



HRDC

**Human Resource
Development Centre**

Institute of Engineering
and Management,
Kolkata

INNOVACION

Innovacion, the Biggest Tech Fest in Kolkata is 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.

ASME-E-WEEK

The different events organized in the ASME E-WEEK were Oral presentation, Technical Quiz, Apti-Quest, Blow cart, Photography Contest, Meme Contest. These events were all a huge success as students of all the streams participated in these events.

FACULTY DEVELOPMENT PROGRAM

Faculty Development Program is conducted in almost all the Departments, where many Distinguished Professors come to deliver their talks.

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issue - 2

**HUMAN RESOURCE
DEVELOPMENT CENTRE**

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Message from Head, HRDC-IEM

Dr. Mohuya Chakraborty

The editorial board is Glad to release the current issue of IEM-HRDC magazine, August 2019. The contribution and dedication of faculty members of all the departments of Institute of Engineering & Management (IEM) viz., CSE, ECE, IT, EE, EEE, ME, BSH, MBA, PGDM, BCA, MSc and BBA is continuously helping the magazine in stepwise manner for achieving new mile stone. The magazine provides a perfect platform to highlight the various activities, events, faculty development programs, management development programs, seminars, conferences organized by every department over a period of six months from January 2019 – June 2019. The magazine also covers the various recruitment processes for the post of Assistant Professor and Software Developer from various top Universities and Institutes like, IIT Kharagpur, IIT Guwahati, IEST Shibpur, Jadavpur University and Calcutta University of our country.

I want to extend my sincere thanks to my editorial team for the support to make this magazine stand out.

The editorial board welcomes the comments and suggestions to improve the quality of magazine but cannot make assurances about the use of provided material.

I am pleased to say that the management & staff is excellent & do not hesitate to put in their best in all college activities & up-gradation.

I would like to thank students, teaching & non-teaching staff for their kind & continued support in the progress of this Institution. May Almighty God shower his choicest blessings upon all.



Message from Director, IEM

Dr. Satyajit Chakrabarti

This magazine is an endeavor of the HRDC at IEM, which aims to bring together all trainings, faculty recruitments and other activities of various departments of IEM under one umbrella. It is a window that highlights recent developments related to human resource happening in our organization..



HRDC

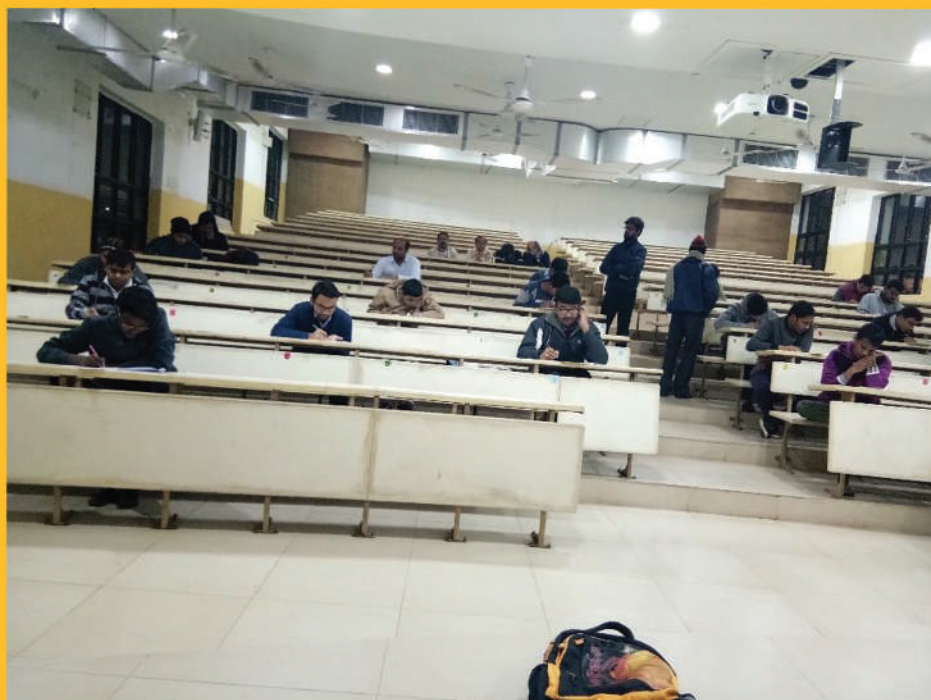
Human Resource
Development Centre



Recruitment Process

for the post of Assistant Professor and Software Developer from various top Universities and Institutes like, IIT Kharagpur, IIT Guwahati, IIST Shibpur, Jadavpur University and Calcutta University of our country.

IIT Kharagpur Recruitment Process in Progress



Sl. No.	Organization	Date	Total no. of candidates	No. of candidates selected
1	IEST, Shibpur	Dec 18 - 19, 2018	90	7
2	IIT Kharagpur	Dec 11 - 12, 2018	22	10
3	Calcutta University	Sep 18 - 19, 2018	57	6
4	IIT Guwahati	Jun 24, 2019	3	2
5	Jadavpur University	Feb 19 - 20, 2019	148	5

//
Calcutta
University
Recruitment
Process in
Progress //



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DEPARTMENTAL EVENTS

DEPARTMENT OF
MECHANICAL
ENGINEERING

RECENT EVENTS

WORKSHOP:

HEAT LOAD WORKSHOP

ISHRAE-IEM Student chapter organised a 3 days Heat Load Workshop as an internal event of the departmental fest, TAAMAAN. The sole purpose of the event was to make our student members aware of the major skill in HVAC industry. Active participation from 2nd, 3rd and 4th years members was observed and over 45 student members showed interest. A guest lecture from a renowned HVAC Consultant of industry was witnessed MR. P.K Sen. The day 2 of the fest was addressed by Mr. UTTAM BAG (Sr.Manager-Project sales, VOLTAS. LTD.).



Prof. P.K.Sen interacting with student members

The interaction was focused on basic concepts and logic behind heat load calculations and hands on practice on formulation when performing a heat load calculation of a particular space. The day 3 of the fest was addressed by Mr. Shuvam Kangsabanik (Sr. Electrical Engineer, VOLTAS. LTD.). The interaction was focused on hands on practice on the use of excel sheet while performing heat load calculation while understanding concepts and logic behind heat load calculations.



