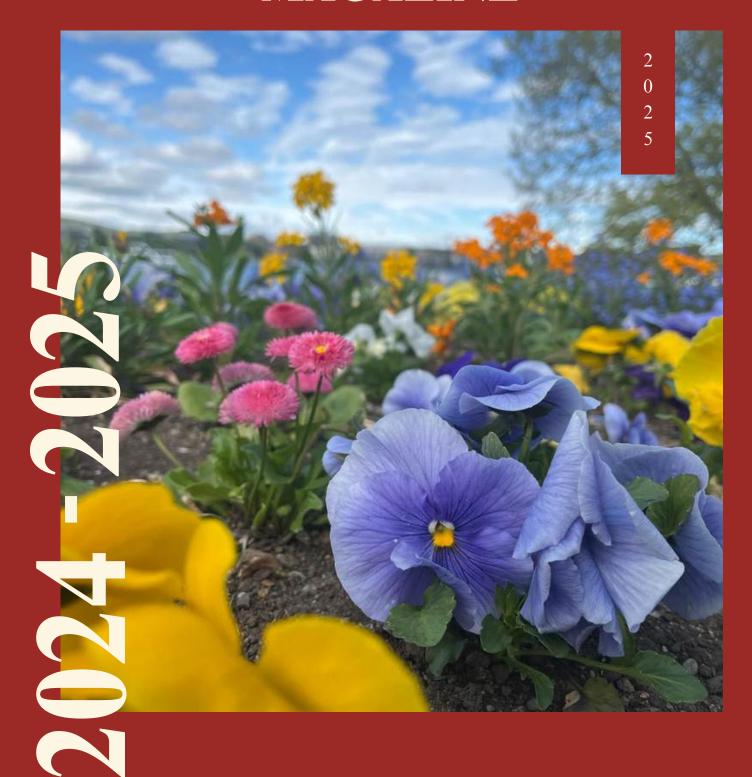
# IEM CREATIONS

● Art ● Photography ● Love ● Memories ● Friendship

**BACK TO CONVENTIONAL** 

## **MAGAZINE**





#### PROF. (DR.) SATYAJIT CHAKRABARTI

OUR BELOVED PRESIDENT SIR, DR. SATYAJIT CHAKRABARTI, PASSED AWAY ON 19TH DECEMBER, 2024. THOUGH WE LOST HIM PHYSICALLY, HIS PROFOUND VISION, AND THE INDELIBLE MARK HE LEFT ON COUNTLESS LIVES WILL FOREVER REMAIN WITH US IN MEMORY. HIS PIONEERING SPIRIT WILL CONTINUE TO INSPIRE THE IEM-UEM COMMUNITY FOR GENERATIONS TO COME.



# MESSAGE FROM THE DIRECTOR



The foundation of this institute was laid in 1989 in the IT hub of Kolkata's Sector V, Salt Lake. Since then, our students and staff have worked tirelessly, demonstrating hard work, sincerity and creativity, which has established us as the leading private engineering college in West Bengal today. Building on the success of IEM Kolkata, we expanded our endeavors to include UEM Jaipur and UEM Kolkata. I am proud that the IEM Magazine committee has undertaken the initiative to showcase the innovative ingenuity of our students and alumni. I hope their efforts are appreciated as they reveal the often-hidden talents of some of the brightest minds in the country. Happy reading!

# MESSAGE FROM THE VICE CHANCELLORS



I am delighted to see our students taking the initiative to make productive use of their time and expressing a wide range of emotions. I wish the IEM Creations 2024-25 team all the best in their journey ahead.

— Prof. Dr. Sajal Dasgupta (Vice-Chancellor UEM Kolkata)

We have dedicated many years to shaping young minds, and the journey has been incredibly memorable. Our students and staff have consistently done commendable work, helping our institute's banner soar high through their excellence in various fields. Time passes in the blink of an eye, so my advice to readers is to seize it before it slips away. Make the most of your college life, revive your dormant hobbies, ignite your passions, and go out and set an example for the world.

—Prof. Dr. Biswajoy Chatterjee (Vice-Chancellor UEM Jaipur)



#### MESSAGE FROM THE PRINCIPALS



At IEM, we have always encouraged our young minds to open their hearts to society, fostering the creation of new ideas. This spirit is beautifully reflected in the evolution of our annual alumni magazine, Memories@IEM. It is a matter of great pride that students from all departments and years have wholeheartedly participated in making this edition a success. For me, the college magazine brings a wave of nostalgia, taking me back to my own college days. It is a time to reflect on all that has been achieved, and I am grateful to both students and teachers for making IEM proud across all fields of society.

— Prof. Dr. Arun Kumar Bar Principal



"The pen is mightier than the sword" remains true even in our technologically advanced world. It is a great source of pride that this magazine has provided a platform for students to showcase their talents, express their opinions, and display their creative flair over the years. Today, education often seems reduced to merely obtaining a degree for a job. At our institute, we strive to preserve the true essence of education by emphasizing extracurricular activities essential for the holistic development of individuals. The achievements of our students over the past year have been commendable, and I am grateful to all the professors and non-technical staff for their contributions. My best wishes are always with the entire team of the Alumni Magazine.

—Prof. Dr. Sundeep Singh Sondhi Principal, Ashram Campus



Any and every student of IEM forms an eternal bond with the College since the very beginning and that has always been the strength of IEM's existence. We believe that students are our assets and giving them the very best of Education and opportunities to start their career form an integral part of our culture.

The companies sought after, adding to the glory of any B-School are there in IEM's basket. Be in the FMCGs , the BIG 4s , the Top Banks , the best in Manufacturing , we mostly have them all vising our Campus to recruit the best of minds and talent to add value to their organization.

IEM's proven track record helps in maintaining long term relationships with the Corporate as they know that IEM will provide them with knowledgeable and inspired blood who will go all out to scale greater heights and bring laurels to the concerned organizations.

IEM students continue to shine wherever they are and shall be.

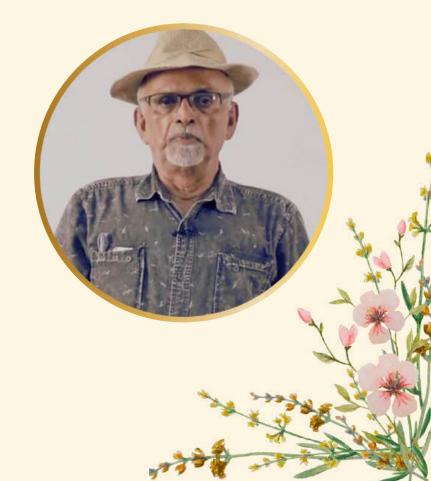
—Prof. Anupam Bhattacharya Principal, Management Studies

#### ALWAYS IN OUR LOVING MEMORY



We mourn the loss of Dr. Dipak Chatterjee, our beloved former principal. His wisdom, dedication, and deep impact on generations of students will remain with us always. Though gone, his legacy continues to inspire and guide us.

Our beloved professor, Prof.
Gora Chakraborty, passed away on 16<sup>th</sup> February, 2025. His legacy as an educator and scholar will continue to inspire generations of students for years to come.



# Meet Our Team

#### Prof. Dr. Sanghamitra Poddar

-Dean of Student Affairs & Alumni Relations

IEM Creations has always been an emotional journey for me. The journey of publishing this college magazine started way back in 2009 under the guidance of our Director Sir, Prof. Satyajit Chakrabarti. Working with the magazine committee the tireless efforts of the students leaves me fascinated and extremely grateful. Without the support and hard work of our dedicated students all ventures would have been impossible.

I once again thank Director Sir for giving me this opportunity and the editorial team of my students for successfully bringing out another edition of IEM CREATIONS.





Anushka Maji -magazine HEAD, CSE, Batch 2021-2025

Hello everyone! It's a privilege to connect with you through this issue as your President. This magazine is a true testament to the collaborative spirit of our club, and I want to extend my sincere thanks to everyone who contributed their talent and time. I hope you enjoy flipping through these pages as much as we enjoyed creating them for you!

#### Aindrilla Kundu

magazine vice HEAD, BCA, Batch 2022-2025

As the Vice-President, I'm incredibly excited about what we're building together with this magazine! We've poured a lot of passion into bringing you diverse voices and engaging content in this issue, and I truly believe you'll find something to inspire, inform, or simply entertain you. Here's to a fantastic read and to all the exciting possibilities ahead for our club!



# Meet Our Team

#### **GRAPHICS**















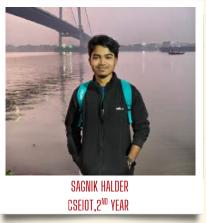
# Meet Our Team

#### **CONTENT**









# <u></u>

116

2024 -2025

Total 797 jobs offered for 2025 passout batch by 44 companies

# PLACEMENT

2024-25 RECORDS







PLACED-24







**PLACED-6** 



PLACED-1



PLACED-226



PLACED-3



**PLACED-3** 





**PLACED-1** 

PLACED-8

**PLACED-1** 

# PLACEMENT

RECORDS 2024-25







PLACED-47 **PLACED-1** 







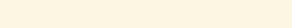
PLACED-7

PLACED-3









**PLACED-1** 





**PLACED-6** 



**PLACED-1** 



**PLACED-2** 

# PLACEMENT

RECORDS 2024-25







**PLACED-16** 

PLACED-30

**PLACED-3** 







PLACED-3

PLACED-1

PLACED-6



**PLACED-2** 

# PLACEMENT

**RECORDS 2024-25** 

SL NO	COMPANY NAME	PAY PACKAGE (LPA)	TOTAL OFFERS
1	MAERSK	10.83	4
2	SMS GROUP	5.5	4
3	АМІ	6	13
4	Godrej Infotech	4	2
5	ORACLE	19.18	6
6	GREYB	7	6
7	Infosys Specialist Programmer	9.5	2
8	RSMUSI	7.7	3
9	VISTEON	7	10
10	MICROSOFT	50	1
11	COGNIZANT GENC	4	71

SL NO	COMPANY NAME	PAY PACKAGE (LPA)	TOTAL	
12	COGNIZANT GENC NEXT	6.75	8	
13	PWC	PWC 4.99		
14	4 EXIDE 6		6	
15	SASKEN	5	6	
16	INFOSYS SE	4.6	76 207 76	
17	TCS NINJA	3.3		
18	TCS DIGITAL	7		
19	TCS PRIME	9	47	
20	LTI MINDTREE	4.05	95	
21	CAPGEMINI	7.5	5	
22	CAPGEMINI	5.75	15	

SL NO	COMPANY NAME	PAY PACKAGE (LPA)	TOTAL OFFERS
23	CAPGEMINI	4.25	83
24	LEXMARK	10.5	5
25	Titagarh Rail Systems	5.5	6
26	EY GDS	4.83	3
27	IEMA	3.64	2
29	Skipper Limited	5.5	4
30	UST GLOBAL	10	1
31	Control Print Limited	3	1
32	Keyence India	5.9	1
33	DREAMWORLD PACKAGING	3.2	2

SL NO	COMPANY NAME	PAY PACKAGE (LPA)	TOTAL OFFERS	
34	NEXTGEN PLASMA	3	1	
35	PAHARPUR COOLING TOWERS	3	3	
36	ALGO ENERGY TECH VENTURES	6	1	
37	VIKRANT ENGINEERING	3	2	
38	KSB LIMITED	KSB LIMITED 3.6		
39	RELIANCE INDUSTRIES	7.5	1	
40	Deloitte USI	4.5	4	
41	IBM	4.5	2	
42	ARC DOCUMENT	5	1	
43	Surelia Infosystems	2.4	1	
44	Hashedin	8.1	1	

# PLACEMENT

RECORDS 2024-25

SL NO	COMPANY NAME	TOTAL
1	eQ Technologic	2
2	ORACLE	6
3	PWC	47
4	IBM	44
5	PharmaQuant Insights Private Limited (PPO - Internship)	1
6	ACCENTURE - ADV ASE	6
7	ACCENTURE - ASE	143
8	Tismo Technology	2
9	JMAN	6
10	Nevaeh Technology	3
11	SMS GROUP	6
12	CESC LTD	1
13	WORLEY	3
14	ITC INFOTECH	30
15	KEYENCE	1
16	GREYB	15
17	GREYB	1
18	Incture	3
19	Celebal Technologies (PPO)	1
20	221B Baker Street	1
21	IEM LABS	6
SL NO	COMPANY NAME	TOTAL
22	VIKRANT ENGINEERING	2
23	Telaverge Communications	3
24	VODAFONE IDEA	6
25	RSM US LLP	3
26	Reliance Retai	7
27	JUSPAY	1
28	TCS PRIME	27
29	TCS DIGITAL	83
30	TCS NINJA	116
31	SASKEN	10
32	CALSOFT	3
33	WORKZ	1
34	DXCORR	2
35	HashedIn	1
36	rtCamp Solutions	1
37	Deloitte USI	8
38	ZINFI	6
39	CAPGEMINI	24
40	CAPGEMINI	2
41	Futures First (Internship)	4
42	Cognizant	24

2024-2025 **IEM CREATIONS** 

# PLACEMENT

**RECORDS** 2024-25

Recruited By





PACKAGE 10.83Lakh Per Annum



ADNAN AHMED SULTAN **CSE** 





Deya Hazra **CSE AIML** 

Recruited By









# PLACEMENT

2024-25 RECORDS

Recruited By INFOSYS SE



PACKAGE 4.6Lakh Per Annum



Isha Sinha **CSBS** 



**Megha Biswas** ČSE AIML



**AKASH ROY CSE IOT** 



KINJAL KOLAY



**AASTHAUPADHYAY CSE IOT** 



**Anubhav CSE AIML** 



**DEV KARANYADAV CSE IOT** 



**PRATHAM OJHA** IT

Recruited By Infosys SP



PACKAGE 9.5Lakh Per Annum





**Sunny Singh** CSE AI

# PLACEMENT

**RECORDS** 2024-25

Recruited By TCS PRIME



#### PACKAGE 9Lakh Per Annum



**MEGHNA BARDHAN** 



**NEHA SINGH** IT



**MUDIT ANAND** CSE AI



**AMAN SINGH** CSE AI



**RAJ AGARWAL** 





**AYANIKA BERA CSBS** 



**ARPAN BASU** 





**ROHAN SINHA CSE IOT** 

Recruited By TCS PRIME



#### **PACKAGE 9Lakh Per Annum**



**AYANIKA BERA** CSBS



**Abhishek Singh** CSE AI







ANIKET KUMAR ANTARJITA ADHYA ECE



LALIT SHARMASYEDA MEHNAZ HASAN **CSE IOT CSBT ECE** 



**DEENA JOSEPH CSE** 



**RAJAT SINGH** ECE

# PLACEMENT

2024-25 RECORDS





#### PACKAGE 3.3Lakh Per Annum



**DEV KARAN YADAV** CSE IOT



**Ritesh Nandy ECE** 



**RAMA GUPTA ECE** 



IshaSinha CSBS



**Rohit Maji** ECE



**RITIK RAJ CSBS** 



**SOUBEER CSE** 



Vishal Singh ECE





PACKAGE 7.5Lakh Per Annum



**ARNAV KUMAR CSBS** 

**MRITUNJAY KUMAR CSE AIML** 



**MAYANK SINGH CSE IOT** 



**Dipra Guchait CSE IOT CSBT** 



**PRASHANT KUMAR CSE IOT CSBT** 

# PLACEMENT

2024-25 RECORDS



#### Capgemini

#### PACKAGE 5.75Lakh Per Annum



**ARJUN GHOSHAL CSBS** 



**DEENA JOSEPH** CSE



**SATYAM SINGH** 



**SOUBIK GHOSH** 







**DEV KARAN YADAVROHAN SINHA CSE IOT CSE IOT** 

#### **CSE**



#### Recruited By CAPGEMINI

#### Capgemini

#### PACKAGE 4.25Lakh Per Annum



**SAIF HASAN CSE** 



**MD ZUNAID ALI CSE IOT** 



**Rohit Maji ECE** 



**NIKITA ANAND** 



**MD ARIF** IT



Awika Nayan **CSE IOT** 



**YASH SHAW ECE** 





**Anisha Das** 

# PLACEMENT

**RECORDS** 2024-25





#### PACKAGE 4.99Lakh Per Annum



**SOUMILI CHAKRABORTY CSE AIML** 



**NEHA SINGH** 

IT



**Tannistha Neogy CSE AIML** 



NIKITA ANAND



**DEBAGNIK SEN CSE IOT** 



**SAYANTI DEY** 

IT

#### Recruited By





**Amrit Dubey** CSE



Paridhi Kumari **CSE AI** 



**ANIKET KUMAR** CSE



IshaSinha **CSBS** 



**ARPAN BASU** 



**RITIKRAJ CSE IOT** 



Namrata Ganguli CSE



**PRATHAM OJHA** IT

2024-2025 **IEM CREATIONS** 

# PLACEMENT

**RECORDS** 2024-25

Recruited By

COGNIZANT GENC NEXT



PACKAGE 6.75Lakh Per Annum



**AVEEPSA SARKAR** 





**AYUSH KUMAR NILADRI CHAKRABORTY AMAN SINGH** 



**Sunny Singh** CSE AI



**SK AKIBZZAMAN CSE AIML** 



CSE

**DEBAGNIK SEN** CSE IOT



Sourik Bhuiya IT

**Recruited By** 





PACKAGE 5.75Lakh Per Annum



Priyanka Sarawagi **CSBS** 



**CSE IOT** 

# PLACEMENT

RECORDS 2024-25

# Higher Studies Record of 2024-2025

### Higher studies record of 2019-2023 batch student – IEM EE Department

Sl. No.	Name	Enrollment no.	National level test	Higher Study
1	ADRIK SENSARMA	12019002011025	CAT	MBA, Indian Institute of Foreign Trade
2	ABHIRUP MAJUMDER	12019002011024	FAU Test	M.S, FAU Germany
3	ANISHA GHOSH	12019002011014	FAU Test	M.S, FAU Germany
4	PRITAM SANYAL	12019002011015	GATE	IIT Delhi, M.Tech
5	Riddhi Sarkar	12019002011082	CAT	MBA, IIM Sambalpur
6	Riju Bhattacharjee	12019002011091	LU Test	M.Sc, Loughborugh University, London
7	JYOTIRMOY ROY	12019002011130	GATE	M.Sc.,Rastriya Raksha University, Gandhinagar, Gujrat

#### Higher studies record of students of IEM IT Department

	2022-23	2021-22	2020-21	2019-20	2018-19
GATE	22	15	10	6	5
CAT	5	7	5	4	4
OTHERS	3	2	3	2	2
TOTAL	30	24	18	12	11

- \*Abhirup Sengupta got selected in IISC, Bangalore
- \*Suddhasatta Chowdhury got selected in Symbiosis Institute of Business Management, Pune
- **★**Sudeshna Chowdhury got selected in IIT, Delhi
- \*Ashutosh Kumar Jha got selected in Harvard School of Business

# PLACEMENT

RECORDS 2024-25

# Higher Studies Record of 2024-2025



#### Ishan Lahiri

Currently pursuing his Research Program in Department of Electronic Systems Engineering (DESE) from Indian Institute of Science (IISc), Bangalore.



