strategic partnership between IIIT Manipur and Think India, with an emphasis on organising joint activities such as workshops, seminars, hackathons, and technical conferences. These events would not only provide students with exposure to cutting-edge technologies but also create a platform for them to interact with industry experts, entrepreneurs, and thought leaders. The collaboration is expected to enrich the academic environment, fostering a culture of innovation and problem-solving among the students.

Shri Sumit Pandey emphasized the critical role of such collaborations in shaping the future of India's technical workforce. He pointed out that the rapid pace of technological advancements demand that students are not only well-versed in their academic subjects but are also equipped with practical, industry-relevant skills. Through Think India's initiatives, students at IIIT Manipur will have the opportunity to engage with real-world problems and contribute to nation-building efforts, particularly in emerging areas like AI, robotics, and renewable energy.

Shri Gaurav Mishra, focusing on the unique challenges and opportunities in the North East, highlighted the importance of empowering the region's academic institutions. He stressed the fact that North East holds immense potential for growth in technology and innovation, and initiatives like these can play a pivotal role in accelerating the region's development. Through this partnership, Think India aims to bridge the gap between academia and industry, providing a platform for students from the North East to showcase their talents and take part in national and international technological advancements.



The Director of IIIT Manipur, Prof. Krishnan Baskar welcomed the collaboration, acknowledging the value it would bring to the institute's students and faculty. He expressed confidence that such initiatives would contribute towards positioning IIIT Manipur as a leading institution in the region, capable of producing industry-ready graduates who can make significant contributions to India's tech ecosystem.

The proposed activities will likely include a series of technology-focused events aimed at enhancing students' technical and leadership skills. Special attention will be given to fields like data science, cybersecurity, and IoT, aligning with the current demands of the industry. Additionally, Think India is expected to facilitate mentorship programs where industry experts guide students on project development and research initiatives.

In the coming months, IIIT Manipur and Think India are expected to formalize their collaboration through a series of Memoranda of Understanding (MoUs) and set up joint task forces to oversee the smooth execution of these activities. Both parties are committed to ensuring that this partnership results in tangible benefits for the student community, helping to elevate the quality of education and research in the North East.

This meeting marks a pivotal moment for IIIT Manipur as it continues its journey toward becoming a center of excellence in Engineering and Technology, with Think India playing a crucial role in nurturing the next generation of innovators and leaders from the region.

ARTICLE OF THE QUARTER

Eyes of the LAW

The eye is the lamp of the body, the organ of perception. Ever since the humanity race has been created, God gifted us with two eyes which unknowingly represent our innermost feelings and guide us through every verdict of life, thus inculcating a sense of right and wrong in our mind.

Likewise, law is the binding force that nurtures a society free from chaos, corruption and disorder through the eyes of the constitution.

A monumental step has been taken up by India towards fortifying its legal framework and safeguarding its citizens with the enactment of three pioneering legislations which came into effect from 1st July, 2024 namely:

● Bharatiya Nyaya Sanhita :

Key provisions:

1) Promise to marry: Criminalising 'deceitful' promises to marry.

2) Mob lynching: Codify offenses linked to mob lynching and hate-crime murders.

3) Attempt to suicide: Criminalises attempts to commit suicide with intent to compel or restrain any public servant from discharging official duty.



● Bharatiya Sakshya Act :

Key provisions:

1) Electronic records: Electronic records hold equivalent legal status to traditional paper documents.

2) Joint trial: A trial of multiple persons, where an accused has not responded to an arrest warrant, will be treated as a joint trial.

3) Oral evidence updation: Electronic evidences are categorised as secondary evidences.

● Bharatiya Nagarik Suraksha Sanhita:

Key provisions:

1)Hierarchy of courts: Eliminated distinction and role of Metropolitan Magistrates.

2)Detention of under trial: Restriction on release on personal bond for accused persons

a) charged with life imprisonment.

b) facing multiple proceedings

3)Substitution of terminology: “Mental illness” replaced by “unsoundness of mind”.

4)Documentation protocols: Searches with or without warrants require mandatory audio-video documentation with recorded material promptly submitted.



These transformative criminal laws are designed to overhaul the criminal justice system, enhance citizen security, and leverage technology to combat emerging challenges effectively.

The new laws aim to replace colonial-era punishments which had its disadvantages like outdated and inefficient investigation.