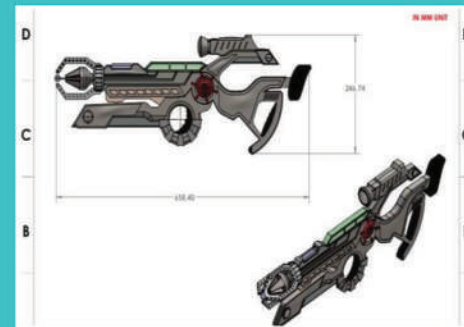
Prof. Gunjan kumar felicitating Uttam Bag Sir

RECENT EVENTS

WORKSHOP:

MAD-CAD

ASME IEM Student chapter organized MAD-CAD event on 18th January, 2019 in association with IEM INNOVACIAN and held during the days of the main INNOVACIAN event. The contest was basically to design a weapon and the weapon had to be unique in its own ways. The best design among the participants was given the first prize. The event was highly appreciated by all the participants.



Group photograph of students and professors at heat load workshop

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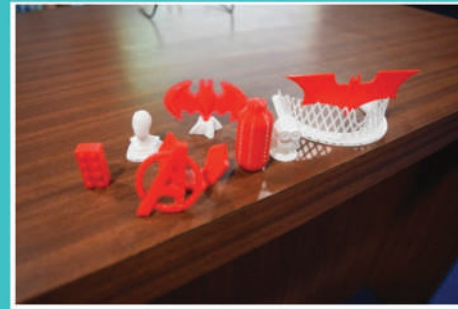
RECENT EVENTS

WORKSHOP:

3D SCANNING & REVERSE ENGINEERING:

Mechanical Engineering Department has successfully organized a workshop on 3D printing (Introduction to 3D Scanning & Reverse Engineering) during 3rd April to 5th April, 2019. The workshop is a prelude to 3D printing Olympiad which is one of the visions of our honorable Director.

More than 60 (sixty) students from IEM, different engineering colleges of Kolkata and outside of Kolkata were participated in this workshop.



3D printed Model at workshop



Training on 3D Printing and 3D Scanning

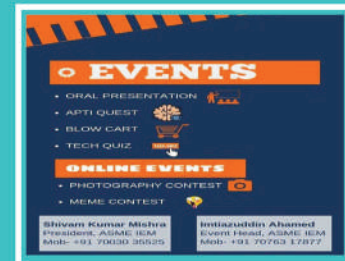
RECENT EVENTS

WORKSHOP:

ASME E-WEEK:

ASME E-WEEK, organized between 9th-12th April, 2019. The different events organized in the ASME E-WEEK were Oral presentation, Technical Quiz, Apti-Quest, Blow cart, Photography Contest, Meme Contest. These events were all a huge success as students of all the streams participated in these events. Blow cart was a new addition in the list of the events and in its first year of commencement the event was a great success. The winners of all the events were awarded and certified as well.

ASME E-WEEK,
organized between
9th-12th April, 2019
ASME



On 5th April, 2019,
at valedictory session

RECENT EVENTS

National Symposium

A National Symposium on Sustainable Waste Management in collaboration with International Society of Waste Management air & water, Jadavpur University was held at IEM Salt Lake, Kolkata on 20.04.2019.

Prof. Sadhan Kr. Ghosh delivering lecture



Prof Ramkrishna Sen, IIT KGP delivering plenary. On dias, Prof. Pradip Kr. Sikdar, IISWBM, Prof Sadhan Kr. Ghosh, JU, Prof Benigopal Mahapatra, KIIT, Bhubaneshwar, Prof Debabrata Majumdar, IEST Shibpur



Panel Discussion By Prof Ghosh Jadavpur University, Prof Sikdar IISWBM, Prof Majumdar IEST Shibpur, Prof Sen IIT Kgp, Prof Chowdhury Jadavpur University, Prof Mohapatro KIIT University, Prof Das University of Calcutta

RECENT EVENTS

Seminar



On 25th of February, ASME IEM Student Chapter hosted an educational session for the students of First Year and Second year. The session was based on the topic, "Introduction to Airplane Performance and Standard Atmospheric Tables and Blade Design"

IIW-IEM Student Chapter Installation & Technical Talk

On April 22, 2019 Institute of Engineering & Management Kolkata organised an event in collaboration with Indian Institute of Welding, Kolkata which focussed on inauguration of IIWIEM Student chapter at IEM Kolkata on the occasion of IIW Foundation Day. A very interactive Technical Talk on "INTERNET of WELDING" was also delivered by IIW officials.

The program started with the National Anthem and then all the guests were felicitated by Prof. Satyajit Chakrabarti (Director) and faculty members of IEM. Mr. Rituraj Bose (Secretary, IIW Kolkata) briefly introduced the role of IIW India and various Students' Chapter to the students and how they can be benefited being a part of the society. He also made the students familiar with the upcoming events and about WELD 2020. The program then headed towards the installation of the student's chapter. The IIW officials gave badges to all the student members enrolled in the society.

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RECENT EVENTS

TECHNICAL talk

Prof. Arun Kumar Bar (Dean Engineering, IEM Kolkata) shared his thoughts about the crucial scope of welding in future. The event then headed towards one of the main purpose of the event i.e the Technical Talk on "Internet of Welding" by Shri Devasis Paul. He shared his views on how welding is done on different sectors irrespective of the shape and size of the section needed to weld. He also mentioned about how welding can be done in land, deep water and even in space. Shri P.K. Das (Past President IIW-INDIA, Chairman Skill Development Committee) motivated the students and briefed about the various career opportunities that a person can seek in the field of welding and automation. The students being motivated also had an interactive session and clarified their respective doubts.



IIW foundation day and technical talk on INTERNET of WELDING

RECENT EVENTS

TECHNICAL talk

TECHNICAL SESSION ON ENERGY CONSERVATION BUILDING CODE

2 days technical session was delivered (10th & 11th April, 2019 from 4:00pm to 5:30 pm) by Mr. Kumar Biplab BEE Certified ECBC master trainer, a regular ISHRAE Member and associated with Green Tree and WBSUEDCL. He was assisted by Mr. Irfan Ayas, Mr. Subhrajit and Mr. Tapas Mandal from Green tree. The Talk was attended by Prof. Gunjan Kumar (Asst Prof, Mechanical Engineering), Prof. Tapas Kumar Dutta (HOD, Electrical Engineering) and 35 students from Electrical Engineering Department, Institute of Engineering and Management.