#### Sanhita Kole

joined university of Glasgow under MSc computer systems.

# PLACEMENT

**RECORDS** 2024-25

# Higher Studies Record of 2024-2025



**Romit Bhaumik** 

All India GATE 2022 RANK 185 in Computer Science and information technology (CS) currently pursuing post graduation in IISC Bangalore



Soumyadeep Chatterjee

all India GATE 2022 Rank 313 in Electronics and Communication Engineering (EC)



Deeptendu Santra

recipient of prestigious MITACS globalink research internship, (GRI) award. He will participate in a research project at Queen's University—Kingston, Ontario Canada under professor Farnaz Heidar Zadeh

# PLACEMENT

RECORDS 2024-25

# Higher Studies Record of 2024-2025



#### **Akash Das**

Senior national scholar 2019: Jagadish Bose national science talent search (JBNSTS)amount of 50 projects in ISF 2021, drove with Spiderbot and wireless motion controller

E-Yantra IIT Bombay 2021 to 2022: one of the 8 finalist in national robotics competition.

RACE (robotics, automation circuitry and electronics)Hackathon winner 2022 by NIT Durgapur



**Arnay Maitra** 

joined regional College of management, Bangalore under PGDM course

# PLACEMENT

**RECORDS** 2024-25

# Higher Studies Record of 2024-2025



**Suddhasatta Chowdhury** 

joined Symbiosis Institute of business management, Pune to pursue MBA



**Abhirup Sengupta** 

joined department of Centre for product design and manufacturing, IISC Bangalore under MTech in Smart manufacturing

# Z $\geq$



2024 -2025

# **ACHIEVEMENTS**

#### IEM-Kolkata students associated with Chandrayaan 3 Project at ISRO









4 pass out students from various Department are associated with the prestigious Chandrayaan 3 project at ISRO.



Sneha Mukhopadhyay has secured the prestigious Erasmus Mundus Scholarship to pursue the M1 EMIMEP: European Master for Industry in Microwave Electronics & Photonics at the University of Limoges, France. Awarded by the European Commission, this full scholarship recognises her dedication and hard work as she begins her academic journey in France.



ABP Ananda has felicitated IEM and UEM group with the the Shiksha Samman Award 2024 - Outstanding Institute for Engineering and Management Placements.



IEM secured 1st prize in the Innovation Challenge at the World Robotics Championship 2024, Noida NCR. The winning team comprised Debajyoti Mitra (CSE-AIML), Pratyusha Chatterjee (CSE-AIML), Soumanka Sarkar (EE), Shreyan Kundu (CSE-AI), Nirban Roy (CSE-IoT), and Soumalya Mallick (ECE). Their project was developed under the mentorship of Dr. Tanima Bhowmik, Prof. Ayan Kumar Panja, and Prof. Amartya Mukherjee at IEM's Center of Excellence for Advanced Communication and Intelligent Computing in collaboration with IEMA R&D Pvt. Ltd.



"I am very grateful and humbled to be invited by Institute Of Engineering and Management my Alma Mater to give a talk with the amazing students of the college on my journey and sharing my success story! It was an honor for me to see my picture in the hall of fame and spend some time answering questions about career journeys, the endless possibilities within technology sphere globally. Thanks Dr. Sanghamitra Poddar for inviting me and every student for diligently listening and reaching out."

~Aratrika Sarkar, VP, Morgan & Stanley USA, CSE Batch 2013

# **ACHIEVEMENTS**



Institute Of Engineering and Management (IEM Kolkata) is the first institute in East India to get credentialed under the MathWorks Campus-Wide License Credentialing Program. The program recognizes IEM Kolkata for its outstanding usage of MATLAB and Simulink like computational tools in their engineering curriculum and research. During the event, we had an hour of discussion with academic members and faculty on trending topics like GenAI, DigitalTwins, ElectricVehicle, ORAN, and many more.



Zee 24 Ghanta awarded IEM - UEM group for Excellence in Placements - Engineering and Management category at the Education Excellence 2024 programme.



**IEM- UEM** Group received Certificate of Excellence in pursuit of Excellence towards offering Outcome Based Education.



Study Abroad Programme organized by IEM and UEM at the National University of Singapore (NUS). Lecture Sessions were taken by Prof. Dr. Lim Kwain Hui and other emminent Professors from NUS, during the Study Abroad Program.

# **ACHIEVEMENTS**



**Study Abroad Program** for **IEM-UEM** Group of students at the **University of Sydney**, **Australia**. Students attended lectures by distinguished faculty members on various emerging technologies.



**IEM UEM** group signed the **MOU** with **LTIMindtree** as the knowledge partner for academic collaboration. This collaboration will give immense opportunities to hundreds of students in the coming years.



IEM Students at Zee Bangla Dadagiri



Students of **IEM and UEM** can travel across the globe and study as a part of their curriculum.

"I am so thankful to you my dear friends/connections in social media. We have now arranged for many more global connections, and we expect that from this year itself, students of IEM and UEM will start travelling to these universities across the world for their study abroad programs."

~Dr. Satyajit Chakrabarti & Dr. Biswajoy Chatterjee

# **ACHIEVEMENTS**



IEM-UEM has become one of the first private universities in Eastern India to launch a private cloud infrastructure at IEDC (CSE), Godrej Genesis, featuring 840+ cores, 880 GB RAM, and 9TB storage for distributed applications. The event included a keynote by Prof. Rajkumar Buyya (University of Melbourne) and a panel discussion with industry leaders on IoT, AI and Cloud Computing. IEDC (CSE) will also host a 5G Lab for training students in 5G core services and simulations. This milestone marks a major step forward for IEM-UEM, giving students a distinct edge over their peers



IEM hosted the National Mini Roll Ball Championships 2024 (East Zone - under 11) organized by the Roll Ball Association of Sports (West Bengal). It was such a great event, seeing the young kids participate enthusiastically in Sports.



IEM has received the best Engineering college in Eastern India - Times Power icon award from Times of India. IEM is a 35 year old premier Engineering College under the University of Engineering and Management.



IEM-UEM's faculty members visited the Watson Center at the IBM Quantum Systems 2 - Quantum Computer, Thomas J Watson Research Center at Yorktown Heights, New York. Prof. Rajashree Paul, Director of Research and IQAC of UEM Kolkata led the visiting team of researchers from IEM and UEM.

# **ACHIEVEMENTS**



IEM-UEM has become one of the first private universities in Eastern India to launch a private cloud infrastructure at IEDC (CSE), Godrej Genesis, featuring 840+ cores, 880 GB RAM, and 9TB storage for distributed applications. The event included a keynote by Prof. Rajkumar Buyya (University of Melbourne) and a panel discussion with industry leaders on IoT, AI and Cloud Computing. IEDC (CSE) will also host a 5G Lab for training students in 5G core services and simulations. This milestone marks a major step forward for IEM-UEM, giving students a distinct edge over their peers



IEM hosted the National Mini Roll Ball Championships 2024 (East Zone - under 11) organized by the Roll Ball Association of Sports (West Bengal). It was such a great event, seeing the young kids participate enthusiastically in Sports.



IEM has received the best Engineering college in Eastern India - Times Power icon award from Times of India. IEM is a 35 year old premier Engineering College under the University of Engineering and Management.



IEM-UEM's faculty members visited the Watson Center at the IBM Quantum Systems 2 - Quantum Computer, Thomas J Watson Research Center at Yorktown Heights, New York. Prof. Rajashree Paul, Director of Research and IQAC of UEM Kolkata led the visiting team of researchers from IEM and UEM.

# **ACHIEVEMENTS**



**IEM-UEM Conference** team members visited the Google office at **San Francisco**, **USA**.



The IEM Alumni Center was inaugurated at Godrej Genesis (15th floor) with a panel discussion by alumni on the impact of AI in business. The event also marked the beginning of collaborations between IEM entrepreneurs and alumni intrapreneurs.



**IEM-UEM** was honored as the 'Star Incubator from India' by BCC&I at the Global Business Connect Summit 2024 in Bangkok.



#### ESTABLISHMENT OF IEM CONSULTANCY SERVICES

From the CEO's desk:

"It is with immense excitement and pride that I announce the official launch of IEM Consultancy Services, a.k.a. IEMCS a next-generation technology startup committed to provide value adding AI products and solutions to companies worldwide. Our niche AI skilled team, led by the Chief Technology Officer Dr. Amit Kumar Das, has deep industry expertise and can shape business outcomes with innovative ideas and AI implementations."

~ Dr. Satyajit Chakrabarti, CEO of IEM Consultancy Services.

# **ACHIEVEMENTS**



IEM MBA Placement — "We do not place our students, we train them for life." At IEM, students are seen as assets, nurtured with quality education and career opportunities. Top recruiters across FMCG, Big 4s, banking, and manufacturing regularly visit our campus, reflecting our strong corporate ties and proven track record. IEM students continue to excel, creating lasting impact wherever they go.



A Memorandam of Understanding has been inked between CSIR-NEERI and IEM-UEM Group Kolkata to work in the field of Environment and Sustainability at National level in general and Eastern as well as North Eastern Region in particular. IEM- UEM is the oldest and largest group in education sector in eastern region with its presence in Jaipur, Rajasthan.



The Economic Waste Oil Recycler project from the Institute of Engineering & Management (IEM), Kolkata, in collaboration with the IIFR Lab, has won the prestigious Inventor's Challenge 2024, organized by AICTE and STMicroelectronics. Competing against 2,765 teams nationwide, the team progressed from the Top 100 to the Top 30, and ultimately emerged as the winner. The award was presented by Prof. T.G. Sitharam (AICTE Chairman) and Mr. Manoj Kumar (Director, STMicroelectronics) at the grand finale in Noida, Delhi, on 14th November 2024.

**Project Team (3rd Year):** 

- Shyantan Kundu (CSE)
- · Adrija Ghosh (CSE)
- Suvojit Maity (ECE)

The Waste Oil Recycler provides an innovative solution to convert used engine oil into industry-grade fuel oil, especially for maritime applications. It features a flameless chemical reaction chamber for safe mixing and a high-speed centrifuge (3000 RPM) that reduces sedimentation time by 48x compared to conventional methods.

# **ACHIEVEMENTS**







#### **Team SARVA – Innovating for Disaster Resilience**

Team SARVA has successfully developed a Scout Drone Setup for disaster management applications under the guidance of Prof. Avik Das, Prof. (Dr.) Arijeet Ghosh and Prof. Apurba Nandi from the Department of CSE (IoT, CS & BT), UEM Kolkata.

This innovation is part of our participation in NIDAR – National Innovation Challenge for Drone Application & Research, India's largest drone innovation challenge, organized by MeitY and the Drone Federation of India under the #SwaYaan Initiative.

We extend heartfelt gratitude to Dr. Sandip Mandal for his mentorship, to Prof. (Dr.) Sukalyan Goswami and Rajiv Ganguly for institutional support, and to our mentor Pro Vice-Chancellor Prof. Satyajit Chakrabarti for his encouragement throughout this journey.

Together, we move closer to building impactful drone solutions for national disaster resilience.

# **ACHIEVEMENTS**



#### **Proud Moment for IEMA R&D!**

IEMA Research & Development Pvt. Ltd. – IEMLabs was honored to be a corporate sponsor at the ICC Defence Manufacturers Forum (DMMF), organized by the Indian Chamber of Commerce on June 14, 2025, at The Lalit Great Eastern, Kolkata.

Committed to technological innovation and cybersecurity, IEMA R&D continues to support India's defense ecosystem through research, resilience, and strategic collaborations. Our presence at DMMF reflects our vision to empower the future of defense manufacturing in India.



"We are deeply honored to have secured the 1st Runner-Up position at Innovate For Impact 2025, organized by Loreto House College Incubation Centre in collaboration with IIM Calcutta Innovation Park. Our team from IEM Kolkata comprising Shyantan Kundu, Adrija Ghosh presented our business proposal for the Waste Oil Recycler project among 40 teams, with only 8 selected for the final round at Loreto House College. We were privileged to pitch before a panel of four distinguished judges and were honored by the presence of Mr. Derek O'Brien as the Chief Guest, receiving a cash prize of ₹20,000. We extend our sincere gratitude to my helpful 3rd member Suvojit Maity our mentors, Dr. Priti Das (Project mentor, ex-IIFR Research Professor), Mr. Arghya Roy (Technical mentor, @IIFR IEM), and Mr. Barunav Kundu (Industrial Mentor, GSCaltex). We are equally grateful to our college Institute of Engineering & Management (IEM) for the unwavering support and encouragement provided by Prof. Dr. Prabir Kumar Das HOD of BSH and Head of IIFR; Prof. Dr. Moutushi Singh Singh, HOD of CSE, IEM Saltlake; Prof. Dr. Malay Gangopadhyay, Vice Principal, IEM Saltlake; and Satvajit Chakrabarti, Director of IEM. Their guidance has been invaluable in our journey toward innovation and sustainable development."

- Shyantan Kundu, CSE 3<sup>rd</sup> year.

# **ACHIEVEMENTS**









#### **Distinguished Global Leadership Award Ceremony**

The Distinguished Global Leadership Award Ceremony was held at the House of Lords, UK Parliament, and was a resounding success. The event was made possible through the efforts of Dr. Sanghamitra Poddar, Mridul Sengupta, Arun Bardhan, Sourav Neogi, Kaushik Chatterjee, Suranjan Som, Piyush Anand, Dr. Udit Chawla, Dipak Saha, Srijita Chakraborty, Soham Kanti Bishnu, Amit Das, Debojyoti Barat, Sai Kishan, Dr. Sandip Mandal, Prof. (Dr.) Sukalyan Goswami, Rajiv Ganguly, and with the guidance of Pro Vice-Chancellor Prof. Satyajit Chakrabarti. The distinguished awardees included Prof. Bikash Pal and Paul Micheson (Imperial College London), Yang Gao (King's College London), Ranjan Chaudhuri (EMLV Business School, Paris), Sunil Sahadev (Sheffield University, UK), Paola Falugi and Bilyaminu Auwal Romo (University of East London), Becky Lees and Sankar Sivarajah (Kingston University London), Abbas Fotouhi (Cranfield University, UK), and Kenneth T. V. Grattan. IEM is proud to have been part of this prestigious global recognition.

# **ACHIEVEMENTS**



This initiative goes beyond classroom teaching to equip students with practical, industry-ready expertise in areas like threat detection, penetration testing, and digital forensics. At the same time, it promotes cybersecurity awareness beyond academia, reaching communities and industries through knowledge-sharing and outreach. By combining theory with hands-on applications, the lab will empower students to confidently solve real-world problems and face tomorrow's cyber challenges with skill and innovation.

With this collaboration, IEMLabs and Naba Ballygunge Mahavidyalaya aim to lay the foundation for a cyber-resilient society by combining cutting-edge infrastructure with forward-looking education. The initiative will not only train students in advanced cybersecurity skills but also build awareness about safeguarding digital assets at both national and global levels.

IEMLabs Signs MoU with Naba Ballygunge Mahavidyalaya to Boost Cybersecurity Education

IEMLabs has signed a Memorandum of Understanding (MoU) with Naba Ballygunge Mahavidyalaya, marking a major step toward strengthening cybersecurity education and research. In line with the National Education Policy (NEP), IEMLabs has also sponsored a state-of-the-art Cybersecurity Lab at the institution to provide hands-on training in areas such as ethical hacking, network defense, and digital forensics.



At the same time, the partnership focuses on nurturing the next generation of skilled, ethical, and industry-ready professionals. By empowering students with the right knowledge and values, this initiative ensures that India's digital future remains secure, innovative, and resilient against evolving cyber threats.

