IEEE CCWC 2018

IEEE CCWC 2018, arranged by faculty members of IEM-UEM group from 8th-10th January, 2018, provided an opportunity for researchers, educators and students to discuss and exchange ideas on issues, trends, and developments in Computing and Communication. The conference aimed at bringing together scholars from different disciplinary backgrounds to emphasize dissemination of ongoing research in the fields of Computing and Communication. Contributed papers are solicited describing original works in the above mentioned fields and related technologies. The conference included a peer-reviewed program of technical sessions, special sessions, business application sessions, tutorials, and demonstration sessions

This conference will also promote an intense dialogue between academia and industry to bridge the gap between academic research, industry initiatives, and governmental policies. This is fostered through panel discussions, keynotes, invited talks and industry exhibits where academia is exposed to state-of-practice and results from trials and interoperability experiments.

The keynote speakers to grace the occasion were Dr. Martin C. Carlisle, Dr. Pierre Larochelle, Dr. Hal Berghel, Dr. David Isaacson, Dr. Jenq-Neng Hwang, Dr. Aaron E. Cohen, Dr. Thomas Kunz, Dr. Nan Wang, Dr. Robert Mitchell, Dr. Thaier Hayajneh and many more.



EXCURSION

The Institute of Engineering & Management (IEM) and the University of Engineering & Management (UEM) organized an excursion for the students of the 3rd and 4th Years, from the 4th of January to the 14th of January, 2018. The students got a once-in-a-lifetime opportunity to enjoy a trip to the cities of Los Angeles and Las Vegas along with some reputed professors as their guide. While in Los Angeles, besides getting a chance to visit everyone's childhood dream destination, the Disneyland Park they also were taken to trips to world renowned tourist temptations the Universal Studios Hollywood, the much talked about Beverly Hills and lots of other local attractions. Once done with the proper tour of Los Angeles, the students then cruised through Las Vegas where they stayed at the much acclaimed University of Nevada. There they got the golden opportunity to visit the state of art laboratories of the University of Nevada and also attended various international conferences which were really beneficial for their future careers. Apart from this, they also got to visit the spectacular Grand Canyon, the Hoover Dam and a plethora of other appealing sights. To guide the students through the trip and to ensure their safety, five professors accompanied them in their journey to see the wonders of the world and to help them focus their interests in the right places.



NATIONAL ENTREPRENEURSHIP CAMP

IEM E-Cell took the initiative to raise another step and organize the National Entrepreneurship Camp 2018 from 5th to 9th of January, 2018, to inculcate the seed of innovation and Entrepreneurship amongst the undergrads and other willing people. IEM E-Cell, in collaboration with NEN, will be providing training by eminent teachers and entrepreneurs to clarify the budding confusions regarding the topic.



CTMSE 2018

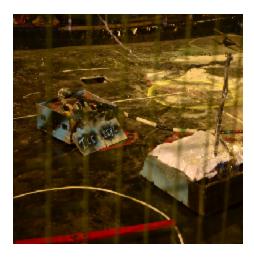
The International Conference on Current Trends in Materials Science and Engineering (CTMSE 2018), jointly organized on 19th and 20th of January by Institute of Engineering & Management, Kolkata and S. N. Bose National Centre for Basic Sciences, Kolkata, was an interdisciplinary forum on all aspects of materials science and engineering, quantum phenomenon and related topics. Some of the topics included in the conference were Computational Materials, Engineering Application of Materials, Emerging Materials and Applications, Graphene and other 2D Materials, Carbon Nanostructures and Devices, Semiconductor Devices, Magnetic Nanostructures and Nano-devices, Spintronics, Emerging Smart Materials, Multifunctional Materials, Nano- materials and Nanotechnology, Composite and Ceramic Materials, Soft Materials, Environmental and Green Materials, Sustainable Materials, Materials in Industry, Materials in Research and Nano-biotechnology and Nano-medicine. The Speakers gracing the conference were Prof. Maciej Krawczyk, Prof. S. K. Ray, Prof. Daisuke Miyoshi, Prof. Yasuhiro Fukuma, Prof. Tanusri Saha Dasupta, Prof. Debnarayan Jana, Prof. Subhankar Bedanta, Prof. Saurav Giri, Prof. P. Sujatha Devi, Prof. Anindya Deb, Prof. Jaydeb Chakraborty, Prof. Arabinda Halder, Prof. Dipankar