The Technical Talk was graced by HOD sir, EE dept

TECHNICAL SESSION ON ENERGY CONSERVATION BUILDING CODE

On July 13th, IIW-IEM Student Chapter organised an industry visit which focussed on making students technically competent and to be in touch with the industries. A total of 27 students went for the visit comprising of 2nd, 3rd and 4th year of Mechanical Department. The delegates from IIW Kolkata which accompanied the students on the visit were Shri Devasis Paul, Hon. Treasurer, IIW-INDIA Kolkata Branch and Shri Rituraj Bose Hon. Secretary, IIW-INDIA Kolkata Branch. Prof. Gunjan Kumar and Prof. Dwaipayan De from Mechanical Engineering Department went for visit. Location of Industry visit was "NORTH INDIA WIRES LIMITED".



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RECENT EVENTS

Industrial visit:

Exhibition and Conference visit on HVAC

ACREX India 2019 will be South Asia's largest Exhibition and Conference on Air Conditioning, Heating, Ventilation and Intelligent Buildings, scheduled from February 28 to March 2, 2019 at Bombay Exhibition Centre, Mumbai. It has registered participation from over 500 companies from across the globe, and has achieved a great height as it witness participation from more than 30 countries including Belgium, China, the Czech Republic, Egypt, France, Germany, Italy, Japan, Korea, Malaysia, Saudi Arabia, Singapore, Spain, Switzerland, Taiwan, the Netherlands, UAE, the UK, Ukraine and the USA.



Faculty Members & Students of IEM, Kolkata & delegates of IIW visited NORTH INDIA WIRES LIMITED

Exhibition and Conference visit

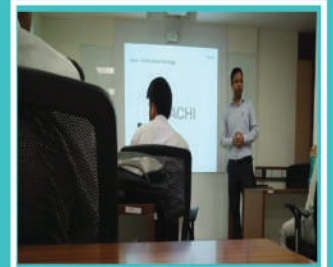


13 ISHRAE IEM student members visited ACREX 2019 and explore life time opportunity for learning

RECENT EVENTS

SITE VISIT AT HITACHI ENGINEERING EXCELLENCE CENTRE

ISHRAE-IEM student chapter, Kolkata organized a site visit at Engineering Excellence centre, Hitachi, Victoria for the student members on 18th June, 2019. The talk was conducted by Mr. Gauranga Boruah, (Head, Hitachi Victoria Excellence centre). There was an active participation of student members from Institute of Engineering & Management (IEM), Salt Lake.



Mr. Gauranga Boruah addressing the students



Students gathered for the technical session

SITE TOUR TO COOLING SYSTEM AT G CENTRE MALL

ISHRAE, Kolkata organized a site visit at plan room for the G-CENTRE MALL for the ISHRAE IEM student members on 28th JUNE, 2019. The talk was conducted by Mr. Manas Sengupta, Sr. Manager (projects). 10 of the student members from Institute of Engineering & Management (IEM), Salt Lake actively participated.



Students exploring the various equipments

RECENT EVENTS

SITE TOUR TO COOLING SYSTEM AT G CENTRE MALL



Students with Mr. Manas Sengupta
inside the chiller room



Cooling towers used at site



solar energy contributing load
consumption

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DEPARTMENTAL EVENTS

DEPARTMENT OF
ELECTRICAL
ENGINEERING



Venue: Management House, IEM Kolkata
Date-26th April, 2019

ELECTROSLIDES 2019 IEM

IEM Kolkata organized a 3 day National Level Inter College Paper Presentation Competition named ELECTROSLIDES 2019, in collaboration with the Institution of Engineers, India (IEI) which is a renowned Govt. organisation for engineers across the globe. The said event was held as a part of the Annual Technical Fest of IEM Kolkata, INNOVACION 2019 during 23rd - 25th Jan. 2019. Prof. Dr. Ankur Bhattacharjee and his team of EE Department played a key role to organize this event. There were around 128 papers submitted from which 78 papers were accepted for presentation.

The presented papers were further screened and then submitted for publishing in peer reviewed International Journals under the SMART Society, USA. In addition to the publication, top three best papers were awarded with cash prizes. UG and PG students across various engineering colleges in India came to participate in this event. Honourable Director (Technical) of IEI, Dean (R&C) IEST, Shibpur and dignitaries from various MNCs came to judge the research work of participants. Overall the ELECTROSLIDES at its debut has been a very successful event.

INAUGURATION of SOLAR ENERGY SOCIETY of INDIA (SESI)

Society for EE students and faculties was inaugurated on 26.04.2019 in collaboration with Solar Energy Society of India. Prof (Dr) Satyajit Chakrabarti, Director, IEM, Prof (Dr) A.K. Nayak, Principal, IEM, Prof (Dr) Arun Kumar Bar, Dean (Engineering), IEM, Prof Tapas Kumar Datta, Head, EE Department, IEM, Mr Prafulla Pathak, President, SESI, Dr S.M.Ali, Vice President, SESI and Prof (Dr) Ashis Mallik, Secretary General, SESI, graced the event.

It was discussed, The International Student Congress on Renewable Energy will be held on 14th and 15th September, 2019 at IEM, Kolkata. The Convenor will be Dr S.M.Ali from SESI. Paper presentation and Poster presentation will be on solar, wind, biomass and other forms of renewable energy. There will be oral presentation, poster presentation and plenary talks and industry visits. The proceedings of the conference will be published in a journal with ISBN number.

Approximately fifty copies of the abstract booklet will be printed and the rest will be provided to the participants in CD format. A short video on renewable Energy Congress will be uploaded in IEM as well as SESI website. IEM POWER will be held in Nov 2019 in collaboration with SESI as knowledge partner.

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DEPARTMENTAL EVENTS

DEPARTMENT OF

ELECTRICAL &
ELECTRONICS
ENGINEERING



INDUSTRIAL VISIT

Venue: SGS, CESC , Garden Reach Road, Kolkata

Date-20th April, 2019

Time duration: 4 hours.

An industrial visit to the Southern Generating Station, Calcutta Electric Supply Corporation was organised by IEM for EEE department on 20th April. The Calcutta Electric Supply Corporation or CESC is an Indian Electricity generation and distribution company serving the area administered by Kolkata municipal corporation , in the city of Kolkata , as well as parts of Howrah, Hoogly, 24 North Parganas and 24 South Parganas districts in the state of west bengal.it has an installed capacity of 135 MW (2 *67.5 MW). It s certified from ISO 9001, ISO 14001, and OHSA 18001.

