MACET MYSTICA

MAULANA AZAD COLLEGE OF ENGINEERING & TECHNOLOGY

MONTHLY E-NEWSLETTER

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EDITORIAL

As technology evolves at an unprecedented pace, we are reminded that learning never stops. Exams are just around the corner, and we know how overwhelming it can feel. The pressure to perform, and the fear of the unknown can make even the most confident students anxious. But remember—exams are not just a test of your knowledge, they are a test of your perseverance, discipline, and ability to rise to the challenge and it's time to step up. Those tough problem sets, tricky equations, and late-night study sessions. They're all part of your journey to becoming an outstanding engineer. Exams are your chance to show the world what you've got.

Engineering projects succeed with careful planning, and so will your exam preparation. Start by mapping out your study terrain. Assign priorities based on weightage and your comfort level, but don't shy away from weaker areas.

Engineering problems demand a sharp mind, and your brain is your most critical asset. Exams aren't just a test of your technical knowledge; they're a proving ground for the problem-solver, innovator, and future engineer within you. You have to tackle your exams with confidence, purpose, and a mindset tailored to the unique demands of engineering. "Remember, success isn't just about the destination—it's about the growth that happens along the way."

So take a deep breath, believe in yourself, and give it your best shot. All the best!

EDITOR
SAIMA FARZEEN
Assistant Professor
Mechanical Department

EDITORIAL

FROM THE DESK OF TPO

Dear Students

Maulana Azad College of Engineering & Technology Patna has an impeccable track record of achieving good placements year on year. The Best company visit the campus every year.

To uphold this tradition, we at MACET constantly upgrade our curriculum and pedagogy to keep abreast of the changing needs.

Following are some of the capability builders in addition to syllabus being taught to focus on students acting the campus drives.

Md. Nadeem Enam
Training & Placement Officer (TPO)
MACET, PATNA

- Language Lab, IT Lab to prepare students for various selection rounds.

- Faculty supervised Internships leading to placement offers.

- Special class for Aptitude Test Formats, grooming for corporate etiquette and dressing.

- Corporate relevant Certification courses.

- Assessment through Mock Interviews.

- Dedicated team for the Counselling and Training of students.

- Industry relevant/ role specific guidance from practicing Teachers.

- Alumni support in Corporate hand-holding.

Wishing you all a very exciting, innovative, and vibrant experience with MACET.

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Placement

LIST OF SELECTED STUDENTS THROUGH TRAINING & PLACEMENT CELL, MACET PATNA DURING DECEMBER-2024 TO MAY-2025

Sl. No.	Name	Batch	Branch	Company Name
1	Saquib Hussain	2021	CE	Ecospace Infrastructure Pvt. Ltd.
2	Anzarul Haque	2021	CE	Ecospace Infrastructure Pvt. Ltd.
3	Kaenat Afzal	2021	CSE	Academor Edutech
4	Md Shahzeb	2021	CSE	Academor Edutech
5	Ilsha Hasan	2021	CSE	Academor Edutech
6	Aliya Amjad	2021	CSE	Academor Edutech
7	Ayesha Naaz	2021	EEE	Academor Edutech
8	Zeeshan Shakeel Anwar	2021	EEE	Academor Edutech
9	Aquib Sheikh	2021	CE	Academor Edutech
10	Zaara Tahreem	2021	CSE	Academor Edutech
11	Md Arzan Nawaz	2021	CSE	Academor Edutech
12	Rishav Kumar	2021	EEE	Academor Edutech
13	Md Tamsil Hashmi	2021	CSE	Academor Edutech
14	Md Sohail Ansari	2021	EEE	Academor Edutech
15	Inzamam ul Haque	2021	CSE	Academor Edutech
16	Syed Asad Rahman	2021	CE	Academor Edutech
17	Md Azam Alam	2021	CSE	Academor Edutech
18	Irfan Ahmad	2021	CE	Academor Edutech
19	Syed Waleed Rizvi	2021	CSE	Academor Edutech
20	Ashfi Raza	2021	CE	Academor Edutech
21	Fowaz Asfandyar	2021	EEE	Academor Edutech
22	Md. Shahbaz Anwer	2021	ME	Academor Edutech
23	Md. Shaz Anjum	2021	CSE	Convene India
24	Md. Umar Farooq	2020	CSE	Convene India
25	Samam Azam	2019	CSE	Autocal Solution Pvt. Ltd.
26	Ayub Khan	2020	ME	Snovac systems pvt. Ltd.