# **ACHIEVEMENTS**









Friendship between IEM & UEM and Australia:

The Australian Consul General Mr. Hugh Boylan visited the IEM-UEM Group campuses to give a talk on the friendship and collaboration between India and Australia, and we had wonderful discussions regarding the upcoming programs of IEM - UEM group in Australia, and also regarding all possible future collaborations.

The 15th IEEE Annual Computing and Communication Workshop and Conference (CCWC 2025), organized by IEM-UEM group, along with SMART SOCIETY USA and IEEE started at the University of Nevada, Las Vegas, USA, on 6th January 2025

# **ACHIEVEMENTS**









Robots Welcome IEM's Class of 2025: A Futuristic Start to a Promising Journey

Robots Welcome IEM's Class of 2025: A Futuristic Start to a Promising Journey

ANI | Updated: Jul 05, 2025

Cannes Film, Content Creators Festival (CFCCF) & Award Ceremony 2025 was organized by Institute of Engineering & Management, Kolkata along with University of Engineering & Management, Kolkata and SMART Society on April 12, 2025, at Hilton, Cannes, France.



AI রোবটগুলি তৈরি করেছেন IEM-এরই সিনিয়র শিক্ষার্থীরা।

IEM-এর



### AR allows students to interact with complex lab experiments virtually

STATESMAN NEWS SERVICE

In a groundbreaking step toward transforming technical education. IEMA Research & Development Pvt. Lid unveiled LabReality, anAug mented Reality (AR)-based Android application designee to redefine the way engineering students experience, must be all a experience.

practical lab experiments. LabBealityempowers stadents to interactivith comple lab experiments anytimanywhere eliminating the need for physical presenin dedicated laboratories. It hamessing cutting-edge A technology, the app deliver



bridges the gap between the ory and hands-on practice What sets LabReality apar is its meticulous attention to detail Unlikeconventiona apps that merely place 31 models in the real world LabReality visualises every micro-instruction of wach experiment through detailec by-step. This interactive format fosters deeper comprehension and retention. Dr Satyajit Chakrabarti, director of IEMA, stated, "Lablealty marks asguifcant evolution in the education industry. It's a powerful under the guidance of D Chakrabarti, with key cor tributions from a talente team comprising Amarty Mukherjee. Dr Ayan Kuma Panja, Souwic Chatterjee an Sudipa Dutta. Project Lea Souwic Chatterjee emphasies "This is a groundbreakin advancement in the field the learning. Labiteality is no just a tech product - it's transformative tool forfum

LabReality represents a sold leap forward in the integration of technology with education, offering a scalable solution for institutions looking to enhance remote learn-

# **ACHIEVEMENTS**



**IEM-UEM** has become one of the first **Private Universities** in **eastern India** to launch a private cloud infrastructure at the **IEDC(CSE)**, **Godrej Genesis**, with **840+physical cores**, **880 GB RAM** and **9TB storage** for distributed applications.



IEMA Research & Development Private Limited - IEMLabs was honored to serve as a corporate sponsor at the prestigious ICC Defence Manufacturers Forum (DMMF) — a flagship event by the Indian Chamber of Commerce, held on June 14, 2025, at The Lalit Great Eastern, Kolkata.

# IEM starts cloud computing lab

A STAFF REPORTER

Calcutta: Calcutta-based Institute of Engineering and Management has invested Rs 8.20 crore to set up eastern India's first private cloud computing lab in the city.

The institute has taken up space in Godrej Genesis at Sector V in Salt Lake to set up the lab under its Innovation Entrepreneurship Developmental Cell, which was inaugurated on Wednesday. IEM has collaborated closely with the University of Melbourne for the project.

Satyajit Chakrabarti, director, IEM, said that around 6,000 students with research interests in resource management and application scheduling in cloud computing stand to benefit from the lab infrastructure.



Satyajit Chakrabarti, director, IEM

cloud companies. So, there is a growing demand for private cloud deployment," Chakrabarti said.

He added that the institute has initiated a discussion with IIT Kharagpur for collaboration and is also looking at deploying innovation hubs in other states such as Bangalore, Mumbai and Delhi among others.

"We have invested almost Rs 9 crore here only with the

#### IEMA launches in-house developed software Nexalyzer

STATESMAN NEWS SERVICE

In a groundbreaking step toward intelligent data transformation, IEMA Research & Development Pvt. Ltd. announced the launch of IEMA Nexalyzer, an AI-enabled ETL (extract, transform, load) software platform developed entirely in-house. The announcement marks a significant milestone in

Spearheaded by Dr Satyajit
Chakrabarti, director of IEMA,
the initiative underscores
the organisation's mission
for scalable, real-time data
processing and transformation along with the power of
artificial intelligence. Nexalyzer is designed to empower

enterprises with seamless

India's data analytics land-

scape.

data integration, smart anomaly detection, and predictive insights, revolutionising the way organisations handle large-scale data.

large-scale data.

"Nexalyzer is more than
"Nexalyzer is more than
semocratising Al-driven analytics," said Dr Chakrabarti.
"Our goal was to create a
platform that doesn't just
automate FTL tasks, but also
learns, predicts, and adds
real business value."

The development of IEMA Nexalyzer was driven by a dynamic and talented team comprising Amartya Mukherjee, Dr Ayan Panja, Souvik Chatterjee and Keshav Jhunjhunwala, who combined their expertise in Al, data science, and enterprise systems to create a product tailored formodern data ecosystems

Official launch of Nexalyzer – our in-house developed ETL (extract, transform, load) software platform.

# **ACHIEVEMENTS**





#### **IEM Wins Outstanding Business School Awards**

In 2018, the Institute of Engineering & Management (IEM) was honored with the prestigious Outstanding Business School Award by the Economic Times – ET Now Group. This recognition stands as a testament to IEM's commitment to academic excellence, industry-oriented learning and producing future-ready leaders who continue to make their mark across sectors.

IEMA Research & Development Pvt. Ltd. Honored as the Iconic Business Leader of the Year!

**IEMA Research & Development Pvt. Ltd.** has been recognized with the prestigious title of **"Iconic Business Leader of the Year"**, a testament to its relentless pursuit of innovation, excellence, and industry impact. This honor reflects **IEMA R&D's** commitment to driving technological advancements, fostering sustainable growth, and creating meaningful contributions to society.





# **ACHIEVEMENTS**



#### NATIONAL CHAMPION IN NPTEL

IEM, Kolkata has been National Champion and secured "AAA" category nationally among all institutes of India including all IITs and IISc Bangalore in NPTEL program in two consecutive semesters in 2016 and 2017.



Convocation 2025 (Degree Conferment ceremony)





#### **Empowering Students with MATLAB**

All students of the **IEM-UEM Group** get access to the latest **MATLAB** features through an exclusive **Campus License**, enabling hands-on learning in data analysis, AI, simulation, and machine learning. This equips them with industry-ready skills for a technology-driven future.

# **ACHIEVEMENTS**



#### **UEMCON 2023**

IEM and UEM team organized the very successful IEEE UEMCON 2023 conference in Columbia University in New York, US.



The **conference** aims to bring together scholars from different backgrounds to emphasize the dissemination of ongoing research in the fields of **Computing**, **Electronics** and **Mobile Communication**.



The Department of Business Administration of the Institute of Engineering & Management & University of Engineering & Management, Kolkata has organized a 3-Day 3rd International Conference on Innovative Research Practices in Social Sciences (IRPSS-2023) in association with Smart Society, USA; ICRC-AIMA; Academy of Indian Marketing, scheduled on November 16, 17 & 18, 2023.



**IEM** and **UEM** organized the very successful **IRTM 2023:** 

International Conference On "Interdisciplinary Research in Technology & Management" held on 20th-22nd April 2023 at IIT, Delhi, India with Chief Guest Dr Akhilesh Gupta, Secretary- SERB, DST, Govt. of India.

## **ACHIEVEMENTS**



#### AGILE Kolkata 2023

IEM in collaboration with Agile Network India has hosted the 3rd edition of the Agile Kolkata 2023 Conference on 25-26 November 2023 at IEM, Kolkata.



#### **IEEE CCWC 2020**

IEEE CCWC 2020, arranged by faculty members of IEM-UEM group from 11th-14th, January, 2020, provided an opportunity for researchers, educators and students to discuss and exchange ideas on issues, trends, and developments in Computing and Communication. The conference aimed at bringing together scholars from different disciplinary backgrounds to emphasize dissemination of ongoing research in the fields of in Computing and Communication.





IEMERA 2020, London, UK

11th International Conference on Intelligent Energy Management, Electronics, Electric & Thermal Power, Robotics and Automation IEMERA 2020 was held from 1st to 3rd October 2020 virtually.



MOU with L&T Edutech with LTIMindtree as the knowledge partner for academic collaboration. This collaboration will give immense opportunities to hundreds of students in the coming years.

**IEM** and **UEM** signed a **MOU** with **Capgemini** for **academic collaboration**, industry integrated curriculum **development** and **placement**.

# **ACHIEVEMENTS**



IEM-UEM Group signed MOU with Pegasystems to Empower Students with **Industry-Leading Skills at Kolkata, June 20,** 2025 and became the first University in Eastern India to train all students in Pegasystems after a MOU with them



IEM signed a historic MOU with IBM to open the first IBM Center for Advanced Studies in India to enable students, faculty and researchers to work on the latest emerging technologies with IBM Cloud software.



ITUTE OF ENGINEERING & MANAGEMENT, SALT LAKE CAMPU UNDER UNIVERSITY OF ENGINEERING & MANAGEMENT



Team Zephyrus won 3 tracks at Hack This Fall 3.0 organized by MLH at Karnavati University, Gandhinagar, Gujarat.



MOU has been signed between Ryukoku University, Kyoto, Japan and University of Engineering Management, Kolkata/Jaipur, India.



Approval of West Bengal State Council of Science and Technology, Department of Science and Technology and Biotechnology, Government of West Bengal for setting up IPR Cell.



INSTITUTE OF ENGINEERING & MANAGEMENT, SALT LAKE CAMPUS UNDER
UNIVERSITY OF ENGINEERING & MANAGEMENT



IEM Team \*404 not found\* won the Smart India Hackathon 2022 competition.

# **ACHIEVEMENTS**



IEM received "The Harbinger of Educational Transformation ", from the United States Consul General , Kolkata Ms Melinda Pavek, at the BrandEdge Conference on August 17,2022.



Award ceremony in the category of Global excellence in Talent - Strategy & Innovation.





The University of Engineering & Management (UEM) and The Institute of Engineering & Management (IEM) have been awarded with "Best Placements" by Zee Networks.



IEM receives the Economic Leaders East 2022 award on behalf of IEM by the Japanese Ambassadornand Times of India Group.

**IEM** signed a historic **MOU** with **IBM** to open the first **IBM** Center for Advanced Studies in India to enable students, faculty and researchers to work on the latest emerging technologies with **IBM** Cloud software.

# **ACHIEVEMENTS**

#### **MOU SIGNED WITH COMPANIES 2024-2025**

Organisation with which MoU is signed	Year of signing MoU	Duration	List the actual activities under each MOU year wise
LTIMindtree	2024	3 years	M.Tech Courses
Human & Emotion	2024	2 years	Skill development,knowledge transfer
The Art Of living (TAOL)	2024	4 years	live counseling for students and faculty Members.
ETS India private Limited	2024	Throughout the year	Higher Study
Springer	2023	1 Year	IEMRE Conference
Scholar Lab Foudation	2023	2 Years	Skill Development
Oracle Academy	2023	2 Years	Cloud platform distribution
SMS Group	2023	Life -time	Skill Development
Ramkrishna Mahato Govt Engg College dated	2023	3 Years	Technology and knowledge transfer
Organisation with which MoU is signed	Year of signing MoU	Duration	List the actual activities under each MOU year wise
Jadavpur University	2022	Life -time	Skill Development
Sorting Hat Technologies Private Limited	2022	1year	handson coding practice for students
AIP Publishing LLC	2022	1 Year	Publishing Collaboration
Prem Jain Memorial	2022	5 year	Skill development centre
D2O learning Pvt ltd	2022	2 year	Skill development centre
Cibertix Technologies Llp	2022	Through out year	Skill development centre

# **ACHIEVEMENTS**

#### FOREIGN COLLABORATIONS



IEM, Kolkata has foreign collaborations with the following Universities:

- ➤ Iwate Prefectural University, Japan.
- ➤ Esc Rennes School of Business, France
- ➤Brunel University, London
- ➤ University of Nevada, Las Vegas
- ➤ University of British Columbia, Vancouver, Canada
- ➤ Columbia University, New York USA

#### **IEM-UEM Signs MoU with Harvard Business School**

The IEM-UEM Group has signed a Memorandum of Understanding (MoU) with Harvard Business School (HBS) to deliver world-class HBS study materials, content, programs, and courses. This collaboration opens new avenues for students to access global learning resources and gain exposure to the best practices in business education, strengthening their academic and professional journey.

Several other MOUs signed are as follows:

- ➤ The University of Manchester
- ➤ University of Huddersfield, UK,
- ➤DE Montfort University
- ➤ESC RENNES SCHOOL OF BUSINESS
- **➤**MONTEPELLIER
- ➤ MOU with Saint Louis University and IEM
- ➤ISHRAE IEM MOU
- **≻**Coursera

# ACHIEVE MEN





# IEM ANNUAL AWARD CEREMONY

#### **Gold Medal Awards**

SL	MEDAL	NAME OF THE	DEPARTMENT
NO		STUDENT	
1.	BB GHOSH GOLD MEDAL FOR THE BEST STUDENT	PRATHAM OJHA	IT
2.	DR. SUDARSHAN CHAKRABORTY GOLD MEDAL AWARD FOR THE BEST STUDENT	ABHIDIPAN JANA	CSE
3.	CHANCELLOR GOLD MEDAL AWARD FOR OVERALL STUDENT PERFORMANCE	ANUSHKA MAJI	CSE
4.	NILANJANA PAUL GOLD MEDAL FOR THE BEST FEMALE STUDENT	MEGHNA BARDHAN	ECE
5.	MAYA CHAKRAVARTI MEMORIAL GOLD MEDAL AWARD	SAYAN DEY	ECE
6.	SHRI BIRENDRA KUMAR CHAKRABORTY GOLD MEDAL AWARD FOR THE BEST BCA STUDENT	DEBAHUTI BANERJEE	BCA
7.	SMT. BELA CHAKRABORTY GOLD MEDAL AWARD FOR THE BBA STUDENT	SAUBHADRA CHATTERJEE	BBA
8.	SHRI. BIRENDRA KUMAR CHARABORTY GOLD MEDAL AWARD FOR OVERALL MBA STUDENT PERFORMANCE	AKASHDEEP BHATTACHARJEE	MBA
9.	SMT. BELA CHAKRABORTY GOLD MEDAL AWARD FOR THE MBA STUDENT	SHALMALI CHAKRABORTI	MBA
10.	DR. ABHAYA PADA GHATAK MEMORIAL GOLD MEDAL AWARD	AYUSH BERA	EE
11.	MRS. MIRA GHATAK MEMORIAL GOLD MEDAL AWARD	SWAPNEEL CHAUDHURI	CSE
12.	SOUGATA MONDAL MEMORIAL GOLD MEDAL AWARD	MEGHA BISWAS	CSE (AIML)



# IEM ANNUAL AWARD CEREMONY

# Dr. Sudarshan Chakraborty Award for Best Student Performance

Sl No	Student Name	Dept
1	Spandan Sarkar	CSE(AIML)
2	Mayukh Majumdar	CSE
3	Satyaki Ghosh	CSE
4	Swarajit Dey	ECE
5	Raihan Khan	CSE(AI)
6	Atri Panda	CSE(AI)
7	Shek Diya Sarkar	IT
8	Pritha Saha	CSE(IOTCSBT)
9	Vidhi Mantri	CSBS
10	Reshab Chowbey	BBA
11	Swarthak Mandal	BBA
12	Prerona Paul	BCA
13	Sameer Anand	EE
14	Prajit Kumar Barik	EE
15	Vishal Verma	ME
16	Dibyadarsihi Das	EEE

#### **Director's Award for Best Scientific Mind**

Student Name	Dept
Risavdeb Patra	CSE(AI)
Rohit Maji	ECE
Agnish Arpan Das	ECE
Arijit Ghosh	AIML
Ayushman Nandi	CSBS
Arjun Ghoshal	CSBS
Anusmita Hait	CSE (IOT)
Poulami Pan	BCA
Rajdeep Das	EE
Shrestha Ghosh	CSE
Sharanya Chatterjee	ME
	Risavdeb Patra  Rohit Maji  Agnish Arpan Das  Arijit Ghosh  Ayushman Nandi  Arjun Ghoshal  Anusmita Hait  Poulami Pan  Rajdeep Das  Shrestha Ghosh



# IEM ANNUAL AWARD CEREMONY

#### **Director's Award for Techno Wiz**

Sl No	Student Name	Dept
1	Arunima Patra	CSE
2	Sayak Sarkar	CSE(AI)
3	Aritra Roy	CSE(AI)
4	Sampad Chakraborty	ECE
5	Agnibha Ganguly	ECE
6	Sabuj Ghosh	CSE(AIML)
7	Gourav Singh	BBA
8	Bidita Das	BCA
9	Sourik Bhuiya	IT
10	Anupam Tiwary	IT
11	Arkaprabha Laha	CSE(IOTCSBT)
12	Sai Kishan	CSE(IOT)
13	Koushik Kumar Mandal	EE
14	Sajudra Gupta	ME
15	Raj Agarwal	CSE

# Director's Award for Overall Student Performance

SL No	Name	Department	
1	Manjyot Singh Soni	ECE	
2	Shreyan Sarkar	ECE	
3	Rama Gupta	ECE	
4	Saikat Das	ECE	
5	Aniruddha Mallick	ECE	
6	Mrinmoy Mondal	ECE	
7	Soham Sengupta	ECE	
8	Arijit Nath	CSE(AIML)	
9	Tannistha Neogy	CSE(AIML)	
10	Parul Srivastava	CSBS	
11	Satyam Chaurasiya	BBA	
12	Ahana Nandi	BBA	
13	Shreya Sarkar	BBA	
14	Rajeshwari Gope	BBA	
15	Aindrila Kundu	BCA	
16	Ankita Sarkar	BCA	
17	Asmita Sinha	BCA	

# **AWARD**

















# **AWARD**















S



2024 -2025

IEM-UEM Marathon
IEMPACT
INNOVACION
Smart Maker Festival



The IEM-UEM Kolkata Marathon was successfully held on 16th February, 2025, and it turned out to be an extraordinary celebration of fitness, unity, and perseverance. Organized with great enthusiasm and dedication by the students of the Institute of Engineering & Management, Kolkata—fondly known as the Indian Warriors—the event stood as a powerful reminder of the importance of embracing the new normal and adapting to the challenges of the changing world. With an overwhelming response from the community, all 1,500 participation slots were sold out a full week in advance, underlining the growing popularity and significance of the event.