There are different sections in which the raw material (coal) is converted into electricity by following processes:

- 1- Coal Unloading- using wagon triplers in coal handling plant
- 2- Crusher- pulverisation of coal into coal dust
- 3- Furnace- Burning of coal to generate excessive heat
- 4- Boiler- Boiling of water (by generated heat) to generate steam.
- 5- Turbine- The steam is used to rotate the turbine (to produce mechanical energy).The shaft of the turbine and Generator are interconnected .
- 6- Generator- It converts that mechanical energy(generated by turbine) into electrical energy
- 7- Switch yard: step up and step down of electricity is done.

SGS, CESC, Garden Reach Road, Kolkata



They are:-

- 1- Tungsten carbide + cobalt + aluminium = final powder.
- 2- Sintering- used to melt the binder.
- 3- Avia coating- to provide more hardness to outer side of the tool so that it can cut the machinery efficiently.
- 4- Carbon vapour deposition- 9 gases were used
- 5- Sand blasting- to finalise the rough edges
- 6- Ultrasonic pressure- for error detection.
- 7- Laser etching: to mark the product for unique identification.

INDUSTRIAL VISIT

Venue: CERATIZIT GROUP, Uluberia.

Date-24th April, 2019

Time duration: 5 hours

Description:-

An industrial visit to CERATIZIT GROUP, Uluberia was conducted by IEM on 24th April, 2019. It is a cutting tool producing company, it is basically a Luxembourg based company with high safety measures and clean surrounding. It uses solar energy for electricity and it was fully automated.

For making tools, it uses the imported powder of Tungsten carbide. For better toughness, Tungsten carbide was mixed with cobalt (binder) and Aluminium.

For conversion of Tungsten carbide to the final cutting tools, there are different processes involved.





Inauguration OF Solar Energy Society of India (SESI)

Venue: Management House, IEM Kolkata

Date-26th April, 2019

Members Present from IEM:

1. Prof (Dr) Satyajit Chakrabarti, Director, IEM
2. Prof (Dr) A.K. Nayak, Principal, IEM
3. Prof (Dr) Arun Kumar Bar, Dean (Engineering), IEM and Life Member SESI
4. Prof Tapas Kumar Datta, Head, EE Department, IEM
5. Prof Prabir Kumar Das, Head, BSH Department, IEM
6. Prof Gunjan Kumar, Asst Professor, ME Department, IEM
7. Prof (Dr) Koyel Ganguly, Associate Professor, BSH Department, IEM
8. Prof Dwaipayan De, Assistant Professor, ME Department, IEM
9. Prof (Dr) Ankur Bhattacharjee, Associate Professor, EE Department IEM and Life Member SESI
10. Prof Avishek Ray, Assistant Professor, EEE Department, IEM and Life Member SESI

Members Present from SESI:

1. Mr Prafulla Pathak, President, SESI

2. Dr S.M.Ali, Vice President, SESI

3. Prof (Dr) Ashis Mallik, Secretary General, SESI

Points Discussed:

The International Student Congress on Renewable Energy will be held on 14th and 15th September, 2019 at IEM, Kolkata. The Convenor will be Dr S.M.Ali from SESI. Paper presentation and Poster presentation will be solar, wind, biomass and other forms of renewable energy. There will be oral presentation, poster presentation and plenary talks and industry visits. The proceedings of the conference will be published with ISBN number. Approximately fifty copies of the abstract booklet will be printed and the rest will be provided to the participants in CD format. A short video on renewable Energy Congress will be uploaded in IEM as well as SESI website. IEM POWER will be held in Nov 2019 in collaboration with SESI as knowledge partner.



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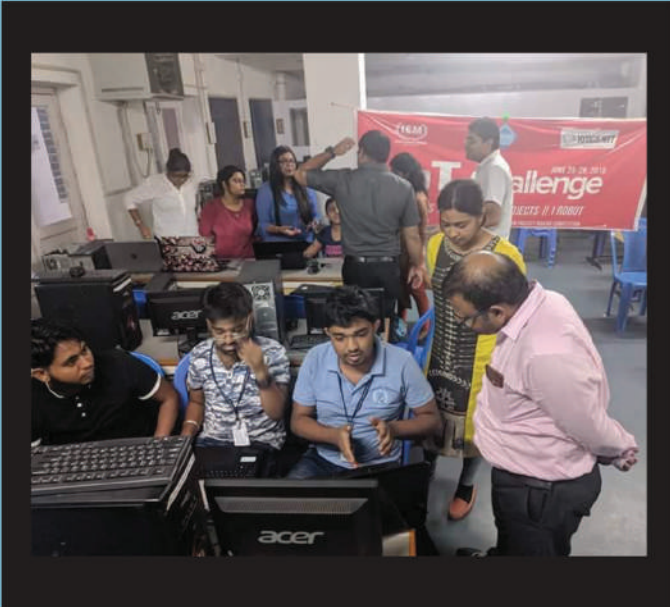


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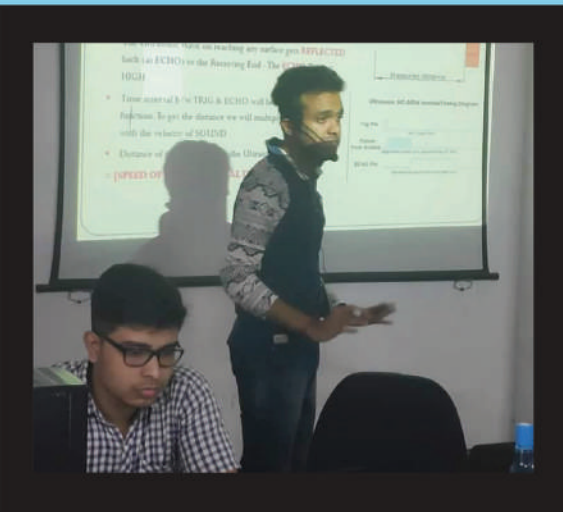
DEPARTMENTAL EVENTS

DEPARTMENT OF
COMPUTER SCIENCE
ENGINEERING



CSE DEPARTMENT EVENTS JANUARY- JULY, 2019

The members of IOTICS (IOT Startup) conducted a workshop explaining the current trend of IOT along with hands-on clarification. They demonstrated some of their ongoing projects viz. Image Processing based Robocar, Advanced Home Automation



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DEPARTMENTAL EVENTS

DEPARTMENT OF
ELECTRONICS &
COMMUNICATION
ENGINEERING

WORKSHOP

One day workshop for Circuit Design Olympiad took place on 5th March, 2019 and 12th March, 2019 ECE. The event was attended by 2nd & 3rd Year Students.



