

KNOWLEDGE SPECTRUM



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Message from Chancellor's Office

Greetings to all as we present yet another exciting edition of our departmental newsletter. It gives me immense joy to extend a warm welcome to our distinguished faculty, brilliant students, dedicated staff, and esteemed alumni. Your unwavering commitment to excellence continues to strengthen our Computer Science and Engineering (CSE) community as a hub of innovation and learning.



With each passing year, our department reaffirms its place at the forefront of technological progress. The articles and highlights in this edition reflect the remarkable achievements and dedication of our collective force. From ground breaking research to meaningful community engagements, every contribution speaks of resilience, creativity, and brilliance.

In today's rapidly evolving world, **interdisciplinary collaboration** is the key to driving innovation. I encourage you all to embrace diverse perspectives and foster partnerships that push boundaries and open new horizons.

The accomplishments of our student community fill me with immense pride. Your curiosity, enthusiasm, and determination are shaping a future where knowledge knows no limits. Remember, every success and every setback is a step toward building your destiny.

This newsletter is more than a collection of words; it is a celebration of our shared vision, passion, and commitment to the field of computer science and engineering. Let it inspire us to innovate, collaborate, and lead with purpose.

Thank you for being the heart and soul of the CSE family. Together, we shall continue to build a legacy of excellence and innovation.

With sincere appreciation,

Prof. Dr. Banani Chakrabarti

University of Engineering & Management (UEM), Jaipur.

Message from Vice Chancellor's Office

I extend my warmest greetings as we eagerly anticipate the upcoming edition of our CSE department newsletter. It is with great enthusiasm that I welcome our esteemed faculty, dedicated students, hardworking staff, and accomplished alumni. Your unwavering dedication continues to solidify our CSE community as a hub of innovation and learning.

In the dynamic world of technology, our department remains at the forefront of advancement. The articles, research insights, and personal stories within our newsletter showcase the remarkable achievements and dedication of our community. From groundbreaking research projects that redefine possibilities to impactful outreach initiatives, each contribution reflects the spirit that defines our department.

This newsletter is not merely a collection of pages; it's a testament to our collective journey and growth. As we celebrate our successes, let's also embrace the challenges that propel us forward. Adversity is an opportunity for growth, not a roadblock.

In the evolving landscape of technology, interdisciplinary collaboration is key. The fusion of computer science with other fields ignites innovation that transcends boundaries. I encourage you to cultivate partnerships that bring fresh perspectives and drive breakthroughs.

Our students are the heart of our achievements. Your curiosity, passion, and drive define our department's legacy. Embrace learning, for challenges are stepping stones to success. As we await the newsletter's release, remember that our united efforts pave the path for our department's success. Together, we inspire, innovate, and lead.

Thank you for being the core of the CSE family. Here's to a future of advancements, shared victories, and a stronger bond.

With gratitude,

Prof. Dr. Biswajoy Chatterjee

Vice-Chancellor,

University of Engineering & Management (UEM), Jaipur.



Message from Pro Vice Chancellor's Office

I extend a heartfelt welcome to our dedicated faculty, enthusiastic students, committed staff, and esteemed alumni. This newsletter serves as a testament to our collective journey, showcasing the remarkable strides we continue to make in CSE Department.

In a world driven by innovation, our department stands as a shining example of excellence. The articles, research updates, and personal narratives found within these pages highlight the achievements and dedication of our community. From groundbreaking research projects that redefine possibilities to community initiatives that reflect our commitment to social impact, each contribution embodies the essence of our department's spirit.

This newsletter transcends words—it encapsulates our shared experiences, challenges, and achievements. As we celebrate our successes, let's also embrace the hurdles that sharpen our skills and pave the way for future accomplishments.

In the rapidly evolving landscape of CSE, collaboration knows no bounds. The fusion of knowledge from diverse backgrounds fuels innovation beyond imagination. I encourage each of you to foster partnerships that meld different perspectives and lead to breakthroughs that redefine the status quo.

To our students, you are the driving force behind our department's success. Your curiosity, passion, and pursuit of knowledge shape the future of Computer Science. Embrace every learning opportunity, for it is through growth that we become catalysts for change.

As we anticipate the unveiling of this newsletter, let's remember that our collective efforts define the trajectory of our department. Together, we inspire, create, and set new standards. This newsletter signifies not just our achievements but also our shared dedication to in Computer Science. May this edition ignite fresh ideas, rekindle our sense of purpose, and strengthen our sense of unity.

Thank you for being the heartbeat of our department. Here's to a future marked by innovation, shared victories, and an unwavering commitment to excellence.

My best wishes to all!

Prof. Dr. Satyajit Chakrabarti

Pro-Vice Chancellor,

University of Engineering & Management (UEM), Jaipur.



Message from Registrar's Office

Dear students, esteemed faculty, and respected staff members,

I hope this message finds you all in good health and high spirits. On behalf of the Office of the Registrar at UEM Jaipur, it is with great pleasure that I extend this invitation to contribute to the forthcoming Computer Science and Engineering (CSE) departmental newsletter.

The CSE department at UEM Jaipur has consistently demonstrated a commitment to academic excellence and innovation, serving as a beacon of knowledge and professional growth for our students. Under the guidance of our esteemed faculty members, our students have achieved remarkable milestones and garnered recognition on various platforms.

Here are some notable achievements of our CSE department:

1. **International Hackathon Triumph:** Our CSE students secured the top position in the prestigious International Hackathon, showcasing their ingenuity and problem-solving abilities on a global stage.
2. **Research Publications:** Faculty members in our department have published numerous research papers in esteemed journals and conferences, contributing significantly to the advancement of cutting-edge technologies.
3. **Industry Collaborations:** The CSE department has forged strong partnerships with industry leaders, facilitating internships, workshops, and live projects for our students, enabling them to bridge the gap between theory and practical application.
4. **Innovations in AI:** Our students have developed groundbreaking projects in the field of artificial intelligence, earning accolades for their contributions to this rapidly evolving domain.
5. **National-Level Coding Competitions:** Teams from our CSE department have consistently performed exceptionally well in prestigious coding competitions, highlighting their proficiency in algorithmic problem-solving.

The upcoming newsletter aims to spotlight these achievements and share valuable insights from industry experts. We also encourage the submission of articles, research papers, project updates, and any other noteworthy information that showcases the dynamic and innovative spirit of our CSE department. We highly value your input and collaboration in shaping this newsletter to celebrate the excellence and accomplishments of our CSE department.

I look forward to your enthusiastic participation in this endeavor.

With utmost regards,

Prof. (Dr.) Pradeep Kumar Sharma

Registrar,

University of Engineering & Management (UEM) Jaipur.



Message from HOD's office

Dear Students, Faculty, Alumni, and Friends,

Greetings to all! On behalf of Department Computer Science and Engineering, UEM Jaipur!

I hope this message finds you all in good health and high spirits. As we approach the start of another academic year, I wanted to take a moment to reflect on our journey and share my heartfelt appreciation for all your hard work and dedication. It is with great pleasure that I write to inform you that we are processed our annual departmental newsletter for the last academic year. This publication has always been a celebration of our achievements, a showcase of our talent, and a reflection of our shared passion for excellence in Department of Computer Science & Engineering.

As we gathered news and stories from across the department, I invited each one of you to contribute your valuable experiences, accomplishments and thoughts. The newsletter presents an opportunity to highlight the milestones we've achieved together and to recognize the hard work and dedication of our students, faculty and staff.

Whether it's a research breakthrough, an award won, a successful project, a competition triumph, or any other notable event, we wanted to hear about it! Additionally, we welcomed articles, opinion pieces, or reflections on your journey in Computer Science & Engineering. I thanked all of you for your insights, advice and aspirations with your fellow department members, for your words may inspire and resonate with others.

The newsletter also offers a chance to feature any initiatives, collaborations, or outreach activities that have strengthened our ties with the community or industry partners. Let's use this platform to showcase the positive impact we are making in the world through our research and innovations.

Remember, this newsletter is a collective effort, and your participation is what makes it special. Let's come together to celebrate our shared successes and showcase the spirit of Computer science & Engineering to the rest of the university and beyond.

Thank you in advance for your valuable contributions. I am eagerly looking forward to reading your stories and insights in future upcoming newsletter also.

Finally, I want to express my deep gratitude to each member of our department - students, faculty, and staff - for your unwavering dedication and support. It is your commitment that makes our department a truly exceptional place to learn and grow.

Best regards,

Dr. G Uma Devi

Head of Department,

Department of Computer Science & Engineering

University of Engineering & Management (UEM), Jaipur.



About Department

The Computer Science and Engineering (CSE) Department at the University of Engineering & Management (UEM) Jaipur is at the forefront of shaping the future of technology. Established with a vision to produce skilled and innovative computer engineers, the department is committed to excellence in education, research, and industry collaboration. The department offers the following courses.

1. B.Tech – Computer Science & Engineering (CSE) from 2011
2. B.Tech - CSE (Artificial Intelligence and Machine Learning) from 2020
3. M.Tech - Computer Science & Engineering (CSE) from 2012
4. Ph. D - Computer Science & Engineering (CSE) from 2022

Infrastructure: The CSE Department at UEM Jaipur boasts state-of-the-art infrastructure equipped with modern laboratories, cutting-edge computing facilities, and high-speed internet connectivity. The department's labs are equipped with the latest software and hardware, providing students with hands-on experience and practical exposure to real-world challenges.

Faculty: The department takes pride in its team of highly qualified and experienced faculty members. They are not only passionate educators but also active researchers, constantly pushing the boundaries of knowledge in various computer science domains. The faculty members strive to create a nurturing and intellectually stimulating environment, fostering the holistic development of students.

Academic Programs: The CSE Department offers a range of undergraduate and postgraduate programs, tailored to meet the industry's demands and the ever-changing technological landscape. The curriculum is designed to strike a balance between theoretical foundations and practical applications, nurturing students to become competent problem solvers and innovative thinkers.

Research and Innovation: Research is an integral part of the CSE Department at UEM Jaipur. Faculty members and students are encouraged to engage in research activities, publishing papers in reputed conferences and journals. The department also organizes workshops, seminars, and conferences to promote research collaboration and knowledge exchange among academia and industry experts.

Industry Collaborations: The department maintains strong ties with leading IT companies and startups, facilitating internships and placement opportunities for students. Regular industry interactions, guest lectures, and workshops are organized to expose students to real-world challenges and industry best practices. These collaborations also provide valuable insights into the latest trends in the field of computer science.

Student Activities: The CSE Department encourages extracurricular activities and student-driven initiatives. Numerous student clubs, coding competitions, hackathons, and technical events are organized regularly to foster creativity, teamwork, and leadership skills among students. These activities complement classroom learning and create a vibrant learning environment.

Placement and Alumni: The CSE Department at UEM Jaipur takes pride in its strong alumni network and placement record. Graduates from the department have excelled in various domains, securing placements in reputed companies, pursuing higher studies, or starting their entrepreneurial ventures.

The department's dedicated placement cell provides training, guidance, and support to ensure successful career placements for all students.

Key Features of the Department

- 360 Degree Feedback System
- Mentor-Mentee Meeting - Every Monday
- Industry Collaboration-Skilled, AICTE LITE, ISTE Skill Development Program etc
- Mini Project for Every semester
- Remedial Coaching for Slow Learners
- Research Oriented Projects
- Volunteer Opportunities in Event Organization
- Student Clubs and Organizing activities
- Encourage the students to involvement in Social Service
- Counseling for Higher Education/Gate/ TOEFL/GRE/Govt Exam etc.
- Hi-Tech Computer Lab for Specialization subjects- AIML, Big Data and Data Science

In conclusion, the Computer Science and Engineering Department at UEM Jaipur is a dynamic and innovative hub that empowers students with the knowledge and skills needed to thrive in the digital era. With a focus on excellence in education, research, and industry collaborations, the department continues to be a driving force in shaping the future of technology.

Table of Content

Faculty Publication Detail	
Patent Details	
Workshop Conducted	
Coding & Hacking Competitions	
Gaming Competitions.....	
Placement Training	
Awards and Achievements	
Departmental Activities.....	
Articles Provided	

FACULTY PUBLICATION DETAILS

i. Papers published in peer reviewed journals:

1. MR. SHOPAN DEY 2) PROF. SUMAN ACHARYA 3) PROF. SOMEN NAYAK 4) YUVRAJ KUMAWAT 5) BRAJ KISHORE CHAUHAN 6) BHAVYA KUMAR SHARMA 7) KUNAL SHARMA 8) NANDANI GURJAR- LIBRARY SILENCE MANAGEMENT SYSTEM
2. Prof. (Dr.) Pradeep Kumar Sharma 2) Prof. (Dr.) Mrinal Kanti Sarkar 3) Prof. (Dr.) G. Uma Devi 4) Abhishek Chakraborty 5) Snehasish Bhakat 6) Ritesh Kumar- A SMART ATTENDANCE MANAGEMENT SYSTEM USING FACE RECOGNITION
3. Jyoti Khandelwal 2) Abhijeet Kumawat 3) Deepak Jha 4) Bishnu Kumar Singh-- AI ENABLED ACCIDENT DETECTION AND ALERT SYSTEM
4. Dipta Mukherjee 2) Ayon Maity-- HYBRID VERTICAL TAKE-OFF AND LANDING (VTOL) FLIGHT WITH KK 2.1.5 CONTROLLER
5. Afaq Ahmad 2) Sougata Banerjee 3) Shopan Dey-- IOT ENABLED SMART GLUCOSE WATER MONITORING SYSTEM
6. Prof. Debajyoti Chatterjee-- A NOVEL STAIRCASE SLOTS ON MICROSTRIP PATCH ANTENNA
7. Preeti Sharma 2) Sweta Pareek 3) Rhythm Mukherjee 4) Rishita Das 5) Shopan Dey 6) Sougata Banerjee-- A VIRTUAL REALITY TRAINING PLATFORM FOR MARKETING SKILL DEVELOPMENT
8. Gargi Arya 2) Anshu Mukesh Chaudhary 3) Manish Sharma 4) Prof. (Dr.) Pradeep Kumar Sharma 5) Prof. (Dr.) Mrinal Kanti Sarkar 6) Prof. (Dr.) G. Uma Devi-- A SYSTEM FOR AUTOMATED EXPENSE TRACKING
9. AKASH PAUL 2) Prof. (Dr.) Pradeep Kumar Sharma 3) Prof. (Dr.) Mrinal Kanti Sarkar 4) Prof. (Dr.) G. Uma Devi-- A SMART FACE RECOGNITION SYSTEM WITH REAL TIME DATABASE
10. Anmol Sinha 2) Kaushiki Kumari 3) Prof. (Dr.) Pradeep Kumar Sharma 4) Prof. (Dr.) Mrinal Kanti Sarkar 5) Prof. (Dr.) G. Uma Devi-- ANDROID APPLICATION DEVELOPMENT BASED ON AGGREGATOR TECHNOLOGY USING JAVA
11. Shopan Dey 2) Prof. (Dr.) Pradeep Kumar Sharma-- VOICE-CONTROLLED CAR SWITCHBOARD DEVICE
12. Shopan Dey 2) Satyajit Chakrabarti--GPS AND ACTIVITY TRACKING SHOES FOR SCHOOL CHILDREN
13. Arghyadip Adhikary 2) Debajyoti Chatterjee-- A SYSTEM AND METHOD TO PREDICT STROKE USING MACHINE LEARNING
14. Rishita Das 2) Preeti Sharma 3) Rhythm Mukherjee 4) Shopan Dey 5) Sougata Banerjee 6) Sweta Pareek-- INTERACTIVE VIRTUAL BUSINESS ENVIRONMENT FOR MANAGERIAL SKILL DEVELOPMENT
15. Shopan Dey 2) Preeti Sharma-- AUGMENTED REALITY ENABLED INDUSTRIAL INTERNET OF THINGS (IOT) GATEWAY WITH EDGE AI
16. Shopan Dey 2) Preeti Sharma-- A SYSTEM AND METHOD FOR PREDICTIVE MAINTENANCE IN SMART MANUFACTURING
17. Arka Mahajan 2) Sayan Mukherjee 3) Debajyoti Chatterjee-- AUTOMATIC TRAIN SORTING SYSTEM IN RAILWAY STATION
18. Shopan Dey 2) Pradeep Kumar Sharma-- FOUR-AXIS SCARA ROBOT SYSTEM WITH INTEGRATED GRIPPER FOR PICK AND PLACE OPERATIONS