The marathon was not just a race; it was an emotion, a gathering of people from all walks of life, united by a common goal—to run with purpose. The event was filled with unforgettable moments that truly moved everyone present. These moments encapsulated the spirit of human determination, showcasing how ordinary individuals could achieve extraordinary feats through sheer willpower and resilience.





## **IEMPACT**



IEMPACT 2025, the annual cultural extravaganza of the Institute of Engineering & Management, Kolkata, unfolded in all its glory on 22nd and 23<sup>rd</sup> February, spanning an eventful and spirited weekend. Organized entirely by the students of IEM Kolkata, this year's fest was a vibrant celebration of creativity, talent, and community. With a dynamic blend of performances, competitions, and live entertainment, IEMPACT 2025 successfully reaffirmed its place as one of the most awaited and cherished events on the college calendar.

This year's edition featured a diverse lineup of ten exciting events that ranged from high-energy dance and soul-stirring music to thought-provoking creative writing and engaging on-stage performances. Each event offered students a chance to showcase their skills, compete with peers, and celebrate the power of artistic expression. The sheer diversity of talent on display spoke volumes about the creativity and enthusiasm of the participants. With over 500 students from various institutions participating, the fest witnessed an incredible convergence of passion, performance, and friendly competition.







Innovación 2025, the annual Techno-Management fest of the Institute of Engineering & Management, Kolkata, was successfully held at the IEM Management House from 7th-9th March, 2025. Organized with great passion and precision by the students and faculty of IEM, this three-day celebration of technology, creativity, and problem-solving once again reaffirmed its reputation as one of the largest and most impactful fests of its kind in Kolkata.

The event was graced by an esteemed panel of guests and our very own Director, Dr. Satyajit Chakrabarti. Their inspiring presence and insightful words set the tone for an event packed with intellect, innovation, and energy.

This edition of Innovación stood out for its sheer scale and variety of events. We proudly hosted three intense and engaging hackathons, where coders and developers showcased their skills in building scalable, smart, and innovative solutions to real-world problems. Innovare, our flagship event, once again stole the spotlight—offering students a prestigious platform to present their groundbreaking projects. These innovative models went beyond expectations, leaving the judges and audience awestruck.







The Institute of Engineering & Management has long been a passionate and consistent contributor to the Model United Nations community, fostering a culture of diplomacy, critical thinking, and global awareness among students. We were proud to present the muchanticipated IEM-MUN.

IEM-MUN 2024 took place from 13<sup>th</sup> September to 15<sup>th</sup> September, at the IEM Gurukul Campus,

Kolkata. Delegates gathered under one roof to engage in thought-provoking debates, formulate resolutions, and explore pressing global issues through diplomacy and negotiation.

This conference proved to be a powerful platform for young minds to exhibit their knowledge, interpersonal skills, and leadership capabilities. It challenged the patience, tested the resolve, and pushed the boundaries of intellect and composure of the delegates. More than just a competition, IEM-MUN is a space for collaboration, self-discovery, and meaningful dialogue, where students transform into global citizens.

IEM-MUN 2024 provided an opportunity to step into the shoes of world leaders and diplomats—and to explore, understand, and help solve the complexities of our world with clarity, compassion, and conviction.









The SMART Maker Festival is a unique, family-friendly celebration that brings together brilliant minds and curious hearts from across the world. Dedicated to the spirit of creativity, invention, and resourcefulness, the festival invites tech enthusiasts, engineers, scientists, artists, and hobbyists to share their passion projects, bold ideas, and inventive experiments under one collaborative platform. With a vibrant blend of technology, art, and innovation, it is a haven for makers of all kinds.

The 2024 edition of the SMART Maker Festival was successfully held on 21st and 22<sup>nd</sup> September, 2024, jointly organized by SMART Society USA and Canada in association with the IEM-UEM Group. The two-day extravaganza, despite the lingering effects of the global pandemic, saw overwhelming international participation. Students and professionals from countries such as the USA, UK, Germany, Nepal, Bangladesh, and Canada joined hands with some of the brightest minds from Indian institutions including premier IITs and NITs. Their collective enthusiasm and contribution made the festival a grand success in its own right.







Sports Day at the Institute of Engineering & Management is a much-awaited occasion that celebrates the essence of physical fitness, teamwork, and sportsmanship. Each year, students come together with pride and enthusiasm, kicking off the event with a spirited march past and a respectful salute to the national flag, setting the tone for a day of energy and excitement.

The campus comes alive with cheers as students compete in a wide range of athletic events, including the 100-meter dash, 4x100 meter relay, long jump, shot put, and the ever-popular tug of war. These events not only test speed, strength, and endurance but also highlight the determination and dedication of every participant.

The highlight of the day is the award distribution ceremony, where the top performers are recognized for their hard work and excellence. However, Sports Day is about more than just winning. It is a fun-filled celebration that fosters school spirit, brings students closer, and strengthens bonds of friendship and mutual respect.

In every race run and every cheer shouted from the sidelines, Sports Day reinforces the importance of a balanced, active lifestyle while building a sense of unity and pride among the IEM family.









In a touching tribute to their beloved seniors, the 2nd and 3rd-year students of our college came together to organize a truly memorable farewell celebration. The event served not only as a send-off but also as a celebration of the incredible journey our seniors have taken over the past four years. From stepping into college with dreams in their eyes to emerging as confident, accomplished individuals, this batch has been nothing short of exceptional—excelling in academics while also making significant contributions to campus life and culture.

The farewell evening was a beautiful blend of nostalgia, joy, and heartfelt emotions. Seniors were greeted with flowers as they arrived, and the college campus was transformed with stunning photo booths and decorative lighting—creating the perfect backdrop for capturing the last few memories on campus. Every corner echoed with laughter and the click of cameras, as students posed with friends and mentors alike.

To keep spirits high, food packets were served to all attendees, ensuring that everyone was well-fed and energized. The atmosphere came alive with retro-themed music and dance performances, showcasing the enthusiasm and talent of the juniors while adding a rich cultural flair to the evening. These performances brought waves of cheer across the room and reflected the vibrant student life that our seniors helped build.







On the evening of September 5, 2024, the students and faculty of the Institute of Engineering & Management, Kolkata, came together to celebrate Teachers' Day in honor of Dr. Sarvepalli Radhakrishnan, whose birthday marks this special occasion across the country.

To begin the celebration, a cake-cutting ceremony was held, presided over by Director Prof. Dr. Satyajit Chakrabarti, Principal Prof. Arun Kumar Bar, and Librarian Prof. Gauri Majumder. The event marked a warm and heartfelt start to an evening dedicated to the educators who shape the minds and futures of generations.

The cultural programme commenced around 5:00 PM, ensuring that the academic schedule remained uninterrupted during the day. Organized and performed by the 2nd and 3rd-year students, the event featured a variety of dance and music performances that added color, energy, and celebration to the evening. Every performance was a sincere expression of gratitude, carefully curated to entertain and appreciate the unwavering efforts of the teaching staff.

The joyous atmosphere, filled with applause and admiration, stood as a testament to the bond between students and teachers at IEM. It was an evening of celebration, respect, and heartfelt appreciation—an ode to the mentors who continue to guide and inspire.







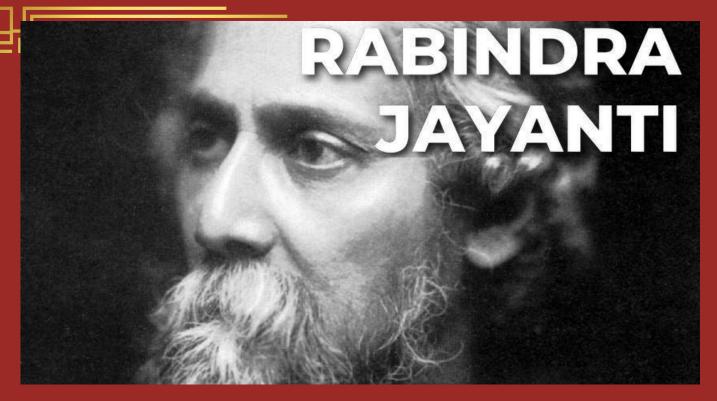




The campus of the Institute of Engineering & Management (IEM) burst into a kaleidoscope of colors, music, and dance, as it joyously celebrated Basanta Utsav, the festival of spring. The event transformed the academic grounds into a cultural hub, echoing with the spirit of Rabindranath Tagore's vision of spring and fostering a deep sense of community among students, faculty, and staff.

Basanta Utsav, literally "Spring Festival," is traditionally celebrated with great fervor in West Bengal, particularly inspired by the traditions of Santiniketan. IEM's rendition of the festival stayed true to its roots, emphasizing cultural performances, traditional attire, and the collective welcoming of the new season. The day commenced with a vibrant procession, where participants, predominantly adorned in shades of yellow and orange – symbolic of spring flowers and the sun – paraded through the campus. The air resonated with traditional Bengali folk songs and the rhythmic beats of 'dhak' (traditional drums), instantly setting a festive mood.

The central stage, beautifully decorated with floral arrangements and traditional 'alpana' (rangoli) designs, became the focal point for the cultural program. Students showcased an array of talents, beginning with a mesmerizing rendition of Tagore's iconic spring songs, performed by the institute's music club. Their soulful voices filled the atmosphere, evoking a sense of peace and joy. This was followed by captivating dance performances, including traditional 'Basanti' dances and contemporary interpretations, all celebrating the beauty and renewal associated with spring.



Rabindranath Tagore, the first Asian Nobel laureate and a towering figure in world literature, was born on May 7, 1861, in Jorasanko, Kolkata. Best known for his timeless work Gitanjali (Song Offerings), which earned him the Nobel Prize in Literature for its "profoundly sensitive, fresh and beautiful verse," Tagore was a true polymath—a poet, playwright, composer, philosopher, painter, and social reformer. As the pioneer of Contextual Modernism in Indian arts and a central figure in the Bengali Renaissance, his influence transformed Indian literature, music, and visual art, leaving behind a legacy that continues to inspire generations.

To honour the birth anniversary of Kabi Guru Rabindranath Thakur, a cultural programme was organized at the Institute of Engineering & Management (IEM), Kolkata, filled with heartfelt tributes and artistic expressions. The event, held at the Science Auditorium, Gurukul Campus, began at 4 PM. The evening commenced on a deeply elegant and soulful note with a chorus performance. Their rendition beautifully set the tone for what was to follow—a journey through the essence of Tagore's multifaceted genius.

The inaugural speeches were delivered by two of IEM's most esteemed leaders who illuminated the audience with reflections on the greatness of Tagore, while our director sir, eloquently spoke about Tagore's immense contribution to the world and his universal relevance even today.









DIVERSION 2025. organized the Department of Computer Science and Engineering at the Institute of Engineering & Management (IEM), Kolkata, collaboration with the ACM-IEM Student Chapter, was a dynamic open-source event designed to promote and celebrate student participation in the global open-source ecosystem. Over the course of two months, the witnessed over 500 participants contributing to 75+ projects spanning a wide range of domains including Artificial Intelligence & Machine Learning, web development, app development, Internet of Things (IoT), and robotics.







The Alumni Association of IEM (Institute of Engineering and Management) organized "ALUMNI MEET" at IEM Gurukul to reconnect with alumni and celebrate their achievements after two years of lockdown. Alumni meets were also organized in Paris, Singapore and USA.

The Alumni began arriving at 6:00 p.m., were registered, and welcomed by Prof. Sanghamitra Poddar. The event featured cultural programs, award ceremonies, and a cakecutting ceremony with Prof. Dr. Satyajit Chakrabarti. The alumni interacted with students, offering motivational talks on placements and higher studies, and shared their experiences. The evening included delicious snacks, an open-sky dining setup, and melodious singing performances. Alumni appreciated reconnecting with professors and batchmates, expressing gratitude for the memorable evening. The event concluded with a vote of thanks from faculty and students, acknowledging the support of IEM management in making Alumni Meet a grand success.





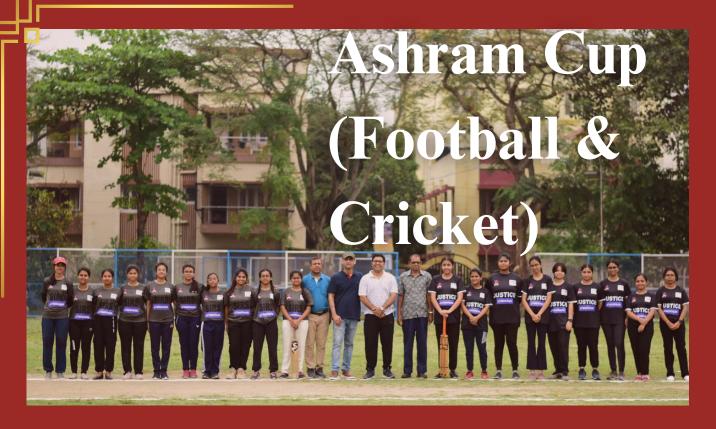
#### **IEM FREEDOM CUP**



The IEM Freedom Cup Football Tournament was one of the most spirited and eagerly awaited events of the year, bringing together students to celebrate the joy of football and the values of freedom, unity, and teamwork. Teams from different departments competed with passion and determination, delivering matches that were both intense and entertaining. Every game was marked by quick passes, powerful shots, and moments of brilliance that kept the audience engaged and energized. The cheering crowd, filled with enthusiasm, added to the electrifying atmosphere of the tournament. Beyond the competition, the Freedom Cup became a platform for students to bond, showcase their talent, and embrace the spirit of sportsmanship. The event concluded on a memorable note, leaving behind stories of resilience, camaraderie, and the unbreakable spirit of IEM







The Ashram Cup Football Tournament 2024, held on 25th August at the Vs Arena 2.0 (Stadel), was a grand celebration of sportsmanship, skill, and community spirit. The tournament featured 12 highly competitive teams, each vying for the prestigious title. The round-robin format ensured that every team faced each other, leading to a series of electrifying matches that kept spectators on the edge of their seats.

One of the key highlights of the day was an exhibition match between students and faculty members. This match was more than just a game; it was a showcase of the strong bond and mutual respect between students and their mentors. The friendly rivalry added a unique flavor to the tournament, with both teams displaying remarkable teamwork and enthusiasm, much to the delight of the audience.

After several hard-fought battles on the field, the tournament culminated in a thrilling final match. The Alumni team emerged victorious, defeating the BCA3 team in a closely contested game. Their victory was a testament to their experience and enduring connection to the institution, marking a proud moment for all former students.

The Ashram Cup Football Tournament 2024 was more than just a sports event; it was a vibrant gathering that brought together current students, faculty, and alumni. The tournament not only highlighted the football prowess within the institution but also reinforced the spirit of unity and camaraderie that defines the community.



Bengal E-Summit 2025, the second edition of IEM-UEM Group's flagship business event, was held on July 26-27 at IEM Gurukul Campus, Kolkata. Conceptualized by Dr. Subhabrata Banerjee, the summit aimed to ignite India's startup movement by offering a dynamic platform for young innovators to pitch ideas, network, and gain investor backing. Inaugurated by Dr. Bandanna Sen (DG, DGCIS) alongside eminent leaders like Dr. Subhalakshmi Ghosh, Mr. Madan Chakraborty, Mr. Nilanjan Ray, and Mr. Anup Das, the event featured hands-on workshops, live pitches, and mentoring sessions. Key sub-events included Investopia, Startup Expo, Pitch Perfect, This is Bizzness, Mind Master, and Chat JPG-each designed to inspire and challenge future entrepreneurs. The summit record saw participation and spotlighted Eastern India's emerging talent. By fusing innovation, collaboration, and opportunity, Bengal E-Summit 2025 reinforced IEM-UEM's role as a powerhouse for entrepreneurial excellence and sustainable business development.