Faculty Development Programs



Dr. Iti Saha Mishra



Dr. Parnika Das



Dr. Jaya Bandyopadhyay

Date: 4th February, 2019
Venue: Seminar Hall
Target Audience: Faculty Members

Dr. Iti Saha Mishra, Associate Professor, Jadavpur University delivered a talk on "Women in Science & Technology" on 4th February, 2019.

Date: 5th February, 2019
Venue: Seminar Hall
Target Audience: Faculty Members.

Dr. Parnika Das, Head of Cryogenic Trap Section, VECC, delivered a talk on "Study of nuclear decay rate change due to environmental effect" on 5th February, 2019.

Date: 6th February, 2019
Venue: Seminar Hall
Target Audience: Faculty Members

Dr. Jaya Bandyopadhyay, Associate Professor, WBUT delivered a talk on "Animal cells and systems" on 6th February, 2019.

CONFERENCES



IEEE CCWC 2019 held from Jan 7, 2019 - Jan 9, 2019 at Las Vegas.

It was a very successful conference and was attended by department faculties and students.

Seminars & Distinguished Lectures



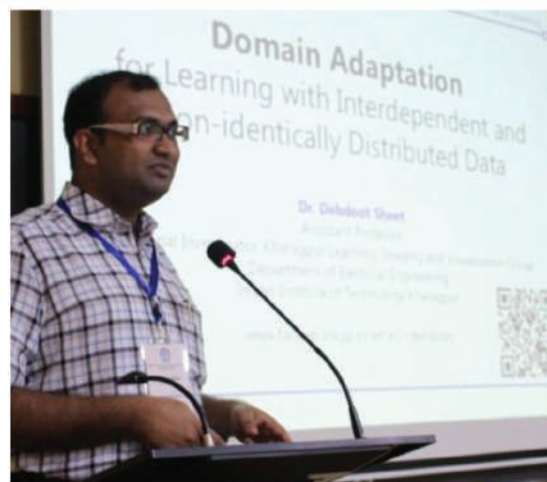
Dr. Arghya Kusum Das

Date: 23rd July, 2019

Venue: Seminar Hall

Target Audience: Faculty Members

Dr. Arghya Kusum Das from University of Wisconsin at Platteville, USA delivered a talk on Big data Genome Analysis.



Dr. Debdoot Sheet

Date: 14th May, 2019

Venue: Seminar Hall

Target Audience: Faculty Members

Dr. Debdoot Sheet, Assistant Professor, IIT Kharagpur, gave a talk on "Image and video processing".

OLYMPIADS

IEM International Circuit Design Olympiad (IEMICDO 2019) was held on 5th-6th April, 2019. The participating countries in this Olympiad were India, Bangladesh, Canada, Poland, USA, Germany. This event was organized by Prof. Mili Sarkar, Prof. Sutapa Ray Adhikary and Prof. Payel Midya



Poster Competitions

Departmental Technical Poster Presentation competition was held on 5th-7th February, 2019. About 150 students participated in this event.



Project Competitions

Departmental Mini Project Presentation competition was held on 22nd May, 2019. About 210 students participated in this event.



Industrial Visits

ERTL, Kolkata



Students of ECE department had a great industrial experience on their visit to ERTL, Kolkata on 29th – 30th January, 2019. About 20 students visited and they were accompanied by Prof. Ratna Chakraborty and Prof. Srijita Chakraborty.



Students of ECE department, 2nd Year had visited to National Test House on 15th February, 2019. About 12 students visited and they were accompanied by Prof. Srijita Chakraborty.

Ceratizit India Pvt Ltd



Students of ECE department, 2nd Year had a great industrial experience on their visit to Ceratizit India Pvt Ltd on 24th April, 2019. About 20 students visited and they were accompanied by Prof. Gautam Ghosh and Mohidur Rahaman.



PATENTS

SI No	Name	Topic	Status (Applied/ Published/ Granted)
1	Apratarkya Bandyopadhyay Rohan Basak Ipshita Pal Soham Nag T.K. Rana Malay Ganguly	PRECISE AND EFFICIENT FARMING USING UNMANNED AERIAL VEHICLES	Applied
2	Sutapa Ray Adhikary	Inertial Sensor Based Hand Gesture Recognition System Using SVM and Android Interface	Applied
3	T.K.Rana	Chromo Therapy Meditation Hub using Brainwave Device	Applied
4	T.K.Rana	IOT BASED DRONE OPERATED EFFICIENT FIRE EXTINGUISHING AND MONITORING SYSTEM	Applied
5	T.K.Rana	Renewable Energy Driven Vehicles on Water with Passengers' Security	Applied
6	T.K.Rana	Grid Synchronized Solar Micro-inverter	Applied
7	T.K.Rana	DESIGN OF A USER-FRIENDLY MARKET SYSTEM BY INTRODUCING MOTORISED	Applied

		SHELVES & AUTOMATED BILLING SYSTEM	
8	T.K.Rana	Brainwave Sensing Device Based Musical Stress Therapy	Applied
9	T.K.Rana	PRECISE AND EFFICIENT FARMING USING UNMANNED AERIAL VEHICLES	Applied
10	T.K.Rana	STUDYING THE EFFECT OF AIR POLLUTION ON SOLAR POWER GENERATION USING SUN SIMULATOR	Applied
11	T.K.Rana	ROAD TRAFFIC MANAGEMENT SYSTEM USING UNMANNED AERIAL VEHICLE	Applied

PUBLICATIONS

SL No.	Title	Authors	Details
1	Synthesis methods of graphitic carbon nitride: a superior photocatalyst	SK Kundu, S Karmakar, GS Taki	arXiv preprint arXiv:1902.04865
2	Graphitic Carbon Nitride based Photocatalysts	SK Kundu, S Karmakar, SC Das, GS Taki	National Conference on Recent Developments in Nanoscience & Nanotechnology
3	Large area graphene synthesis on catalytic copper foil by an indigenous electron cyclotron resonance plasma enhanced chemical vapor deposition setup	S Karmakar, SK Kundu, GS Taki	arXiv preprint arXiv:1901.06879
4	Design and application of nonlinear model-based tracking control schemes employing DEKF estimation	Sanjay Bhadra, Atanu Panda, Parijat Bhowmick, Shinjinee Goswami, Rames C. Panda	//doi.org/10.1002/oca.2526 , Optimal Control Applications & Methods, IF: 1.452.
5	Design and simulation of a Tristate Buffer circuit in Quantum Dot Cellular Automata	Ratna Chakraborty, N K Mandal	IOSR Journal of Computer Engineering (IOSR-JCE), e-ISSN: 2278-0661, p-ISSN: 2278-8727, Volume 21, Issue 2, Ser. II (Mar - Apr 2019), PP 11-22