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27	Md. Atif Alam	2020	ME	Snovac systems pvt. Ltd.
28	Saba Karim	2021	ME	Jagdamba Auto Component
29	Sajar Alam Khan	2021	ME	Jagdamba Auto Component
30	Md. Shahbaz Alam	2021	ME	Jagdamba Auto Component
31	Md. Shahzeb	2021	CSE	Global Quest Technologies
32	Kaenat Afzal	2021	CSE	Global Quest Technologies
33	Aliya Amjad	2021	CSE	Global Quest Technologies
34	S.S. Faizanur Rahman	2020	EEE	SBI LIFE
35	Md. Nayeem	2020 (LE)	CSE	SBI LIFE
36	Md. Ibran Alam	2020	CSE	Autocal Solution Pvt. Ltd.
37	Shahbaz Alam	2021	ME	Marque Impex
38	Ovais Pervez	2021	ME	Marque Impex
39	Umar Ahmad	2018	ME	Marque Impex
40	Kaenat Afzal	2021	CSE	Qspider
41	Md. Ehtesham Mazhar	2021	CSE	Qspider
42	Md. Arzan Nawaz	2021	CSE	Qspider
43	Md. Azam Alam	2021	CSE	Qspider
44	Inzamam ul Haque	2021	CSE	Qspider
45	Shahudul Haque Faraz	2021	EEE	Qspider
46	Md. Haris	2021	CE	Qspider
47	Syed Zaid Hasan	2021	CSE	Qspider
48	Ilsha Hasan	2021	CSE	Qspider
49	Md Sohail Ansari	2021	EEE	Dhoot Transmission
50	Md. Murshid Alam	2021	ME	Dhoot Transmission
51	Asad Ismail	2021	EEE	Dhoot Transmission
52	Md. Asif Hussain	2021	ME	Dhoot Transmission

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53	Hamid Raza	2021	EEE	Dhoot Transmission
54	Ali Ahmad	2021	EEE	Dhoot Transmission
55	Nawazish Karim	2021	EEE	Dhoot Transmission
56	Md. Azam Iqbal	2021	ME	Dhoot Transmission
57	Ovais Pervez	2021	ME	Dhoot Transmission
58	Homaira Razeeque	2021	EEE	Dhoot Transmission
59	Md. Sadikh Imam	2021	EEE	Dhoot Transmission
60	Iqubal Ahmad Khan	2021	EEE	Dhoot Transmission
61	Sajar Alam Khan	2021	ME	Dhoot Transmission
62	Saba Karim	2021	ME	Dhoot Transmission
63	Syed Zaid Hasan	2021	CSE	INA Solutions
64	Aman Shabbir	2020	CE	Ambuja Cement Ltd.
65	Md. Munna Alam	2019	CE	Ambuja Cement Ltd.
66	Md. Asif Hussain	2021	ME	Rinex Technologies
67	Md. Haris	2021	CE	Rinex Technologies
68	Ahsan Raza	2021	CE	Rinex Technologies
69	Mohammad Zeeshan Abul	2021	EEE	Rinex Technologies
70	Saniyea Zehra	2021	CSE	Rinex Technologies
71	Simab Jawed	2021	CSE	Wayspire Ed Tech Pvt. Ltd.
72	Saniyea Zehra	2021	CSE	Wayspire Ed Tech Pvt. Ltd.
73	Rishav Kumar	2021	EEE	Mintways Technologies
74	Md Ehtesham Mazhar	2021	CSE	Mintways Technologies
75	Md. Arzan Nawaz	2021	CSE	Mintways Technologies
76	Azam Alam	2021	CSE	Mintways Technologies
77	Abdullah Faridi	2021	CSE	Mintways Technologies
78	Iqubal Ahmad Khan	2021	EEE	Brigs Espro Pvt. Ltd.
79	Zeeshan Shakeel Anwar	2021	EEE	Dhoot Transmission
80	Akif Ali	2021	EEE	Dhoot Transmission
81	Fowaz Asfandyar	2021	EEE	Dhoot Transmission
82	Vikash Kumar	2021	EEE	Dhoot Transmission