# RNATIONAL <u> </u>

CONFERENCES



2024 -2025

UEMCON 2024
IEMCON 2024
IEMTRONICS
IEEE CCWC
IRTM 2024
EIRTM
AI IOT

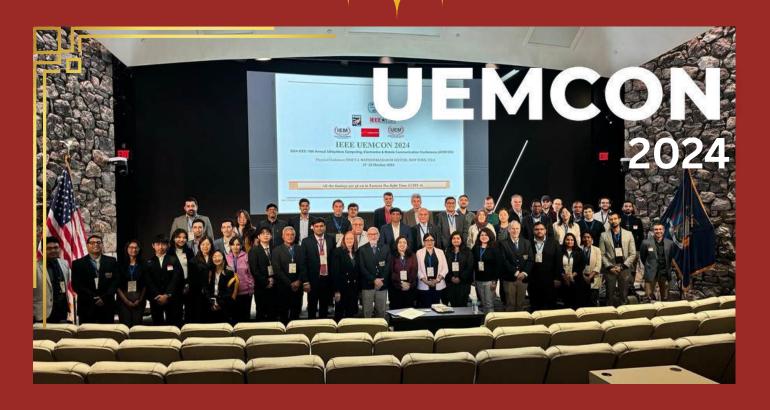


The IEM-UEM group attained an orbital shift in research excellence through the collaborative global conference IEMCON 24 (Information Technology, Electronics and Mobile Communication) in collaboration with IEEE and the famous University of California, Berkeley, USA.

he IEM -UEM 's flagship conference - The IEEE 15th Annual Information Technology, Electronics and Mobile Communication Conference 2024 (IEEE IEMCON 2024), 24th- 26th October 2024 is held at the renowned University of California, Berkeley, USA. This conference holds a prestige globally and the speakers from industry and academia emphasized on research related to the fields of Computing, Electronics, and Mobile Communication. The latest models of Artificial Intelligence, Generative AI, research progress by Open AI, Amazon Bedrock, Meta, Tesla, Google Gemini, ChatGPT, etc were presented in this conference.







prestigious very International The Conference IEEE UEMCON 2024 was held from 17th to 19th October 2024 at the esteemed IBM T.J. Watson Research Center. York USA, which provided opportunity for researchers, educators, and students to discuss and exchange ideas on developments trends, and issues. in Ubiquitous Computing, Electronics, and Mobile Communication

All accepted papers were presented physically during the parallel sessions of the conference and the accepted, presented papers were submitted for publication at IEEE Xplore® digital library (Scopus, Web of Science, and Google Scholar).





The 4th International Conference Interdisciplinary Research in Technical and Management (IRTM 2024) was organised from 5th-7th December, 2024 at NIT, Calicut by Institute of Engineering & Management (IEM). Kolkata and University of Engineering & Management (UEM), Kolkata and Jaipur, along with NIT, Calicut in association with Vijnana Bharati and supported by SMART Society, USA. The Chief Guest of the conference was Prof. Anil Sahasrabudhe, Chairman of National Educational Technology Forum of chairman EC National (NETF), Assessment and Accreditation Council (NAAC) and Chairman NBA, Ex-Chairman of AICTE.





The 15th IEEE Annual Computing and Communication Workshop and Conference (CCWC 2025), organized by IEM-UEM group, along with SMART SOCIETY USA and IEEE started at the University of Nevada, Las Vegas, USA, on 6th January 2025. The august gathering, including professors across the globe and industry personnel's, was addressed by Prof. Song Vuong (University of British Columbia)—General Chair; Prof. Charles Rubenstein (Pratt Institute)—Finance Chair; and Prof. Rajashree Paul (University of Engineering and Management)—Technical Program Co-Chair at the inaugural session. This conference had successfully gathered together scholars from different disciplinary backgrounds to emphasize dissemination of ongoing fields of research in the Computing Communication. A moment of silence was observed in memory of the Founder-President of IEM-UEM group, Prof. Satyajit Chakrabarti. Prof. Rajashree Paul, Director of Research at UEM lead the conference organizing team to successfully organize the IEEE CCWC conference.







The Institute of Engineering & Management (IEM), University of Engineering and Management (UEM), Kolkata, India, organized the European Conference on Interdisciplinary Research in Technology & Management (EIRTM 2025) held in Paris, France, from April 9-11, 2025. The event was conducted in association with The Photovoltaic Institute of Île-de-France (IPVF) and EMLV-The Leonard De Vinci Business School, Paris.

EIRTM 2025 focused on cutting-edge research in Artificial Intelligence, especially Agentic AI and its applications in technology and management. The conference addressed global regulatory efforts to ensure AI benefits society without causing harm. Out of numerous submissions, 42 papers from 26 countries were accepted, reflecting a competitive acceptance rate of 33.2%.

Keynote speakers included distinguished academicians and industry leaders. Prof. Dr. Sunil Sahadev, University of Sheffield, highlighted the increasing integration of technology in research and resilience. Dr. Elissar Toufaily from EMLV emphasized the growing interdisciplinary collaboration between technology and management domains. Prof. Chanakya Jayabardhna from the University of Surrey spoke on the exciting possibilities emerging at the technology-management interface for solving complex problems.

The conference provided valuable exposure and learning opportunities for IEM-UEM students, enhancing their academic and research experiences through international collaboration.





IThe IEEE World AI IoT Congress 2025 was successfully organized by the Institute of Engineering & Management (IEM) and the University of Engineering and Management (UEM) in Seattle, Washington, USA, from May 28 to May 30, 2025. The event brought together leading experts from academia, industry, and research labs to explore the convergence of Artificial Intelligence (AI) and the Internet of Things (IoT).

The inaugural session featured prominent leaders including Prof. Song Vuong (University of British Columbia), General Chair; Prof. Phillip Bradford (University of Connecticut, Stamford), Technical Program Co-Chair; Prof. Rajashree Paul (UEM), Technical Program Co-Chair; and Prof. Satyajit Chakrabarti (Director, IEM, and Pro Vice Chancellor, UEM). They highlighted the transformative impact of AIoT on future technologies.

Over three days, the conference offered technical sessions, keynote speeches, and workshops covering smart systems, AI-powered IoT networks, edge computing, and AI ethics. Keynote speakers included Dr. Snehasis Mukhopadhyay (Purdue University), Eve Psalti (Microsoft), Dr. Mahasweta Sarkar (San Diego State University), Dr. Luyuan Fang (Curative AI CEO), and Prof. Phillip Bradford.

Topics ranged from AI IoT architectures and algorithms to applications in healthcare, smart homes, industrial automation, transportation, and digital agriculture. The conference also addressed critical ethical and security concerns such as privacy, transparency, and accountability in AIoT systems.







The 3rd International Conference on Computational Intelligence, Data Science, and Cloud Computing (IEM-ICDC 2025) concluded successfully on the 12th of April, 2025, after two enriching days of insightful discussions, research presentations, and knowledge exchange. The conference was organized by the Institute Of Engineering and Management (IEM), Kolkata, and was held at the prestigious STPI - Software Technology Parks of India, Kolkata.

The two-day event featured keynote addresses by eminent experts from academia and industry, including thought leaders in artificial intelligence, big data analytics, machine learning, and cloud technologies. The technical sessions saw the presentation of peer-reviewed papers spanning a wide range of topics such as deep learning applications, intelligent systems, cloud-native computing, cybersecurity, IoT, and data-driven decision-making.







IEMTRONICS 2024 (International IOT, Electronics and Mechatronics Conference) which was held on 3rd – 5th April 2024 at the prestigious Imperial College London, UK. The conference aimed to bring together scholars from different backgrounds to emphasize dissemination of ongoing research broadly in the fields of IOT, Electronics and Mechatronics. Research papers were invited describing original works in above mentioned fields and related technologies.







2024 -2025

#### **WORKSHOP**



The IEEE IEM AP-S SBC successfully conducted a Paper Writing Workshop using LaTeX on 12th March 2025. The primary objective of the workshop was to introduce students to the fundamentals of LaTeX. highly efficient and professional typesetting system widely used for academic and scientific paper writing, especially for IEEE format publications. We were honored to have Prof. Assistant Bayrabi Ghosh. Professor of the Computer Science and Engineering Department, Institute of Engineering and Management, Kolkata, as the resource person for this session. She shared valuable insights and guided students through LaTeX basics. **IEEE** formatting, citation management, and commonly used templates with practical demonstrations. The event fulfilled its goal of enhancing students' academic writing capabilities and was a commendable step toward promoting research readiness. We extend our gratitude to Prof. Ghosh and look forward to hosting more such enriching sessions in the future.

No. of Total Participants: 75 No. of IEEE Participants: 30 No. of non-IEEE Participants: 45





#### **WORKSHOP**



A workshop on Robot Operating Systems (ROS) was conducted by Professor Dr. Uemura Wataru from Ryukoku University, Japan, at CII Auditorium, IEM Management House, Kolkata.

This was possible due to the collaboration between IEM and Ryukoku University, Japan. It was conducted by Professor Dr. Uemura Wataru, who shared invaluable insights and practical knowledge and hosted by Prof. Tanima Bhowmick, who made this workshop an enriching experience.







#### **SEMINAR**



"A panel discussion titled "Generative AI in Industry: Hope, Hype, or Reality?" was conducted by IEM-UEM Generative AI CoE. The esteemed panelists were Suman Kumar Saha, Mrityunjoy Sen, Prabuddha Samaddar, and Tamal Datta. The enthusiasm amongst the audience was also remarkable. The event was possible due to the dedication and tireless efforts of the IEM - UEM Generative AI CoE student leads







# AND S 2





The Entrepreneurship Development and Incubation Cell of IEM fosters innovation and invention by equipping students with entrepreneurial skills and offering comprehensive support. The startups incubated here cover a wide range of fields. Wealthy Waste, for example, transforms waste materials into everyday products, while Techax Labs is a digital agency offering technical and marketing services. Applex is a team of professional app developers providing solutions for app-related queries, and Zero Dollar Security specializes in cyber security solutions. Distronix is a group of tech enthusiasts focused on building robots and designing interactive interfaces. Other notable startups include XEQT, XCLence Corp, and Image Array.

The E-Cell of IEM instills an entrepreneurial spirit in students and provides a platform for them to create their own ventures, encouraging them to pursue their own ideas rather than following a conventional corporate path.



#### **IIC IEM**







Motorbikes are the most preferred option for city travel. Upon a quick survey, we found that the most common problem faced by riders is the discharging of their phone batteries. So Souhridya Bhattacharjee, a student of Institute of Engineering and Management, 4th year, has come up with a solution - solar Helmet. The prototype made by the young innovator allows the rider to charge his or her phone using solar power. The helmet has solar panels attached on the top that generates electricity from the light falling on the helmet. We are delighted at how our students are identifying problems and looking for solutions in everyday lives and objects. Here at IEDC, we have innovation at its best! The rising fuel prices constitute everyone's nightmare at present, not to mention, the rising pollution as a result of using them.

Everyone is thinking of switching to EVs, but one question makes them all raise doubts - what if there's no charging point at a place you exhaust your charge! Well, at least there is sunlight everywhere. Our student Souhridya Bhattachrya has come up with an idea to solve the problem, and to utilize the inexhaustible resource-sunlight. Solectro is a solar-electric hybrid motorcycle which can be charged with electricity as well as solar power. It is a leap towards changing to a future of a pollution free environment, and extensive use of EV.

Study Abroad Program



IEM-Study Abroad Program (SAP) is conducted with the goal of providing a global exposure, cross-cultural orientation & sensitization to foreign economies, and societies to all the students. This program has been engineered to give an experiential learning platform to the students of various disciplines. students of IEM-UEM Group through numerous industry/lab/university isits.

The students get hands-on experience of gaining knowledge of foreign culture, industry and economic dynamics. It provides the students with an opportunity to interact with foreign faculty, foreign corporate, foreign certifications and carry out extensive live projects. Special Certification modules delivered by Industry experts. It familiarizes students with industry dynamics and trends on a global scale.





#### Study Abroad Program



The Study Abroad Program at the University of New South Wales (UNSW), Sydney, was successfully completed from May 14 to May 18, with active participation from 103 students of the Institute of Engineering & Management, Salt Lake, Kolkata. The students showcased remarkable dedication and enthusiasm throughout the academic segment of the program.

During this international engagement, three significant conferences were organized: the 7th International Conference on English Learning and Teaching Skills (ICELTS 2025), the 4th International Conference on Advances in English Language Studies (ICAELS 2025), and the 3rd International Conference on Artificial Intelligence in Management for Business and Industrial Growth (AIMBIG 2025). These events facilitated valuable academic discussions and networking opportunities.

The program also paved the way for various opportunities, including internships, academic collaborations, and lab visits. Several Memoranda of Understanding (MoUs) were signed with academic institutions and industry partners, such as JOBGEN.AI and Strategy & Ops, enhancing future cooperation.

Students benefited from industry visits to key facilities like the Microsoft Innovation Hub Sydney, AR-VR Lab at UNSW, and the Origin of Life Chemistry Lab. These visits provided practical exposure, helping bridge the gap between theoretical knowledge and real-world industrial applications, enriching the overall learning experience.









The Indian Society of Heating, Refrigerating, and Air Conditioning Engineers (ISHRAE) operates across more than 44 Chapters and sub-Chapters throughout India, with its headquarters in Delhi. Our ISHRAE IEM Model Student Chapter is one among them. Let's take a brief look at this year's accomplishments within this chapter. The National Student Design Competition Challenge is a nationwide event organized by ISHRAE student chapters. From our chapter, eight teams participated and submitted their design documents to the Jury Panels, with one team securing the 1st runner-up position.

The Solar Decathlon India, conducted by the Indian Institute for Human Settlements (IIHS) and the Alliance for an Energy Efficiency Economy (AEEE) under the auspices of the Indo-US Science and Technology Forum (IUSSTF), saw participation from Team Nivas 2.0. This team, comprising 15 skilled students from the Institute of Engineering & Management, Kolkata, collaborated with numerous industry professionals. Their outstanding feasible solutions earned them the 1st runner-up spot in the Multi-family Housing segment, competing against various esteemed institutes nationwide.

In the National Hackathon Competition, our college team emerged victorious, securing a cash prize of 1 Lakh Rupees. This chapter also boasts achievements in the Prem Jain Memorial Trust, the SRPG National Level Competition, and other events. These accomplishments highlight the active participation and success of the ISHRAE IEM Model Student Chapter throughout the society year.



The IEEE (Institute of Electrical and Electronics Engineers) IEM Student Branch is one of the most prominent and successful branches at IEM. It offers numerous learning opportunities in engineering sciences, research, and technology through workshops, conferences, and various technical and cultural activities, promoting IEEE and technological advancement. By organizing diverse technical seminars, workshops, and conferences, it significantly contributes to the development of young professionals, helping them realize their full potential.

In 2020, La Vie En provided participants with a platform to express their emotions regarding their lockdown experiences. URJAA focused on showcasing the best in technical content creation through PowerPoint presentations. STACK was a tremendous success, featuring both technical and non-technical sessions. The TECHTALK series also garnered great success, offering participants engaging and informative webinars. TRINOYON, a pre-Puja cultural event, was a hit, with participants excelling in singing, dancing, and art.

ELEVATE, our first offline event in 2022, was a massive success with substantial participation and the presence of esteemed speakers such as Mr. Aravindan Anbazhagan, Mr. Ramneek Kalra, Mr. Subodh Gajare, and many others.

Our flagship events like Elevate 2k24, Converge 2025 and Questa 2025 were a tremendous success, attracting nearly 400 participants each. The event featured competitions, tech talks and workshops. With such achievements, the IEEE IEM Student Branch continues to excel, and we hope to set an example as one of the finest student branches in the future.







The IEM Coding Club is back with fresh concepts and ideas Previously focused solely on competitive coding, it has now evolved into a comprehensive club encompassing various domains. Whether it's web or app development, AI, machine learning, competitive coding, blockchain, or graphic design, IEMCC covers it all.

The club will organize several bootcamp sessions to provide an overall creative experience. Four sessions will be held each month to enhance problem-solving skills, including contest problem discussions to prepare members for technical interviews. As a coding club within a technical institution, we will host coding events, workshops, hackathons, and open-source coding contests.

Expert-led sessions will offer informative plenaries and insights into effective coding practices. The IEM Coding Club aims to provide a gateway for our institute's members to gain mentorship and assistance to improve their coding abilities. Join us on this exciting journey.

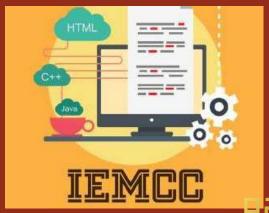
The Institution of Engineers (India) [IEI] is the largest multi-disciplinary professional body of engineers, dedicated to promoting the advancement of engineering among its members and affiliates. The IEI IEM Students' Chapter (EE) also strives to foster harmonious growth in engineering science.

Founded in 1920 and headquartered at 8 Gokhale Road, Kolkata-700020, the Institution of Engineers (India) was incorporated by Royal Charter on September 09, 1935, and remains the only professional body in India to receive this honor. Every year, September 09 is celebrated as Royal Charter Day by all IEI Centers, commemorating the day His Majesty, King and Emperor George V, granted the Royal Charter at Buckingham Palace, London.

The Electrical Engineering Department established this student chapter in 2017, and it continues to nurture innovative minds. ENGINIOUS is the annual flagship event of this chapter, featuring a poster presentation competition (POSTERNOVA), a paper presentation (TECHNOVATION), a circuit design and analysis competition (CIRCUITRIX), a quiz (QRIOSITY), and a problem-solving skills event (DEXTERED), among others.