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DEPARTMENT OF
INFORMATION
TECHNOLOGY

FACULTY DEVELOPMENT PROGRAMS

VENUE: CII Auditorium, Management House

DATE: 7th January, 2019- 11th January, 2019

Target Audience: Faculty members of IEM & UEM

Topic: "Current Industry Trends"

A Faculty Development Program was conducted by Department of Information Technology from 7th January to 11th January, 2019 on Current Industry Trends, where many Distinguished Professors came to deliver their talks. Prof. (Dr.) Hiranmay Saha, Chair Professor and Coordinator, Centre of Excellence for Green Energy and Sensor Systems, I.I.E.S.T, Shibpur & Mr. Bhaskar Nandi delivered their talk on "Renewable Energy Scenario and Road Map in India". Dr. Sanjukta Dasgupta, Retired Professor, Calcutta University, delivered her talk on "Image and Identity: Re-viewing Media Representations", Prof. P.K.Banerjee from IEM talked on "Will China be the next super power? ". Prof. Dr. Biswajit Bhattacharyya from Electrical Department, Jadavpur University delivered his talk on "Bio - Engineering". Prof. Gautam Basu, Professor, Department of Biophysics from Bose Institute had a speech on "Science, Society & Scientists: A Spatio-temporal Evolutionary History". Mr. Sourabh Mukherjee VP, Accenture talked on "Introduction to Data Science & Industry perspective".

Mr. Sabyasachi Mukhopadhyay, REDX Community For Eastern India, Facebook Developer Circle Kolkata, Rootalpha came and delivered his lecture on Machine Learning. Mr. Sushanta Sengupta Senior Consultant, TCS gave "Basic Concepts of IoT" whereas Prof. Sourav Saha from IEM had a HandsOn training session on Machine Learning & Python. Mr. Mrityunjay Panday from Cognizant gave concepts on "Quantum Computing". And on the Final session Mr. Santanu Banerjee, From NJ Wealth delivered his talk on "Personal Finance".



VENUE: CII Auditorium,
Management House
DATE: 25th March,
2019-29th March, 2019
Target Audience:
Faculty members of IT Department

Prof. Dr. Ajanta Das, from UEM Kolkata delivering her talk

FACULTY DEVELOPMENT PROGRAMS

A Faculty Development Program was conducted by Department of Information Technology from 25th March, 2019-29th March, 2019. Prof. Dr. Ajanta Das, from UEM Kolkata delivered lecture on "Innovative Modeling in Software Engineering" on 26th and 27th March, 2019. Prof. Sourav Saha from IEM, Kolkata gave a talk on "Modern Tools for Video Lectures" on 25th and 29th March, 2019.

Prof. Dr. Indrajit Pan from RCCIIT, Kolkata delivered a talk on "Information Diffusion and Propagation Models" on 28th March, 2019. Apart from that many Faculty members of IT department have completed the NPTEL FDP Course on various subjects and secured high marks.

Prof Sourav Saha from IEM, Kolkata
delivering lecture





Prof Dr. Indrajit Pan from RCCIIT, Kolkata delivered a talk

VENUE: Science Auditorium
DATE: 30th January, 2019

Target Audience: All CSI student members and other interested students and teachers of IEM.

“SEMINARS & DISTINGUISHED LECTURE SERIES”



Padma Shri Dr. Bimal Kumar Roy, Head, R C Bose Centre for Cryptology & Security, Indian Statistical Institute delivered his talk on “Blockchain”.

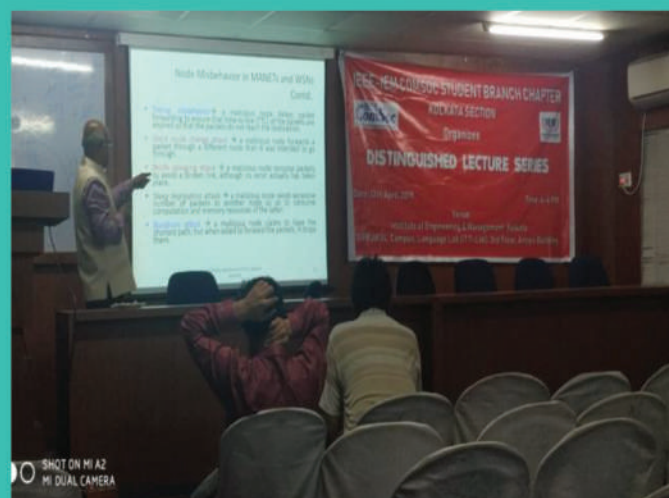


Prof Dr. Mrityunjay Chakraborty from Department of Electronics & Communications, IIT Kharagpur delivered his talk on “Advanced Topics in Digital Signal Processing”.

Prof Dr. Subir Kumar Sarkar from Department of Electronics & Telecommunications, Jadavpur University delivered his talk on “Network Security”

VENUE: Science Auditorium
DATE: 12th April, 2019

Target Audience: All IEM IEEE COMSOC student members and other interested students and teachers of IEM.



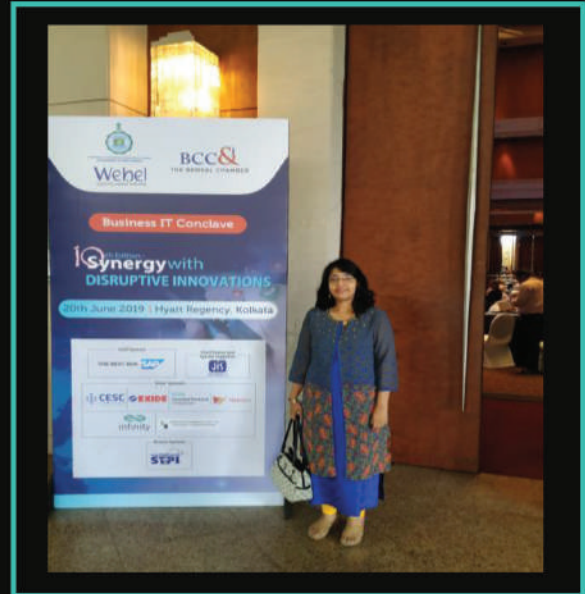
Prof. Ujjwal Maulik from Department of Computer Science & Engineering, Jadavpur University delivered his talk on “Single and Multi-objective Optimization”.