19. Shopan Dey 2) Pradeep Kumar Sharma-- PERSONAL ASSISTANT ROBOT FOR ELDERLY INDIVIDUALS WITH AI CAPABILITIES
20. Shopan Dey 2) Satyajit Chakrabarti-- MULTI-FUNCTIONAL RGB LAMP WITH VOICE CONTROL AND MOBILE APPLICATION INTERFACE
21. Shopan Dey 2) Mrinal Kanti Sarkar 3) Pradeep Kumar Sharma 4) Gunjan paul 5) Ashis Kumar Singh-- THREE-DIMENSIONAL (3D) USB MOUSE AND ANDROID BASED 3D AIR MOUSE SYSTEM
22. Shopan Dey 2) Pradeep Kumar Sharma 3) Biswajoy Chatterjee-- VIRTUAL REALITY ENHANCED EDUCATION PLATFORM (VREEP) FOR STEM LEARNING
23. Sougata Banerjee 2) Afaq Ahmad 3) Shopan Dey-- ROAD ACCIDENTAL ALERT MODULE (RAAM)
24. Manish Kumar Prajapat 2) Kamal Kumawat 3) Ritik Kumawat 4) Vishal Prajapat 5) Dr. Renu Jangra-- VEHICLE ACCIDENT ALERT SYSTEM (VAAS)
25. Sougata Banerjee 2) Afaq Ahmad 3) Shopan Dey-- PROSTHETIC ROBOTIC ARM
26. Shopan Dey 2) Sougata Banerjee 3) Afaq Ahmad-- A WI-FI ENABLED PENGUIN WALKER ROBOT FOR ROBOTIC LEARNING
27. Shopan Dey 2) Afaq Ahmad 3) Sougata Banerjee-- A WIFI ENABLED HUMANOID ROBOT
28. Jyoti Khandelwal 2) Abhijeet Kumawat 3) Deepak Jha 4) Bishnu Kumar Singh-- A LIFE-SAVING SYSTEM POWERED BY ARTIFICIAL INTELLIGENCE (AI)
29. Afaq Ahmad 2) Sougata Banerjee 3) Shopan Dey-- A WI-FI ENABLED SPIDER ROBOT FOR ROBOTIC LEARNING
30. Rimi Majumdar 2) Afaq Ahmad 3) Jyoti Anand-- ARTIFICIAL ENVIRONMENTAL SETUP FOR PLANT DEVELOPMENT USING IOT SENSORS
31. Prof. Debajyoti Chatterjee 2) Kanjari Bhattacharyya-- A DEEP LEARNING-BASED FACIAL RECOGNITION SYSTEM AND METHOD
32. Shivanand Kumar Jha 2) Rishav Raj 3) Hariom Kumar Ray 4) Prof. (Dr.) Pradeep Kumar Sharma 5) Prof. (Dr.) Mrinal Kanti Sarkar 6) Prof. (Dr.) G. Uma Devi-- A LEAVE MANAGEMENT SYSTEM
33. Saurabh Kumawat 2) Jatin Kumawat 3) Sudhanshu Singh 4) Prof. (Dr.) Pradeep Kumar Sharma 5) Prof. (Dr.) Mrinal Kanti Sarkar 6) Prof. (Dr.) G. Uma Devi-- AN INTELLIGENT AUTO-DIALER
34. Abhikarsh Raj 2) Subhadip Maity 3) Aditya Rao 4) Prof. (Dr.) Pradeep Kumar Sharma 5) Prof. (Dr.) Mrinal Kanti Sarkar 6) Prof. (Dr.) G. Uma Devi-- THREE-DIMENSIONAL HAND TRACKING USING VIRTUAL REALITY
35. Anusree Das 2) Gopendu Manna 3) Soumen Pal 4) Prof. (Dr.) Pradeep Kumar Sharma 5) Prof. (Dr.) Mrinal Kanti Sarkar 6) Prof. (Dr.) G. Uma Devi-- A METHOD AND SYSTEM FOR ONLINE WARRANTY MANAGEMENT
36. Md Jahid 2) Om Prakash Sona 3) Prof. (Dr.) Pradeep Kumar Sharma 4) Prof. (Dr.) Mrinal Kanti Sarkar 5) Prof. (Dr.) G. Uma Devi-- ONLINE FOOD ORDERING METHOD AND SYSTEM
37. AMAN KUMAR 2)MD DANISH KALAM 3)ARYAN RAJ 4)Prof. (Dr.) Pradeep Kumar Sharma 5)Prof. (Dr.) Mrinal Kanti Sarkar 6)Prof. (Dr.) G. Uma Devi-- A PHONEBOOK DIRECTORY
38. Guddi Yadav 2) Prof. (Dr.) Pradeep Kumar Sharma 3) Prof. (Dr.) Mrinal Kanti Sarkar 4) Prof. (Dr.) G. Uma Devi-- BREAST CANCER CLASSIFICATION USING MACHINE LEARNING MODEL
39. Vedant sanhotra 2) Keshav Lakra 3) Prof. (Dr.) Pradeep Kumar Sharma 4) Prof. (Dr.) Mrinal Kanti Sarkar 5) Prof. (Dr.) G. Uma Devi-- SPACE SHOOTER GAME WITH DYNAMIC ENEMY AI AND ADVANCED POWER-UP MECHANISMS
40. Venika 2) Anushree Agarwala 3) Prof. (Dr.) Pradeep Kumar Sharma 4) Prof. (Dr.) Mrinal Kanti Sarkar 5) Prof. (Dr.) G. Uma Devi-- A FLUTTER BASED SMART LIBRARY MANAGEMENT SYSTEM
41. Prof. (Dr.) Pradeep Kumar Sharma 2) Prof. (Dr.) G. Uma Devi 3) Dr. Arnab Palui 4) Dr. Anamika Khaskel 5) Sagarika Ghosh--Diesel locomotive cable rubber sheath material and preparation process thereof.

Patent Detail

1. Prof. Hriday Banerjee, Subroto Saha, Priyal Jangid, Rohit Pancholi. AI-BASED PERSONAL ASSISTANT AND SIGN LANGUAGE RECOGNITION SYSTEM
2. Prof. Santanu Basak, Parthib Paul. AN ARTIFICIAL NEURAL NETWORK-BASED SMART HEALTHCARE SYSTEM FOR PREDICTING CARDIOVASCULAR DISEASE
3. Prof. Somen Sarkar, Ankita Baishnab. METHOD FOR PREDICTING EMPLOYEE ATTRITION USING MACHINE LEARNING
4. Hriday Banerjee, Subham Kumar Singh. BLOCKCHAIN BASED TRADITIONAL E-COMMERCE SYSTEM
5. Prof. Soumya Sen, Animesh Ghosh, Tanmay Samanta, Vaibhav Goyal. TRADITIONAL E-COMMERCE SYSTEM FOR SELLING SECOND HAND BOOKS Prof
6. Dr. Tapas Si, Prabhat Ranjan. BRAIN TUMOR CLASSIFICATION METHOD USING CONFUSION MATRIX
7. Prof. Sagarika Ghosh, Pritty Dutta, Sonu Sharma. METHOD FOR PERFORMING REAL LIFE CAR-RIM EXPERIENCE ANAYZER USING AUGMENTED REALITY
8. Prof. Sagarika Ghosh, Divya Sharma. METHOD FOR CREATING, DISTRIBUTING AND MANAGING CERTIFICATES
9. Dr. Mrinal Kanti Sarkar, Vatsal Panjiar. METHOD FOR DEVELOPMENT OF CHAT WITH MULTIPLE PDF DOCUMENTS USING LANGCHAIN SYSTEM
10. Prof. Dipta Mukherjee, Ishika Saraf, Anushka Saxena, Anant Joshi. ENCRYPTION AND DECRYPTION PROCESS FOR TRANSMISSION OF INTERNET-BASED DATA
11. Prof. Sourav Kumar, Amar Sansil, Surili Roshan, Subhashni Kumari. METHOD FOR PREDICTION OF CROP YIELD
12. Abhishek Dey, Rishabh Mishra, Rajbir Bhattacharya. METHOD FOR PERFORMING DECENTRALIZED NONFUNGIBLE TOKENS MARKETPLACE
13. Prof. Jyoti Anand, Devdeep Ghosh. METHOD FOR SHARING AND STORING PATIENT'S MEDICAL RECORDS USING DECENTRALIZED DOCTOR WEB3 PLATFORM
14. Prof. Dipta Mukherjee, Sahitya Roy, Priya Chandak, Swarnava Das. A DECENTRALIZED NON-FUNGIBLE TOKEN WARRANTY SYSTEM
15. Dr. Mrinal Kanti Sarkar, Aditya Kumar Singh, Sumit Pilania, Pallav Jha. METHOD FOR PRODUCTION AND CONSUMPTION OF CONTENT USING MERN-BLOG
16. Prof. Sagarika Ghosh, Shubham Yadav. METHOD FOR EARLY DETECTION OF DISEASE USING MACHINE LEARNING MODEL
17. Prof. Sourav Kumar, Sayan Panja, Chinmoy Karmakar, Avik Ghosh. METHOD FOR PREDICTIING HEALTH ANALYTICS USING MACHINE LEARNING MODEL
18. Prof. Sagarika Ghosh, Ashish Kumar, Ravi Shankar. A PHISHING WEBSITE DETECTION SYSTEM
19. Prof. Soumya Sen, Subhadip Maity, Abhikarsh Raj, Aditya Rao. A HOSPITAL MANAGEMENT SYSTEM
20. Prof. Hriday Banerjee, Rohit Tushar Hait, Rajdip Banerjee, Akash Kar. METHOD FOR PERFORMING FLUTTER-BASED HOTEL BOOKING PLATFORM
21. Dr. Tapas Si, Himanish Chowdhury, Himangshu Chowdhury, Anjan Mahapatra. METHOD FOR CLASSIFICATION OF HUMAN COLORECTAL HISTOLOGICAL IMAGE USING VISION TRANSFORMERS
22. Prof. Hriday Banerjee, Bishal Ganai, Bishwarup Biswas, Bapi Mandal. METHOD FOR DEVELOPING RELIABLE AND SECURE ONLINE COMMUNICATION PLATFORM
23. Prof. Sagarika Ghosh, Aparna, Samragyi Sharma. METHOD FOR PREDICTION OF DISEASES USING ARTIFICIAL INTELLIGENCE

24. Prof. Dipta Mukherjee, Vishal Kumar Jaiswal, Md Nayab Ansari. METHOD FOR PREDICTION OF CHRONIC DISEASES USING MACHINE LEARNING MODE
25. Dr. G. Uma Devi, Aditya kumar,Alok kumar, Aniket kumar dubey. METHOD FOR DETECTION OF NETWORK INTRUSION USING DEEP LEARNING MODEL
26. Prof. Dipta Mukherjee, Anand Kumar, Pratham Jaiswal, Mayank Shekhar. PERSONALIZED MEDICINE RECOMMENDATION SYSTEM USING MACHINE LEARNING MODEL
27. Prof. Santanu Basak, Preet Kumar, Nadim Raza, Himanshu Kumar. METHOD FOR DETECTION OF PHISHING WEBSITE USING MACHINE LEARNING MODEL
28. Prof. Jyoti Anand, Bidhan Chandra Roy, Ranik Sarkar. METHOD FOR IMPLEMENTING FOOD DELIVERY APPLICATION
29. Prof. Santanu Basak, Hitarth Pareek, Khushi Sharma. METHOD FOR CONSUMPTION OF CONDENSED NEWS THROUGH MOBILE APPLICATION
30. Prof. Sourav Kumar, Sparsh Bhardwaj, Aman Kumar Verma, Yash Sharma. METHOD FOR CONSUMPTION OF CONDENSED NEWS THROUGH MOBILE APPLICATION
31. Prof. Sourav Kumar, Sparsh Bhardwaj, Aman Kumar Verma, Yash Sharma. A VOICE INTERFACE REAL-TIME TRANSLATION SYSTEM FOR FACILITATING SHORT-TERM CROSS- LINGUAL COMMUNICATION
32. Dr. G. Uma Devi, Subham Gourisaria, Shipra Shriparn, Atia Zareen. A SYSTEM FOR MONITORING REMOTE PROCESSES WITH ANOMALY DETECTION AND TERMINATION ACTIONS
33. Prof. Santanu Basak, Ajazul Mustfa, Aditya Jha. METHOD FOR PREDICTION AND RECOMMENDATION OF RESEARCH PAPER SUBJECT USING DEEP LEARNING MODEL
34. Prof. Soumya Sen, Animesh Ghosh, Tanmay Samanta, Vaibhav Goyal. A SMART LIBRARY SYSTEM
35. Prof. Hriday Banerjee, Kashish Banerjee. A SYSTEM FOR DEVELOPING SIGN LANGUAGE TO TEXT AND SPEECH CONVERSION
36. Prof. Jyoti Khandelwal, Krishan Kumar Yadav, Nidhi Bunkar. A SMS SPAM CLASSIFICATION SYSTEM
37. Prof. Dipta Mukherjee, Anisha Jangid, Arya Kumari. METHOD FOR DEVELOPING COMMUNITY ENGAGEMENT PLATFORM APPLICATION
38. Prof. Jyoti Khandelwal, Aniket Jain, Yash Yadav. METHOD FOR SCRAMBLING AND PROTECTION OF TIME-DRIVEN IMAGE USING TIMECRYPT APPLICATION
39. Prof. Jyoti Khandelwal, Manjusha Khalkho, Sunny Pratap Singh. A TOXIC COMMENT CLASSIFICATION SYSTEM USING DEEP LEARNING MODEL
40. Dr. G. Uma Devi Yash Raj Anand, Rishabh, Aamir hussain azad. METHOD FOR DESIGNING AND DEVELOPING COMPLETE SOCIAL NETWORK WEB APPLICATION USING MERN
41. Dr. Mrinal Kanti Sarkar, Divya Sharma, Kundan Palsaniya. A VIRTUAL MOUSE SYSTEM
42. Prof. Dipta Mukherjee, Souradeep Ash. A VIRTUAL REALITY INTERACTION SYSTEM
43. Dr. G. Uma Devi Shravan Kumar Mahto, Praveen Kumar Raj. METHOD FOR CREATION AND DISTRIBUTION OF ORIGINAL CONTENT USING MERN STACK WEB APPLICATION
44. Prof. Sourav Kumar, Kaustav Roy, Sayantina Kundu, Sounak Bera. METHOD FOR DETECTION AND ANALYSIS DATA OF CRIME USING ARTIFICIAL INTELLIGENCE MODEL
45. DR. G. UMA DEVI, ALOK AGARWAL, SHASHANK KUMAR SINGH. METHOD FOR DETECTING AUTHENTICITY USING FACIAL RECOGNITION
46. SHIVANI KUMHAR, SHALINI VERMA. FAKE NEWS DETECTION USING MACHINE LEARNING
47. PROF. JYOTI KHANDELWAL HIMANSHU PANDEY. FAKE PRODUCT IDENTIFICATION SYSTEM SHIVAM
48. Prof. SAGARIKA GHOSH; Prof. DIPTA MUKHERJEE, AMAN KUMAR; DANISH KALAM; ARYAN RAJ SHAW; - FITNESS MANAGEMENT SYSTEM
49. Prof. HRIDAY BANNERJEE, KRISHNAPAL SINGH; NUTAN SINGH; - LIBRARY MANAGEMENT SYSTEM