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Faculty Corner

A Report on Visit to C.V. Raman Global University, Odisha

Md. Nadeem Enam | TPO, MACET

Participants:

Prof. (Dr.) Asim Kumar, Director, MACET

Prof. (Dr.) Md. Masood Ahmad, Dean Academic, MACET]

Mr. Md. Nadeem Enam, Training & Placement Officer, MACET

The primary objective of the visit to CGU, Odisha was to participate in a Symposium "Empowering Youth: Skilling in Advanced Manufacturing" held on 17th of May 2025 (Saturday), 10.30 AM at the campus of the host institution.

The event aimed at fostering academic collaboration, knowledge sharing, and exploring contemporary developments in empowering the youth. Various reputed Diploma and Engineering colleges from Odisha, West Bengal, Bihar, Jharkhand, and Andhra Pradesh, along with a distinguished gathering of Vice-Chancellors, Principals, Directors, Deans, Training & Placement Officers participated in the event. The event was enriched by the presence of eminent dignitaries including -- Dr. N H Siddhalinga Swamy- Advisor, Scholarship & Grants Bureau (AICTE) as Chief Guest, Shri Sudhakar Gudipati Vice President-CSR of Bajaj Auto Ltd. & Shri Hiranmay Mahanta- CEO, iHub, Govt. of Gujarat & Member, Bog-CGU as Guest(s) of Honor, Founder & President of CGU Shri Sanjib Kumar Rout & Vice Chancellor- CGU Prof (Dr) Banshidhar Majhi.

The symposium commenced with the National Anthem, followed by a welcome address from Hon'ble Vice Chancellor- CGU Prof (Dr) Banshidhar Majhi emphasizing the vital role of skill development in shaping India's youth. The keynote address by Shri Sudhakar Gudipati further highlighted the Bajaj Engineering Skills Training (BEST) program as a transformative platform to provide industry-relevant skills, backed by Bajaj Auto's CSR commitment to create equitable opportunities for aspiring talent across the country.

Faculty Corner

Faculty Development Programs (FDP)

Mechanical Department

Successfully completed Faculty Development Program on "AI Mastery for Educators" conducted from 15th May to 7th June 2025 by Vishlesan i - HUB, IIT, Patna.

- **Ms. Saima Farzeen**

Civil Engineering Department

Successfully completed 5 days National level Online Teachers Training Program on "Leadership and Professional Growth for Teachers" conducted from 21st April to 25th April 2025 by Association of Muslim Professionals in collaboration with Maulana Azad University, Jodhpur, Rajasthan.

- **Mr. MD SARAFRAZ AKHTER**

Computer Science & Engineering Department

Successfully completed one week Faculty Development Program conducted by RFI on "Aspects of ICT tools and online teaching in current scenario" from 13/06/25 - 20/06/25

- **Mr. Amit Kumar**

Paper Publication titled "**Ethics in Artificial Intelligence: Challenges and Frameworks for Responsible Development**" from "**International Journal of Scientific Research in Engineering & Management (IJSREM)**" Journal on Volume 09 Issue 05 May, 2025

- **Faiz Ahmad**
- **Dr. Shabbir Hasan**
- **Md. Farooque**
- **Hasibul Hasan Mansoori**

Paper Publication titled "**An Evaluation of the Role of Artificial Intellingence in Financial Forecasting**" from "**International Journal of Scientific Research in Engineering & Management (IJSREM)**" Journal on Volume 09 Issue 05 May, 2025

- **Hasibul Hasan Mansoori**
- **Dr. Md. Sadruddin Ahmad**
- **Faiz Ahmad**

Faculty Corner

Faculty Development Program (FDP)

Electrical and Electronics Engineering Department

Certificate of coordination is awarded for the active coordination during the webinar on industrial automation (PLC & SCADA) on May 15th,2025.