The primary objective is to revamp India's criminal laws to align with modern-day realities and prioritize the vulnerable sections like women, children and marginalized communities by integrating technological advancements in police investigations and court procedures.

New offences include terrorism, mob lynching, organised crime and enhanced punishments for crimes against women and children.

In conclusion, with the passage of time and advancement in the technical field, the phrase "Justice delayed is justice denied" seems to be fading away slowly as people are becoming more aware of their abilities to take advantage of the laws.

Abiding by these laws not only makes us a responsible citizen but also provides a brighter future for the upcoming generation.

~Shenita
1st year, ECE

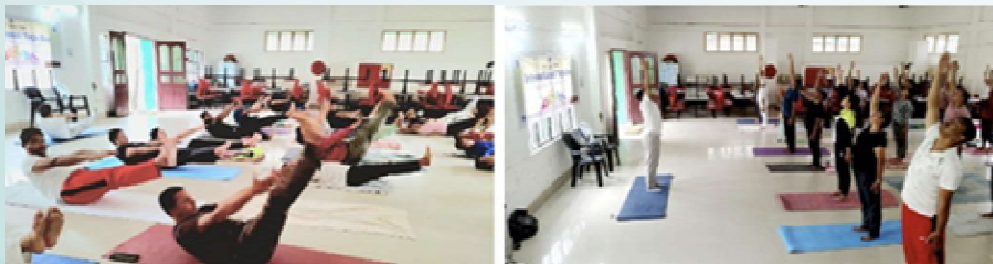
IMPORTANT ACTIVITIES

International Yoga Day Celebration at IIIT Manipur

IIIT Manipur celebrated "International Yoga Day 2024" on the theme "Yoga for Self and Society" on 21st June 2024.



On June 21st, 2024, IIIT Manipur celebrated 10th International Yoga Day with great enthusiasm, marking the occasion with the theme "Yoga for Self and Society". The event aimed to promote the holistic benefits of yoga, emphasizing its role in personal well-being and community health. International Day of Yoga (IDY) or commonly known as Yoga Day, is celebrated on 21st, June every year since its inception in 2015. Yoga is a word derived from Sanskrit word 'Yuj' which means to unite or integrate.' It is the science of well-being and a system to foster well-being on the physical, mental, emotional, and spiritual levels. It originated in ancient India (Bharat).



International Yoga Day Celebration at IIIT Manipur

The celebrations of the International Yoga Day at IIIT Manipur were graced by the presence of Director of the institute, Prof. Krishnan Baskar followed by other faculties, staff members and students. The day commenced with a series of yoga sessions led by experienced instructors, guiding participants through various asanas, pranayama and meditation practices. The instructors put the light on how Yoga can play an important role in our lifestyle. These sessions highlighted the importance of yoga in enhancing physical fitness, mental clarity, and emotional resilience.

In addition to the practical sessions, faculty and students engaged in discussions about the societal impact of yoga, exploring how individual practices can contribute to collective well-being. The event included feedback from participants, showcasing personal journeys and the transformative effects of yoga on both individual level and societal health.

The 10th Yoga Day celebration was an extraordinary event that brought together academic leaders, faculty members and yoga enthusiasts. The celebration concluded with reinforcing the message that yoga is not just a personal practice but a powerful tool for societal harmony and development. IIIT Manipur's commitment to promoting health and wellness through Yoga was evident, making this year's celebration both impactful and inspiring. The emphasis on discipline, both in the practice of yoga and in daily life, was a key takeaway for everyone involved. It successfully promoted the practice of yoga and its benefits, while also emphasizing its global significance.



ACHIEVEMENTS

Project

Dr. Akoijam Malemnganbi (Asst. Professor, HBS) project on "Text to Text/Speech Parallel Corpus Creation of Most Commonly Used Phrases and Sentences in English and Meeteilon" has received funding from DST Manipur for a Short term research project under R&D and Biotechnology Scheme of DST, Manipur. Details of the project is as follows:

- Title - "Text to Text/Speech Parallel Corpus creation of most commonly used phrases and sentences in English and Meeteilon"
- PI - Akoijam Malemnganbi, Assistant Professor, Department of Humanities and Basic Sciences, IIIT Manipur.
- Co PI - Leihaorambam Sarbajit, Assistant Professor, Department of Humanities and Basic Sciences, IIIT Manipur.
- Funded by - Department of Science and Technology, Manipur
- Duration - 12 months
- Project Cost - Rs. 1,20,000 (Revised Budget proposed by DST, Manipur)
- Date of notification for selection - 19th February, 2024