50. Prof. DR. TAPAS SI, TANNU PRASAD. GESTURE AND VOICE CONTROLLED VIRTUAL SYSTEM
51. SHUBHAM SONI; TARUN JANGIR; KARTIK JANGID. SHIPPING AND DELIVERY OPERATION SYSTEM
52. Prof. DR. JYOTI, YASHWANT TANWAR; MANOJ KUMAR MANDIYA. HAND GESTURE CONTROL CURSOR SYSTEM
53. DR. G. UMA. DEVI, REEMA BANERJE. AIM TRAINING SYSTEM
54. PROF. JYOTI KHANDELWAL, PINGAL SAHA; ANUSREE DAS. A METHOD FOR INTERCEPTING AND ANALYSING NETWORK TRAFFIC
55. PROF. SANTANU BASAK, SOUMYADIP BARMAN. A METHOD FOR DETECTING STRENGTH OF PASSWORDS
56. Prof. Dipta Mukherjee AYUSH KUMAR; RIYA AGGARWAL. A METHOD FOR ANALYZING CHAT TEXT FILES SAURBAH SHUKLA
57. ADITI DAS; BHUMIKA BISWAS; JYOTI ANAND. A METHOD FOR ANALYZING MULTIPLE CRYPTOGRAPHY ALGORITHMS
58. Prof. HRIDYA BANERJEE, SHAHAREYAR ANJUM KHAN; RAMESHWAR LAL AHIR A METHOD FOR DETECTING AND INTERVENING IN VIRTUAL AUTISM SYMD
59. Prof. Dipta Mukherjee, SUMAN KHAN; SOURIN BAG; DEBJIT GHOSH. NAMAN KUMAR
60. Prof. DEBAJYOTI CHATTERJEE, SOUVIK DAS; PRIYANSHU KUMAR. A METHOD FOR FACIAL RECOGNITION ATTENDANCE
61. PROF. SANTANU BASAK, RITAM HALDER; ANURAAG DAS. A METHOD FOR FINGERPRINT MOTION DETECTION
62. Prof. DEBAJYOTI CHATTERJEE ARITRA SANYAL; ASHMIT PALIT. A METHOD FOR GENERATING A POSTER BASED ON USER INPUT
63. DR. TAPAS SI, TURJO ROY; DIPANNITA DAS. A METHOD FOR MEDICAL DATA ANALYSIS
64. Prof. Sagarika Ghosh, Rohit Chakraborty. A METHOD FOR PROCESSING IMAGES USING A TRANSFORMER-BASED ARCHITECTURE
65. Prof. SAGARIKA GHOSH, ANDRILA SARKAR. A METHOD FOR RETRIEVING ANSWERS BASED ON USER QUERIES
66. SOUMYA SEN, MANIK DHIMAN; SONU YADAV. A METHOD FOR TEXT SUMMARIZATION USING NATURAL LANGUAGE PROCESSING (NLP)
67. SOUMYA SEN, SHIVANAND KR. JHA; RISHAV RAJ. A STUDENT LEAVES MANAGEMENT SYSTEM
68. SANTANU BASAK, KARTIK AGARWAL; PIYUSH SHARMA; PAWAN KUMAR KUMHAR. A SYSTEM FOR FACILITATING SECURE COMMUNICATION BETWEEN A PLURALITY OF USER DEVICES
69. DIPTA MUKHERJEE, ANKIT PAUL, AN APPLICATION FOR ORDERING FOOD
70. DIPTA MUKHERJEE, AKASH DEEP GANGULY. A METHOD FOR PREDICTING AUTISM SPECTRUM DISORDER (ASD) IN AN INDIVIDUAL
71. Prof. DIPTA MUKHERJEE AMAN SK.; PRIYAM MONDAL; KESHAV KUMAR SINGH. BOXING TRAINING SYSTEM BASED ON ARTIFICIAL INTELLIGENCE/MACHINE LEARNING (AI/ML)
72. PROF. SAGARIKA GHOSH, SAMIP GHOSH; ARINDAM DUTTA; ALOKESH GHOSH. METHOD FOR DETERMINING CURRENT WEATHER CONDITIONS
73. PROF. HRIDAY BANERJEE, SOUMYADEP DAS; SURAJIT MONDAL; MOHIT SHARMA. MENTAL WELLNESS MANAGEMENT SYSTEM
74. PROF. DIPTA MUKHERJEE, ABHIGYAN DAS; SHAYAR DAS; SAHIL KUMAWAT. METHOD FOR PREDICTING CAR INSURANCE RETENTION
75. PROF. JYOTI ANAND, SIMRAN KUMARI; PRINCE KUMAR. CAR RENTAL SYSTEM
76. JYOTI KHANDELWAL, ABHIJEET KUMAWAT; BISHNU KUMAR SINGH. METHOD FOR PREDICTING CHRONIC KIDNEY DISEASE
77. PROF. DR. TAPAS SI, ROSHAN KUMAR; ESHA MISHRA. METHOD FOR CLASSIFYING HEPATITIS DISEASE USING ARTIFICIAL INTELLIGENCE

78. PROF. DR. TAPAS SI, PRIYANSHU GHOSH CHOWDHURY; HARIOM KUMAR RAY. METHOD FOR CLASSIFYING THORACIC SURGERY USING ARTIFICIAL INTELLIGENCE
79. Prof. DIPTA MUKHERJEE, SHANU AARYAN; INDIRA GHOSH; SECURED DONATION SYSTEM
80. PROF. SANTANU BASAK, PAWAN SAW; AYUSH KUMAR. CURRENCY CONVERTER SYSTEM
81. PROF. DIPTA MUKHERJEE, DEVRADITYA SINGH CHOUHAN; JAYESH NARAYAN SARKAR. DECENTRALIZED DATA STORAGE SYSTEM
82. PROF. DIPTA MUKHERJEE, ULTA AAYUSH; ANKIT GHOSH. VOICE ASSISTANT SYSTEM
83. PROF. SAGARIKA GHOSH, RAHUL SAUKARIYA; UDAY BHARTI; HARSH KUMAR KUMAWAT. DOMINANT COLOUR EXTRACTION SYSTEM
84. PROF. JYOTI KHANDLWAL, GOPENDU MANNA; SOUMEN PAL. REMOTE PARCEL DROP SYSTEM
85. PROF. JYOTI KHANDLWAL SHARAD JANGID; NIVESH AGRAWAL; HIMANSHU RAJ. METHOD FOR DETECTING DROWSINESS FACIAL EXPRESSION
86. PROF. DIPTA MUKHERJEE, PALLAB MONDAL. IOT BASED INTERFACE DESIGNING SYSTEM
87. PROF. JYOTI KHANDLWAL, SWAPAN KUMAR SHEE; SHIVAM KUMAR MISHR. IMAGE SECURITY SYSTEM
88. PROF. SANTANU BASAK, AYAN MALHOTRA. ELECTRONIC HEALTH RECORD (EHR) SYSTEM
89. PROF. DIPTA MUKHERJEE, KHUSHI MEENA. METHOD FOR ANALYSIS OF EMPLOYEE ATTRITION.
90. PROF. JYOTI KHANDLWAL, SAHIL VEDWAL; ROSHAN KUMAR KUMAWAT. EXPENSE MANAGEMENT SYSTEM
91. PROF. HRIDAY BANERJEE, ADARSH KUMAR; SANCHAITA KUNDU. GAS LEAKAGE DETECTION SYSTEM
92. PROF. SAGARIKA GHOSH, SHUBHAM BISHNOI. METHOD FOR PREDICTING HEALTHCARE OUTCOMES
93. PROF. SAGARIKA GHOSH, ABHISHEK CHAKRABORTY; RITESH KUMAR; ANJAN CHOWDHURY. AUTOMATED IMAGE DESCRIPTION GENERATION SYSTEM USING A TRAINED AI MODEL
94. PROF. JYOTI KHANDLWAL, DEEPAK JHA. IoT BASED AUTOMATED SHOPPING SYSTEM
95. Prof. SOURAV KUMAR, HEMANT SINGH; GAJENDRA BAJIYA; JATIN TUNDALAYAT. METHOD FOR PREDICTING FLOWER SPECIES
96. PROF. SOUMYA SEN, MANISH SHARMA; GARGI ARYA; RISHIKESH KUMAR SINGH. ELECTRONIC LEARNING SYSTEM
97. PROF. DEBAJYOTI CHATTERJEE, SANCHAYAN GHOSH; SURAKTIM CHOUDHARY. CRIMINAL RECORD DATABASE MANAGEMENT SYSTEM
98. PROF. JYOTI KHANDLWAL, ARIN; JAGRITI KUMARI; MANISH KUMAR. ELECTRONIC NEWS READING SYSTEM
99. PROF. SOURAV KUMAR, NILESH SHARMA; DEVANG SHARMA. METHOD FOR DETECTING PARKINSON'S DISEASE USING MACHINE LEARNING
100. RIMI MAJUMDAR; JYOTI ANAND; AFAQ AHMAD. PLANT MONITORING SYSTEM BASED ON INTERNET OF THINGS (IOT)
101. RIMI MAJUMDAR; JYOTI ANAND; AFAQ AHMAD. PLANT MONITORING SYSTEM BASED ON INTERNET OF THINGS (IOT)
- PROF. HARIDAY BANERJEE, HRICHIK MANDAL; ATANU SHIL. METHOD FOR PREDICTING DIABETES
102. PROF. DIPTA MUKHERJEE, KRISHNA DEV GHOSH; MD AMAAN; RAKESH KUMAR. PUBLIC NOTICE
103. PROF. HRIDAY BANERJEE, SURYA SEKHAR PRAJAPATI; SUSHANT ROY; PIYUSH SHARMA. ELECTRONIC TOURISM SYSTEM
104. PROF. SANTANU BASAK, ABHISHEK PANDEY; MAYANK RAJ. METHOD FOR DETECTING REAL-TIME OBJECTS
105. PROF. HRIDAY BANERJEE, PRASHANT KUMAR; ANKIT KUMAR SUMAN. METHOD FOR DETECTING FAKE NEWS

106. PROF. JYOTI KHANDELWAL, DIPTA MUKHERJEE, SHIVA PAREEK; ROHIT KUMAR KUMAWAT. GRAPHIC DESIGNING INTERFACE PURCHASING SYSTEM
107. PROF. DIPTA MUKHERJEE, SRINJOY PAUL; ABHIJIT DUBEY; SOMEN HALDER. METHOD FOR DETECTING SPAM USING LONG SHORT-TERM MEMORY (LSTM) NEURAL NETWORKS
108. PROF. DIPTA MUKHERJEE, SUMONA BANERJEE; TANAY ANAND; AMAN SINGH; RAJVIR SINGH. AUTOMATED ATTENDENCE SYSTEM
109. PROF. DIPTA MUKHERJEE, TAPENDU MANDAL. METHOD FOR TEMPORAL ANALYSIS OF LAND SURFACE TEMPERATURE
110. PROF. SAGARIKA GHOSH ANKESH KUMAWAT; PANKAJ; DEVENDRA SINGH; JYOTI ANAND. METHOD FOR DETECTING LANE IN AUTONOMOUS DRIVING SYSTEM
111. NILESH KUMAR; JYOTI KHANDELWAL. VOICE BASED MANAGEMENT SYSTEM
112. PROF. DIPTA MUKHERJEE, AMAN ANSARY; SOUJANNYA MAITI. METHOD FOR CREATING A 3D MODEL ENVIRONMENT
113. PROF. SOURAV KUMAR SURENDRA PRASAD SAW; ABHISHEK KUMAR MISHRA; INDRAJIT KUMAR. VOICE COMMAND BASED MANAGEMENT SYSTEM
114. PROF. DIPTA MUKHERJEE, GAJAL KALER; GARGI BISWAS. WIRELESS COMMUNICATION SYSTEM
115. SOUMALYA HAJRA; SWAYAM; SAYAN SOME; SOUMEN SARKAR. A METHOD FOR MANAGING MARKS UPLOADED
116. YASH MISHRA; ANKIT KUMAR; HRIDAY BANERJEE; SOURAV KUMAR. A METHOD FOR CONDUCTING ALGORITHMIC TRADING USING A TRADING PLATFORM API
117. ASST. PROF. HRIDAY BANERJEE, ABHINAY SINGH; SAHIL. ELECTRONIC VOTING SYSTEM
118. PROF. HRIDAY BANERJEE, SANKET RAJ CHAUHAN; SHIKHAR VERMA. HEALTH CONSULTATION SYSTEM

WEBINER ON DSA TO DEVELOPMENT

ORGANIZED IN ASSOCIATION WITH IIC

The Codesta Coding Club of the University of Engineering and Management, Jaipur, in association with IIC, IQAC, and ACM UEMJ CHAPTER, conducted a WEBINER ON DSA TO DEVELOPMENT on 5th, November 2024 in the Basement Seminar Hall for all students of 2nd-year B.Tech CSE and AIML. The workshop aims to provide more knowledge about DSA to the students. In this event, students participated with great enthusiasm. 25 students participate in this workshop. Congratulations to all the students for participating in the WEBINAR ON DSA TO DEVELOPMENT. All students enjoyed the event very much, and we hope that they will continue to participate in such events.

Faculty coordinators:

Prof. Joyti Khandelwal

Prof. Joyti Anand

Resource person:

Mr. Jatin Kumawat

(Alumini UEMJ)

Codesta Coding Club Presents

DSA to DEVELOPMENT

Mr. Jatin Kumawat
Student Alumni
UEMJ

05 NOV Tuesday
3:30 PM to 4:30 PM
Basement Seminar Hall

REGISTER NOW!

STUDENT COORDINATOR
SAURABH SHUKLA

FACULTY COORDINATOR
DR. JYOTI KHADELWAL
PROF. JYOTI ANAND



Tech Camp 2025 – Google Android Developer Workshop-Eduskill 03.02.2025 to 05.02.2025

UEM Jaipur, in collaboration with Eduskills, has successfully completed the Tech Camp 2025 – Google Android Developer Workshop for 2nd Year CSE, CSE(AIML), First Year BCA, and MCA students, held from February 3 to February 5, 2025. This Techcamp provided students with hands-on experience in Android development, equipping them with essential technical skills and fostering creativity in mobile application development. The enthusiastic participation and engagement of students made this initiative a great success.

We are also proud to share that UEM Jaipur has received an Appreciation Certificate from Eduskills for our efforts in successfully conducting this Techcamp. This recognition highlights our commitment to providing quality learning experiences and industry-relevant skill development for our students.

Faculty Coordinator: Prof. Dipta Mukherjee



FLUTTER BOOTCAMP

The UEM Jaipur ACM Student Chapter, in collaboration with IQAC, IIC, and Codesta, successfully organized a 4-day Flutter Bootcamp from February 27, 2025, to March 2, 2025. Mr. Rohit Agarwal, Senior Software Developer at GeekyAnts, served as the instructor and mentor, assisted by Sagnik Nandi, Pabitra Ghorai, and Aritra Sanyal. The bootcamp saw enthusiastic participation from interested 1st-year and 2nd-year B.Tech (CSE & AIML) and BCA students, eager to learn and explore Flutter and Firebase.