UKIERI Technical Leadership Development Programme held in June 2019 in Shillong



VENUE: Hyatt Regency, Kolkata
DATE: 20th June 2019
Topic: "10th edition of Business IT Conclave-Synergy with Disruptive Innovations"

Prof Dr. Lopa Mandal attending a seminar arranged by Bengal Chamber of Commerce and Industry.



WORKSHOP

Prof. Dr. Baisakhi Das & Prof. Subindu Saha has attended a workshop on "Mobile Governance and Mobile Manufacturing -2019" organized by Department of Information Technology & Electronics, Government of West Bengal.

VENUE: Biswa Bangla Convention Center, New Town Kolkata
DATE: 19th July 2019
Topic: "Animation, VFX & Gaming Knowledge"

Prof Dr. Lopa Mandal attended a workshop on "Animation, VFX & Gaming Knowledge"



VENUE: The Park Hotel, Kolkata
DATE: 21st June, 2019
Topic: “Data Protection ”



Prof. Dr. Lopa Mandal attended a workshop on “Data Protection” organized by DELL.



Prof Dr. Baishakhi Das attended a workshop on “Animation, VFX & Gaming Knowledge”

PROJECTS

A project is applied by Prof. Dr. Sanchita Ghosh to SERB on “Sensing Urban Air Pollutants and its Effect on Human Skin Health: A Knowledge Mining from the Department of IT.

RESEARCH PAPERS

Prof. Dr. Satyasaran Changdar published 3 SCI & ESCI Journal papers in the field of Mathematics. Apart from that Prof. Arup Kumar Chattopadhyay, Prof. Dr. Debashis Das & Prof. Maumita Chakraborty published their papers in different International Conferences in the period of January – June 2019.

issue: 2
volume: 2



HRDC

HUMAN RESOURCE
DEVELOPMENT CENTRE

DEPARTMENTAL EVENTS

DEPARTMENT OF
BASIC SCIENCE
AND HUMANITIES

Event Name: Innovacion 2019

Department:
Basic Science & Humanities

About: Innovacion, 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.

Information: Biggest Tech Fest in Kolkata

Duration: 3
Date: 23rd-25th January, 2019

Faculty Coordinator: Prof. Prabir Kumar Das and Prof. Avijit Bose.
Year: 2019



Chemistry Olympiad: IOPACS 2019

Department: Basic Science & Humanities

About: IOPACS is an online International Olympiad for Pure and Applied Chemical Sciences organised for the first time by the Chemistry wing of BSH Department of Institute of Engineering & Management, Kolkata in collaboration with the Society of Makers, Artists, Researchers and Technologists, (SMART), USA. University of Engineering & Management (UEM) along with the SMART society has been our joint sponsors using the online examination platform of CodeChef. This Olympiad aims at evaluating the subject knowledge, instant application in allied field, developing technological skill-set and competitive attitude for the overall growth of science among tech-learners. Not only that, this competition is organised to put more emphasis on inter-discipline science and to inculcate the scientific mind set in the early orientation of the career

volume: 2

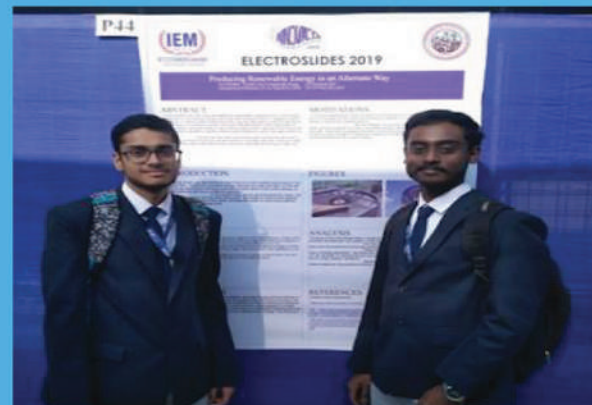
Information: Students from about 20 countries and various institutes all over India participated.

Duration:3

Date: 12th-14th January, 2019

Faculty Coordinator: Kakoli Datta, Tina De

Year: 2019



Event Name:English Olympiad: IOIEO 2019

Department: Basic Science & Humanities

About: IEMIEO organized for the first time by the Chemistry wing of BSH Department of Institute of Engineering & Management, Kolkata in collaboration with the Society of Makers, Artists, Researchers and Technologists, (SMART), USA. University of Engineering & Management (UEM) along with the SMART society has been our joint sponsors using the online examination platform of CodeChef.

Information: More than 1300 students from 11 different countries registered for the exam and gave the online exam.

Duration: 3

Date: 16th -18th January, 2019

Faculty Coordinator: Mousumi Pal

Year: 2019

Event Name: Electroslides 2019

Department:

Basic Science & Humanities

About: Institute of Engineering & Management, Kolkata is going to organize an International Paper Presentation Competition ELECTROSLIDES - 2019 in collaboration with The Institution of Engineers, India (IEI) under the aegis of IEM Annual Technical Fest Innovacion 2019.



Information: 150 students from IEM and different colleges from Kolkata gave their research papers in the event.

Duration: 2

Date: 23rd-24th January, 2019

Faculty Coordinator: Prabir Das, Ankur Bhattacharjee

Year: 2019

Event Name: Webdevelopment Workshop

Department: Basic Science & Humanities

About: Department of Basic Science and Humanities, Institute of Engineering & Management organised a workshop on Introduction to Web Development

Information: More than 300 B. Tech students attend the workshop.

Duration:5

Date: 20th-27th February 2019

Faculty Coordinator:Koyel Ganguly,
Ayan Kumar Panja
Year:2019



Department: Basic Science & Humanities

About: The Department of Basic Science and Humanities of Institute of Engineering & Management, Kolkata is organising a Five Day Language Fest in celebration of the variety and diversity of languages available to a cosmopolitan populace, and to honour the International Mother Language Day on 21st February. This Language Fest is attempting to cherish the various ways in which different languages have evolved, ways languages may be appreciated, and the multifaceted uses of languages.

Information:Through different events and performances, this Language Fest will try to put forward the conventional and unconventional methods of language use and sustenance.