Chattopadhyay, Prof. Jhimli Bhattacharya, Dr. Venkata Kamalakar, Dr. Pawel Gruszecki, Prof. Jayanta Kumar Bhattacharjee, Prof. Anirban Kundu, Prof. Satyaki Bhattacharya and Prof. Kamakhya Prasad Ghatak. CTMSE also received a large number of abstracts from prestigious institutes all over India and abroad. There were a total 130 contributed abstracts including 75 oral presentations and 38 poster presentations. There were a total 7 contributed oral sessions which were run in parallel. Contributed oral presentation sessions were in the areas of Computational materials, dielectrics and semiconductors Nanotechnology, Nano-materials and smart materials Energy, Environment and Green Materials Soft and Bio Materials Graphene, carbon and carbon based materials Nano-biotechnology and nano-medicine Magnetism and Spintronics Four best poster presentation awards and seven best oral presentation awards in the above mentioned areas were given. The two days deliberations and interactions amongst experts and participants were immensely helpful for the entire fraternity. We have already published an abstract book and are presently in the process of signing the contract with Elsevier for publishing some selected papers in Elsevier SSRN.

Innovation 2018

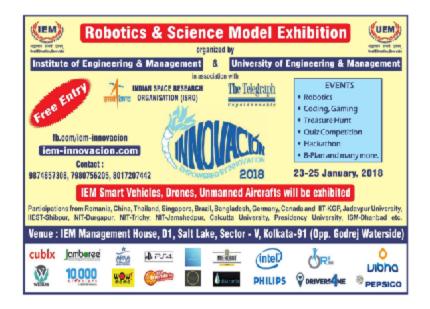
Innovation, the annual-techno-management fest of Institute of Engineering & Management, has firmly established itself as one of the marquee tech festivals in Eastern India over the last few years. The ninth-edition of this highly acclaimed techno-management fest was held in association with Indian Space Research Organization, on 23rd – 25th of January at the Management Campus of IEM. Some of the eminent personalities who graced this event included –Mr. Sabyasachi Chakraborty, veteran actor, Mr. Sutanu Prasad Kar, IAS, Director of State Urban Development Agency, Government of West Bengal, Mr. Rama Prasad Nag, IRS, Director of Ministry of Finance and Addl. Commissioner of Income Tax, Government of India, Mr. Susanta Basu, Managing Director of Centrex (India) Engineers Ltd, Director of CSDCI and former All India President of Builder Association of India, Mr. Utpal Chatterjee, former Sheriff of Kolkata, Mr. Saikat Maitra, Vice – Chancellor, MAKAUT and many more.

Innovation catered to a wide variety of audience by featuring grandiose Robotics events, Innovative Model Making competition, Coding Events, events based on core fundamentals of Science and Mathematics and various fun activities and games. Innovation was proud to present an International Robotics Workshop where exhibitors from all over the world enthralled students and audiences alike with their mind-blowing displays. Adding feather to the cap, Innovation was one of the very few fests where an exhibition was held by ISRO, for one and all.





TheTivipropia 21 JANUARY 2018 23



Swachh Bharat Abhiyan

Institute of Engineering & Management (IEM) students has cleaned the roads of Salt lake (Kolkata) on 26th January 2018 as a part of *Swachh Bharat Abhiyan*A team of 21 IEM Students took this initiative. Being the future of the country, Our students lead the Clean India Campaign in our society, community, schools and colleges to initiate cleanliness in the surrounding areas and made this drive a successful campaign.



IEMPACT 2018

The Institute of Engineering and Management (IEM) was the place to be on the 29th and 30th of January 2018, as it organized its Annual Cultural Fest – IEMPACT 18. The two day event was like a compact ball of fun and excitement with adventures like Ad-Mad Show and Treasure Hunt, brainstorming events like Quizzard and Crossroads, Art and Creativity events like Rangoli , Face Painting, Blind Art and Out of the Box and On-stage events like Step Up, Classical Dances and Rabindra Sangeet. Considered to be one of the grandest festivals in the city, students from various colleges and schools took part. This year's theme for the fest was Game of Thrones (GoT).IEMPACT 18 like always also made it a point to felicitate the marvelous achievements by students and the hard-work, sincerity, dedication and support put in by professors to nurture the students in the right direction. Chief guests Col. Bhaskar Chakraborty, Sudeshna Roy and Prof. Dr. Purnandu Biswas graced this extravaganza, and blessed the students for their future endeavors.