The bootcamp provided students with hands-on experience in Flutter and Firebase, preparing them for real-world app development. It covered Flutter architecture, widgets, state management, UI design, animations, and Firebase integration, with interactive Q&A and live coding sessions enhancing the learning experience. The session was highly enjoyed by all participants, making it an engaging and valuable learning experience.

RESOURCE PERSONS (Faculty Co-ordinators)

1. Prof. Sagarika Ghosh
2. Prof. Dipta Mukherjee
3. Prof. Sourav Kumar

RESOURCE PERSON

1. Mr. Rohit Agarwal (Software Engineer at GeekyAnts)



The poster for the Flutter Bootcamp features a blue and purple gradient background. At the top, logos for UEM Jaipur, ACM UEMJ Student Chapter, IQAC, and the Institution's Innovation Council are displayed. The main title "FLUTTER BOOTCAMP" is prominently shown in white. Below it, the location "BASEMENT SEMINAR HALL" and dates "27 FEB - 2 MAR, 2025" are listed. The time "3:30 PM (THU-FRI) 9:30 AM (SAT-SUN)" is also provided. A portrait of Mr. Rohit Agarwal, Senior Software Engineer at GeekyAnts, is featured on the left, with the text "GUEST SPEAKER" below it. The bottom left corner includes the Android logo and the text "LEARN ANDROID APP DEVELOPEMENT USING FLUTTER". The bottom right corner shows an illustration of three people interacting with a large smartphone screen.

UEM Jaipur
acm UEMJ Student Chapter
IQAC
INSTITUTION'S INNOVATION COUNCIL

UEMJ ACM Student Chapter presents

FLUTTER BOOTCAMP

BASEMENT SEMINAR HALL
27 FEB - 2 MAR, 2025
3:30 PM (THU-FRI)
9:30 AM (SAT-SUN)

Mr. Rohit Agarwal
Senior software Engineer
at Geeky ants
GUEST SPEAKER

LEARN ANDROID
APP DEVELOPEMENT
USING FLUTTER



DRONE DISCOVERY WEEK Phase-II

IEEE Student Chapter and ACM Student Chapter of UEM Jaipur have jointly organized a 2 Day workshop on 1-2 March, 2025 from 10.00 AM-4.00 PM for mastering the art of drone flying, learning Aerial Photography, and discovering cutting-edge drone applications. This event motivates our first-year students for future project work on cutting-edge technology.

The event DRONE DISCOVERY WEEK Phase-II was completed with the help of our emerging startup Dronesster.

The august presence of our Associate Dean of Engineering Prof.(Dr.) G. Uma Devi and Prof. Dipta Mukherjee (Proctor), Prof. Sagarika Ghosh helped and motivated the participants involved in the workshop.

We are thankful to the Hon'ble Vice Chancellor Sir Prof.(Dr.) Biswajoy Chatterjee and Registrar sir Prof.(Dr.) Pradeep Kumar Sharma for their wholehearted support.

A total 30 students from the B.Tech and BCA departments in 6 batches (5 students/batch) were involved in this training activity.

Faculty Coordinator:

1. Prof. Surajit Sur(IEEE Student Counselor)
2. Prof. Sagarika Ghosh(ACM Student Chapter)

acm UEMJ Student Chapter

IQAC

IEEE UEMJ STUDENT BRANCH

DRONESSTER

UEM UNIVERSITY OF ENGINEERING & MANAGEMENT

*"Unlocking the Power of Drones
Improving Efficiency, Safety, and Quality of Life"*

UDARAN
PHASE - II

Free of Cost

**Hands-on
Drone Workshop**

**Everybody can join
with a team of 6 members**

ENROLL NOW!

FACULTY COORDINATOR
PROF. SURAJIT SUR
IEEE STUDENT BRANCH COUNSELOR
PROF. SAGARIKA GHOSH
ACM FACULTY COORDINATOR

Date
1st & 2nd March, 2025
Time : 10.00 AM - 4.00 PM

Venue
Mini Seminar Hall, Main Building UEMJ

FOR CONTACT
+91- 86953 32482
+91- 86740 23314

MORE INFORMATION :
www.dronesster.com



WEB 3 CARNIVAL JAIPUR

The Web3 Carnival Jaipur was the 5 day bootcamp from 17-21 March 2025 . It was a dynamic and highly engaging pre-hackathon event designed to equip participants with hands-on knowledge in blockchain technology, decentralized applications (dApps), and smart contract development. This event served as a precursor to AceHack 4.0 and aimed to enhance technical proficiency in Web3 technologies through a series of immersive workshops and interactive sessions.

OBJECTIVES

1. To provide a comprehensive understanding of Web3 technologies such as blockchain, smart contracts, and decentralized applications.
2. To offer hands-on experience with Core DAO, Aptos, and EduChain.
3. To prepare participants for the upcoming AceHack 4.0 by strengthening their technical and problem-solving skills.
4. To create networking opportunities among students, developers, and industry experts.



The Web3 Carnival consisted of multiple expert-led workshops, hackathon-style sessions, and community networking opportunities. Key highlights of the event include:

1. Core DAO Workshop (March 17, 2025)

- A deep dive into Core DAO's blockchain infrastructure and its applications.
- Practical guidance on developing decentralized applications (dApps).

RESOURCE PERSONS :

1. Alok Agarwal 2. Piyush Kr Rai

2. Build on Aptos Bootcamp (March 18 – 19, 2025)

- A two-day intensive bootcamp focused on creating dApps on the Aptos blockchain.
- Competitive challenges designed to push the boundaries of innovation.

RESOURCE PERSONS :

1. Sahitya Roy 2. Aryan Bramhane 3. Bhupendra Chouhan

3. EduChain Build Station (March 20 – 21, 2025)

- Hands-on experience with EduChain's ecosystem.
- Development and deployment of Web3 projects using EduChain tools.

RESOURCE PERSONS :

1. Sahitya Roy 2. Aryan Bramhane 3. Bhupendra Chouhan





Session on "Intellectual Property (IP) Strategy for Innovation Entrepreneurs"

In line with the institution's commitment to fostering innovation and promoting awareness on intellectual property rights (IPR), a dedicated session titled "Intellectual Property (IP) Strategy for Innovation Entrepreneurs" was conducted on 04 July 2025 from 10:30 AM in basement seminar hall. The event was designed to educate aspiring entrepreneurs and innovators on the strategic importance of intellectual property in driving innovation, securing competitive advantage, and ensuring sustainable business growth. The session witnessed active participation from over 180 attendees, including final-year students, faculty members, budding entrepreneurs, and members of the university's incubation and innovation cells. The interactive nature of the session fostered a productive dialogue between the speaker and the audience.

The session effectively fulfilled its objective of sensitizing the academic and entrepreneurial community to the strategic relevance of intellectual property. It also reinforced the importance of embedding IP awareness at all stages of innovation. The institution looks forward to organizing similar capacity-building sessions in the future to nurture a robust culture of innovation and IP literacy.



UEM University of Engineering & Management
IEM - UEM Group | Jaipur

IEM & UEM Institutions are Founded and Managed by IITians and Majority of Faculty are IITians

Intellectual Property (IP) Strategy for Innovative Entrepreneurs

04 July, 2025 | 10:30am

Basement auditorium, UEM Jaipur

Resource Person
Dr. G. Uma Devi
Associate Dean, Engineering
University of Engineering & Management,
Jaipur

Event Coordinators:
Dr. Rahul Sharma, HOD,
Department of MBA, UEM, Jaipur
Dr. Abheek Gupta,
Associate Professor,
Department of CSE, UEM, Jaipur



WEBATHON

The event was organized by **UEM Jaipur ACM Student Chapter** and **GDG On Campus**, in association with **IIC** and **IQAC** on 14/09/2024 (9:30AM–12:30 PM). The goal of “**WEBATHON**” was to bring together students with a passion for web development and give them a chance to show off their skills in a fun, competitive setting. By challenging participants to redesign the **UEM Jaipur website**, the event aimed to inspire creativity and problem solving, while helping them gain hands-on experience. It was also a great opportunity for students to collaborate, share ideas, and be recognized for their efforts, all while contributing to the improvement of their own university’s online presence.

COORDINATOR:

Prof. Sagarika Ghosh, Prof. Sourav Kumar,
Prof. Dipta Mukherjee.



The poster for the Webathon event features a dark background with a grid pattern and glowing lines. At the top, logos for UEM, GDG On Campus, IIC, and IQAC are displayed. Below these, the ACM UEMJ Student Chapter and Google Developer Student Clubs logos are shown. The main title "WEBATHON" is in large, bold, yellow letters, with the tagline "RACE AGAINST THE CLOCK: BUILD WEBSITES IN RECORD TIME!" underneath. The central graphic shows three overlapping browser windows displaying code. To the right is a QR code with the word "REGISTER" below it. At the bottom left, a location pin icon is next to "Central Lab". To the right, a calendar icon is next to "14 Sep, 9:30am". Below these are two boxes for coordinators: "FACULTY COORDINATORS:" listing Prof. SAGARIKA GHOSH, Prof. DIPTA MUKHERJEE, and Prof. SOURAV KUMAR; and "STUDENT COORDINATORS:" listing SOUMYADEEP (+91 6909764006), SUBHANEEL (+91 760226 74257), and RIMI (+91 86498 6179).

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Jaipur

GDG On Campus

IIC
INSTITUTION'S INNOVATION COUNCIL

IQAC
INSTITUTIONAL QUALITY ASSURANCE COUNCIL

acmUEMJ
Student Chapter

Google Developer Student Clubs
University of Engineering & Management, Jaipur

PRESENTS

WEBATHON

RACE AGAINST THE CLOCK: BUILD WEBSITES IN RECORD TIME!

EXCITING PRIZES

REGISTER

Central Lab

14 Sep, 9:30am

FACULTY COORDINATORS:
Prof. SAGARIKA GHOSH
Prof. DIPTA MUKHERJEE
Prof. SOURAV KUMAR

STUDENT COORDINATORS:
SOUMYADEEP (+91 6909764006)
SUBHANEEL (+91 760226 74257)
RIMI (+91 86498 6179)

The “WEBATHON” event was to bring together students passionate about web development and challenge them to come up with fresh and innovative redesigns for the UEM Jaipur website. The competition aimed to boost participants' technical abilities, promote creative problem-solving, and create a platform for collaboration and networking among students. The event attracted a diverse group of participants from various departments and academic years, resulting in a dynamic mix of skill levels and ideas.

The theme for the competition was “UEM Jaipur Website Re-design”. Participants were tasked with creating a new design and structure for the university’s website, focusing on user experience, visual aesthetics, and site functionality.

The event commenced at 9:30 AM with a brief introduction by the organizing committee, outlining the event rules and evaluation criteria. Participants were given a time frame of 2 hours 30 minutes to build and present their website designs. Throughout the event, faculty members and student mentors were available to provide guidance and technical support. Each and every student was provided with access to the necessary software tools and internet connectivity, enabling them to bring their creative ideas to life. After the design phase, participants presented their website prototypes to the judging panel.

Judging Criteria: The judging criteria included:

- Visual Design: Creativity, layout, and overall look and feel.
- User Experience: Ease of navigation, clarity, and functionality.
- Technical Implementation: Coding quality, responsiveness, and technical complexity.
- Originality: Novelty and uniqueness of the ideas presented.
- Presentation: Clarity and effectiveness in communicating design decisions.

The judges panel for the WEBATHON was the respected faculties of Computer Science & Engineering Prof. Jyoti Anand and Prof. Sourav Chakraborty. They gracefully agreed to select the top 3 winners from the event.

Winners: 1st Place: Md Shahareyar Anjum (4th Year, B.Tech)

2nd Place: Preetam Kumawat (2nd Year, BCA)

3rd Place: Soham Roy (1st Year B.Tech)



Code Carnival

The session was attended by 29 students of University of Engineering & Management, Jaipur. The Code Carnival coding competition featured single individual participants who tackled unique problem-solving challenges independently on HackerRank. Their performance demonstrated strong analytical thinking and creativity, highlighting individual talent. The event successfully fostered personal growth and competitive spirit among participants. This was held on 14/09/2024 at 02:00 PM – 04:00 PM, Venue: CSE Central Lab, Academic Block-I, UEM, Jaipur. Code Carnival aims to boost problem-solving skills and algorithmic thinking through unique coding challenges. It seeks to identify and reward emerging programming talent.

RESOURCE PERSON:

Mr. Manas Kashyap



Quiz Buckers

Organized in Association with IIC Codesta Coding Club

Quiz Buckers (15/09/24) aims to boost problem-solving skills and algorithmic thinking through unique coding challenges. It seeks to identify and reward emerging programming talent. The session was attended by 50 students of University of Engineering & Management, Jaipur. The Quiz Buckers coding competition featured single individual participants who tackled unique problem-solving challenges independently. Their performance demonstrated strong analytical thinking and creativity, highlighting individual talent. The event successfully fostered personal growth and competitive spirit among participants.

Individual participants successfully solved unique coding challenges independently. Top performers were recognized for their innovative solutions and coding proficiency. The competition promoted independent problem-solving and analytical thinking. Participants gained valuable experience and showcased their coding talent.

COORDINATOR

Prof. Jyoti Anand

RESOURCE PERSON

Mr. Pulkit Kumar Verma



UEM University of Engineering and Management, Jaipur

TECHUTOPIA 2K24 PRESENTS

QUIZ BUCKERS

11:00AM TO 12:00PM
15 SEPTEMBER, 2024
BASEMENT CENTRAL LAB

REGISTER NOW!

For all branches

Student Coordinator:
Aradhya Pandey(9829466683)
Pulkit Verma(6207212232)

Faculty Coordinator:
Prof. Jyoti Khandelwal
Prof. Jyoti Anand

QR code for registration





BUG-BUSTERS

The event was organized by UEM Jaipur ACM Student Chapter and GDG On Campus, in association with IIC and IQAC. The goal of BUG-BUSTERS - Debug and Conquer was to give students a chance to flex their coding muscles and sharpen their debugging skills. By tackling real-world coding issues, participants got to think on their feet, solve problems creatively, and collaborate with peers. The event was all about turning frustrating bugs into learning opportunities and building confidence in handling complex codebases. This was held on 15/09/2024 at 1:30 –05:00 PM, Venue: Central Lab (CSE Department), Academic Block-I, UEM, Jaipur with number of participants 42.

Coordinator: Prof. Sagarika Ghosh, Prof. Sourav Kumar, Prof. Dipta Mukherjee.

RESOURCE PERSONS (Student Co-ordinators) :

1. Pabitra Ghorai (3rd Year, CSE)
2. Sagnik Nandi (3rd Year, CSE)
3. Rimi Majumdar (3rd Year, CSE)
4. Subhaneel Mukherjee (3rd Year, CSE)
5. Alok Agarwal (3rd Year, CSE)
6. Soumyadeep Das (3rd Year, CSE)

The “BUG-BUSTERS” event was to enhance students’ problem-solving and debugging skills by exposing them to real-world coding challenges. The competition aimed to cultivate a deeper understanding of code optimization, efficient debugging practices, and analytical thinking among participants.

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IQAC
INTEGRATED QUALITY ASSURANCE CELL

Google Developer Student Clubs
Unleash your coding skills & become a developer

PRESENTS

BUG-BUSTERS

DEBUG AND CONQUER: FIX BUGS IN EXISTING CODEBASES!

REGISTER

EXCITING PRIZES

Central Lab

15 Sep, 1:30pm

FACULTY COORDINATORS:
Prof. SAGARIKA GHOSH
Prof. DIPTA MUKHERJEE
Prof. SOURAV KUMAR

STUDENT COORDINATORS:
SOUMYADEEP (+91 6909764006)
SUBHANEEL (+91 760226 74257)
RIMI (+91 86498 6179)



Winners: 1st Place: Pushkar Gupta (1st Year, B.Tech) ,2nd Place: Pulkit Kumar Verma (3rd Year, B.Tech)
 3rd Place: Keshab Bharadwaj (2nd Year, B.Tech)

ACM DSP

The event was organized by UEM Jaipur ACM Student Chapter, in association with IIC and IQAC, on 04/11/2024 at 3.00pm Venue: Basement Seminar Hall, Academic Block-I.