- **Mr. Md. Nadeem Enam**

Mr. Md. Raza

- Successfully completed One week faculty development program on Entrepreneurship Development organized by NITTTR Kolkata from 19th to 23rd May, 2025.
- Successfully completed the one day webinar on Industrial Automation (PLC & SCADA) Organized by Academy of skill development.

Successfully completed the one day webinar on Industrial Automation (PLC & SCADA) Organized by Academy of skill development

- **Mrs. Aaisha Tasneem**

Successfully completed the 5-days National level online teachers training program on "Pedagogical Integration of Physics, Chemistry, Mathematics, Biology and English" organized by Association of Muslim Professionals from 26th May to 30th May, 2025

- Mr.Vinod Kumar
- Mr. MD.Raza
- Md. Nadeem Anwar
- Md. Zikrullah
- Mr. Lal Babu Singh

Science & Humanities Department

Successfully completed the 5-days National level online teachers training program on "Pedagogical Integration of Physics, Chemistry, Mathematics, Biology and English" organized by Association of Muslim Professionals from 26th May to 30th May, 2025

- Dr. Motiur Rahman Ansari
- Dr. Sana Firdos Khan

Students Corner

HACKIT HACKATHON REPORT

Organized by: Amity School of Engineering & Technology
Hosted at: Amity University, Patna
Initiative by: AIKYAM

🚀 HackIT Hackathon: A Journey Beyond Code!

Participating in a hackathon is one of the most thrilling and enriching experiences for any tech enthusiast — and we recently got a taste of that excitement at HackIT 2025, hosted by Amity University, Patna. Representing our college, I had the privilege of leading our team ERROR alongside my brilliant teammates Md Alkama, Shivangi Gupta, and Md Al Fahad Ahmad.

HackIT wasn't just a coding competition — it was a battlefield of ideas, innovation, and collaboration. The event challenged us to develop real-world solutions in a short span of time, and our team was determined to rise to the occasion.

💡 The Vision – Ment-Connect

After intense brainstorming, we decided to build Ment-Connect, a platform designed to solve a common yet overlooked problem — the lack of structured mentorship for students. As the team lead, I helped coordinate the idea, delegate tasks, and bring our collective vision to life.

Ment-Connect aims to bridge the gap between students and mentors, providing the tools to connect, communicate, and grow together.

✨ Key Features of Ment-Connect:

Live Chat System – For smooth and ongoing mentor-mentee communication.

Goal & Progress Tracker – So students can set and follow up on their learning goals.

Smart Mentor Matching – Using interest-based filters to match students with the right mentors.

Our project focused on personal development, mentorship, and meaningful guidance — something we believe can create real impact in the academic world.

Students Corner

HACKIT HACKATHON REPORT

🔥 **The Two-Day Hackathon Experience**

🏆 **Day 1:**

We pitched our idea to a panel of judges and were excited to be selected among the Top 3 teams. It was a moment of validation and a strong motivation to push even harder.

💻 **Day 2:**

The second day was a test of speed, focus, and collaboration. From back-end logic to front-end UI, we completed our MVP (Minimum Viable Product) under time pressure. Despite the intense competition, we proudly secured 4th place overall — a result that made us proud of the journey and effort.