Workshop on IOT & Cyber Security:

KernelSphere Technologies Pvt. Ltd organized a full day workshop on IOT and Cyber Security on 2nd February 2018 starting from 11:00 AM to 4:00 PM for BCA 2nd year students of Institute of Engineering & Management (IEM). Students get the chance you learn certain out of the box technologies required in the real world scenario.



Sports Day 2018

Institute of Engineering and Management has always had a robust zeal and infrastructure towards the health and fitness towards the students, of the many sports events that are organized, an Annual Athletic Meet is what takes the limelight. On the 3rd of February the Annual Athletic Meet of IEM was held with great exuberance and passion, students form both IEM and UEM participated in the event. The event started off at around 9 am in the morning with enthusiasts, sportsmen and women Warming up at the field of SAI Complex. The trials for the various track events were the first to take Place, followed by the long jump event for both men and women. The finals for 100 meters, 200 meters, 400 meters and the relay race took place next in the lineup for both men and women, with an overwhelmingly equal number of participation from both the genders.



ASME - IEM Industrial Visit

ASME- IEM Student chapter conducted one day industrial visit at GENERAL ELECTRIC, Durgapur on 8th February 2018. Total 23 students visited the plant. The students got a wonderful opportunity to witness the methods followed in the actual industry and apply things they have learnt in their classroom.



Aegis-IBM Meet Up:

Aegis-IBM Meet Up was hosted by Institute of Engineering & Management (IEM) on 8th February 2018 at Satya Sai Auditorium. The meet up was highly successful with participants from all the departments. About 700 students attended the highly interactive session which projected future job and entrepreneurship prospects.



MAGAZINE LAUNCH:

The first issue of science magazine in Bengali Language - VIJNAN PROBAHO, was unveiled by Honorable Governor, Shri Keshrinath Tripathi at Stall No: S-18, (near Gate No: 5) Kolkata Book Fair at 5:30 P.M. The crowd was overwhelmed with the presence of the Governor and everybody, starting from the students of IEM, faculty members as well as onLookers had an amazing experience while HE shared his experience and views about scientific advancements undertaken in different sectors of Bengal.



E-Week 2018

EN E-week was celebrated in IEM, from 10-16th of February. During these 7 days a lot of events, both online and offline, were conducted to promote Entrepreneurship in the society. Events covered all genres from Entrepreneurship to Social campaigns and fun events as well organized by all the streams of IEM. IEM E-Cell also launched its first edition of **ENTREPRANA**, the magazine of E-cell. Boot camps, NEN WF Activities, talk sessions, seminars, Panel Discussion, etc were organized. IEM E-Cell also took the initiative of arranging a Charity Drive and a Cycle Rally. Other than these, events like Debate, B-Quiz, T-Shirt Painting, Face Painting, Audiometric, Movie Faniesta, Felix Finesse, ShutterBug etc were also organized to engage students of all sectors in E-Week. Participants from all over eastern region took part and thus the event reached the zenith of success.

The final of the event was held in Siri Fort Auditorium, NEW DELHI where the IEM E-Cell was crowned "E-CELL OF THE YEAR" and named as best E-Cell of the nation and also stood 2nd Runners Up as per E-Week in India.



Marathon:

On 18th February 2018, Institute of Engineering and Management – Kolkata, University of Engineering and Management – Kolkata and University of Engineering and Management – Jaipur organized the second edition of IEM – UEM Kolkata Marathon with the motivation to 'Run to Educate'. Like the previous year, City Centre 1 served as the starting and the ending point for the marathon. The mega event witnessed over 1500 people with around 650 runners from other organizations and 500 runners from the IEM group. The event also witnessed a large audience that had to come to cheer the runners.

The IEM – UEM Kolkata Marathon 2018 was organized in association with The Telegraph, Child Rights and You, IDBI Bank, ICICI Bank, Drivers4Me, Nicco NESL and Endeavor with 91.9 friends fm as the Radio

Partner, Narayana Health as the health partner and Timing Technologies India as the timing partner providing personalized timings for each runner. After a successful inaugural impression, the IEM – UEM Kolkata Marathon was much bigger, better and more grand with an increased number of participants and unlike other marathons organized by groups of professionals, the IEM – UEM Kolkata Marathon was organized by few college professors, a team of 14 graduating students. The Salt Lake Runners Club and the Cycle Network Group played a vital role in the success of the event.