Number of participant are 200 and the objective of ACM DSP in AI/ML applications in digital health is to advance the integration of artificial intelligence and machine learning for improved healthcare outcomes. By fostering innovation in predictive analytics, personalized medicine, and health data analysis, this program aims to enhance diagnostics, treatment planning, and overall patient care efficiency.

The ACM Distinguished Speakers Program event on AI/ML applications in digital health featured Dr. Sriparna Saha, an esteemed Associate Professor in Computer Science and Engineering from IIT Patna. The session provided a comprehensive exploration of AI's journey, current applications, and future potential in healthcare.

RESOURCE PERSONS (Faculty Co-ordinators)

Prof. Sagarika Ghosh, Prof. Sourav Kumar,

Prof. Dipta Mukherjee

RESOURCE PERSONS (Student Co-ordinators)

Alok Agarwal (3rd Year, CSE)

Soumyadeep Das (3rd Year, CSE)



“CODING COMPETITION”

ORGANIZED IN ASSOCIATION WITH IIC AND ACM STUDENT CHAPTER UEMJ

Codesta Coding Club of University of Engineering and Management , Jaipur in association with IIC , IQAC and ACM UEMJ CHAPTER conducted a Coding Contest on 27TH, February 2025 in the Basement seminar hall for students of 2nd and 3rd year. This contest is focused on creating awareness among young learners about coding and helping them to gain experience and boost their confidence to solve real-life problems in an efficient manner. In this event students participated with great enthusiasm. Congratulations on completing the coding competition! Their dedication and skills are truly commendable. Keep up the great work! Congratulations to all the winners of Code Battle .

Winners of this event:

1st - Manas shet

2nd - Piyush Sharma

3rd - Abhijion chatterjee

4th - Vinay Kumar

5th – Jiya Saraf

6th – Soumyadeep Das

7th – Mohit Sharma

8th – Surajit Mandal

9th – Ayush Kumar Shaw

10th – Simran Kumari

These winners are felicitated by Prof. (Dr.) Pardeep Kumar, Prof. (Dr.) G.Uma Devi, Dr. Jyoti Khandelwal and Prof. Jyoti Anand in basement seminar hall.

Faculty coordinators:

Dr. Jyoti Khandelwal

Dr. Jyoti Anand

Resource person:

Ms. Shivani Varshney






UNIVERSITY OF ENGINEERING & MANAGEMENT, JAIPUR
(Approved by AICTE and recognized by UGC, Ministry of HRD, Govt. of INDIA)


Codesta Coding Club Presents

CODE BATTLE

PRIZE MONEY FOR TOP 10 WINNERS

 **Thursday**
27 Feb, 2025

 **Timing**
3:30 pm to 4:30 pm

 **Basment Seminar Hall**

Must bring your laptop

★ **Perks of Participation**

- Enhance your problem-solving skills.
- E-certificate for every participant.
- Get a chance to solve all your queries.
- And more.....

Student coordinator
Saurabh Shukla

Faculty coordinator
Dr.Jyoti Khandelwal
Prof.Jyoti Anand

“CODING COMPETITION”

ORGANIZED IN ASSOCIATION WITH IIC

Codesta Coding Club of University of Engineering and Management, Jaipur in association with IIC, IQAC and ACM UEMJ CHAPTER conducted a Coding Contest on 27th, January 2025 in the Basement seminar hall for students of 1st year. This contest is focused on creating awareness among young learners about coding and helping them to gain experience and boost their confidence to solve real-life problems in an efficient manner. In this event students participated with great enthusiasm. Congratulations on completing the coding competition! Their dedication and skills are truly commendable. Keep up the great work! Congratulations to all the winners of Code Battle.

Winners of this event:

1st - Ashish Kumar Jha

2nd - Piyush Sarkar

3rd - Soumyadeep Pal

4th -Rakesh

5th - Abhinay Agarwal

6th - Novance Patel

7th - Pushkar Gupta

8th - Priyansh

9th - Ritika Agrawal

10th - Purnagya Raj

These winners are felicitated by Prof. (Dr.) Pardeep Kumar, Prof. (Dr.) G.Uma Devi, Dr. Jyoti Khandelwal and Prof. Jyoti Anand in basement seminar hall.

Faculty coordinators:

Dr. Jyoti Khandelwal

Prof. Jyoti Anand

Resource person:

Ms. Shivani Varshney

Codesta Coding Club Presents

CODE BATTLE

Monday 27 Jan, 2025

Timing 3:30 pm to 4:30 pm

Basement Seminar Hall

PRIZE MONEY FOR TOP 10 WINNERS

Perks of Participation

- Enhance your problem-solving skills.
- E-certificate for every participant.
- Get a chance to solve all your queries.
- And more.....

Student coordinator
Saurabh Shukla

Faculty coordinator
Dr. Jyoti Khandelwal
Prof. Jyoti Anand



WEB DEVELOPMENT

ORGANIZED IN ASSOCIATION WITH IIC

Codesta Coding Club of University of Engineering and Management, Jaipur in association with IIC , IQAC and ACM UEMJ CHAPTER conducted a Workshop on WEB Development on 24th, March 2025 in the Mini Seminar Hall for all intrested students of 1st year B.tech . Aim of this event is to Explore potential career opportunities and internships in web development. In this event students participated with great enthusiasm. Congratulations to all the students for participating in Workshop on Web Development. All students enjoyed the workshop very much and we hope that they will continue to participate in such events.

Faculty Coordinator:

Prof. Jyoti Khandelwal



HackUEM 3.0

On 11th March 2025, our campus transformed into an innovation hub as 300 passionate hackers gathered for HackUEM3.0 – the ultimate qualifier hackathon paving the way to AceHack4.0, scheduled for 29th-30th March 2025. For 8 adrenaline-charged hours, teams immersed themselves in rigorous brainstorming, turning out-of-the-box ideas into real-world, impactful products.

The top-performing teams of HackUEM3.0 will receive direct entry into AceHack4.0. Additionally, they will be enrolled in an exclusive training program from 17th to 21st March, designed to refine their projects into market-ready solutions. This intensive program, led by industry experts and mentors, will provide.

RESOURCE PERSONS (Faculty Co-ordinators)

1. Dipta Mukherjee
2. Sagarika Ghosh
3. Sourav Kumar



ACEHACK 4.0

University Of Engineering and Management Jaipur ACM Student Chapter in collaboration with the Department of Computer Science and Engineering conducted a 36 Hour in - Person Hackathon.

ACEHACK 4.0, a 24-hour hackathon organized by UEM Jaipur collaboration with ACM Student Chapter, unfolded on 29-30th March, 2025, at the UEM Jaipur campus. This dynamic event saw a robust participation of lots of individuals physically present for the hackathon. Notably, the event introduced the innovative Catch the Flag (CTF) challenge for the first time in Rajasthan, drawing 65 eager participants.

The event boasted an illustrious lineup of guests, including Dr. Ravi Prakash Meherda, IPS, DG - Cyber, Rajasthan Police, as the esteemed Chief Guest. Joining him were distinguished figures such as Shri Kapil Garg, IPS, Ex-DIG, Rajasthan Police; Shri Mahendra Lal Kumawat, IPS, EX-DGP, BSF; Shri Praveen Thakur, CTO, Nordek; Shri Nand Kishore Yadav, Founder RNS Cyber Solution; Shri Pawan Choudhary, Cyber Expert and Consultant; and Shri Hargovind Bansal, CEO, Hnnoix India Ltd.

The event benefited from the guidance of over 30 mentors who generously shared their expertise to nurture the participants' talents.

The dignitaries were graciously welcomed by Prof. Dr. Pradeep Kumar Sharma, Registrar, UEM Jaipur; Prof. Dr. Mrinal Kanti Sarkar, HOD, Dept. of CSE, UEM Jaipur; Prof. Dr. Prashant Ranjan, HOD, Dept. of ECE; Dr. B. S. Yadav, Director of Physical Education; Prof. Dr. G. Uma Devi, Dept. of CSE; and Prof. Dipta Mukherjee, Dept. of CSE, who felicitated the esteemed guests.





Gaming Competitions Organized

BGMI CHAMPINSHIP 6.0 & VALORANT CHAMPINSHIP 6.0

The University of Engineering & Management (UEM), Jaipur successfully hosted Gaming Geeks 6.0, an electrifying BGMI & VALORANT tournament organized by the Gaming Geeks Club from March 14 to March 16, 2025.

Aspiring esports players showcased their strategic gameplay, teamwork, and competitive spirit on BGMI Tournament and VALORANT Tournament making this event a thrilling experience for participants.



Gaming Geeks

Gaming Geeks - The UEM Jaipur Gaming Club" organized a Three Day Inter College Gaming event at UEM Jaipur Campus during 14-03-2025 to 16-03-2025. The players competed in two games to fight for their crown: Battlegrounds Mobile India (BGMI) and Valorant.

Total 30 teams participated among which 5 teams came out victorious.

The event commenced with a warm welcome of students by Prof. Hriday Banerjee, Dept. Of CSE, UEM Jaipur. Over 120 students attended in the above mentioned gaming competitions. The students competed with all integrity and in a joyful environment.

The event was concluded with Prize Distribution Ceremony which was conducted by our honorable registrar Prof. (Dr.) Pradeep Kumar Sharma and Prof. (Dr.) G. Uma Devi from the Department of Computer Science & Engineering, UEM Jaipur.



PLACEMENT TRAINING

With 3 Offer Letter

- Roshan Kumar (CSE) - Mechlin Technologies, Ubuy Technologies Pvt. Ltd., CoreLogic
- Aryan Singh (CSE) - Rinex Technologies Private Limited, Rinex Technologies Private Limited, Ubuy Technologies Pvt. Ltd.
- Om Prakash Sona (CSE) - Ubuy Technologies Pvt. Ltd., Prodesk IT, Chetu. Inc.
- Sanchaita Kundu (CSE) - Ubuy Technologies Pvt. Ltd., VRAIO Software Solutions Pvt Ltd, CoreLogic
- Shivanand Kumar Jha (CSE) - Ubuy Technologies Pvt. Ltd., Chetu. Inc., Quantish Opinion
- Himanshu Raj (CSE) - Ubuy Technologies Pvt. Ltd., Chetu. Inc., Kaynes Technology India Limited
- Avinash Mehta (CSE) - InfoObjects Inc, Rams Creative Technologies, Metacube Software Pvt. Ltd.
- Sanket Raj Chauhan (CSE) - Launched Global, Kaynes Technology India Limited, Absolute Global Travel Private Limited

With 2 Offer Letter

- Snehashish Bhakat (CSE) - DianApps Technologies Pvt Ltd, HashedIn Technologies by Deloitte
- Sumona Banerjee (CSE) - Requite Solutions Pvt. Ltd., Kaynes Technology India Limited
- Abhinav Anand (CSE) - Friscon Solutions, Quantish Opinion
- Dipendu Mukherjee (CSE) - Acmegrade Pvt. Ltd., Launched
- Soumalya Hajra (CSE) - Acmegrade Pvt. Ltd., Ubuy Technologies Pvt. Ltd.
- Anmol Sinha (CSE) - Ubuy Technologies Pvt. Ltd., Mechlin Technologies
- Kartik Agarwal (CSE) - Ubuy Technologies Pvt. Ltd., Cyntexa Labs Pvt. Ltd.
- Arya Kumar Johary (CSE) - Mechlin Technologies, Metacube Software Pvt. Ltd.
- Sourabh Chhipa (CSE) - Prodesk IT, Metacube Software Pvt. Ltd.
- Abhay Prasad (CSE) - InfoObjects Inc, iOPEX Technologies
- Anjan Chowdhury (CSE) - Ubuy Technologies Pvt. Ltd., Chetu. Inc.
- Debabrata Maity (CSE) - Rams Creative Technologies, Metacube Software Pvt. Ltd.
- Shikhar Verma (CSE) - Rams Creative Technologies, Launched
- Krishanpal Singh (CSE) - Rams Creative Technologies, Kaynes Technology India Limited
- Andrila Sarkar (CSE) – Launched, iOPEX Technologies
- Pritam Kundu (CSE) – Launched, Aaklan IT Solutions Pvt. Ltd.
- Gopendu Manna (CSE) - Metacube Software Pvt. Ltd., True Value Infosoft Pvt. Ltd.
- Priyanshu Ghosh Chowdhury (CSE) - Dreamsoft4u Pvt. Ltd., Quantish Opinion
- Adarsh Kumar (CSE) - Chetu. Inc., Kaynes Technology India Limited
- Basant Kushwaha (CSE) - Chetu. Inc., Kaynes Technology India Limited
- Prerona Kumar (CSE) - Chetu. Inc., Quantish Opinion
- Sandeep Prasad (CSE) - Kaynes Technology India Limited, Quantish Opinion
- Md Amaan (CSE) - Kaynes Technology India Limited, Mindenious Company
- Himanshu Pandey (CSE) - Kaynes Technology India Limited, Quantish Opinion
- Venika (CSE) - Quantish Opinion, iOPEX Technologies

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 Campus: "Gurukul", Udaipuria Road, 6 Kms. from Chomu on Sikar Road, Jaipur-303807 (Rajasthan) | www.uem.edu.in

IMA TODAY, MAALY, Cambridge English, AIMA, NTA, UGC, NAAC, ISO 9001:2015

2025 Placements
Heartiest Congratulations
 for Getting Job Offer at **HashedIn Technologies**
 by **Deloitte.**


Snehasish Bhakat
 B.Tech, CSE (AIML)

with an offer of **8.1 LPA**

Admission Helpline Nos. 9887313330, 9887933330, 9887806930

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 IEM - UEM Group | Jaipur

IEM & UEM Institutions are Founded and Managed by IITians and Majority of Faculty are IITians

IMA TODAY, MAALY, Cambridge English, AIMA, NTA, UGC, NAAC, ISO 9001:2015

2025 Placements
Heartiest Congratulations
 for Getting Job Offer in **CoreLogic**


Sanchaita Kundu
 B.Tech CSE (AIML)


Roshan Kumar
 B.Tech CSE (AIML)


Swapan Kr. Shee
 (B.Tech. (Data Science))

Admission Helpline Nos. 9887313330, 9887933330, 9887806930

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2025 Placements
Heartiest Congratulations
 for Getting Job Offer in **Cyntexa Labs Pvt. Ltd.**


Kartik Agarwal
 B.Tech. CSE (AIML)

Admission Helpline Nos. 9887313330, 9887933330, 9887806930

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IMA TODAY, MAALY, Cambridge English, AIMA, NTA, UGC, NAAC, ISO 9001:2015

2025 Placements
Heartiest Congratulations
 for Getting Job Offer at **Walmart Global Tech India**
 with an offer of **22.6 LPA**


Esha Mishra
 B.Tech. CSE (AIML)

9887313330, 9887613330, 9887806930, 9887933330

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2025 Placements
Heartiest Congratulations
 for securing Job at **Mechlin Technologies**

Anmol Sinha
 B.Tech. CSE

Arya Kumar Johary
 B.Tech. CSE

9887313330, 9887613330, 9887806930, 9887933330

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2025 Placements
Heartiest Congratulations
 for Getting Job Offer in Metacube Software Pvt. Ltd.