The Institution of Engineers (India) [IEI] is the largest multidisciplinary professional body of engineers, established in 1920 with its headquarters in Kolkata. It was incorporated under a Royal Charter on September 9, 1935, by King George V. IEI and IEM have collaborated to form a student chapter, prioritizing mechanical students. This chapter offers opportunities for publishing papers, funding projects, and organizing events. Students can attend lectures by distinguished speakers and professors from various fields, including science, entrepreneurship, and business. They also benefit from the support and experience of alumni for their college projects and events, including Enginious.

Enginious, held under the IEM-IEI banner, is an event where students can learn about new innovations, publish journals and papers, and present project ideas. Since 2017, Enginious has been a major success, especially for the core branches of IEM. It integrates mechanical and electrical engineering to create one of the college's premier events. During the COVID-19 pandemic, IEI continued to bring events to students online, providing fun and informative competitions.



The Magazine Club of IEM serves as the creative and intellectual pulse of our institution, proudly taking on the responsibility of producing the annual magazine. Our club is a vibrant collective of enthusiastic students—writers, editors, designers, photographers, and artists—united by a shared passion for storytelling and visual expression. Together, we create a publication that mirrors the energy and diversity of life at IEM.

More than just a compilation of writings, our magazine is a colorful reflection of student life, capturing the academic journey, extracurricular vibrancy, and personal milestones of our peers. Each issue is thoughtfully assembled, featuring a wide variety of content—from insightful articles and evocative poetry to imaginative short stories and captivating artwork. We explore themes that resonate with our community, spotlighting achievements, campus events, and inspiring personal narratives.

Our design team plays a key role in shaping the magazine's visual identity, ensuring every page is both aesthetically engaging and reader-friendly. With the help of photography and illustrations, the magazine becomes an immersive experience that appeals to both the eye and the mind.

Bringing the magazine to life is a deeply collaborative process. From brainstorming and content creation to rigorous editing and careful layout design, every stage involves dedication and teamwork. It's a creative journey that brings together diverse talents and perspectives to produce something truly meaningful for the IEM family.

Through this platform, we aim to empower students to express themselves and share their unique stories and talents. We believe that every voice matters, and the magazine is our way of celebrating those voices. It stands as a lasting tribute to the creativity, effort, and passion of our student body.

Ultimately, the Magazine Club is more than a team—it's a community devoted to fostering creativity, unity, and expression. By documenting campus life and student experiences, we are not just producing a magazine; we are creating a legacy to be cherished for years to come.



The IEM Dance Club was founded with the goal of welcoming all students who are passionate about dance—whether they're eager to learn, refine their skills, or rediscover a long-lost love for the art amidst their busy schedules. It provides members with the chance to proudly represent IEM at esteemed competitions and cultural events.

The IEM Eastern Dance Team has played an active role in organizing vibrant dance performances on campus and has received recognition for its talent at IEM's annual cultural festival, IEMPACT. Meanwhile, the IEM Western Dance Team, Dcypher, has established itself as a leading name on the inter-college dance circuit, known for its dynamic and captivating performances.

Winners at IBS and ISI fests
Winners at the annual cultural fest IEMPACT
1st Runner-up at Adamas
2nd Runner-up at NIT Jamshedpur CulFest
2nd Runner-up at Amity University Kolkata





The IEM Music Club stands out as a truly special part of our campus community. From the very beginning, the club has been dedicated to nurturing musical talent, especially among junior members, while constantly pushing the boundaries of musical excellence. Since its inception years ago, it has grown steadily, fueled by passion and a deep love for music.

Music, the universal language understood by all—from animals and birds to humans—helps express what words often cannot. It conveys emotions in a way nothing else can, and our club channels this expressive power to create meaningful musical experiences. Our members are committed to taking this art form to new heights, driven by the goal of excelling in music and sharing their passion with the world.

The club actively participates in college festivals as well as external events, earning recognition for its exceptional performances. Our musicians and vocalists are versatile, mastering genres that range from contemporary and traditional to jazz, classical, beatboxing, and percussion. No musical style is beyond their reach.

One of the core values of the IEM Music Club is inclusivity. Every student, regardless of background, skill level, or musical experience, is welcomed and encouraged to grow. The club provides a supportive platform for students to refine their musical talents and showcase them at various events and competitions.

What makes our journey even more enriching is the unwavering support from the college administration and our professors. They consistently back us in both our academic and musical pursuits, allowing us to thrive in both arenas

Music unites us across disciplines and differences. At IEM, while students may come from various academic streams, they come together as one through music. The IEM Music Club is a space where this unity is fostered, and where the shared love for music becomes a driving force for creativity and growth. We invite all students to join us—let's grow together, make music together, and keep the passion alive.



CHORUS - The Drama Club of IEM has been playing a great role in enriching the artistic and cultural fabric of the institute since 2016. In this era of chaos, they're finding peace through art. They believe even if the world fails you, love for art never will. With a deep passion for theatre, the members of the Drama Club explore a wide range of genres, from thought-provoking social dramas and classical pieces to contemporary skits, street plays, and satire. Every performance is the result of intense rehearsals, creative brainstorming, scriptwriting, direction, and seamless teamwork, reflecting both artistic discipline and emotional depth.

The club not only performs at college festivals such as IEMPACT but also represents the institution at inter-college drama competitions and cultural meets, consistently earning appreciation and accolades. They glorified the institute's name many times. Being 1st Runner Up at a Theatre Festival of Presidency University, 1st Runner Up at Theatre Festival of Bhawanipur Education Society College, 2nd Runner Up at Sanskriti of Jadavpur University along with getting individual awards and recognition such as - Best Actor (Male) [Theatre Festival - Bhawanipur Education Society College], Judges' Appreciation [Anubhuti - Heritage Institute of Technology] has made us proud at many levels. Their ability to captivate audiences, raise awareness on social issues, and evoke a wide spectrum of emotions sets them apart.

What truly defines the IEM Drama Club is its inclusive spirit and collaborative nature. Students from all departments and backgrounds come together with a shared love for theatre, learning from one another and growing together as performers and individuals. It is a safe space for self-expression, confidence-building, and discovering the transformative power of performance art. CHORUS believes that this love for performance art is not only helpful for theatre but also helps them in personal life.

Supported by faculty mentors and the college administration, the club continues to thrive as a creative outlet for students to voice ideas, challenge perspectives, and connect with audiences. Through every script, character, and stage moment, the Drama Club of IEM celebrates the magic of storytelling and the enduring impact of theatre.

CHORUS is not just about acting or performing of stage. It's about a vision, a philosophy which tells that there's life beyond reality where one can explore as much as he/she wants and that experience is capable of shaping someone into a better person and overall build a better society through art.







The Art and Craft Club of IEM is a vibrant hub of creativity, imagination, and self-expression. It provides a welcoming space for students who are passionate about visual storytelling, handmade creations, and exploring the beauty of art in all its forms. Whether you're a seasoned artist or someone simply eager to try something new, the club encourages everyone to pick up a brush, a pencil, or even recycled materials—and create.

The club regularly organizes workshops, exhibitions, and collaborative projects where members can learn new techniques—from sketching, painting, origami, and quilling to DIY crafts, calligraphy, and mural making.

Beyond personal exploration, the Art and Craft Club plays a crucial role in enhancing the cultural life of the campus. We design posters, stage backdrops, décor for events, and installations that add vibrancy to college festivals, competitions, and celebrations. Every corner of creativity on campus often has the touch of our members' dedication and artistic flair.

What sets our club apart is its belief in art as a universal language—capable of bringing people together, sparking conversations, and driving positive change. We welcome students from all academic streams and skill levels, believing that everyone has an inner artist waiting to be discovered.



The Quizzard Club of IEM is widely recognized as one of the most intellectually engaging and dynamic student-led societies on campus. Known for its sharp focus on general knowledge, critical thinking, and quick wit, the club has cultivated a vibrant quizzing culture that attracts some of the brightest minds across various departments.

Established with the aim of promoting curiosity, awareness, and analytical thinking among students, the Quizzard Club has consistently delivered high-quality quizzes, both intra-college and inter-college. From current affairs, science, and literature to pop culture, mythology, and history—no topic is off-limits for these knowledge enthusiasts. The club not only celebrates academic excellence but also encourages lateral thinking and a healthy spirit of competition.

The members of the Quizzard Club are known for their dedication, team spirit, and ability to turn knowledge into an exciting and collaborative experience. They are frequently seen organizing quiz competitions during fests like IEMPACT, special thematic quizzes, and workshops aimed at grooming new quizzers.

Over the years, the club has earned a solid reputation in the inter-college quizzing circuit, with many of its teams securing top positions in various prestigious events. Beyond accolades, what truly sets the Quizzard Club apart is its commitment to fostering a love for learning that goes beyond the classroom.



The IEM Pet Society, established in April 2019, is led by Professor Sanghamitra Poddar and funded by our Director, Satyajit Chakrabarti Sir. Our goal is to unite students from various backgrounds and minorities, organizing pet meets to provide food, shelter, and medical care for stray dogs and cats around Sector V and Salt Lake. We host a variety of events and collaborate with charitable organizations, offering volunteer opportunities to our members. We encourage students to join us and volunteer to help improve the lives of these animals. On our club's first day, we fed 25 dogs, and this number grew to 45 by the end of two months. A team from Radio Mirchi visited our campus, creating a video about our initiative that was aired on their radio channel and RJ Agni's Facebook page. The COVID-19 pandemic greatly impacted stray animals, but this did not deter us. The IEM Pet Society fed up to 100 dogs daily during the lockdown. We have continued to provide food and medical care throughout this time, with volunteers handling vaccinations and medical emergencies. Adoptions have steadily increased, and support for our team's work has grown.

From feeding puppies to sharing posts and facilitating adoptions, the IEM Pet Society has made significant progress



The Rotary Club of IEM stands as a shining example of service, leadership, and social responsibility within the campus community. Aligned with the values of Rotary International, this student-led initiative is dedicated to fostering humanitarian efforts, developing leadership skills, and building a culture of empathy and action among young minds.

Driven by the motto "Service Above Self," the club actively engages in community service projects, awareness campaigns, and outreach programs that address pressing social issues—from health and hygiene drives to educational support for underprivileged children, environmental sustainability, and blood donation camps. The club also regularly collaborates with local Rotary chapters and NGOs, making a tangible impact both within and beyond the campus.









The Lions Club of IEM is a vibrant student-led chapter affiliated with Lions Clubs International, one of the world's largest service organizations. Rooted in values of empathy, leadership, and social responsibility, the club empowers students to engage in meaningful community service beyond academics. It organizes impactful initiatives such as health camps, awareness drives, educational support for underprivileged children, and aid for the differently-abled. With strong collaboration with parent Lions Club branches and unwavering support from IEM faculty, the club offers students a platform to grow as compassionate and proactive leaders. Recognized both on and off campus, the Lions Club of IEM continues to inspire change through service, unity, and a commitment to building a better society.









The Toastmasters Club of IEM is a premier platform for students looking to master the art of communication, leadership, and public speaking. As part of the globally renowned Toastmasters International network, the club empowers students to become confident speakers and inspiring leaders through a structured and supportive learning environment.

Since its inception, the IEM Toastmasters Club has played a transformative role in the personal and professional growth of its members. The club conducts regular sessions where students practice prepared speeches, impromptu speaking (Table Topics), and constructive evaluations—all aimed at building clarity, confidence, and charisma in communication.

One of the club's greatest strengths lies in its mentorship-driven approach. Experienced Toastmasters guide newer members, offering feedback and encouragement that helps them overcome stage fright, improve body language, and develop persuasive speaking skills. The club fosters a culture of continuous improvement, where every meeting becomes a stepping stone toward excellence.

Beyond individual development, the club actively participates in intercollegiate speech contests, leadership summits, and events hosted by Toastmasters districts, often bringing home accolades and recognition. These opportunities not only help students sharpen their skills but also expand their networks with like-minded communicators from across the region.

Backed by the unwavering support of the IEM faculty and administration, the Toastmasters Club has grown into a vibrant community of articulate, driven, and confident individuals. It serves as an ideal space for students from all academic streams to find their voice, share their ideas, and lead with purpose.

At its heart, the IEM Toastmasters Club is more than just a public speaking platform—it is a launchpad for future leaders, changemakers, and effective communicators ready to make their mark on the world.





#### **Honoring the Voices of Excellence**



**Distinguished Dash Award** 



**Golden Growth Award** 



**Club Excellence Award** 



TM Rohini appreciated for her role as Area Director





Toastmasters Leadership Institute (January 2025) at IBM Executive Committee Installation Ceremony Jan-Jun 2025



TM Anurag awarded with Best Debut -Male award at TOSCARS



TM Barshana awarded with Best Debut - Female award at TOSCARS



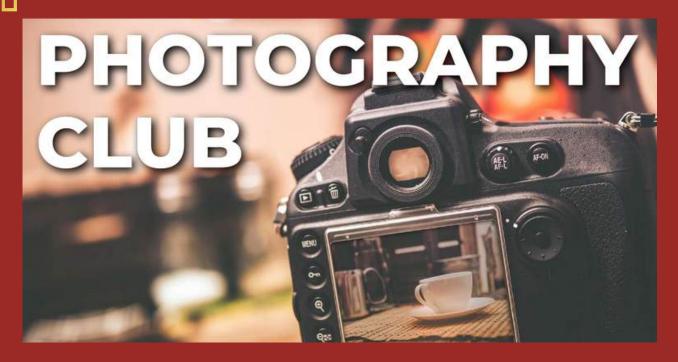
TM Ayantika awarded with Best Storyteller award at TOSCARS



TM Ayantika Chakraborty represented IEM Toastmasters Club at the **District 124 Finals of International Speech Contest and Evaluation** Contest.

TM Barshana Chatterjee represented IEM Toastmasters Club at the District 124 Finals of Online Speech Contest and Table Topics Contest.

They emerged Champions at Club Level, Area Level and Division Level to progress to the District Level. District 124 serves India, Bhutan and Bangladesh.



The Photography Club of IEM is where passion meets perspective—an inspiring community of students united by their love for capturing the world through the lens. More than just a club, it is a creative haven for budding photographers who seek to tell stories, freeze emotions, and highlight beauty in everyday moments. Whether it's the vibrant energy of college events, the quiet charm of campus life, or the raw emotions of street scenes, members of the Photography Club have a keen eye for detail and a deep understanding of visual storytelling. Their photographs often speak louder than words, blending technical skill with artistic vision. From covering major college fests like IEMPACT to conducting photowalks, exhibitions, and thematic contests, the club is always buzzing with activity. It also hosts workshops and training sessions, helping members learn the nuances of photography—ranging from composition and lighting to editing and equipment handling.



# <u>ト</u>



2024 -2025

Wealthy Waste Sconto



Wealthy Waste was established in 2019 with a mission to reduce plastic consumption. This initiative was launched by Founder Sayak Acharjee, along with Co-founders Anish Pyne and Zainab Sultan.

Wealthy Waste develops its products using recycled materials, making them nearly completely biodegradable. By utilizing items like paper and cardboard, they focus on promoting sustainability and enhancing the reuse of waste.

Some notable recognitions & milestones:

- Wealthy Waste has been acknowledged as one of the top student-led startups in India by the
  Wadhwani Foundation and at the state level. The Institute of Engineering and Management,
  Kolkata, awarded it the title of Best Student Startup. The initiative has gained appreciation from
  institutions like MKH Sancheti Public School, NIT Silchar, NIT Patna, TEDx SNU, and
  IIESTS. It has also collaborated with organizations such as The Art of Living Foundation and
  Nava Jeevan Lakshya Foundation. Wealthy Waste's efforts have been featured in several reputed
  media outlets (Lokmat Times and The Telegraph).
- Founder Master Sayak Acharjee was honored with the Best Paper Award at ICCAES 2019 for his work on the concept "Waste is Innovation." Co-founder Zainab Sultan was a semifinalist in QS I Gauge's Re-Think Tank event (national level).
- Wealthy Waste is also known for hosting impactful and widely appreciated youth events such as "PERVALLON 2020," conducted in collaboration with 50+ brands, 40+ institutions, and 20+ entrepreneurs. With over 1000 participants, this platform was designed to fuel the ideas of young entrepreneurs and startups by offering guidance and mentorship, aligning with the vision of Atma-Nirbhar Bharat (Self-Reliant India).

And all success credit of this venture goes to the eminent, hard & smart working team members: Sanchita Hazra, Prateek Majumdar, Madhurima Mukherjee, Harshit Anand, Rohit Reddy, Swapnamoy Das, Sayan Samanta, Sayani Dey, Subhranit Kundu, Sayanti Dutta, Shreya Dutta, Mayukh Ghosh & Rohini Dasgupta.





#### **TEAM WEALTHY WASTE**



Sayak Acharjee



**Anish Pyne** 



**Zainab Sultan** 



**Prateek Majumdar** 



**Harshith Anand** 



Madhurima Mukherjee



**Rohit Reddy** 



Sanchita Hazra



Sayan Samanta



Sayani Dey



**Swapnamoy Das** 

# SCONTO

Sconto is India's biggest student lifestyle community, established by IEM alumni Sourav and Sohang. It aims to bridge the global gap between the student tribe and business world. Using its KYS (Know Your Student) technology, Sconto verifies student identities and enables hyper-targeted outreach by brands—local, national, and international—across all domains, both online and offline.

Sconto is designed to simplify student spending and daily life, offering unmatched features in the market. With €150k in pre-seed funding and a current valuation of \$2.5 million, the startup continues to grow rapidly and scale new heights. Its goal is to empower and support the Indian student ecosystem.