Paper presentation

Malemnganbi Akoijam, "Constructing a Hindu-Centric Modern Identity in Meeteilon Literature: Chaoba, Kamal, Anganghal" presented at the ICSSR-NERC sponsored Two Day International Conference on *Language, Literature, and Culture: Points of Convergence in the Context of NEP 2020*, The English and Foreign Languages University, Regional Campus, Shillong, Meghalaya, 16 - 17 May 2024.

Devi, H.K., & Singh, L.S., "Designing Manipuri Verb Morphology - A Tibeto - Burman Language of North East India" presented at *1st International Conference on Innovation Challenges in Multidisciplinary Research and Practice (ICICMRP)*, Regional College, Imphal, 4 - 5 March 2024.

Publications

Singh, Laiphrakpam Dolendro, Akash Lahoty, Chanubala Devi, Deepjoy Dey, Punyabrat Saikai, Khumukcham Sonam Devi, and Khoirom Motilal Singh. "Image encryption using dynamic S-boxes generated using elliptic curve points and chaotic system." *Journal of Information Security and Applications*, 103793, 2024.

Student Achievements

HRISHIKESH ETHARI of CSE, 2024 Batch, successfully got his paper accepted at COMPSAC 2024 conference which was on July 2-5, 2024 in Osaka, Japan.

STUDENTS CORNER

Paintings and Sketches



Yogita Kumari (2nd Year)



Devika (2nd Year)



Rahul Sharma(2nd Year)



Shreyansh(2nd Year)

Disillusionment

Behind the towns and hills,
The sun sets reluctantly,
A gentle breeze caught me on the face,
On the hillsides the soil was moist,
The willow trees were shrouded by green smoke,
I was on the shore of the nearby river,
That gave me the feeling to love nature forever.
I lost into my past memories,
Making perception about nature's creator,
At least for a while that made me nature's lover.
Being far away from this world's evil actions,
I found myself tied to the nature's creator
Earlier about this world I had some good perceptions
That it is full of things that intrigue
But, I have felt disappointed many times
As all the things are just illusions of others
As it is keep going on its own way,
It has its own path.
But, To explore this world I have my own way.
And, my own avenue.

Ratnesh Kumar (1st Year)
Section:D
ECE

*The days may pass as
time proceeds to take
flight.*

*The season may change
as flower blooms and
wither away.*

*And as nothing last
forever we all are
supposed to depart.*

*Yet still, my heart bleeds
endlessly for something
that was never meant to
be.*

~Shenita

I shiver with the thought of you fading away.
Time is running, life is running.
Everyone is changing day by day.
They say, "Find patience in oneself,
Like a book amongst many on a shelf."
I wish to find that patience now,
I wish to feel better now,
I wish you were here by my side,
Just to show me how.
I shiver with the thought of you fading away,
As the world around me shifts day by day.
I would no longer hear your laugh,
At least your smell will still linger on my scarf.
All my life, you were there,
All my life, I want you to be here,
All my life, I want to share.
Poor me! My tears don't stop,
And here I thought
I would always make you laugh,
But see what?
I'm crying in your scarf.
I shiver with the thought of you fading away,
Everyone is changing day by day.

~Yogita Kumari

Yes, I'm imperfect
Yes, I'm slow
But that does not give you the power to decide
What my future holds.
I may not be like everyone else
But no one's like me.
I'm unique, who are you to belittle me?

Don't see my worth? The problem is in your eyes
Stop hitting me with your judgement and your lies.
It may break the house, but not the foundations.
I will build again, despite your vehement objections.

My tower will rise, touching the blue skies.
I will dance with the wind,
Your accusations left far behind.
You'll see me soar, you'll see me glide,
As I pave my way to victory,
With my head held high.

