



INDIAN INSTITUTE OF INFORMATION  
TECHNOLOGY, MANIPUR  
An Institute of National Importance by an  
Act of Parliament, Govt. of India



Department of Higher Education  
Ministry of Education  
Government of India

# IIIT MANIPUR

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# NEWS LETTER

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# HIGHLIGHT OF THE QUARTER

## "Reaching for the Stars: Celebrating National Space Day and Humanity's Cosmic Journey"

The Indian Institute of Information Technology (IIIT) Manipur hosted a grand celebration on the occasion of *National Space Day*, commemorating India's achievements in space exploration. The event was graced by the esteemed presence of Padma Bhushan Prof. T. Ramaswami, Former Secretary of Science & Technology, Government of India, and the Director of IIIT Manipur Prof. Krishnan Baskar. The event witnessed an enthusiastic participation of over 100 local school students, who engaged in various competitions designed to inspire the next generation of space enthusiasts.

The celebration aimed to highlight India's remarkable advancements in space science, with a special focus on the nation's recent space missions and innovations. Prof. T. Ramaswami delivered an inspiring keynote address, emphasizing the importance of space research and technological innovation for national development. He applauded India's space pioneers, including ISRO scientists, for their relentless efforts in pushing the boundaries of exploration.



Certificate distribution to students by Director and Chief Guest



The event included an exhibition, a quiz competition, and a robotics challenge. Students from various schools participated, including Johnstone Higher Secondary School, Assam Rifles Public School, New Keithelmanbi, and Kendriya Vidyalaya Akampat in the exhibition. The students also engaged in a lab demonstration session at IIIT Manipur. The exhibition concluded with Naorem Arjun Singh and Elex Chongtham of Johnstone Higher Secondary School winning first place. The second place was secured by Saurabh Deb and Shilheibi Chanu of Assam Rifles Public School, IGAR South Mantripukhri, while Sophia Lourembam and Ingudam Velen from Kendriya Vidyalaya Akampat achieved third place.

Speaking on the occasion, the Director of IIIT Manipur expressed immense pride in hosting such a significant event, emphasizing the importance of nurturing young talent in STEM fields. He encouraged students to dream big and contribute to the nation's space endeavors.

As India continues to make groundbreaking strides in space exploration, events like these play a crucial role in inspiring the younger generation to pursue careers in science and technology. The National Space Day celebration at IIIT Manipur was indeed a resounding success, fostering a spirit of innovation and scientific inquiry among students.

In conclusion, National Space Day is a celebration of human curiosity, innovation, and the limitless possibilities of space exploration. It serves as a reminder of how far we have come in understanding the universe and inspires future generations to reach for the stars. As we continue to push the boundaries of science and technology, this special day encourages us to dream big and work towards discoveries that can benefit all of humanity. Whether through scientific advancements, educational initiatives, or simply gazing at the night, National Space Day unites us in our shared fascination with cosmos.

# IMPORTANT EVENTS

## IIIT Manipur conducted awareness program on "3 New Criminal Laws"

On 1st July 2024, the Indian Institute of Information Technology (IIIT) Manipur held an insightful awareness program aimed at educating its faculty and staff members about the newly introduced "3 New Criminal Laws" in India. The event was organized to equip the institution's academic and administrative community with a better understanding of these legal developments and their implications. In recent years, India has seen the introduction of several criminal laws aimed at strengthening law enforcement, improving transparency, and safeguarding national security. IIIT Manipur took the initiative to familiarize its faculty and staff with these changes, thereby fostering a more informed and legally aware environment within the academic setting.

The event covered three key criminal laws that have drawn attention for their wide-reaching implications:

- The Criminal Procedure (Identification) Act, 2022: One of the highlights of the session was an in-depth explanation of the Criminal Procedure (Identification) Act, which empowers law enforcement agencies to collect biometric and physical data from individuals who have been arrested.
- Amendments to the Unlawful Activities (Prevention) Act (UAPA): The second law covered in the program was the amended Unlawful Activities (Prevention) Act (UAPA). These amendments have expanded the scope of action against terrorism and anti-national activities. The law allows for swift action against individuals or organizations suspected of posing a threat to national security.