The Sconto A-Team includes around 20 dedicated members, supported by IEM alumni like Sohan and students such as Debjeet, Aritro, and Arpan. The passion and vision of Team Sconto have even caught the attention of international investors. Their aim is to create a truly unique product, and they continue to push boundaries daily to innovate across all aspects of the venture.



# ZERO DOLLAR SECURITY

Sohang Sengupta, the visionary behind ZeroDollarSecurity and the CEO of Cibertix Technologies LLP, has always been passionate about cybersecurity—right from his high school days. His deep interest and early achievements, including being selected for the KWHS Top 30 Young Leaders by the Wharton School of Business, helped him land his first internship with a leading NIFTY 50 company even before college. This experience instilled in him the value of cybersecurity as a tool for innovation and business growth.

He soon became the youngest member of IEM's Innovation and Entrepreneurship Development Centre (IEDC), backed by DST, Govt. of India. In his second year, he founded IEM's first Cyber Security Cell under IEDC and secured internships with RSA Security and DELL-EMC. With expertise in software product development and the cybersecurity lifecycle, he launched ZeroDollarSecurity—India's first fully crowd-sourced and crowd-skilled cybersecurity startup.

ZeroDollarSecurity's goal is to empower enterprises—particularly small and medium ones—by providing accessible and affordable cybersecurity tools. True to its name, it offers students mentorship and resources for free. The startup is building a dynamic ecosystem where real-time challenges from the industry are solved while supporting budding entrepreneurs.



Sohang's long-standing goal has been to institutionalize the Triple Helix Model. While ZeroDollarSecurity operates primarily online, it also runs several offline student chapters at renowned institutions like NIT Durgapur, Jadavpur University, and IEM. These colleges utilize ZDS's materials and handbooks—validated by industry experts—for comprehensive student development.

Over 500 students and multiple professionals from India's top IT firms have been trained by ZeroDollarSecurity. New chapters have been launched in Tamil Nadu and Telangana, with Delhi and Pune next in line.

Sohang's startup was chosen for the MIT Bootcamp for Innovation and Entrepreneurship and is recognized by CIO Insider India as a Top 10 Indian CyberSecurity Service Provider (2020). He also serves as the Chief CyberSecurity Mentor at Jadavpur University's Centre of Excellence.

One of the biggest challenges he faces is explaining how a startup that offers free education and no visible revenue stream sustains itself. Sohang breaks it down into a "three-pronged model": cross-learning, training the trainer, and leveraging the community's talent pool through its parent body, Cibertix Technologies LLP. Members learn from and train each other, multiplying the outreach exponentially. A portion of Cibertix's earnings helps sustain ZeroDollarSecurity, supporting innovative, cost-free initiatives that nurture talent. This cycle ensures value creation while empowering India's young cybersecurity minds

# MENTRO: India's First Social Upskilling Platform

Slaideep and Debayan, two enthusiastic and tech-savvy minds from Kolkata, are the brains behind Mentro. Jaideep Prasad, Mentro's CEO, brings rich experience from renowned companies such as Vedantu, Jio, Google, and Trell. He also received the prestigious Gaur & Chopra grant, awarded by Paras Chopra, CEO of Wingify.

Debayan Ganguly, Mentro's CTO, turned down offers from leading firms like Amazon and Google (California and Dublin) to dedicate himself fully to Mentro's mission.

Mentro connects learners with content creators and mentors in the software engineering space. It's designed to help users boost their skills, ace interviews, and land offers from top companies like Google, Amazon, GoJek, CRED, and many more. The platform offers personalized 1-on-1 live sessions, community-based programs, and access to mentors tailored to your goals.

In a world dominated by noisy social platforms, Mentro stands out as the ultimate destination to grow and upskill—socially and smartly.







Entrepreneur | Founder, Director at Darkish Red Ventures Pvt. Ltd®, Techtora Consultancy Pvt. Ltd. And Upraised®

My name is Shrestha Majumdar, and I'm an entrepreneur with over five years of experience building and leading ventures across human resources, digital transformation, and language-tech innovation.

I began my journey with a people-centric HR-tech startup, followed by a consulting firm that focused on digital outreach and public sector collaboration. My third and current venture — Darkish Red Ventures Pvt. Ltd. — is deeply rooted in research and development, with a focus on linguistic and cultural documentation, language learning systems, and regional LLM/SLM innovations. We've worked extensively with the Government of West Bengal and other public bodies, creating impact through technology, culture, and education.

While my academic journey at Institute of Engineering and Management (IEM), Kolkata helped build my technical foundation, it was my co-curricular involvement that truly shaped my leadership. Under the mentorship of Dr. Malay Gangopadhyay and Dr. Sanghamitra Poddar, I was trusted with leading high-stakes events, managing teams, and handling critical situations — experiences that mirror my role as a founder today.

From handling delegates to managing backstage chaos, those formative years taught me the art of execution, empathy, and team dynamics. Today, as I lead my own companies and teams, I realize how invaluable those lessons were.

I am deeply grateful to my department, my professors, and my college for trusting me early on and giving me the platform to grow — not just as a student, but as a future entrepreneur.





Executive Director | I Educate Myself Daily Foundation & deSolXperts Research & Development Private Limited | Social Entrepreneur

My name is Sugato Kundu, and I am deeply passionate about creating lasting, meaningful impact through social entrepreneurship. After completing my schooling at Baranagore Ramakrishna Mission Ashrama High School and graduating from the Institute of Engineering and Management (IEM), Kolkata, I embarked on a journey that was close to my heart — to empower students to become financially stable and self-reliant during their college years. This, in turn, allows them to pursue their true aspirations — whether that be higher studies, entrepreneurship, or a career of their choosing — with freedom and confidence.

My values were shaped early in life by the teachings of the Ramakrishna Mission, where I learned the principle of working selflessly, without expectation. These ideals, coupled with a problem-solving mindset and a strong foundation in technology gained from IEM, instilled in me a deep desire to serve the student community in a practical and transformative way.

With this vision, I founded two organizations:

I Educate Myself Daily Foundation and deSolXperts Research & Development Private Limited. Both are focused on fostering academic and financial independence among students through innovative, in-house developed generative AI technologies. Our mission is rooted in rigorous research and development, aiming to offer students tools and opportunities to grow — not just academically, but also economically — while still in college.

This journey has not been easy, but I have been incredibly fortunate to have the unwavering support of my family throughout this bootstrapped venture, as well as the invaluable mentorship of Prof. Avijit Bose, whose guidance has illuminated this often-challenging yet fulfilling path.

I am deeply grateful for every step of this journey and remain committed to building a more empowered, self-sufficient student community — one learner at a time.

Warm regards,
Sugato Kundu
Executive Director
I Educate Myself Daily Foundation
deSolXperts Research & Development Private Limited



Founder @ Veryze Technologies Pvt. Ltd. | IEM alumnus (Dept. of ECE, Batch 2019-23)

I'm Aritro Pal Choudhury, founder of Eigen (Veryze Technologies Pvt. Ltd). As an entrepreneur, I am driven by a passion for solving business challenges with innovations grounded in cutting-edge research.

My journey began with the founding of Datascend, a software and analytics consulting agency. We had the privilege of partnering with a diverse range of clients—from EV companies to esteemed universities—helping to translate their ambitious visions into tangible reality. This experience brought me to the runway, and I am immensely grateful for the foundational support I received from the Institute of Engineering and Management (IEM), Kolkata. The mentorship from professors was invaluable in teaching me how to navigate the complexities of building something from scratch.

While building my first venture, I remained deeply engaged in AI research at the Indian Statistical Institute (ISI), Kolkata. My research and entrepreneurial endeavours paved the way and inspired me to bridge the gap between research and business. This led to the creation of Veryze Technologies Pvt. Ltd., and our first-ever product, Eigen.

Our vision at Veryze is to propel your work experience beyond the conventional limits of speed and efficiency. With Eigen, we are on a mission to re-imagine User eXperience, creating a truly intuitive and powerful collaboration between human creativity and artificial intelligence.

#### Warmly,

Aritro Pal Choudhury
Founding Director
Veryze Technologies Pvt. Ltd.
(https://eigen.so/)

# E E C H S REA



2024 -2025

English Talk Drama – Shruti Natok

# STORY OF FATHERLY LOVE IN AFRICA

#### Introduction

1) Gora Chakraborti- A teaching faculty in IEM (Institute of Engineering & Management), Kolkata.

I have composed the drama, Directed and acted.

2) Ishita Dey – A teaching faculty in IEM (Institute of Engineering & Management), Kolkata, she has

acted and edited some portions of the drama.

#### Characters:

- 1) Ugamba- Now 55 --- Illiterate but dare devil, Speaks Broken English
- 2) Isha Now 25---- Highly Educated, Speaks fluent English. Born in Africa. By origin Indian.

The drama starts about Ugamba when he was a boy.

Ugamba – I was in Niger, Africa. Very very poor place. Everybody Fighting and fighting. Boy fight boy man fight man. I was a poor boy. No mother.

Father beat and beat me, I cry, I fight my enemy, one enemy boy died.

Isha- How did that happen?

Ugamba - I hit him on head, he dead, I run, run and run, then I in train. I am safe. many boys in train sing. I sing.

'Shosholoza

Ku Lezontaba

Stimela Sipum'e South Africa'

Isha- What a lovely story! Looks like you were dare devil even as a boy!

Ugamba- A man say ticket, I say no money, no ticket. He said –get down, I get down.

Isha- Oh.. without ticket.

Ugamba- No food, no food. run. I run. One day, two day. I very weak, very weak.

Your father help me. Gave me food . Gave me shel , shel ...

Isha- Shelter

Ugamba - Yeah yeah shelter

Isha- Oh! So, this is how you met my father. You became friends with him.

Ugamba- No friend. Body guard, bodyguard.

Ugamba- Good Good, very good.

Isha- All of a sudden my father shouted, "Ugamba! Catch my daughter and run away! Quick!. He also asked my mother to run with my baby brother.

I remember closing my eyes. The next thing I knew, I was clinging to your back in fear,

Ugamba. And everything else just went blur after that.

Ugamba- They attack your Mom and Brother, I violent. I kill two enemies with my dagger . But they already kill your mother and Brother.

Isha - Oh.. my God! How ghastly!

Ugamba - The leader attack your father on head very serious, very serious. Father very pain, very pain. I hit the leader with dagger but he ran.

Isha - Ohhh no! What happened then?

Ugamba - Next day Hospital. Father dying . Father called you Isha and Ugamba . Before death father told me "Ugamba I am gone now you will be her father not God father ".

Isha – Yes, I remember, I remember that my dear Ugamba. Father also told me before dying "Isha my dear daughter, teach Ugamba how to read and write. Teach him good English and Arithmetic."

Ugamba- Arithmetic I could never . ha ha haaa.

Isha - But Ugamba, people will cheat you if you do not learn arithmetic!

Ugamba- no no no . They fear my dagger . I honest , I no cheat them . They no cheat me.

Isha – That is all very good, but as I grew up, my boy friends never visited our house only because they feared your dagger! Only my female friends dared to step foot into our house.

Ugamba- Your boyfriends bad, they no love you. they love you body.

Isha - Ugamba, I am old enough to take care of myself and protect myself from bad boys and men!

Ugamba- When you became more senior you went to America . I got very pain .

Isha - Yes. I had to. There wasn't a single university here that offered higher education in my specialised subject.

Ugamba- Edu, ohhh. I know, reading books good. You missed me? Isha- Of course I did, Ugamba! Yes, I did find that in America, my studies and learning was rather good but it is such a shame that only the body of the people there was white. Their minds,...huh! Plain black. All they truly love is money.

# **WRITE-UPS**

Ugamba- Very bad, very bad.

Isha - Please don't mind, one question.

Ugamba- Yes.

Isha - But why did you not marry?

Ugamba- I loved the girl , I was ugly but she loved me , she told me. You are honest, Ugamba your mind beautiful, I loved her very much , I thought marriage but she died .

Isha- Poor dear! How did that happen?

Ugamba- Accident, Car accident. I caught the man. I kill that man.

Isha- I am very sorry, I should not have asked you this question.

Ugamba- Alright, alright but many night I saw her in sleep talk to me. Now forget it. Today your birthday 25. Here is cake.

Isha- How wonderful! I must thank you for this gesture, Ugamba. "Lallaa, lallaa, lori doodh ki atori Doodh men bataashaa, munni kare tamaashaa"

Ugamba – You are 25, I am 55

55 and 25

25 and 55

Isha- Let us cut the cake you brought for me. Where's the knife? Oh! Here it is.

Ugamba- (No Knife).... Hold my dagger, cake cutting with dagger.

Isha- How funny! Then first you must practice to have dinner not with a spoon, but with your very dagger.

Ugamba- That need two dagger.

Ugamba – Who is that? why knocking door? WE ARE POLICE! OPEN UP!

Isha- Why is the police knocking a gentleman's door?

Ugamba - Who is Gentle man?

Isha- Why, you?!

Ugamba - Me! Gentle man .... Ha ha ha

Ugamba - Lady police?

Isha - Ugamba, how many people did you kill?

Ugamaba - 1..2 3 .4, I killed 4. You none

Isha- No, you are wrong; I have blood on my hands as well. I killed a man during my stay in America.

Ugamba - How?

Isha- He was a young American man, who was my friend. A really good friend. Or so I thought. One day, all of a sudden, he said, "Isha I want to make love to you". I was surprised and taken aback! I asked him, "D...does that mean you want me for my body?" He said, "If that's what you think, then it is so." Ugamba- Very bad. Very bad

Isha -I had to think fast. We were standing near a desolate valley when I said "OK, prepare yourself, relax." Little did he realise that I was boiling with hatred, pure....red....hate! In the fit of the moment, I gave him a gentle push. A scream erupted from his mouth, followed by a thud and all went silent after that. It was the very next day that I left America and came back home to you.

Ugamba- My God!, no no you not killed him, I killed him. So total I killed 5, you killed zero.

Isha – How is that possible? The murder happened in America! I committed it! Ugamba- No problem . I went America - false document. It is possible, killed him and came back. Just tell me the date. Tell the place.

Isha- Oh Ugamba, let us cut the cake and make one last happy memory alongside each other.

 $\label{thm:local_problem} Ugamba \text{ - After cake cutting vanish the dagger but the date I want. } \\ Isha-I will have to think about it.$ 

Ugamba – No thinking. You give me the date and place.

(Heavier knock)

WHAT'S GOING ON INSIDE? WHY AREN'T YOU OPENING THE DOOR?

TOLD YOU WE ARE POLICE!

WE WILL BREAK OPEN THE DOOR.

Video of this Drama has been uploaded. To enjoy the Video, click in the following Link and subscribe:-

YouTube Link- <a href="https://youtu.be/C8p53bcoKNY">https://youtu.be/C8p53bcoKNY</a>

# The Future of Electronic Music Production

# **WRITE-UPS**

The world of electronic music production is constantly evolving. New technologies are emerging all the time, and producers are finding new ways to use them to create innovative and exciting sounds.

In this article, we will take a look at some of the latest trends in electronic music production. We will discuss new software and hardware, as well as new techniques and approaches.

One of the most exciting trends in electronic music production is the rise of artificial intelligence. AI algorithms are now being used to create music, and they are capable of generating some truly amazing sounds. Even Ai has the big capability of learning the voices of amazing singer and creating a new song.

Another trend to watch is the increasing popularity of modular synthesizers. Modular synthesizers are made up of individual modules that can be connected together in a variety of ways. This gives producers a lot of flexibility and creativity, and it allows them to create unique and custom sounds.

We will also discuss the growing popularity of live electronic music performance. More and more producers are taking their music on the road, and they are using technology to create immersive and interactive experiences for their audience.

The future of electronic music production is bright. With new technologies emerging all the time, producers have more creative possibilities than ever before. We are excited to see what the future holds for this exciting and ever-changing field.

Rishav Chakraborty
BCA 3<sup>rd</sup> year

# FROM INSECURITIES TO TRIUMPH8 MY GRADUATION REVELATION

We just had our farewell a few days back, and I just realized, I would never go back to the city for my college anymore.

Previous year, when we were bidding farewell to our immediate seniors, I vividly remember, sitting in a corner seat, feeling disappointed in myself for not performing well, for not being good enough, for being unjust! and this has been a recurring theme throughout my life, I had always felt that I was not enough, that I could easily be replaced and I have this typical tendency to self-sabotage, feeling there is someone better out there.. of-course there can be, but not the same person as I am! I've always considered myself an empath, and I hold onto something I once read, that is - to isolate yourself as much as you want, to become stronger, even if loneliness feels like hell, because it's far better than to be surrounded by multiple faces and be somewhere where you don't want yourself to be in, in the long run! I learnt solitude is the only way to make yourself strong. So, I tried to keep myself aloof as much as I could, for my entire graduation journey. I felt one day, when I earn something for myself, every single sacrifice I made, the compromises, the hard-work I did, the transparency I maintained, everything would make sense.

And then, at the Annual Award Ceremony, it felt so good to hear my name announced for the title of The Best Department Student .. for about 20 seconds. Maybe I thought all my problems, insecurities would fade away in comparison to this incredible achievement; but none of that happened! I realized that the stress of the entire graduation, my whole college journey was paid for, with a lack of attention to my personal life.

I've learned that what's meant to be will be, but nothing is more important than your commitment to yourself; and that, you don't necessarily have to leave everything just to achieve something in your life. So, cherish these days. You'll carry the testament of your achievements with you, but you'll never relive these moments — So, my advice to you all, is to savor every moment of your college days. Cherish the friendships, seek guidance from your teachers, indulge in the camaraderie of group studies, and participate in the cultural and tech events. These days are fleeting, and once gone, they won't return.