~Akanksha Gupta



भारतीय सूचना प्रौद्योगिकी संस्थान, मणिपुर Indian Institute of Information Technology Manipur (An Institute of National Importance by Act of Parliament, Govt. of India)



About the Institute

Indian Institute of Information Technology Manipur (IIITM) is an Institute of National Importance (INI) under the Ministry of Education, Govt. of India. It is one of the 25 IIITs which is a group of interdisciplinary technology-based-engineering research institutions in India. The institute was established in 2015 in order to develop Manipur as a preferred destination for Information Technology (IT) related manpower and industry. This shall enable Manipur to gear up for providing IT related services as well as high quality Research & Development in IT. The institute offers B.Tech programmes in the departments of Computer Science and Engineering (CSE) and Electronics and Communication Engineering (ECE) and PhD in the departments of CSE, ECE and Humanities and Basic Sciences (HBS) from the city campus located at Mantripukhri, Imphal, just 12 km away from airport. The campus of the institute has adequate State of Art classrooms, laboratories for CSE and ECE, conference hall, playground, hostels, faculty quarters, guest house, and administrative offices.

Programmes Offered

Undergraduate Courses (B. Tech)

- Computer Science and Engineering (CSE)
- CSE with Specialization in Artificial Intelligence and Data Science
- Electronics and Communication Engineering (ECE)
- ECE with Specialization in VLSI and Embedded Systems

Doctoral Programme (Ph. D)

- Computer Science and Engineering
- Electronics and Communication Engineering
- Mathematics
- Linguistics

Thrust Areas of Research

Computer Science and Engineering

- | | |
|-------------------------------|----------------------------------|
| • Data Mining | • UAV |
| • Natural Language Processing | • Social Media Analysis |
| • Speech Processing | • Human-Computer Interaction |
| • Artificial Intelligence/ML | • Hyperspectral Image Processing |
| • Digital Forensics | • Cyber Security |

Electronics and Communication Engineering

- | | |
|---------------------------|--------------------------|
| • VLSI & Embedded Systems | • Wireless Communication |
| • Signal Processing | • RF & Microwaves |
| • MEMs & Microfabrication | • Antenna Design |

Mathematics

- Computational Mathematics
- Sampling Techniques

Linguistics

- Lexicography
- Language Documentation
- Human Language Technology

Admissions

Joint Seat Allocation Authority (JOSAA) Institute
Code: 313 (Indian Institute of Information Technology, Manipur)

Undergraduate (B.Tech)

Undergraduate Courses are admitted on the basis of **JEE(Main)** score through **JOSAA** and **CSAB** every year.

Doctoral Programme (Ph.D.)

Ph.D. programme in various specialization are admitted through advertisement in institute website from time to time.

Contact Us

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Academic Section: academic@iiitmanipur.ac.in
Admissions: admission@iiitmanipur.ac.in

Ongoing/Completed Funded Projects

“Multi-domain text-to-text machine translation system in synchrony with speech consortia to facilitate bidirectional translation.”; Amount: 2.4382 Crore; PI: Dr. N. Kishorjit Singh; Funding Agency/ Collaborator: Ministry of Electronic and Information Technology (MEITY), Govt. of India

“Prototype Development of Self-biased High-power Circulator for Particle Accelerator.”; Amount: INR 33 lakhs.; PI: Dr. Subasit Borah; Funding Agency/ Collaborator: Board of Research in Nuclear Science (BRNS)-DAE.

“A Prototype of Auto-navigating E-Cart using Multispectral Imaging.”; Amount: INR 40 lakhs.; PI: Dr. N. Kishorjit Singh; Co-PI: Dr. Kabita Tharoirjam; Funding Agency/ Collaborator: Ministry of Electronic and Information Technology (MEITY), Govt. of India

“A multilingual Reference Wordnet on Four of the Major Indigenous Dialects of Manipur and Manipuri Languages.”; Amount: INR 41 lakhs.; PI: Dr. N. Kishorjit Singh; Funding Agency/ Collaborator: SERB (Department of Science and Technology) Govt of India



“IIIT-Manipur, will serve as a benchmark
for the entire North-East”

- **Shri. Narendra Modi**
Hon'ble Prime Minister of India

“IIIT-Manipur is ensuring a smooth and successful academic atmosphere where the students from across the country feel safe and secure under the able leadership of Director, IIIT-Manipur, Prof. Krishnan Baskar.”

- **Miss. Anusuiya Uikey**
Hon'ble Governor of Manipur

(During the 2nd Convocation of IIIT Manipur, held on 15th May 2024)



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