- The Prevention of Corruption (Amendment) Act, 2018: The Prevention of Corruption (Amendment) Act, introduced in 2018, was the third major topic of discussion. This law focuses on preventing corruption among public servants and in private organizations.

The event featured prominent legal expert and practitioner, Mr Hijam Chandrakumar Singh of High Court Manipur who shared his perspectives on the implications of these laws. The speaker provided clear, accessible explanations of the legal frameworks, offering insights into their practical applications and the potential challenges that law enforcement agencies may face during implementation. An engaging Q&A session followed, where faculty and staff had the opportunity to ask questions, discuss concerns, and share their own viewpoints. These interactive discussions not only helped clarify the complexities of the new laws but also sparked a broader conversation about the balance between law enforcement and the



Explanation session of three criminal laws by High Court Lawyer Mr Hijam Chandrakumar with faculty members

As the country navigates through complex legal and societal challenges, initiatives like this help cultivate a more engaged, aware, and responsible population, making a lasting contribution to the development of both academia and society at large.



## IIITM Director participated in the "Van Mahotsav, 2024" on 6th July, 2024

On 6<sup>th</sup> July, 2024, Director participated in the "Van Mahotsav, 2024" inaugurated by Shri Thongam Biswajit Singh, Hon'ble Minister for Environment, Forest and Climate Change and Power, Agriculture, Science & Technology organised by Forest department.

The theme for Van Mahotsav 2024 "Ek Ped: Maa Ke Naam", emphasizes the deep connection between nature and motherhood. Just as a mother nurture, protects, and sustains life, a tree provides oxygen, shade, and ecological balance, making it a perfect tribute to maternal love and care.



Director, faculty and Hon'ble minister taking part in Van Mahotsav activities

This idea encourages individuals to plant a tree in honour of their mothers, signifying **gratitude**, **respect**, and a **commitment** to preserving the environment for future generations.

Speaking on this occasion, Shri Thongam Biswajit Singh Stated that the state government aims to plant over 46 lakh saplings by the end of 2024 and also highlighted the role of green cover in mitigating global warming, preserving wildlife habitats, and ensuring ecological balance.

On this significant environmental initiative, the Director of IIIT Manipur, Prof. Krishnan Baskar accompanied by esteemed faculty and staff took pledge to protect plants as an environmentally conscious citizen and also graciously participated in the tree-planting initiative, symbolizing a commitment to environmental conservation and sustainability.

This annual tree-planting festival, which began in 1950, holds immense relevance in today's times, given the growing concerns over climate change, deforestation, and biodiversity loss. Various campaigns, workshops, and community-driven tree-planting drives were organized, encouraging individuals to take responsibility for nurturing trees and reducing their carbon footprint.



Prof. Krishnan Baskar, Director of IIIT Manipur planting tree on the occasion of Van Mahotsav, 2024



## IIIT Manipur Celebrated 78<sup>th</sup> Independence Day

The Indian Institute of Information Technology (IIIT) Manipur celebrated the 78th Independence Day with great enthusiasm and patriotic fervor at its Mantripukhri campus. The event was marked by the hoisting of the National Flag by Dr. Sukhi Oraon, Chairperson, Board of Governors (BOG), IIIT Manipur, followed by a series of cultural and academic activities.

The ceremony commenced with the arrival of Dr. Sukhi Oraon, who unfurled the Tricolor amidst the singing of the National Anthem. Faculty members, students, and staff gathered in large numbers to witness and participate in the celebration. The event aimed to honor the sacrifices of the nation's freedom fighters and instill a sense of patriotism among the attendees.



Director and Dr. Sukhi Oraon at flag hoisting

Following the flag hoisting, the Director of IIIT Manipur, Prof. Krishnan Baskar presided over the celebration and addressed the gathering. In his speech, he highlighted the importance of independence and the role of educational institutions in shaping the future of the country. "IIIT Manipur is committed to fostering innovation and excellence, and days like these remind us of our duty towards the nation," he stated.