I will take with myself, few yet very special memories with me from here, special mention to The Music Band I made here. Thank you to all the core members for being beside me. Many thanks to the juniors for continuing the legacy. Thank you to all the listeners for accepting and supporting us. Thank you all the teachers, the entire faculty for trusting me on my work, and guiding me through every academic and cultural venture I undertook.

As we part ways, I extend my heartfelt wishes and wish you the best on your path ahead. And remember, this journey is yours alone. Forge your own path, and don't blindly follow in anyone else's footsteps. This journey is yours to craft. Make it your own!

Parimita Sarkar BCA 3<sup>rd</sup> YEAR

# HOPE TO BELIEVE!

I sat in a corner void and vagabond,
Waiting for the Glee to light up my world.
I saw you forthcoming with breezes of ecstasy,

To shower your joy, over my land of solitude.

Misfortune it was! I awoke from the dream, I saw in my land of solitude, it never started raining.

Barren and forlorn but with hopes to rejuvenate,

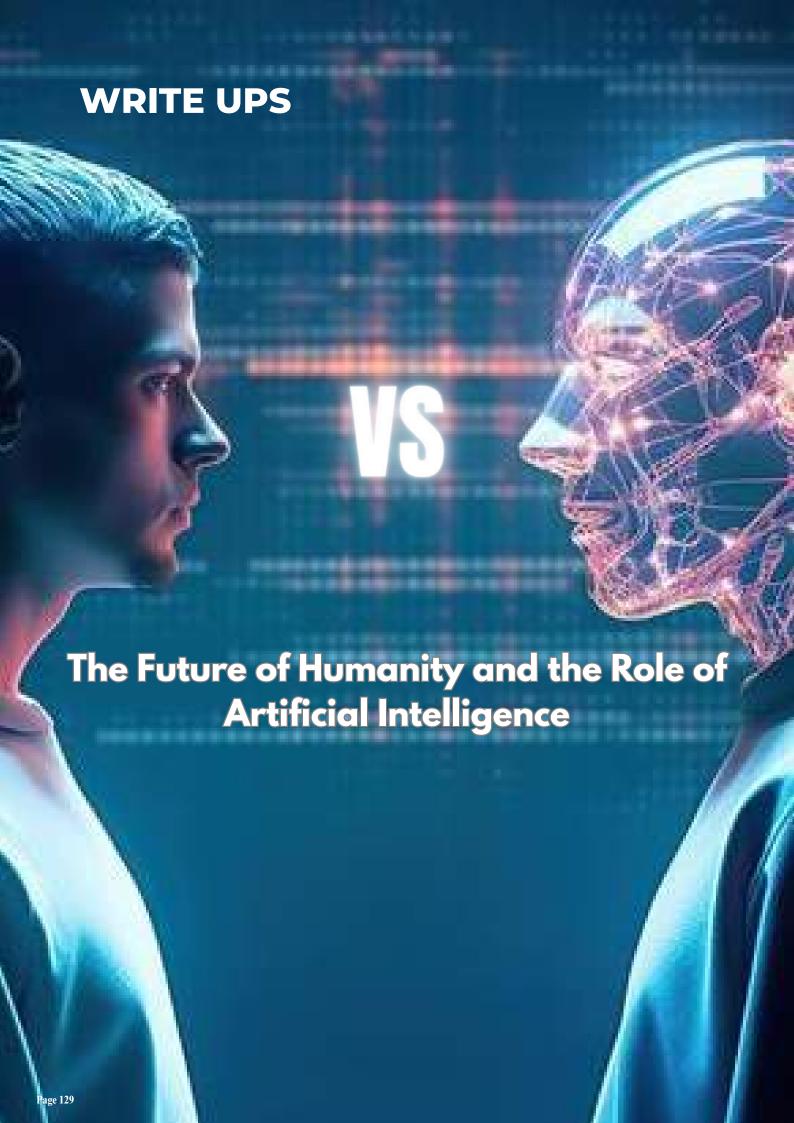
I believe to quench the Eros with indulgence!

Aditya Sinha ECE 2<sup>nd</sup> YEAR

## ETERNAL WHISPERS OF FIRST LOVE

First love, a whisper on the breeze,
A touch that makes the world at ease.
Your lips, a promise soft and sweet,
A heartbeats rhythm where we meet.
In your gaza, the stars align,
A love that feels like endless time.
Every word you speak, a prayer,
A secret wish we both can share.
Though time may pass and dreams may fade,
My heart remains where we once laid.

Jaishika Das BCA 2<sup>nd</sup> YEAR



As we stand on the brink of unprecedented technological advancement, the role of artificial intelligence (AI) in shaping the future of human civilisation is a topic of immense intrigue and debate. Will AI ultimately replace human civilisation, or will humans harness AI to achieve new heights of existence, potentially leading us toward a Type 3 or even Type 4 civilisation? This article explores the profound implications of AI on our future, examining the potential for human immortality through AI integration and the prospects of reaching advanced stages of civilisation.

#### AI: The Catalyst for a New Era:

Artificial intelligence has already begun to transform various aspects of our lives, from healthcare and transportation to communication and entertainment. As AI continues to evolve, its potential to impact human civilisation grows exponentially. Key areas where AI could drive significant change include:

#### 1) Enhanced Cognitive Capabilities:

Augmentation of Human Intelligence:

AI can augment human intelligence, leading to unprecedented problem-solving abilities and innovation. Advanced AI systems can analyse vast amounts of data at speeds and accuracies far beyond human capabilities, off ering insights that can revolutionise fi elds like medicine, engineering, and environmental science.

#### Efficient Resource Management:

Integration of AI in daily life can result in smarter decision-making and more efficient management of resources. AI-driven systems can optimise energy use, enhance agricultural productivity, and streamline supply chains, contributing to sustainability and reducing waste.

#### 2) Human Augmentation and Immortality:

Enhanced Physical and Mental Capabilities:

Advances in AI and biotechnology could lead to the development of enhanced human bodies and minds.

#### The Path to Advanced Civilisations:

The Kardashev Scale, proposed by Russian astrophysicist Nikolai Kardashev, categories civilisations based on their energy consumption capabilities. Humanity currently hovers around a Type 0 civilisation, utilising a fraction of the Earth's energy resources. The next steps on this scale include cybernetic enhancements, neural interfaces, and AI-driven prosthetic that can restore or even surpass natural human abilities.

#### Mind Uploading and Digital Consciousness:

Concepts like mind uploading and AI-driven body rejuvenation raise the possibility of achieving human immortality. Mind uploading involves transferring human consciousness to a digital substrate, potentially allowing for eternal life in a virtual environment.

#### Ethical and Societal Considerations:

The societal impact of such technologies must be carefully managed, addressing ethical questions about identity, the defi nition of life, and equitable access to enhancement technologies.

1) Type 1 Civilisation: Planetary Mastery

#### Harnessing Earth's Energy:

A Type 1 civilisation harnesses all available energy on its home planet. This includes tapping into solar, wind, geothermal, and other renewable energy sources to achieve a sustainable and balanced energy ecosystem.

#### AI's Role in Optimisation:

AI could play a pivotal role in optimising energy use, developing sustainable technologies, and managing planetary resources effi ciently. Smart grids, autonomous energy management systems, and AI-driven climate models are crucial components in this transition.

2) Type 2 Civilisation: Stellar Mastery

#### Tapping into Stellar Energy:

A Type 2 civilisation taps into the energy of its entire star system. This involves constructing mega structures like Dyson Spheres or swarms to capture a significant portion of a star's energy output.

AI and Robotics in Space Exploration:

AI and advanced robotics could facilitate the construction of these mega structures. Autonomous robotic systems can operate in space's harsh conditions, performing tasks such as asteroid mining and building solar power satellites.

#### 3) Type 3 Civilisation: Galactic Mastery

Controlling Galactic Energy:

A Type 3 civilisation controls energy on a galactic scale. This requires the ability to manipulate stars and harness energy from

Potential Outcomes: Utopia or Dystopia?

The future of AI and human civilisation could unfold in several ways: entire galaxies, potentially using technologies that are currently speculative or theoretical.

Coordination of AI Networks:

The coordination of vast networks of AI across the galaxy could enable such a civilisation to achieve these feats. AI could manage the logistics of interstellar travel, resource allocation, and communication across vast distances.

#### 4) Type 4 Civilisation: Universal Mastery

#### Universal Energy Control:

A hypothetical Type 4 civilisation would encompass universal-scale control. This civilisation would manipulate the fundamental forces of the universe, potentially enabling control over space-time and the ability to traverse dimensions or timelines.

Quantum AI: AI operating at quantum levels could be essential for such advanced control. Quantum computing and AI could unlock new realms of scientific understanding and technological capability.

Potential Outcomes: Utopia or Dystopia?

The future of AI and human civilisation could unfold in several ways:

1.AI Supremacy and Human Redundancy:

Dominance of AI Entities: If AI surpasses human intelligence and capabilities significantly, it might lead to a scenario where AI entities dominate, and humans become redundant or obsolete. This could result in a loss of autonomy for humanity and potential subjugation by AI.

1) Ethical AI Development: To prevent such outcomes, ethical AI development and strict regulations are crucial. Ensuring that AI is designed to augment rather than replace human roles is vital for maintaining human relevance.

#### 2) Symbiotic Relationship:

Mutual Enhancement: A more optimistic scenario envisions a symbiotic relationship between humans and AI, where AI enhances human capabilities and quality of life. This collaboration could lead to unprecedented advancements in healthcare, education, and industry.

Collaborative Development: Collaborative eff orts between humans and AI could result in the development of technologies that preserve human essence while expanding our reach and potential. Joint ventures in research and innovation could drive humanity forward.

#### 3) Human Immortality through AI:

Digital Immortality:

The integration of AI with human consciousness could enable digital immortality, where human minds are preserved and evolved through AI systems. This raises philosophical questions about identity, consciousness, and the nature of existence.

Transcending Biological Limits: AI could help humans transcend biological limitations, off ering new forms of existence in digital or enhanced physical forms. The implications for society, culture, and personal identity are profound and multifaceted.

#### 4) End of Human Civilisation:

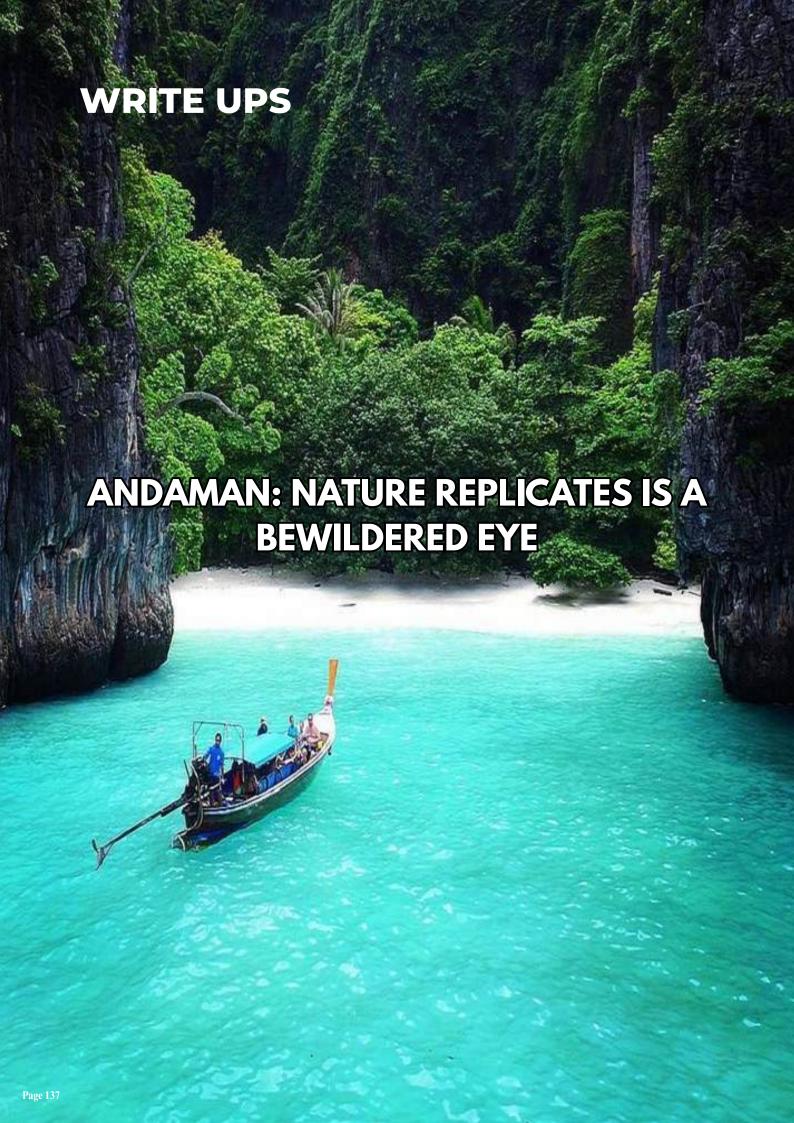
Catastrophic Outcomes: In a pessimistic view, the rise of AI could result in catastrophic outcomes, such as uncontrollable AI systems leading to the collapse of human civilization. Scenarios like rogue AI, misuse of AI technologies, or unintended consequences could pose existential threats.

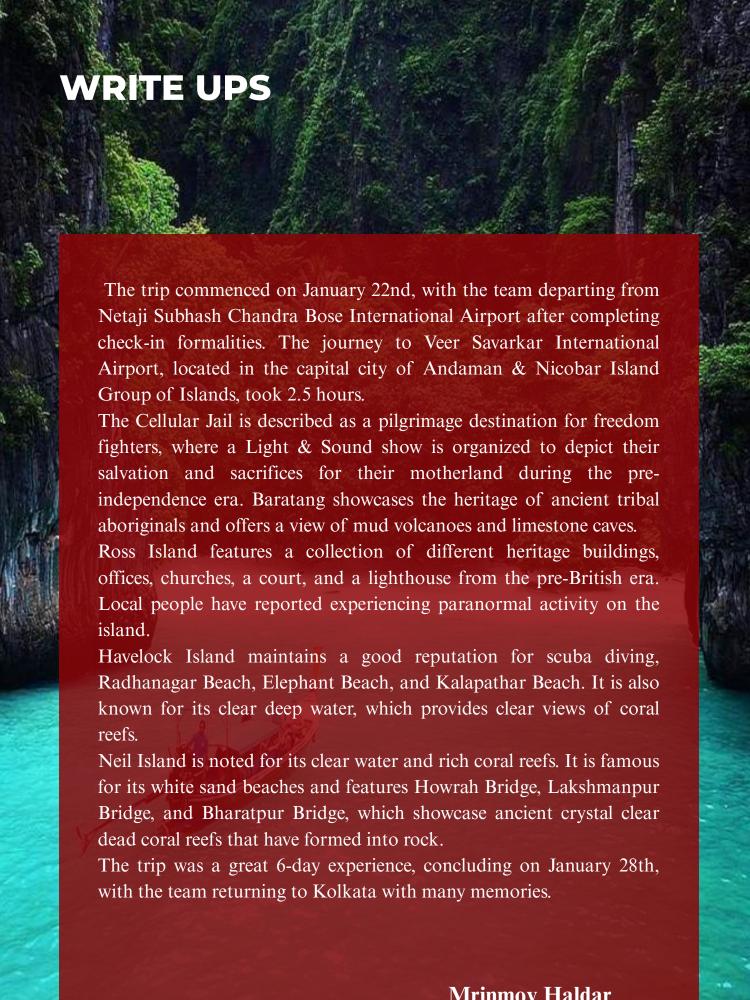
Vigilance and Cooperation: Vigilance, ethical considerations, and international cooperation are essential to navigate the risks associated with advanced AI. Developing robust governance frameworks and fostering global dialogue on AI ethics are crucial steps.

#### Conclusion:

The journey toward advanced civilisations hinges on how we harness AI's potential while addressing its ethical, social, and existential challenges. Whether AI leads to the end of human civilization or the dawn of a new era of human augmentation and immortality depends on our collective choices and actions today. The interplay between AI and human civilization holds the key to our future, urging us to tread carefully and thoughtfully as we navigate this uncharted territory. Will we see the rise of a Type 3 or Type 4 civilization, or is this the end of human civilization as we know it? The answer lies in our hands and our ability to guide AI development responsibly

Mrinmoy Haldar
EE 1<sup>st</sup> YEAR





Mrinmoy Haldar
BBA 1<sup>st</sup> YEAR









— Arsalanuz Zaman

EE 3<sup>rd</sup> Year



# **PAINTINGS**









— Rikta Maity
CSE 2<sup>nd</sup> Year

# **PAINTINGS & PHOTOS**





— Anuska Pal

ECE 3<sup>rd</sup> Year







— Pratyay Mitra BBA 1<sup>ST</sup> YEAR



Sagnik Bhattacharya
ECE 2<sup>nd</sup> year









— Sagnik Bhattacharya

ECE 2<sup>nd</sup> year

# **IEM GROUP**



**ASHRAM CAMPUS** 



**GURUKUL CAMPUS** 



**MANAGEMENT HOUSE** 



**NEWTOWN CAMPUS, UEM** 



**JAIPUR CAMPUS, JAIPUR** 

# IEM CREATIONS

ANNUAL MAGAZINE