Anushree Agarwala
 B.Tech. CSE (AIML)

Debabrata Maity
 B.Tech. CSE (Data Science)

Aarvag Khimae
 B.Tech. CSE, AIML

Soumen Pal
 B.Tech. CSE

Aman Sharma
 B.Tech. CSE (Data Science)

Gopendu Manna
 B.Tech. CSE

Arya Kunwar Johary
 B.Tech. CSE (AIML)

Swayam
 B.Tech. CSE (IoT, Cyber Security)

Sourabh Chhila
 B.Tech. CSE

Shanu Aaryan
 B.Tech. CSE
 IoT & Cyber Security

Avinash K. Mehta
 B.Tech. CSE
 IoT & Cyber Security

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2025 Placements
Heartiest Congratulations
 for Getting Job Offer at **Mechlin Technologies**

Roshan Kumar
 B.Tech. CSE (AIML)

9887313330, 9887613330, 9887806930, 9887933330

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 Campus: 'Gurukul', Udaipuria Mod, 6 Kms. from Chomu on Sikar Road, Jaipur-303807 (Rajasthan) | www.uem.edu.in

2025 Placements
Heartiest Congratulations
 for Getting Job Offer at **InfoObjects Inc.**

Abhay Prasad
 B.Tech, CSE
 (AIML)

Avinash Mehta
 B.Tech, CSE
 (IoT & Cyber Security)

Admission Helpline Nos. 9887313330, 9887933330, 9887806930

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2025 Placements & Maximum Job Offers

JOB OFFERS 4	 Omprakash Sona Ubuy Technologies Pvt. Ltd. Kaynes Technology India Ltd. Prodesk IT, Chetu, Inc.	 Priyanshu Kumawat Kinlong Hardware (I) Pvt. Ltd. Travel Lykke, Launched Global Movidu Technologies Pvt. Ltd.	JOB OFFERS 3	 Roshan Kumar Mechlin Technologies, CoreLogic Ubuy Technologies Pvt. Ltd.	 Avinash Kr. Mehta Metacube Software Pvt. Ltd. InfoObjects Inc. Rams Creative Technologies	 Sanchaita Kundu CoreLogic VRAIO Software Solutions Pvt Ltd Ubuy Technologies Pvt. Ltd.
 Abhinav Gupta Cape Electric, Launched, Kaynes Technology India Ltd.	 Himanshu Raj Ubuy Technologies Pvt. Ltd. Kaynes Technology India Ltd. Chetu Inc.	 Aryan Singh Rinex Technologies Pvt. Ltd. AcmeGrade Pvt. Ltd. Ubuy Technologies Pvt. Ltd.	 Saket Raj Chauhan Launched, Kaynes Technology India Ltd. Absolute Global Travel Pvt. Ltd.	JOB OFFERS 2	 Snehasish Bhakat DianApps, Hashedin Technologies by Deloitte	 Abhay Prasad InfoObjects Inc. AnavClouds Software Solutions Pvt. Ltd.
 Gopendu Manna Metacube Software Pvt. Ltd. True Value InfoSoft Pvt. Ltd.	 Soumalya Hajra AcmeGrade Pvt. Ltd. Ubuy Technologies Pvt. Ltd.	 Dipendu Mukherjee AcmeGrade Pvt. Ltd., Launched	 Debabrata Maity Rams Creative Technologies Metacube Software Pvt. Ltd.	 Shikhar Verma Rams Creative Technologies Launched	 Sumona Banerjee Requiem Solutions Pvt. Ltd. Kaynes Technology India Ltd.	
 Anmol Sinha Ubuy Technologies Pvt. Ltd. Mechlin Technologies	 Kartik Agarwal Ubuy Technologies Pvt. Ltd. Cyntexa Labs Pvt. Ltd.	 Shivanand Kr Jha Ubuy Technologies Pvt. Ltd., Chetu, Inc.	 Arya Kumar Johary Metacube Software Pvt. Ltd. Mechlin Technologies	 Sourabh Chhipa Metacube Software Pvt. Ltd., Prodesk IT	 Abhishek Sharma Jaipur Ratna Mfg. Pvt. Ltd. Absolute Global Travel Pvt. Ltd.	
 Anjan Chowdhury Ubuy Technologies Pvt. Ltd. Chetu Inc.	 Debabrata Maity Rams Creative Technologies Metacube Software Pvt. Ltd.	 Krishnapal Singh Rams Creative Technologies Kaynes Technology India Ltd.	 Ajay Pain Kinlonghardware India Pvt. Ltd., VDC Technologies	 Sneha Adak Launched, Aaklan IT Solutions Pvt. Ltd.	 Pritam Kundu Launched Aaklan IT Solutions Pvt. Ltd.	
 Chetany Kalaneya Travel Lykke, Chetu, Inc.	 Sayak Sardar Muvo Technologies Pvt. Ltd. VDC Technologies	 Adarsh Kumar Kaynes Technology India Ltd. Chetu Inc.	 Basant Kushwaha Kaynes Technology India Ltd. Chetu Inc.	 Himanshu Pandey Kaynes Technology India Ltd. Quantish Opinion		

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2025 Placements & Maximum Job Offers

JOB OFFER
1



Esha Mishra
Walmart Global Tech India



Vandana Sharma
Mini Models Pvt. Ltd.



Nisha Saraf
Rams Creative Technologies



Andriela Sarkar
Launched



Anushree Agarwala
Metacube Software Pvt. Ltd.



Indira Ghosh
Requize Solutions Pvt. Ltd.



Manisa Dutta
Launched



Pooja Arya
Anant Infra Group



Aakash Sahani
Ubuy Technologies Pvt. Ltd.



Yashwant Tanwar
Ubuy Technologies Pvt. Ltd.



Krishna Dev Ghosh
Ubuy Technologies Pvt. Ltd.



Anshu Mukesh Choudhary
Bahaa Technologies Pvt. Ltd.



Arnab Boruah
Eurostar Engineering Pvt. Ltd.



Sah Shubham
Rams Creative Technologies



Harsh Kr. Kumawat
Ubuy Technologies Pvt. Ltd.



Pranjal Bhattacharjee
Polycab India Pvt. Ltd.



Lokesh Yadav
Parishram Resources Pvt. Ltd.



Piyush Sharma
Launched



Abhishek Jakhar
JLC Electromet Pvt. Ltd.



Jitendra Kumar Kumawat
Shivay Projects



Rahul Solanki
SCHWING Stetter (I) Pvt. Ltd.



Shubham Jain
SCHWING Stetter (I) Pvt. Ltd.



Vinay Pratap Singh
Ubuy Technologies Pvt. Ltd.



Swapan Kr. Shee
Launched



Aman Sharma
Metacube Software Pvt. Ltd.



Anurag Kumar
Metacube Software Pvt. Ltd.



Abhinav Anand
Frison Solutions



Shanu Aaryan
Metacube Software Pvt. Ltd.



Soumen Pal
Metacube Software Pvt. Ltd.



Swayam
Metacube Software Pvt. Ltd.



Anish Kumawat
Cape Electric



Priyanshu Ghosh
Dreamsoft Pvt. Ltd.



Kamlesh Gurjar
Anant Infra Group



Rohit Raj
Ubuy Technologies Pvt. Ltd.



Ayush Kumar
Junomoneta Finsol



Prashant Kumar
Junomoneta Finsol



Bhavya Sharma
Travel Lykke



Sovan Ghorai
Ubuy Technologies Pvt. Ltd.



Mohit Sharma
Travel Lykke



Tarun Jangir
Ubuy Technologies Pvt. Ltd.



Pawan Prajapat
Ubuy Technologies Pvt. Ltd.

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JOB OFFER
1



Rohit Chakraborty
Xebia



Rishav Raj
Xebia



Rahul Solanki
Schwing Setter (I) Pvt. Ltd.



Pranjal Sharma
G Educonnect Pvt. Ltd.



Khushi Jain
Sembark Tech Pvt. Ltd.



Sachin Kumawat
Absolute Global Travel Pvt. Ltd.



Ankesh Kumawat
Aaklan IT Solutions Pvt. Ltd.



Soumyashubhra Ghosh
Aaklan IT Solutions Pvt. Ltd.



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Manik Dhiman
Movidu Technology



Yuvraj Kumawat
Movidu Technology



Sayan Nandi
Skipper Limited



Rishikesh Kr Singh
Chetu Inc.



Prerona Kumar
Chetu Inc.



Pranav Prakash
Chetu Inc.



Indrajit Kumar
Chetu Inc.



Keshav Kumar Singh
Chetu Inc.



Sonu Yadav
Chetu Inc.



Hariom Kumar Ray
Chetu Inc.



Keshav Lakra
Chetu Inc.



Govind Sharma
Chetu Inc.



Ankit Kr Suman
Chetu Inc.



Sandeep Prasad
Kaynes Technology (I) Ltd.



Gargi Arya
Kaynes Technology (I) Ltd.



Shri Hari Daujee
Kaynes Technology (I) Ltd.



Shudhanshu Rao
Kaynes Technology (I) Ltd.



Md. Amaan
Kaynes Technology (I) Ltd.



Ankur Saha
Kaynes Technology (I) Ltd.



Abhik Maji
Kaynes Technology (I) Ltd.



Pawan Ram
Kaynes Technology (I) Ltd.



Tapendu Mandal
Kaynes Technology (I) Ltd.



Nikhil Kumawat
Absolute Global Travel Pvt. Ltd.



Gorav Verma
Absolute Global Travel Pvt. Ltd.



Sunil Kumar
Absolute Global Travel Pvt. Ltd.



Nikhil Moyal
Absolute Global Travel Pvt. Ltd.



Adil Agawan
Absolute Global Travel Pvt. Ltd.



Saurabh Shukla
Quantish Opinion



Sahil
Quantish Opinion



Venika
Quantish Opinion

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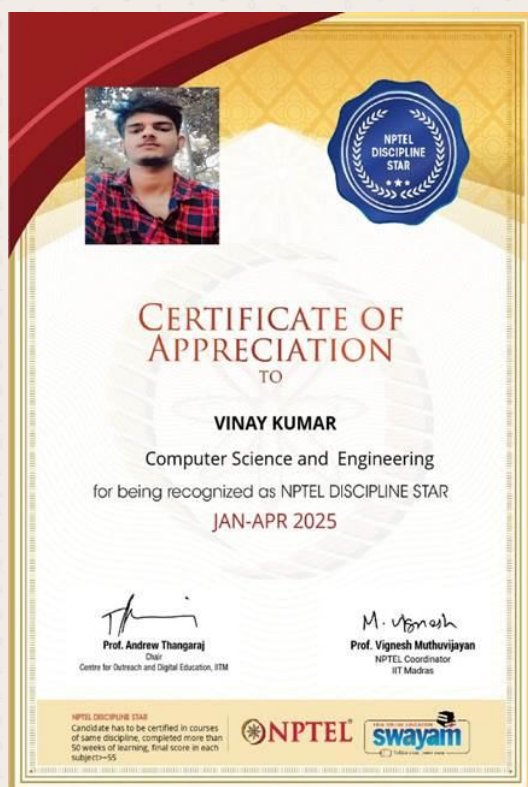
AWARDS & ACHIEVEMENTS

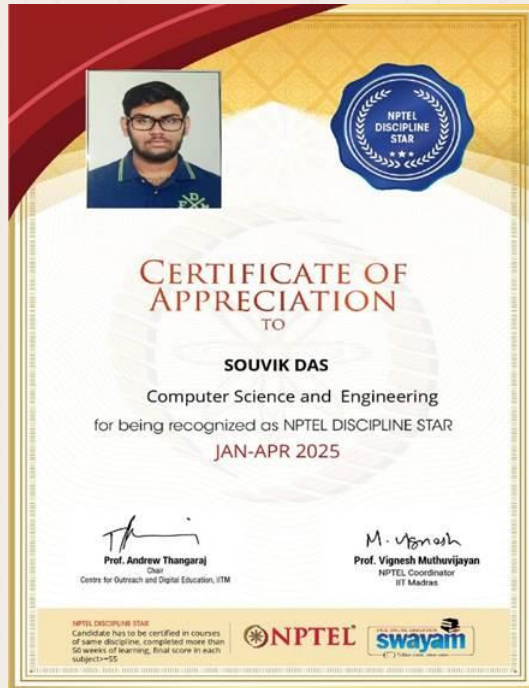
NPTEL Achievements

The students of the University Of Engineering & Management (UEM), Jaipur have demonstrated exceptional academic prowess by securing top ranks and earning both gold and silver certificates in the prestigious NPTEL (National Programme on Technology Enhanced Learning) examinations. NPTEL, a project funded by the Ministry of Education, Government of India, offers courses across various disciplines, and these certifications are a testament to the students' in-depth understanding and mastery of their respective subjects.

Achieving such recognition in NPTEL exams requires not only a strong grasp of theoretical concepts but also the ability to apply this knowledge in solving complex problems. The success of UEM Jaipur's students in these examinations underscores their dedication, hard work, and the robust academic framework provided by the university. It reflects the institution's commitment to fostering a learning environment that encourages excellence, innovation, and critical thinking.

This accomplishment not only brings honor to the students but also positions UEM Jaipur as a leading institution in engineering and management education, producing graduates who are well-equipped to meet the challenges of the rapidly evolving technological landscape. The accolades from NPTEL further affirm the university's role in nurturing talent that excels on national and international platforms.





DEPARTMENTAL ACTIVITIES

Board of Studies (BOS) meeting of the CSE department

Board of Studies (BoS) Meeting – Department of Computer Science & Engineering | UEM Jaipur

The Department of Computer Science & Engineering at the University of Engineering & Management (UEM), Jaipur, conducted its Board of Studies (BoS) meeting on 9th July 2025 to review and strengthen the academic curriculum in alignment with industry and research advancements.

We were honored by the presence of our esteemed external Board Members:

Dr. Mushtaq Ahmed, Associate Professor & Head, Department of CSE, MNIT Jaipur Mr. Manish Sahu, Chief Operating Officer, Kreeti Technologies Pvt. Ltd. Mr. Freddy Walespathy, Senior Business Manager, SAS India Pvt. Ltd. The external experts shared constructive feedback and key recommendations in the following areas: ☐ Curriculum enhancement to ensure relevance ☐ Encouragement of faculty research publications ☐ Promotion of student participation in more extracurricular initiatives ☐ Active involvement in academic and technical conferences ☐ Integration of real-world case studies to promote application-based learning. The external members appreciated the department's ongoing efforts toward continuous improvement and commended its commitment to academic excellence and industry relevance.



Inauguration of IEEE Computer Society Student Chapter & Induction Program

The IEEE Student Branch of the University of Engineering & Management (UEM), Jaipur organized a landmark event on **17th July 2025**, comprising the **Induction Program for new IEEE student members** and the formal **inauguration of the IEEE Computer Society Student Chapter**. This event marked a major step in promoting technical awareness, global professional engagement, and academic excellence among students at UEM Jaipur.

The event was also **featured in several Jaipur-based newspapers**, highlighting the growing technical culture at UEM and the impactful outreach activities led by the IEEE student body.

Objectives of the Event

To formally induct new IEEE student members.

- To inaugurate the IEEE Computer Society Student Chapter at UEM Jaipur.
- To introduce students to IEEE's global network and professional development opportunities.
- To provide a hands-on technical session on AWS (Automatic Weather Station) devices.
- To build awareness of the intersection of meteorology, data analytics, and embedded systems.

Distinguished Guests and Speakers

The event was graced by the presence of esteemed leaders from both academia and the scientific community.