The event also featured cultural performances by students, including patriotic songs, skits, and dance performances, all of which showcased the rich heritage and unity of India.



Additionally, meritorious students were recognized for their achievements in academics and extracurricular activities, reinforcing the institute's dedication to holistic development

Dr. Sukhi Oraon, in his address, emphasized the significance of the day and encouraged students to contribute towards nation-building through education and technology. She appreciated the efforts of the faculty and students in making the event a grand success and urged everyone to work towards a progressive and self-reliant India. The Independence Day celebration at IIIT Manipur concluded with a vote of

thanks, followed by a community gathering where faculty, staff, and students shared their thoughts on the importance of freedom and progress.



Dr. Sukhi Oraon giving speech



March-past by students of IIIT Manipur on campus ground



# IMPORTANT ACTIVITIES

## Inauguration of Hostel and Mess cum Dining Hall

In a landmark event for the academic community of the Indian Institute of Information Technology (IIIT) Manipur, Hon'ble Governor of Manipur, Shri Lakshman Prasad Acharya, inaugurated the newly constructed Boys Hostel and Mess at the IIIT Mantripukhri campus on 14th August 2024. The ceremony marked a significant step forward in providing enhanced facilities for students and fostering a conducive environment for academic growth and development.



Felicitations ceremony for inauguration of new Hostel and Mess

The inauguration ceremony was attended by dignitaries, faculty members, students, and staff, who gathered to witness the unveiling of the state-of-the-art infrastructure.



## Prof. TV Vijaykumar, JNU-Delhi and Prof. Anil Kumar Singh, NIT-Allahabad visited IIIT Manipur

Prof. T V Vijaykumar, JNU-Delhi and Prof. Anilkumar Singh, NIT-Allahabad visited IIIT Manipur on 15<sup>th</sup> July and interacted with students on the topic “Contemporary areas of CSE”. The Guest Lecture Focused on contemporary areas of CSE, its applications and the vast opportunities it offers in terms of jobs and entrepreneurship. In today's fast-paced digital world, CSE is one of the most dynamic and influential fields, shaping innovations that impact every aspect of our lives. Some of the most exciting contemporary areas in CSE include **Artificial Intelligence (AI)** and **Machine Learning (ML)**, which are revolutionizing industries by enabling smart automation, predictive analytics, and intelligent decision-making.



Guest lecture by Prof. TV Vijaykumar and Prof. Anilkumar Singh

Cybersecurity has gained prominence as businesses and individuals increasingly rely on digital platforms, making data protection a top priority. Cloud Computing is reshaping IT infrastructure, allowing businesses to store, manage, and process vast amounts of data efficiently.



**Blockchain technology**, initially popularized by cryptocurrencies, is now being applied in finance, supply chain management, and secure digital transactions. **The Internet of Things (IoT)** is connecting smart devices, enhancing automation in healthcare, agriculture, and smart cities. Emerging fields like **Quantum Computing** promise to solve complex computational problems at unprecedented speeds.

The professors emphasised that with these advancements, the **job market** for CSE professionals is thriving. Careers in **software development**, **AI and data science**, **cloud engineering**, **cybersecurity**, and **blockchain development** are in high demand. Top global companies like Google, Microsoft, and Amazon, as well as startups, are constantly seeking skilled professionals.

Moreover, they added that **entrepreneurship in CSE** offers immense potential. Tech startups can develop AI-driven solutions, fintech applications, and cybersecurity platforms with relatively low investment. Many billion-dollar companies, including Facebook, Paytm, and Zomato, started as small tech startups, proving that innovation can lead to global success.

The insightful programme concluded with the note that CSE is not just a field of study but a **gateway to endless possibilities**. Whether as a professional or an entrepreneur, this domain offers a chance to shape the **future of technology**.



## Director, IIIT Manipur called on Raj Bhavan, Imphal

Prof. Krishnan Baskar, Director of the Indian Institute of Information Technology (IIIT) Manipur, called on the Hon'ble Governor of Manipur at Raj Bhavan, Imphal, on August 13, 2024. During the meeting, Prof. Baskar appraised the Governor of the institute's ongoing activities, achievements, and future plans. He also extended a formal invitation to the Governor to inaugurate the newly constructed Hostel Buildings at the IIIT Manipur campus.