🌱 **Lessons Beyond the Code**

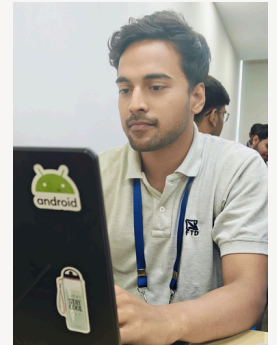What we gained from HackIT goes beyond rankings and presentations. The hackathon taught us:

The importance of teamwork and trusting each other's strengths.

How to think critically and pivot quickly when challenges arise.

The value of managing time under pressure while still delivering quality.

The power of communication and leadership, especially when working in a fast-paced, competitive setting.

Personally, as the team lead, this experience sharpened my skills in coordination, responsibility, and leadership — things you rarely get to learn in a classroom.

We also got the opportunity to interact with passionate developers and mentors from across the region, exchanging ideas, building connections, and broadening our horizons.

🙏 A Note of Gratitude

I extend my heartfelt thanks to Amity University Patna for hosting such a vibrant and impactful hackathon. Events like these fuel innovation and give students like us a platform to turn ideas into action.

To my teammates — Md Alkama, Shivangi Gupta, and Md Al Fahad Ahmad — thank you for your unwavering energy and commitment. It was an honor to lead such a dedicated team.

🚀 Looking Ahead

HackIT 2025 was more than just a competition — it was a transformative experience. It reminded us that success isn't just about the outcome, but about how much we learn and grow through the process.

We're excited for what lies ahead and can't wait to participate in more such events. This was just the beginning of many more hackathons to come!

Md. Zaid Khan

Team Lead, Team ERROR

Students Corner

The Violence of Comfort: Reflections on the Modern Addiction to Ease

Faraaz Ahmad | CSE | 2023

In a time of unparalleled technological advancement and material prosperity, modern man is not faced with a survival crisis, but with a meaning crisis. While comfort has ever been the aspiration of progress, its excess can, ironically, be an issue of mental and spiritual brutality. Excessive comfort erases the very human capacity to struggle, to think, and to become, this essay argues. Philosophers in all traditions have warned against the soul-deadening effects of too much comfort. Nietzsche, in "Thus Spoke Zarathustra", warned against the "last man" a being who values comfort over greatness, security over risk, and distraction over reflection.

The problem is not with comfort but with decontextualized worship. Modern obsession with frictionless life characterized by on-demand services, algorithmic entertainment, and pervasive connectivity; has disconnected man from the formative value of adversity. On a philosophical level, this is a metaphysical amnesia: the forgetting of man's deeper sense of purpose beyond consumption and convenience.

Also, comfort fosters a false neutrality. It mollifies urgency. It dissuades moral risk. One does not think hard when constantly entertained, nor acts morally when numbed by constant ease. The existentialist concern with authenticity, foretold in the work of Kierkegaard and Camus, becomes anew an imperative here: to live authentically is to resist the burden of passive comfort.

What we need is not the relinquishment of ease but the redirecting. Comfort must be a mosque, not a resting place. Development is shallow in the absence of friction; goodness is theoretical without adversity. Man's highest potential moral, intellectual, and spiritual is awakened not by softness but by tension, reflection, and resolve.