University Leadership:

- **Prof. Dr. Banani Chakrabarti** – Chancellor, UEM Jaipur
- **Prof. Dr. Satyajit Chakrabarti** – Pro-Vice Chancellor, UEM Jaipur
- **Prof. Dr. Biswajoy Chatterjee** – Vice Chancellor, UEM Jaipur

Guest Experts:

- **Dr. Somnath Mahato** – Project Scientist, INSAT Division, Indian Meteorological Department (IMD), Pune
- **Mr. Divyesh Deshpande** – Fellow Researcher, IMD Pune

IEEE Mentors:

- **Prof. Debajyoti Chatterjee** – IEEE Advisor, UEM Jaipur
- **Prof. Surajit Sur** – IEEE Student Branch Counsellor, UEM Jaipur

The speakers highlighted the value of technical societies, interdisciplinary learning, and real-world application of meteorological and embedded systems.

The event commenced with a traditional lamp-lighting ceremony and welcome address by university dignitaries. The **IEEE Computer Society Student Chapter** was then formally inaugurated in the presence of invited guests and faculty members.

Key sessions included:

- **Keynote Address by Dr. Mahato** on INSAT satellite operations and the role of space-based meteorological observation in national planning and disaster management.
- **Technical Talk by Mr. Deshpande**, emphasizing data collection technologies and the research ecosystem at IMD Pune.
- **Interactive Q&A**, encouraging student curiosity and deeper inquiry into applied science and government research.

Technical Workshop on AWS Devices

This segment offered hands-on exposure to the real-time weather data instrumentation used by the IMD. Workshop topics included:

- Overview of AWS sensor systems and data transmission architecture.
- Live demonstration of recording weather parameters like humidity, rainfall, and temperature.
- Practical knowledge on data logging and satellite synchronization with AWS systems.
- Student-led interactions and simulated weather data analysis sessions.

This interactive experience provided freshmen with an early and inspiring view into practical electronics, IoT, and atmospheric data systems.

Media Coverage

The event was widely **featured in Jaipur's leading newspapers**, recognizing the technical contributions of UEM Jaipur's student community and the value of collaboration with IMD Pune. This media recognition helped further publicize the university's dedication to science, innovation, and student engagement.

Feedback and Student Engagement

Students responded with great enthusiasm, appreciating both the technical depth and practical relevance of the sessions. Many new IEEE members expressed interest in upcoming workshops, research projects, and participating in national-level IEEE competitions and conferences.

Outcomes and Impact

Successful establishment of the **IEEE Computer Society Student Chapter**.

- More than 100 new IEEE student memberships initiated.
- Skill-building and awareness through hands-on AWS demonstrations.
- Enhanced collaboration potential with IMD and related research agencies.
- Improved visibility for UEM Jaipur through regional media coverage.
- Strengthened mentorship and community within the IEEE student branch.



Lighting of the ceremonial lamp with dignitaries. Address by Dr. Somnath Mahato on INSAT and AWS.



Live demonstration of AWS equipment for students



Group photo: IEEE Student Branch, speakers, and faculty

यूईएम जयपुर में IEEE कंप्यूटर सोसाइटी चैप्टर का शुभारंभ और AI आधारित मौसम कार्यशाला का आयोजन



(आयुष-अंतिम नेटवर्क)
जयपुर (श्रीराम इंदौरिया)।
यूनिवर्सिटी ऑफ इंजीनियरिंग एंड
मैनेजमेंट (UEM), जयपुर ने 17
जुलाई 2025 को IEEE कंप्यूटर
सोसाइटी स्टूडेंट चैप्टर का
सफलतापूर्वक शुभारंभ किया। इस
अवसर पर भारत सरकार के युवा
विज्ञान मंत्रालय के तहत भारतीय
मौसम विभाग (IMD), पूरे के
छात्रों से एक विश्ववैषम कार्यशाला
"AI आधारित मौसम पूर्वानुमान"

पर आयोजित की गई। कार्यक्रम
का संयोजन डॉ. योगेश्वर यादव,
प्रख्यात वैज्ञानिक, IMD पूरी द्वारा
किया गया। उन्होंने छात्रों को बुद्धिम
बुद्धिम (AI) के उपयोग से
मौसम पूर्वानुमान के नवीनतम
तकनीकों की जानकारी दी और
व्यवहारिक प्रशिक्षण भी प्रदान
किया। B.Tech और MCA छात्रों
ने इस ज्ञान विषय पर गहन
अनुभव प्राप्त किया। प्रो.बकरी
सहपाठी, कुलाधिपति, UEM

जयपुर ने छात्रों को नवाचार के
साथ विनोदपूर्ण विधानों के लिए
प्रेरित किया। प्रो. (डॉ.) विश्वजीव
सहपाठी, कुलाधिपति ने कार्यक्रम और
डेटा विज्ञान में AI की भूमिका पर
प्रकाश डाला। प्रो. (डॉ.) सत्यजीव
सहपाठी, निदेशक IEM-UEM
समूह एवं प्रो.विकास नारायण ने
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अनुसंधान में जुड़ने का
प्रभावशाली संघर्ष बताया। प्रो.
(डॉ.) प्रदीप कुमार शर्मा,
जयपुर ने छात्रों की सक्रिय
भागीदारी की सराहना की। जस्टिस
IEEE सदस्य और प्रख्यात
सोपकर्म प्रो. (डॉ.) योगेश्वर
यान ने IEEE की नवाचार और
अनुसंधान में भूमिका की रेखांकित
किया। कार्यक्रम का समन्वय प्रो.
देवज्योति सहपाठी (IEEE CS
फैकल्टी एडवाइजर) एवं
प्रो.सुरजीत सूर (IEEE
सहपाठी, यूईएम जयपुर) के
सहयोग में हुआ। यह आयोजन
यूईएम जयपुर के वैश्विक एवं
अनुसंधान जगत में एक सफल
पलक के रूप में स्थापित हुआ।

Press coverage of the event in Jaipur newspapers

Conclusion

The inauguration of the IEEE Computer Society Student Chapter alongside the IEEE Induction Program at UEM Jaipur was an inspiring and professionally enriching event. Through the expert knowledge shared by IMD scientists, hands-on technical workshops, and active student participation, the event delivered lasting value to the university's growing technical and research ecosystem.

SAS Day Celebration at UEM Jaipur

The Department of Computer Science and Engineering, **UEM Jaipur**, in collaboration with **SAS India**, proudly celebrated the **1st Anniversary of SAS Day**. This milestone marked a year of impactful collaboration under the **SAS Academic Partnership**, where the bright minds of **B.Tech (CSE) students** enrolled in the industry-specialized **Data Science program** came together to celebrate innovation, learning, and growth.

Power of Academia–Industry Synergy

The event highlighted the strength of **academic–industry collaboration**, showcasing how future-ready professionals are being nurtured in the fields of **data analytics, artificial intelligence, and real-world innovation**. Our students, as active contributors, are carrying forward this journey of **data-driven excellence**.

Industrial Visit to SAS Delhi Office

Adding to the celebrations, our students embarked on an **industrial visit to the SAS Delhi office** as part of the collaboration program. This initiative bridged the gap between **theoretical knowledge and real-world applications**, offering students a platform to gain **first-hand industry exposure**.

During the visit, multiple **keynote sessions by SAS experts** enriched students with Hands-on tools in data analytics, Practical insights into industry practices, Exposure to advanced topics in analytics and business intelligence

The sessions were designed to inspire innovation and equip students with the skills to meet the **evolving demands of the data-driven world**.

Faculty Guidance

The students were accompanied by **Prof. Jyoti Anand** and **Prof. Soumya Sen**, who provided academic mentorship and support throughout the visit. Their guidance ensured that students could connect classroom learning with industry practices in meaningful ways.

A Proud Moment for UEM Jaipur

The celebration of **SAS Day** and the successful **industrial visit** stand as a testimony to UEM Jaipur's commitment to excellence in education and its vision of preparing students as **future leaders in data science and analytics**.



Chancellor Awards







Articles

BMW M4 G82



M4 G82

The BMW M4 G82 Competition is a high-performance sports car that epitomizes precision and power. Boasting a sleek design, this model is equipped with a potent engine delivering impressive horsepower. With advanced handling dynamics and aerodynamics, the M4 G82 Competition ensures an exhilarating driving experience.



POWER
551 HP

ENGINE
3.0 L

TOP SPEED
307 km/h

0-100 KM/H
3.7 s

TORQUE
650 Nm

WEIGHT
1775 Kg

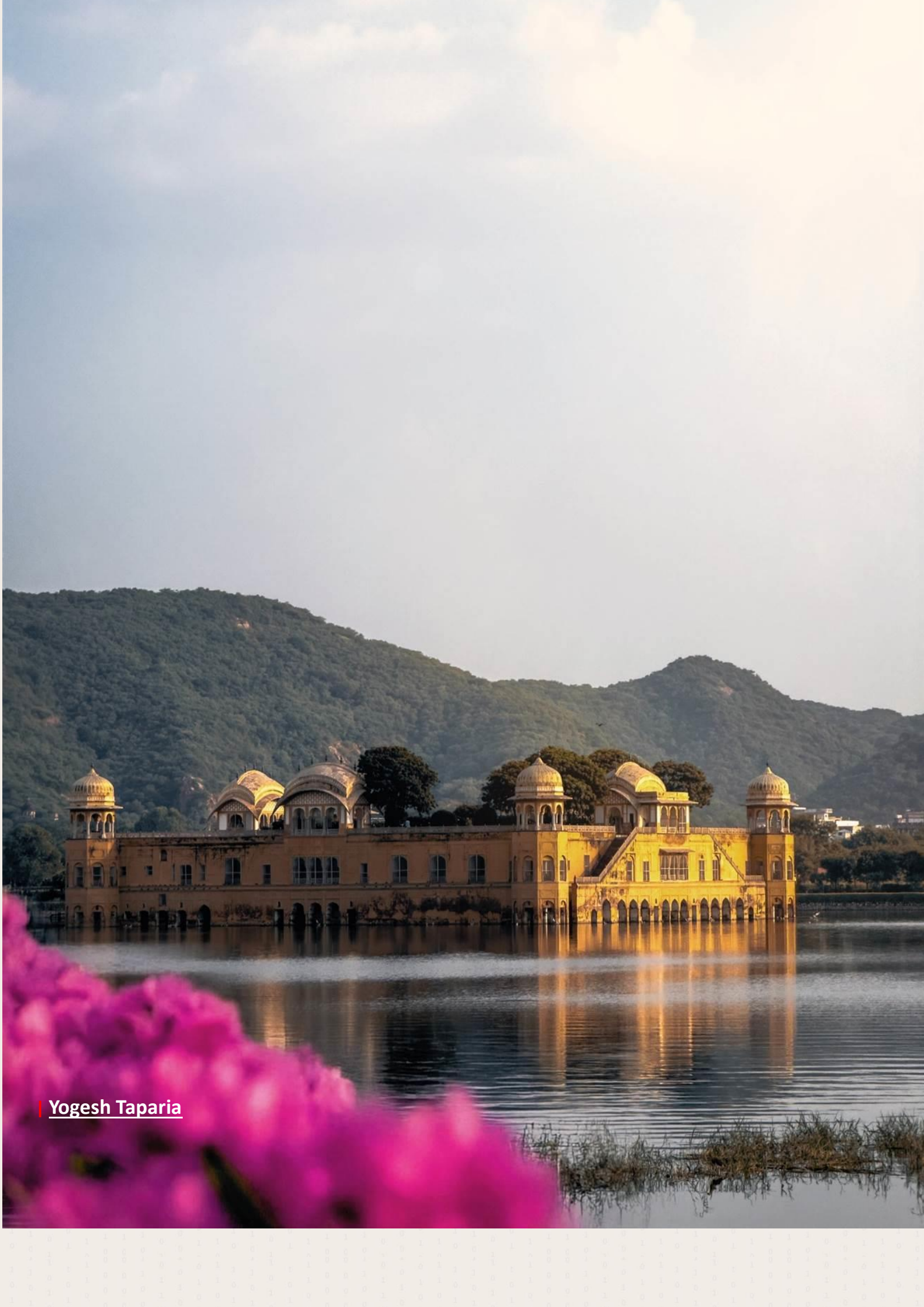


Hawa Mahal

Trip



Yogesh Taparia



| Yogesh Taparia





Souvik Chowdhury

OZ6 Pro

Oct 7, 2024, 22:25





GHAR

BY MOHIT RAJ

When I left my home,
my mother pretended not to cry.
Every time, she would shed tears,
but this time, she saw me off
with a smile on her face
and eyes shining with unshed tears,

In that moment, I felt torn inside
she is the bravest woman I know.

I never want to be far from her,
not even for a second, but for this life, I must.
And my father-he never cries, never.

When he takes me to the station,
he waits until the end, teaching me life's
rules, offering me the best ten-minute talks,
a motivation you could never find elsewhere.
Perhaps, in the quiet of the night, he cries for his children

Because why wouldn't he? Everyone has a heart.
Just because he is a man doesn't mean he never sheds tears

-Niladri Chandra saha

Wires and Wonders

In circuits spun from silver dreams,
New worlds awake where data streams,
From silicon minds, sparks softly bloom,
Turning code to hope, and bytes to room,

The hum of servers, quiet grace,
A glowing pulse in cyberspace;
Where ledgers live beyond the chain,
And numbers dance through blockchain's reign.

Banks reborn in lines of code,
Currency flows in unseen roads:
From cashless trades to crypto scas,
Fintech reshapes old legacies.

Yet deeper still, in quiet cores,
Lie visions grand of something more:
To heal, to help, to bridge the span,
Of distant hearts by human hands.

Beyond the screens and endless scroll.
A thousand minds share one bold goal:
To craft a world both wise and kind,
Where tech uplifts the human mind.

So let us build, with thought and care,
New empires wrought from virtual air—

“My heart leaps up when I behold
~ William Wordsworth

A deep meaning is shared and conveyed to the readers in the given write up poem. Sometimes, words appeal so much to the heart and arouse warmth, that they have to be shared far and wide where they successfully, appeal to, and fill more hearts, hearts, never never failing to fill readers with contentment. It has reflected on one's kind of nature with the atmosphere surrounding them.