Director of IIITM presenting memento to Governor of Manipur

Prof. Baskar briefed the Hon'ble Governor on the significant developments at IIIT Manipur, including:

- Academic Advancements – Expansion of programs in artificial intelligence, cybersecurity, and data science, along with innovative curriculum updates.
- Research & Industry Collaborations – Partnerships with leading national and international institutions to enhance research opportunities.
- Student & Faculty Growth – Increase in student enrollment, faculty recruitment, and participation in global academic forums.

A key agenda of the meeting was the invitation extended to the Hon'ble Governor of Manipur to inaugurate the newly constructed hostel buildings at IIIT Manipur. These hostels are designed to enhance student living conditions by providing a comfortable, modern, and well-equipped residential environment.

Prof. Baskar emphasized that the new infrastructure would greatly benefit students, fostering a better learning atmosphere and holistic development. The Governor appreciated the efforts of IIIT Manipur in enhancing student welfare and academic excellence and assured support for the institute's future endeavors.

The meeting reaffirmed the strong collaboration between IIIT Manipur and the Government of Manipur. The Hon'ble Governor acknowledged the institute's contributions to higher education and technical advancements in the state and encouraged further initiatives to promote research, innovation, and skill



Director meeting with Governor of Manipur at Raj Bhavan, Imphal



## Induction Program for B.Tech 2024 batch

The Indian Institute of Information Technology (IIIT), Manipur, successfully conducted its *Induction Program* for the fresher batch of 2024-28 from August 26 to August 31, 2024. The program aimed to familiarize new students with the institute's academic environment, values, and opportunities, ensuring a smooth transition into college life.

Various distinguished dignitaries were invited to address and interact with the students, providing them with invaluable insights into higher education, career prospects, and personal growth. The event featured motivational talks, faculty interactions, orientation sessions, and campus tours to help students integrate into the institute's academic culture.

### Highlights of the Induction Program:

- Inaugural Address by the Director – Welcoming the new batch and sharing the institute's vision and expectations.
- Guest Lectures by Eminent Personalities – Featuring speakers from academia, industry, and government sectors to inspire students.
- Academic Orientation Sessions – Introducing the curriculum, research opportunities, and various academic resources available.
- Workshops and Skill Development Programs – Covering technical skills, teamwork, and problem-solving approaches.
- Student Interaction Activities – Ice-breaking sessions, group discussions, and networking opportunities.
- Campus and Facility Tour – Ensuring students are well-acquainted with the institute's infrastructure and resources.

Prof. Krishnan Baskar, Director of IIIT Manipur, emphasized the importance of holistic learning and encouraged students to engage actively in academics, research, and extracurricular activities. He highlighted the significance of innovation and collaboration in shaping future technologists and leaders.

The faculty and senior students played a crucial role in guiding the freshers throughout the induction week, ensuring they felt welcomed and supported. The program successfully set a strong foundation for the new batch, fostering enthusiasm and motivation among the students.

With the conclusion of the Induction Program, the fresher batch of 2024-28 is now well-prepared to embark on their academic journey at IIIT Manipur, with renewed confidence and a clear sense of direction.



Director giving inaugural address and various guest lectures by eminent personalities

## Meeting to prepare next Five Years' Plan of IIIT Manipur

The Indian Institute of Information Technology (IIIT) Senapati, Manipur, convened a significant meeting to formulate its *Five Years' Plan*, focusing on institutional growth, academic excellence, and infrastructural development. The meeting was chaired by Prof. Thirumalachari Ramasami, Former Secretary, Department of Science & Technology, Director of IIIT Manipur Prof. Krishnan Baskar , and the former Interim Director of IIIT Manipur, Prof. A K Das.