The event was organized with the aim to give back to the society as the proceedings of the event were donated to the Child Rights and You (CRY) organization to provide good education to underprivileged children. It was also an initiative to inculcate the habit of maintaining health and lifestyle not only among the residents of West Bengal but also among the residents of neighboring states like Jharkand and Orissa. Many runners from remote areas like Paschim-Midnapur, Bakura, Burdwan, Purnia and other areas had arrived a night before in Kolkata especially for the run. 6 Navy personnel also took part in the IEM – UEM Marathon.



YOUR QUOTE OPEN MIC 5.0

YourQuote, Asia's fastest growing writing app, with over 6,00,000 users writing in 12+ languages across 177 countries in the world successfully had its 5th ever Open Mic in Kolkata. The event was hosted in the grand Science Auditorium of Institute of Engineering & Management on 25th Feb, 2018.

With 36 talented performers taking part in the event, the performances ranged from shayaris, to

storytelling, to Stand-up comedy and motivational speeches too. Alok Agarwal, Siddhant Khetan, and Shoumik Das, students of 3rd year CSE Dept., successfully conducted the event.



ISHRAE & BRITISH Council Talk Event:

4 students of IEM ISHRAE students chapter participated in great talk event organised by jadavpur university school of energy studies under joint collaboration of British council and ISHRAE Kolkata chapter conducted by Professor Neil J Hewitt, Research Director - Architecture, Built Environment & Planning, Ulster University, UK on 26th February 2018.



3D Printing Workshop:

Departments of Mechanical Engineering, Institute of Engineering & Management jointly with University of Engineering Management, Kolkata organized a five-day workshop on 3D Design and Printing, during 22-27 February, 2018.

The scope of the workshop included 3D modelling and design using CREO 4.0 and 3D printing. This was a prelude to the 3D Printing Olympiad & International Symposium on 3D Printing Technology - 2018 scheduled on 21st April 2018.



NATIONAL SCIENCE DAY:

Shri. Pranab Mukherjee addressed a seminar on the need for development and the need for parliamentary education and knowledge. He had summed up his experience as the President of India and gave the students a big picture of the life they would be facing as adults.

Accompanied by Shri Shekhar Dutt, Hon'ble Former Governor of Chhattisgarh & Ex-Defence Secretary, Govt. of India, Shri Siladitya Basu Roy, Special Secretary Higher Education, Govt. of WB, Shri

Samarendu Sarkar, Director, Adani Global (India) Pvt Ltd, Shri Sujit Sarkar, Former State Chief Information Commissioner, Ex-Director General of Police, West Bengal- Member of Board of Governors, UEM Kolkata and Shri Chaspal Chopra, Additional Private Secretary this has been an enlightening experience for the students and a rare opportunity.



Tech Meet Up

Institute of Engineering and Management, Kolkata is proud to be hosting the 2018 International Women's Day Celebration, a tech conference in collaboration with Intel Corporation.

International Women's Day is an important moment to recognize how women have influenced the tech industry and beyond. We intend to create an environment for the tech enthusiasts to learn new technologies, share their journeys, be motivated from the success stories and role models and explore the opportunities available in the world for them today.

Everyone is invited to be a part of this celebration- developers, designers, students, entrepreneurs, managers and tech enthusiasts to join us and make this event bigger and better. Let's network, learn, share, and celebrate being a techie!

Date: 12th March 2018

Venue: Institute of Engineering and Management, Gurukul campus, College More, Kolkata.

Time: 10:00 AM - 04:00 PM



IEEE CSIS 2018

IEEE CSIS 2018 is scheduled to be hosted by the IEEE Students Branch of Institute of Engineering and Management (IEM), Kolkata. It is going to be a 3-day event in the month of March 2018 and is expected to witness a promising turnout from various Sections of the country.