That is, the soul does not thrive in peace, but in conflict. To accept this is not to sentimentalize misery, but to accord dignity to the path of meaningful life.
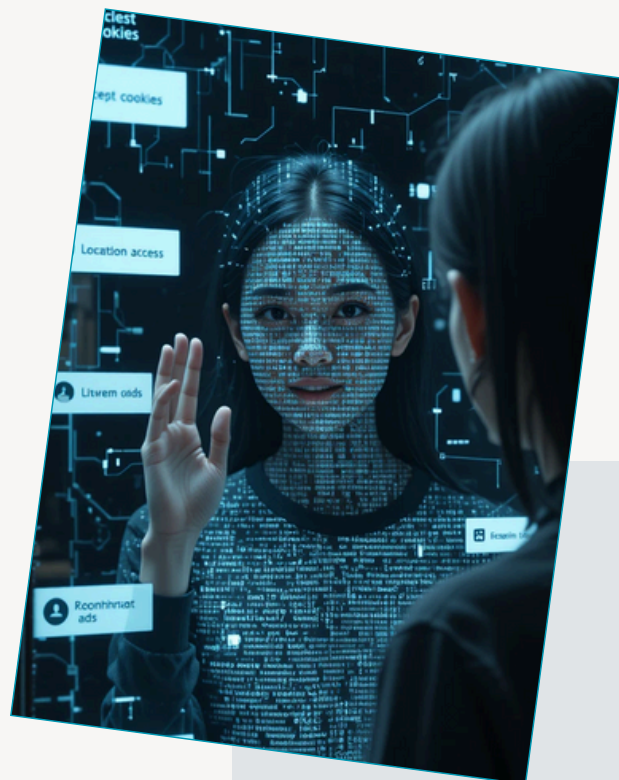
The Internet of Behaviors: Are We Being Programmed?

Sana Azad| CSE | 2022

In today's hyper-connected world, every action we take online—every click, like, scroll, and share—feeds into a vast network of behavioral data, a phenomenon known as the Internet of Behaviors (IoB). This concept refers to the tracking, collection, and analysis of behavioral patterns using data from smart devices, apps, social media, and even facial recognition and wearable tech. The goal? To better understand, predict, and influence human behavior. Businesses use IoB to personalize advertisements, social media platforms curate content to boost engagement, and governments can leverage it to encourage public safety and health compliance.

But this leads to a critical question: Are we being programmed? In many ways, yes. Sophisticated algorithms silently analyze our preferences and patterns, using that information to subtly shape our choices—from what products we purchase to what news we consume. This often results in "behavioral bubbles," where we are repeatedly exposed to the same types of content, reinforcing our existing beliefs while filtering out alternative perspectives.

Although IoB brings numerous advantages—like tailored services, smarter healthcare, and improved customer experiences—it also presents serious ethical challenges. When does helpful personalization cross the line into manipulation? Who decides what content we see, and what is hidden?

To maintain autonomy in this digital ecosystem, we must develop digital awareness. Understanding how our data is used, demanding transparency from tech companies, and critically evaluating online content are essential steps.

So, the next time you scroll—ask yourself: Are you making choices, or are choices being made for you?

An Innovative Tool, Google's AI FLOW

Meraj Mobashir| CSE | 2022

At google I/O 2025, Google introduced Flow, a groundbreaking AI-driven tool designed to transform how videos are made. By combining its most advanced models—Veo 3, Imagen 4, and Gemini—Flow aims to make high-quality, cinematic video creation more accessible than ever.

What Is Flow? Flow is a creative platform that lets users generate cinematic video clips simply by using text or image prompts. It brings together three powerful technologies:

- Veo 3: Google's newest text-to-video model that can produce stunning 1080p videos complete with dialogue, music, and sound effects.
- Imagen 4: An advanced image generation tool that boosts visual quality, textures, and overall style.

Gemini: A multimodal AI that understands the nuance of prompts to help shape the tone, pacing, and story of the video.

Together, these models allow creators to produce cohesive narratives with consistent characters and scenes—all with minimal input.

Alongside Flow, Google also launched Flow TV—a free, always-on streaming platform featuring AI-generated videos made using Flow. It offers various themed channels like Fantasy, Sci-Fi, Nature, and Food, providing endless entertainment with no subscription required.

Flow is currently available in the U.S. for users subscribed to Google's AI Pro and AI Ultra plans. These tiers offer different levels of access, with AI Ultra unlocking the full range of tools and the highest usage limits.

Flow represents a major leap forward in AI-assisted content creation. For filmmakers, storytellers, and content creators, it offers a powerful way to bring ideas to life faster and more efficiently. But it also sparks important conversations—about originality, the role of AI in creative work, and how traditional creative jobs might be affected as this technology becomes more widespread.

Celebrating Knowledge, Creativity, and the Spirit of Inquiry