The committee engaged in comprehensive discussions, outlining strategies for enhancing research output, improving faculty recruitment, and strengthening industry collaborations. A crucial aspect of the meeting was the interaction with faculty members, where their insights and recommendations were

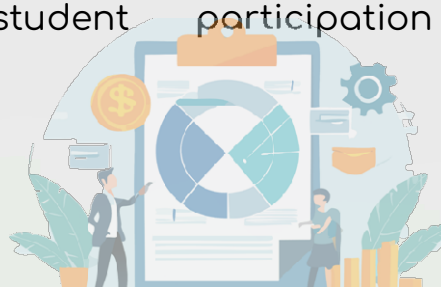


Discussion on Five Year's plan of IIIT Manipur

considered for shaping the future trajectory of the institute.

Key focus areas of the Five Years' Plan include:

- Curriculum Development – Upgrading academic programs to align with industry trends and emerging technologies.
- Research & Innovation – Strengthening research initiatives, encouraging faculty and student participation in groundbreaking projects.





- **Infrastructure Expansion** – Enhancing campus facilities, laboratories, and digital resources for better learning experiences
- **Industry Partnerships** – Establishing collaborations with leading technology firms and research institutions.
- **Student Development** – Implementing programs to nurture technical skills, entrepreneurship, and global competencies.

Prof. Ramasami emphasized the importance of long-term planning in fostering academic excellence and innovation. He urged faculty members to contribute actively to the institute's vision and encouraged a collaborative approach towards achieving institutional goals.

The discussions culminated in a strategic roadmap that will guide IIIT Manipur, towards becoming a premier institute in the field of information technology and scientific research. The meeting was a significant step in ensuring the continued growth and success of the institute, aligning with national educational and technological objectives.



Ongoing construction of new campus

## B.Tech 2024 batch explored different locations across Imphal

As part of their orientation program, the new students of the 2024 batch at the Indian Institute of Information Technology (IIIT) Manipur were taken on an educational trip to explore the rich and ancient history of the state. The trip was designed to provide the students with a deeper understanding of the region's cultural heritage and historical significance.

The students visited several historical sites and museums, where they learned about the ancient kingdoms that once thrived in the area, the various dynasties that ruled over Manipur, and the significant events that shaped its history. They were also introduced to the unique art, architecture, and traditions of the region.

IIIT Manipur's 2024 batch explored the state's heritage during orientation. They visited the historic Kangla Fort, learning about its royal past, and the sacred Sanamahi Temple, understanding local beliefs. A mountain trek provided scenic views and fostered camaraderie. The trip immersed students in Manipur's history, culture, and natural beauty, creating a strong foundation for their academic journey. The 2024 batch explored the scenic Cheirao Ching hills during their orientation program. The trek offered breathtaking views and a chance for students to connect with nature and build camaraderie, adding an adventurous element to their introduction to the institute and the region.



Kangla Museum



Cheirao Ching



Throughout the day, students not only bonded with their peers but also developed a profound appreciation for Imphal's cultural and historical landscape. Such experiences are instrumental in broadening their perspectives and fostering a deeper connection to the community they will be part of during their academic journey.

The induction program successfully blended educational enrichment with cultural immersion, setting a positive tone for the students' tenure at IIIT Manipur.



Students exploring Kangla fort and Cheirao-ching as a part of Induction programme

# ARTICLE OF THE QUARTER

## “Race for unity”: Heikru Hidongba festival

-Leima Apokpom Shemita Devi(240102051)

The Heikru Hidongba (Manipur boat racing festival) is a socio-religious ceremony that is celebrated every year in Manipur on the 11th day of Meitei calendar month Langban, which is usually in September. This festival is celebrated at the moat of the Sagolband Bijoy Govinda Leikai with elements of religious, custom and other traditional belief of creation. It is performed to bring peace and prosperity to the community which was started during the reign of Maharaja Irengba in 984 A.D. With the passage of time and through the reign of several kings, many changes took place in religious life of the Meiteis including spread of Hinduism.

There is a historical background to the moat of Bijoy Govinda. It was once known as “Tubi Irel”. Once Meidingu Nongpok Leirikhomba was in the jail of King of Moirang, in fetters from where he was freed by the plans of the daughter of Khelei Nunngang Telheiba. Too happy at that, the moat was named as Moirang Leima Thangapat.