The event is going to have 3 parallel tracks on Day 1 and Day 2, apart from the Opening and the Closing Ceremonies, with the Closing Ceremony being held on the 3rd Day. According to the tentative schedule, Day 1 will witness a Technical Track, Teacher In Service Program (TISP) Track, and a Management Track, spanning over a total time of 7 hours. Day 2 will be a 10-hours program comprising of a Technical Track again, a Women In Computing (WIC) Track, and an Industrial Track. On the 3rd and the final day, along with the Closing Ceremony the participants will be given a tour of the heritage sites in the neighbourhood, delving into the culturally rich history of the Incredible India!





eHaCON 2018

The ultimate goal for this conference was to create a general awareness of cybercrimes happening in today's world and procedures to countermeasure them. Through a series of keynote talks and research paper presentations on related areas of Cyber Security, Ethical Hacking, Cloud Computing, Artificial Intelligence, Modeling and Simulation, Data Analytics, network security, Internet of Things and Cryptography a platform had been created where researchers from India and abroad, from academia and industry took part in discussion and exchanged their views to make a secured society. The 2-day workshop on ethical hacking and coding competition "De-Cipher" added to the flavor of the overall conference where participants from schools and colleges took part with great interest.



3D Printing Olympiad (3DPOympiad) and International Symposium on 3D Printing Technology(IS3DPT) – 2018

On 21st April, 2018, an event on 3D Printing Olympiad (3DPOympiad) -2018 and International Symposium on 3D Printing Technology(IS3DPT)-2018 was convened at Management House, IEM, Kolkata. It was organized by the Department of Mechanical Engineering, Institute of Engineering & Management. With a good number of participants, workshop was conducted successfully. In 3D Printing Olympiad competition, we have got participants from University of Melbourne IITs, IIEST, Jadavpur University, different engineering colleges along with our IEM-UEM(K). Internal technical team selected 13 .stl files out of 38 as first round winners. Total USD 1400 was presented as prize money to the winners of 3D Printing Olympiad-2018. SURJEET KUMAR from IIEST, HOWRAH was the winner and received a cash prize of USD1000, SOUMYA MAHANTI & TEAM from IEM, SALT LAKE was the RUNNER-UP and received a cash prize of USD100, KANOUJ GUHA THAKURTA & TEAM from IEM, SALT LAKE was the RUNNER-UP and received a cash prize of USD100, ARINDAM CHAKRABORTY from IIEST, HOWRAH was the RUNNER-UP and received a cash prize of USD100 and SAMARPAN DEB MAJUMDER of IEM, SALT LAKE was the RUNNER-UP and received a cash prize of USD100. he symposium was graced by a number of eminent speaker from universities across West Bengal.he speaker includes Dr. Cheruvu Kumar, Indian Institute of Technology, Kharagpur, Dr. Amit Roy Chowdhury, Indian Institute of Engineering Science and Technology, Shibpur, Howrah, Dr. Subhasis Bhaumik, Indian Institute of Engineering Science and Technology, Shibpur, Howrah, Dr. Shibendu Shekhar Roy, National Institute of Technology, Durgapur, Dr. Kalyan Das The Institute of Post Graduate Medical Educal and Research and Seth Sukhlal Karnani Memorial Hospital, Kolkata





TO A NEW BEGINNING 2k18

TO A NEW BEGINNING 2K18: The Annual Farewell of IEM,KOLKATA was scheduled on 3rd May 2018. The Students of IEM,Kolkata bid farewell to their seniors. The students made arrangements for a short cultural programme.

All the students of the outgoing batch of 2014-2018 were given mementos and a grand lunch was arranged for them.



IEMENTECH 2018

IEMENTECH was scheduled on 4th and 5th of May 2018. It was held at IEM Gurukul Campus. It was an IEEE CONFERENCE ON NANOTECHNOLOGY hosted by INSTITUTE OF ENGINEERING & MANAGEMENT. The Chief Guests were V.C OF MAKAUT, HEAD OF IEEE KOLKATA SECTION, and many Other Foreign Delegates.

The Papers that had been presented in the conference were published in the IEEE XPLORE.



ICELTS,2018

International Conference on English Learning and Teaching Skill(ICELTS,2018) was organised from 26th-28th July,2018 at Management House, IEM. The Workshop was mainly held to develop english proficiency among our students.



First Year Inauguration, 2018

IEM conducted the First Year Inauguration programme on 1st August 2018. In this Programme, the students were told about the rules and regulations of the college. All the faculty coordinators along with our honourable Principal (Dr A.K Nayak), Director(Dr.Satyajit Chakrabarti) and the President of IEM Group(Dr.Satyajit Chakrabarti) were also present in the programme to address the students.