Kumari Palak Prasad



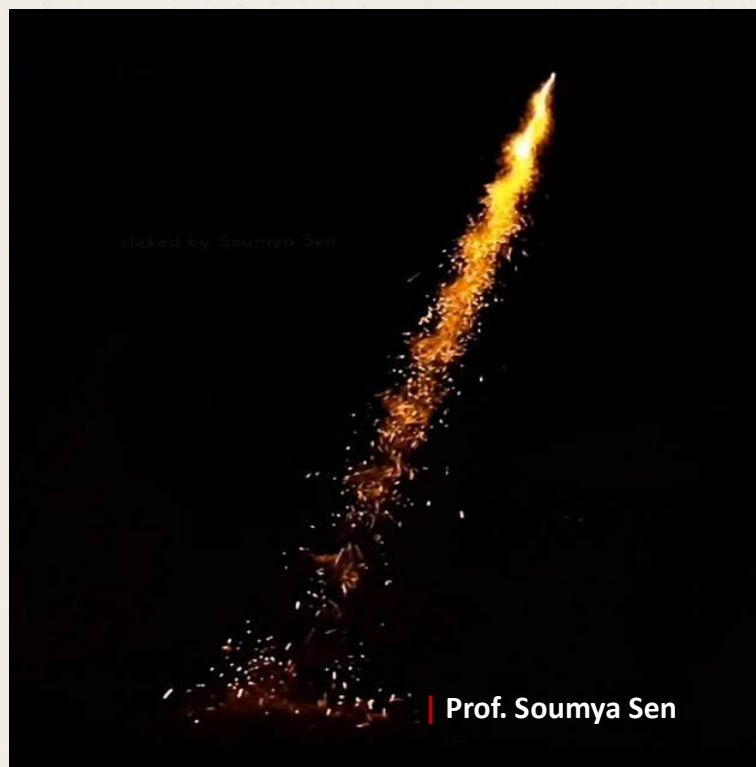
Prof. Soumya Sen



Prof. Soumya Sen



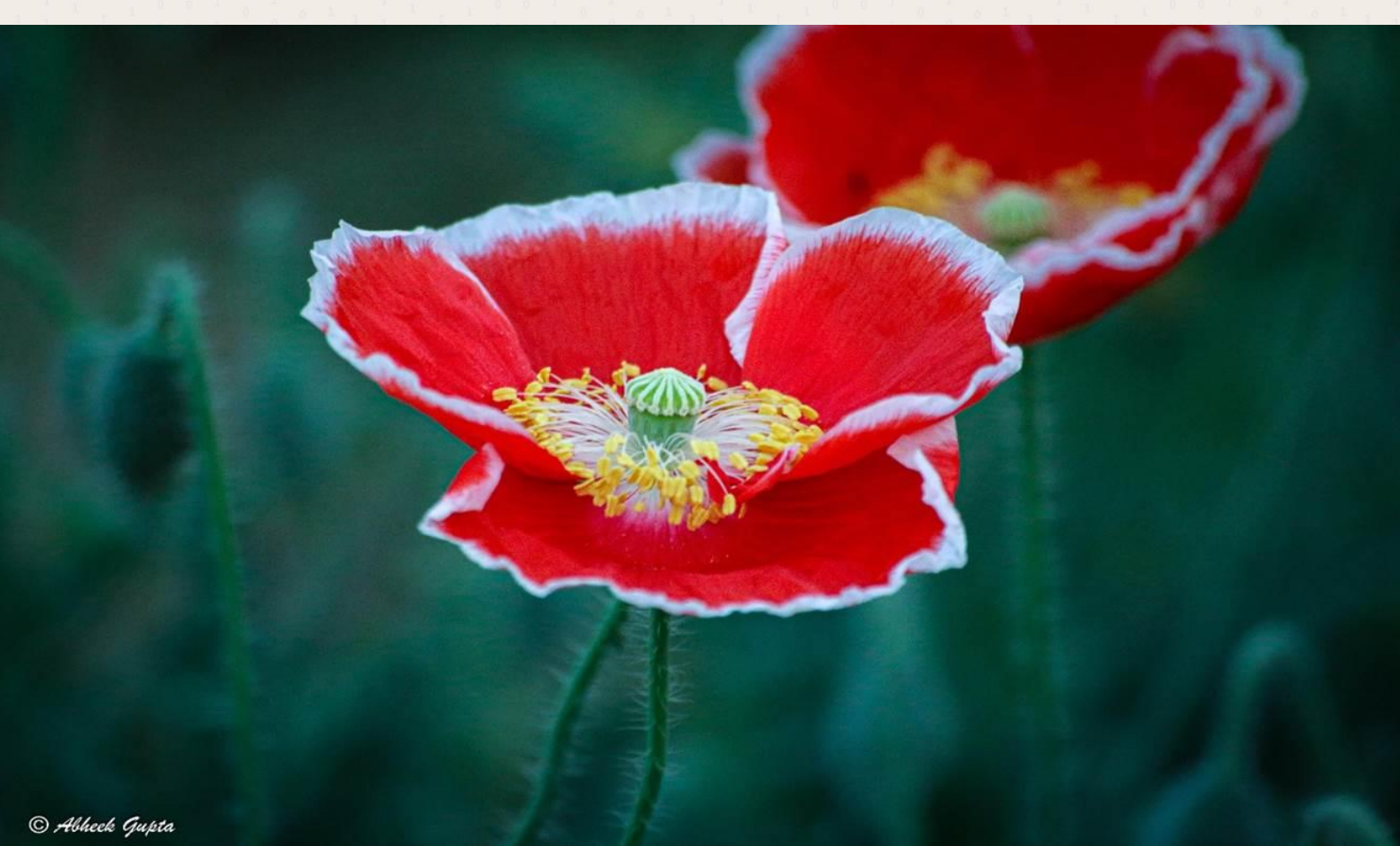
Prof. Soumya Sen



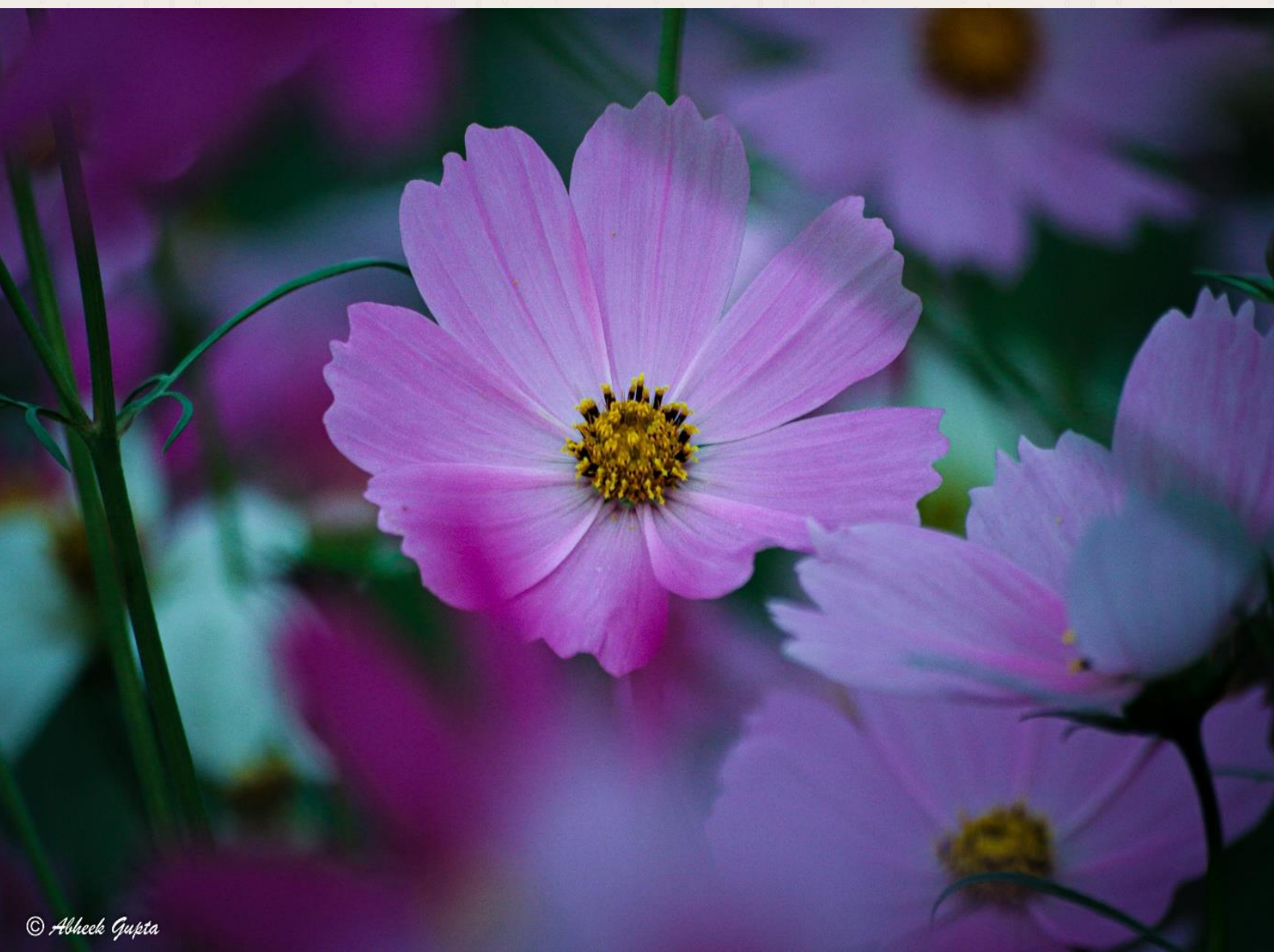
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Dr. Arnab Palui



Dr. Arnab Palui



| Dr. Arnab Palui

Heterostructure Nanotubes: A Next-Generation Frontier in Medical Applications

Soumya Sen (Assistant Professor, Computer Science & Engineering)

Heterostructure nanotubes, engineered from combinations of semiconductors such as InGaAs/InP, III–V alloys, or transition metal dichalcogenides (TMDs), are rapidly gaining traction as multifunctional platforms in medical nanotechnology. Unlike single-material nanotubes, these hybrid structures integrate distinct bandgaps, dielectric constants, and surface chemistries within a tubular geometry. Such material versatility not only enhances their electrical and optical tunability but also introduces new opportunities for targeted biosensing, drug delivery, and therapeutic interventions.

In biosensing, heterostructure nanotubes exploit the sensitivity of their heterojunction interfaces to changes in local dielectric environments. By introducing cavities between source and channel regions or modulating gate dielectrics, these nanotubes can detect biomolecules with remarkable precision. The dielectric constant variation induced by proteins, DNA strands, or other analytes directly influences tunnelling current or carrier transport, making them highly effective for real-time disease detection.

For drug delivery, their hollow and layered configuration provides superior encapsulation capacity compared to conventional nanocarriers. The surface can be functionalized with ligands or antibodies for selective targeting, while controlled release mechanisms are enabled through bandgap-engineered responses to external stimuli such as pH or temperature. This makes heterostructure nanotubes ideal for precision therapies, especially in oncology.

In tissue engineering, heterostructure nanotubes act as bioactive scaffolds. Their mechanical strength, coupled with tunable surface energy, supports cell adhesion, proliferation, and differentiation. Studies suggest their application in bone regeneration and neural repair, where hybrid material properties can better mimic natural extracellular environments.

Additionally, photothermal and photodynamic therapies benefit from the optical absorption properties of semiconductor heterostructures. InGaAs/InP or MoS₂/WS₂ nanotubes, for instance, can absorb in near-infrared (NIR) windows, generating localized heating or reactive oxygen species to selectively ablate cancer cells while sparing surrounding tissues.

Despite challenges in biocompatibility and scalable synthesis, advances in surface passivation, charge plasma doping, and dielectric engineering are pushing heterostructure nanotubes closer to clinical translation. By combining electronic, optical, and biomedical functionalities, these structures stand at the forefront of personalized and precision medicine.

Keywords: Heterostructure Nanotubes, InGaAs/InP, Dielectric Modulation, Biosensing, Drug Delivery, Photothermal Therapy, Biomedical Nanotechnology.

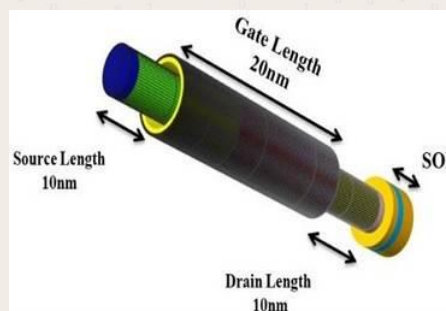


Fig: 3-D structure of recommended architecture of InGaAs/InP electrostatic doped heterostructure nanotube TFET biosensor on SOI wafer [Source: Sen, S., Khosla, M. & Raman, A. Design and characteristics analysis of a biosensor based on electrostatic doped heterostructure nanotube TFET with optimized structure. MRS Commun. 15, 205–212 (2025).]

– PICXL-Photography Club.



Caption: Jaisalmer: Where every photo tells a thousand stories.



Caption: Puja festivities: A riot of colours, a feast for the senses.

Introducing “PartyRock”: Build Custom AI Workflows without Coding

Prof. Debajyoti Chatterjee, Dept. of CSE

➤ What exactly is PartyRock?

PartyRock is a visual, no-code AI app builder. It leverages cutting-edge large language models (LLMs), including Amazon's own Titan family and Claude from Anthropic, allowing users to create interactive applications by simply:

- ❖ Adding "Widgets": These are the building blocks. You drag and drop widgets for text inputs, text outputs, image generation (powered by Stable Diffusion), simple data inputs, and even basic logic.
- ❖ Connecting the Dots: Visually link widgets together to define the flow of information. For example, connect a user input widget to a prompt for an LLM widget, then connect the LLM's output to an image generator.
- ❖ Crafting Prompts: The magic happens in the prompts you write for each AI widget. Tell the LLM *what* to do with the input it receives from the previous widget.

➤ Why PartyRock is Capturing Departmental Attention

- ❖ Zero Barrier to Entry: No sign-up fees, no credit card, no AWS account needed (initially). Just visit the website and start building. This removes the biggest hurdle: cost and complexity.
- ❖ Speed & Experimentation: Go from idea to working prototype in *minutes*. Want a quick tool to rewrite marketing copy in a different tone? A brainstorming name generator? A simple customer sentiment analyzer? PartyRock makes rapid experimentation possible.
- ❖ Democratizes AI Power: It empowers non-technical team members – marketers, HR specialists, project managers, finance analysts – to leverage AI directly for *their specific needs*. They don't need to wait for IT or data science.
- ❖ Visual & Intuitive: The drag-and-drop interface and visual workflow make the process tangible and easy to understand, even for those unfamiliar with programming concepts.
- ❖ Focus on Practical Micro-Apps: PartyRock excels at creating small, focused tools that solve specific, everyday problems, complementing larger enterprise systems.

➤ PartyRock Applications:

❖ **Marketing & Sales:**

- ✓ Ad Copy Variant Generator: Input a product description; outputs 5 distinct ad headlines and body copy variations for A/B testing.
- ✓ Social Media Post Ideator: Input a topic; generates engaging post ideas, relevant hashtags, and even accompanying images.
- ✓ Simple Competitor Analysis Summarizer: Paste competitor website text; get a concise summary of key selling points and messaging.
- ✓ Email Template Personalizer: Build an app that takes a customer name and key interest, then outputs a personalized outreach email draft.

❖ **Human Resources:**

- ✓ Interview Question Generator: Input a job description; get a tailored list of relevant behavioral and technical interview questions.
- ✓ Onboarding FAQ Bot: Create a simple Q&A app answering common new hire questions about policies, benefits, and IT setup.
- ✓ Drafting Assistant: Help craft clearer job descriptions, performance review templates, or internal communications.
- ✓ Training Idea Brainstormer: Input a skill gap; generate ideas for training modules or resources.

❖ **Operations & Project Management:**

- ✓ Meeting Note Summarizer/Action Item Extractor: Paste raw meeting notes; instantly get a summary and a bulleted list of action items.
- ✓ Risk Brainstorming Assistant: Input a project description; generate a list of potential risks and mitigation ideas.
- ✓ Process Step Explainer: Build an app that explains a specific internal process step-by-step based on a simple query.
- ✓ Quick Status Report Generator: Input key project updates; outputs a draft status report paragraph.

❖ **Content & Creative Teams:**

- ✓ Blog Title & Outline Generator: Input a topic; get catchy title options and a basic content structure.
- ✓ Image Generator for Concepts: Need a quick visual for "futuristic office collaboration" or "eco-friendly packaging"? Generate it directly within your app flow.
- ✓ Tone Adjuster: Paste text; get versions rewritten in a more formal, casual, enthusiastic, or concise tone.

❖ **Learning & Development:**

- ✓ Flashcard Generator: Input key terms and definitions; outputs flashcards in Q&A format.
- ✓ Quiz Creator: Build simple multiple-choice quizzes on specific training topics.
- ✓ Concept Explainer: Create apps that break down complex company concepts (like a new strategy or technology) into simpler explanations.

➤ **The Future is Playful (and Powerful)**

PartyRock represents a significant shift: AI application development is no longer confined to specialists. It puts tangible, creative AI power directly into the hands of your departmental teams. It fosters innovation, solves micro-problems instantly, and lowers the intimidation factor of AI significantly. While it won't replace complex enterprise systems, it empowers employees to augment their workflows in ways previously unimaginable.

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