Glimpses of Heikru Hidongba festival

During this ceremony, a twin boat is sanctioned by the presence of the deity amidst chanting of Sankirtana and music. Tengmaileppa (who takes care of the boat), Hinao Shaba (who steers the boat), Chang Shaba (who look after Tengmaileppa), Nourungba (who takes care of leakage of water inside boat, etc.)



and Naomang Shaba (who helps steer the boat) are the main participants of the race who will put on Ningkham and Shamjim, traditional components of the formal dress of such festivities. Along with this the King will be present along with the Vishnu. In keeping with customary tradition, one day before the festival of Heikru Hidongba the King and the Vishnu are offered ritual invitation. In the evening, boat race practise is done.

The leaders of the boat race (Tengmaileppa), in the early morning of the Heikru Hidongba festival with flakes of silver and gold put in anganthak tengnou shaba (well shaped earthen receptacle) will be offered to Bijoy Govinda. A garland of 108 Heikru (Amla) interspersed with the stem of Hup (a wild grass) and another garland of 108 rice which the peeling is done by hand will be first offered to Bijoy Govinda and afterwards placed at the hull of the boat. Before the boat race starts Bijoy Govinda will have the pleasure of the panoramic scene. The two leaders of the boat (Tengmaileppa) after due to offerings to God will start the race.

The festival is a symbol of unity that signifies the struggles of forefathers for the nation's peace and freedom. Every individual is therefore to know that this ceremony is based on historical truth that our forefathers sacrificed and put their greatest efforts for the upcoming future generations.

We, as a children of the nation need to safeguard such festivals and remain rooted to our historical culture and traditions so that the glory of our noble hearted forefathers remain forever in history.

Therefore, we should move onward with the Lord embedded in our heart and follow the footprints of our ancestors in our life journey.



# ACHIEVEMENTS

## Publications

**Dr. Ngasepam Monica Devi :**

Salam Surjit Singh, Ayangla Jamir, Bendangchila Longkumer, Ngasepam Monica Devi, Biraj Shougaijam, and Naorem Khelchand Singh. "Fabrication of Cu<sub>2</sub>O nanorod using glancing angle deposition technique for photodetector application." Applied Physics A 130, no. 11 (2024): 837.

## Paper presentation

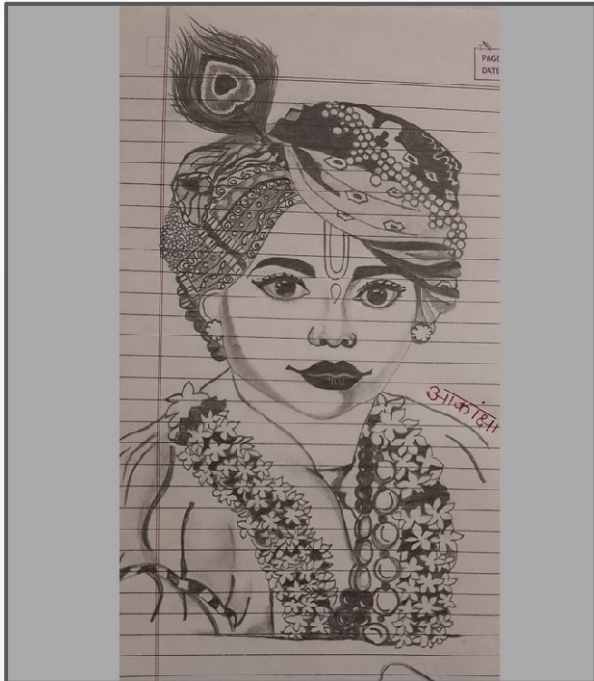
**Dr. Pragnya Das :**

Pragnya Das, Elisa Palezzato and Simona Settepanella Title: The generalized Sylvester's and orchard problems via discriminantal arrangement Name of the Journal: Innovations in Incidence Geometry: Algebraic, Topological and Combinatorial Volume: 21-1 (2024), Page number: 117--130. Month, Year: July 2024