TECHNICAL SESSION ON BASIC ELECTRICALS IN HVAC APPLICATIONS

A technical session on Basics Electricals in HVAC Applications was conducted by ISHRAE Kolkata in collaboration with ISHRAE IEM Student Chapter on 9 th August, 2018 at Institute of Engineering & Management, Kolkata. The Guests present were, Mr. Debashish Nandi (CESC & ISHRAE Member)

Prof. Tapobrata Bhattacharya(HOD, Mechanical Engineering) Prof. Tapas Kumar Dutta (HOD, Electrical Engineering)



CWC INSTALLATION & TECHNICAL TALK

The annual CWC installation ceremony of ISHRAE IEM student chapter was organised on 9th August 2018 at Institute of Engineering & Management, Kolkata. The event was graced by the presence of Mr. Prabir Kumar Sen (CWC member, ISHRAE Kolkata), Mr. Debashish Nandi (CESC & ISHRAE Member), Mr. Arka Majumder (Student Committee Member, ISHRAE Kolkata), Prof. Tapobrata Bhattacharya (HOD, Mechanical Engineering), Prof. Tapas Kumar Dutta (HOD, Electrical Engineering), Prof. Prabir Kumar Das (HOD, Basic Science and Humanities) Mr. Arun Kumar Bar (Dean of Engineering, IEM).





Machine Learning by Prof. Andrew Park

A Workshop on Machine Learning was held for CSE and ECE students by Dr. Andrew Park of Thompson River University, as a part of Foreign Visitor Lecture Series, on August 14,16 and 17,2018. Also, he was with us from 10th to 17th August taking regular classes for 1st, 2nd, 3rd and 4th year students and visited us again in the following week for the workshop.



IEM GROUP Welcomes Mr. Shiv Khera

The day started with an award ceremony for the felicitation of the best HR managers of different companies and the best school teachers and principals for their outstanding service in the field of teaching and education. The award ceremony was followed by a short cultural programme by our students who performed flawlessly.



Award Ceremony:

HR Managers, school teachers and Principals received awards from Prof. Dr. Satyajit Chakrabarti, President IEM GROUP. Managers from top most corporations and teachers and Principals of leading schools were present in this award ceremony.



CULTURAL PERFORMANCES





Mr.Shiv Khera addresses students of IEM GROUP

We were very fortunate to have Internationally acclaimed speaker and bestseller author Mr.Shiv Khera amongst us. He motivated the students and the guests present with his speech and filled the auditorium with positive energy.



Python & Arduino Workshop conducted at IEM

A Python workshop was conducted at IEM on 2nd of September and 3rd of september,2018. The workshop was held at IEM Management House for the duration of two days. The notable speakers of this workshop were Prof.Amartya Mukherjee, Prof. Dibyashree Guha and Prof.Ayan Kumar Panja. The workshop was mainly held to enlighten the 1st year students about the concept and idea of the Python Programming Language, which is now quite predominant in the computer society . The enthusiastic students were also taught how to programme an arduino with the help of Python.



IEMGRAPH,2018

The 1st international conference IEMGRAPH'18 - International Conference on Emerging Technology in Modeling and Graphics, was held on 6th and 7th of September,2018. The conference included keynote talks, regular papers and short communications. IEMGRAPH'18 describe the contributions to the theoretical and practical aspects of image processing and graphical modeling of objects presented in images along with applications in this field.

The Conference was organized by the Department of Computer Science and Engineering of Institute of Engineering and Management in association with technical partners like SPRINGER, ISRO and CSI under the supervision of Dr. Debika Bhattacharya of the computer science department.



SEMINAR ON RELEVANCE OF CHEMISTRY IN ENGINEERING

A seminar on "Relevance of Chemistry in Engineering" was organized by the department of "Basic Science and Humanities" on 8th September, 2018 at IEM Management House. The seminar was conducted, to make the students aware of how important chemistry is in the field of engineering education. The speakers of this event were Prof. Arnab Haldar from Presidency University, Kolkata and Mr. Swarup Dutta, who is a senior scientist at Chembiotech, Kolkata.



VISHWAKARMA PUJA

The students of IEM along with the faculty paid their homage to Lord Vishwakarma on 17th of September. The mandap was beautifully decorated by the students. The day ended with the distribution of Prasad.



ENGENGINIOUS