# STUDENT'S CORNER

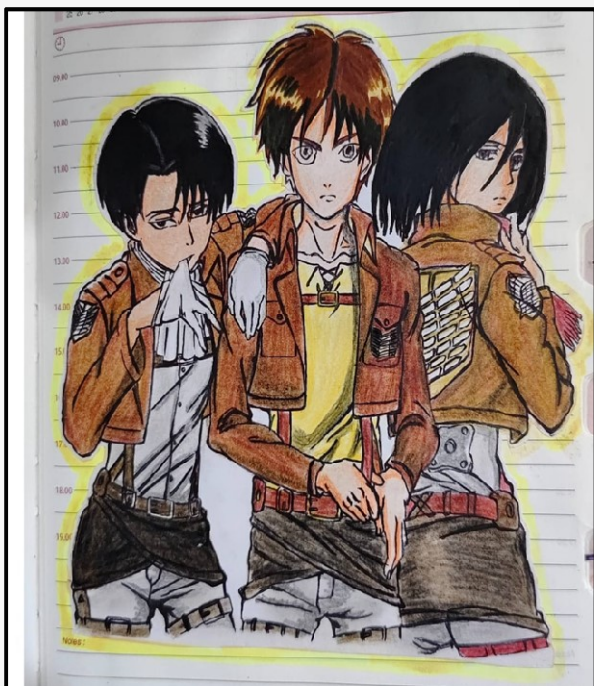
## Paintings And Sketches



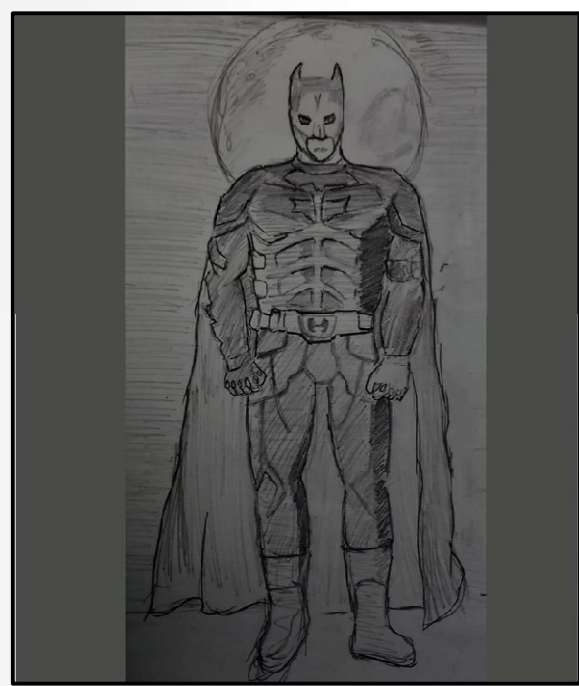
Akanksha Maurya(240102010)



Nishant Singh(240102070)



Jitesh(240102020)



Dhruv  
Tondon(240102013)



# Poetry

## The World Knows it Well

When the sun is effulgent  
It wants cold and snow  
Only wants to grow  
When its dreams come slow  
When the life haples  
It becomes lugubrious  
The World knows it well  
It needs the light  
When it's too dim & low in sight  
It only hates the road  
When it's missing home  
The world knows it well  
It's looking for some heyday  
Unwitting it's own home only gonna exist for  
doomsday  
Everything in the nature it touches surely dies  
Nothing left and no cries  
It loves her  
Only when it let her go  
The world knows it well  
It's always been on high  
Until it doesn't get time to sigh  
And feeling low and ill  
The world knows it well  
At least for contentment ,  
It's not gonna be ever in the hell  
It might sometimes fail.  
Still, tries to explore the universe  
Saying for mankind sake  
But doesn't ever get over it's true sapience track  
The world knows it well  
It's trying the boat to sail,  
Not always need to be on the trail.

**Ratnesh Kumar, Roll no. 240102054**

*The days pass by as I grow old.  
People come and go as heart  
shifts.*

*Merry were those days we used to  
be young*

*Playing around , unaware of the  
approaching future.*

*But the wind of change brought  
another leap of stage,  
where people only meant  
businesses and I longed for care.*

*As the glimpses of the past faded  
away, I learned the hard way that  
life is a fickle game of dilemma .*

*And I also started fine tuning in  
the ruthless swamp of endless  
affliction.*

*~Shenita (Roll no. 240102051)*

मेरा हो जाना...

मुझ समंदर की गहराई में है छुपी तेरी खामोशिया  
मैं ठहरा हू आज तेरे लिए, मैं ठहरूंगा कल तेरे लिए  
उठे जो कभी लहर तो तू किनारा हो जाना  
मैं हू बस तेरा, तू मेरा हो जाना

है आज रात अंधेरी, हो भले कितनी भी घनेरी  
मैं देखूंगा आसमान पलकों में तेरे खाब लिए  
कभी तू चांद तो कभी तू सितारा हो जाना  
मैं हू बस तेरा, तू मेरा हो जाना

हरदम रहना दिल से कभी ना फासला देना  
एक पल के लिए भी तू ना मुझे आजमाना  
मेरे दिल की बनकर धड़कन तू सहारा हो जाना  
मैं हू बस तेरा, तू मेरा हो जाना

मैं तुझे सुनता रहूंगा, तेरी हर बात राहत भरी हो  
मौसम हो सर्द भरे, जुल्फों से बढ़ती हवाएं हो  
मेरा इश्क छाया रहे ऐसा तू कोहरा हो जाना  
मैं हू बस तेरा, तू मेरा हो जाना

तू ही दुनिया मेरी, मेरी हर राहें तुझ तक होगी  
सिमट आना मुझमें, मेरी बांहें तुझ तक होगी  
बनकर मेरी मंजिल तू बसेरा हो जाना  
मैं हू बस तेरा तू मेरा हो जाना

~अशोक Ashok (Roll no. 240102009)



### 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 IITs which is a group of interdisciplinary technology-based engineering research institutions in India. The institute was established in 2013 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 Maringpukher, 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, hostel, 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
- Natural Language Processing
- Speech Processing
- Artificial Intelligence/ML
- Digital Forensics
- "IoT"
- Social Media Analysis
- Human Computer Interaction
- Hyperpersonal Image Processing
- Cyber Security

#### Electronics and Communication Engineering

- VLSI & Embedded Systems
- Signal Processing
- MEMS & MicroRobotics
- Wireless Communications
- RF & Microwave
- 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 specialisation are admitted through advertisement in institute website from time to time.

### Contact Us

Address: Maringpukher, Imphal-795003, Manipur, India  
Website: [www.iiitmmanipur.ac.in](http://www.iiitmmanipur.ac.in)  
Director: [director@iiitmmanipur.ac.in](mailto:director@iiitmmanipur.ac.in)  
Academic Enquiry: [academic@iiitmmanipur.ac.in](mailto:academic@iiitmmanipur.ac.in)  
Admission: [admission@iiitmmanipur.ac.in](mailto:admission@iiitmmanipur.ac.in)

### Ongoing/Completed Funded Projects

"Multi-domain text-to-text machine translation system in synchrony with speech convertor to facilitate bidirectional translation."; Amount: 2.4352 Crore; PI: Dr. N. Kishorji Singh; Funding Agency/ Collaborator: Ministry of Electronic and Information Technology (MEITY), Govt. of India

"Prototype Development of Self-biased High-power Circular for Particle Accelerator"; Amount: INR 33 lakhs; PI: Dr. Subash Bosh; Funding Agency/ Collaborator: Board of Research in Nuclear Science (BIRNS)-DAE.

"A Prototype of Auto-navigating E-Cart using Multispectral Imaging"; Amount: INR 40 lakhs; PI: Dr. N. Kishorji Singh; Co-PI: Dr. Kabita Tharorjiam; 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. Kishorji Singh; Funding Agency/ Collaborator: SERB (Department of Science and Technology) Govt of India



**" IIIT- Senapati Manipur will Serve as a background for the entire North-East. "**

-Shri Narendra Modi  
(Hon'ble Prime Minister of Bharat)

**INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, MANIPUR**  
An Institute of National Importance by Act of Parliament, Govt. of India