Duration:5

Date: 18th-22nd February 2019

Event Name:IEMVOICES 2019 : 5 Days Language Fest



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Faculty Coordinator: Prof. Samapika Das,
Prof. Mayurakshi Dev, Prof. Riya Barui

Year:2019

IEM-Champions of the MAKAUT Science and Technology Exhibition.

The MAKAUT Science and Technology Exhibition was held on 28th February. IEM outshined amongst the other MAKAUT affiliated colleges and stole the winner's prize on the occasion of the national science day.



Event Name: IEMPHYIAD - Online International Physics Olympiad

Department: Basic Science & Humanities

About: IEMPHYIAD is an online International Physics Olympiad organised in this year for the first time with pomp and splendour by the Society for Makers, Artists, Researchers and Technologists, (SMART), USA which is jointly sponsored by Institute of Engineering & Management (IEM) in association with Institute of Physics, Bhubaneswar and Codechef.

Information: 2000 students from different countries registered and gave the exam.

Duration: 2

Date: 6th-7th April, 2019

Faculty Coordinator: Prof. Arnab Basu, Prof. Soumyadipta Pal
Year: 2019

Name: IEM-Champions of the MAKAUT Science and Technology Exhibition.

Department: Basic Science & Humanities

About: IEM The Makaut Science and Technology Exhibition was held on 28th February, 2019. IEM outshined among the other Makaut affiliated colleges and stole the winners prize on the occasion of National Science Day.

Information: IEM won the Exhibition Competition.

Duration: 1

Date: 28th February, 2019

Faculty Coordinator: Prof. Prabir Kumar Das and Prof. Samapika Das Biswas
Year: 2019

Event Name: Sports Day

Department: Basic
Science & Humanities

About: Cultural Fest of
IEM

Duration: 1
Date: 27th January,
2019

Faculty Coordinator:
Prof. Sanghamitra
Poddar, Prof. Koyel
Ganguly, Prof. Prabir
Kumar Das, Prof.
Samapika Das Biswas
Year: 2019

Department: Basic Science & Humanities
About: Institute of Engineering and
Management had 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.

Information: Many students participated in
the sports and won many prizes.

Duration: 1
Date: 3rd February, 2019

Faculty Coordinator: Prof. Asim Dwan,
Prof. Amit Balmiki, Prof. Mamata Ghosh
Year: 2019



Event Name: Make Your Statement (Debate Competition)/INK-ling (Creative Writing Competition)

Department: Basic Science & Humanities

About: Many The Department of Basics Science and Humanities of IEM had organised for the very first time a five days language fest (IEM VOICES) in celebration of variety and diversity of languages available to a cosmopolitan populace and to honour the International Mother language Day on 21st February , 2019 . Make Your Statement was a debate competition held on 18th February,2019. Along with this was INK Ling a creative writing competition.

Information: Many students took part in the event and winners got cash prize.

Duration:1

Faculty Coordinator: Prof. Riya Barui, Prof. Mayurakshi Dev

Date: 18th February, 2019

Year:2019



Event Name: Speak your Heart Out (Extempore Competition)/ Researchers Fair (Paper Presentation Competition)

Department: Basic Science & Humanities

About: The Department of Basics Science and Humanities of IEM had organised for the very first time a five days language fest (IEM VOICES) in celebration of variety and diversity of languages available to a cosmopolitan populace and to honour the International Mother language Day on 21st February ,2019. Speak Your Heart Out was an extempore competition that was held on 19th February,2019. Researcher Paper was a paper presentation competition where students submitted papers written by them .

Information:More than 50 research papers were selected for the competition, many renowned personalities came as judge and winners were given cash prize.

Duration:1

Date: 19th February, 2019

Faculty Coordinator: Prof. Riya Barui, Prof. Abhishikta Bhattacharya

Year:2019



Event Name: VideoScribe (Video making Competition)/Utter-Chatter (Spell Bee Competition)

Department: Basic Science & Humanities

About: Many VideoScribe was a video making competition that was followed by Utter Chatter a spell bee competition on 20th February, 2019.

Information: Many students gave interesting videos and cash prize was given to the winners.

Duration: 1

Date: 20th February, 2019

Faculty Coordinator: Prof. Mayurakshi Dev,
Prof. Abhishikta Bhattacharya

Year: 2019



Event Name: Great Minds Discuss (Group Discussion Competition)/As You Like It (Drama Competition)

Department: Basic Science & Humanities

About: Group Discussion Competition conducted by the department of basic science's and humanities along with a drama competition.

Information:

Duration: 1

Date: 21st February, 2019

Faculty Coordinator: Prof. Mousumi Paul,
Prof. Samapika Das Biswas

Year: 2019



Event Name: Palabra Por Palabra (Inter language Competition)

Department: Basic Science & Humanities

About: Celebration of inter language exchange on the eve of international mother language day.

Duration: 1

Date: 22nd February, 2019

Faculty Coordinator: Prof. Samapika Das Biswas

Year: 2019



Event Name: IEM- Marathon

Department: Basic
Science & Humanities

About: IEM Marathon
2019, Institute of
Engineering &
Management
organized the Kolkata
IEM UEM Marathon
(Run for Education)

Duration:1

Date: 20th January
2019

Faculty Coordinator:
Prof. Sanghamitra
Poddar
Year:2019



Event Name: Spectrum 2019 – International Students’ Conference on ‘Innovation in Science & Technology’

Spectrum – 2019’ – 2nd International Students’
Conference on ‘Innovations in Science and Technology’-
has been organized by Department of Basic Science and
Humanities, Institute of Engineering & Management (IEM)
in collaboration with The Institution of Engineers(India)
from 7th – 9th March, 2019 at Management House, IEM,
Kolkata, India.

The event comprised of keynote lectures on various
topics by eminent personalities of different domains,
technical paper presentation competition, technical
poster presentation competition, Quiz competition and
Workshops on Emerging technologies.

Information: Students Conference 2019

Duration:3

Date: 7th to 9th March 2019

Faculty Coordinator: Prof.Koyel Ganguly, Prof.Arnab Basu,
Prof.Soumyadipta Pal

Year: 2019



Event Name: Toast Master's International Table Topic Contest

Department: Basic Science & Humanities

About: Toastmasters International is a US headquartered nonprofit educational organization that operates clubs worldwide for the purpose of promoting communication and public speaking skills.

Information: Table Topic Contest Held by Department of Basic Science & Humanities

Duration: 1
Date: 7th April, 2019
Faculty Coordinator:
Prof. Riya Barui
Year: 2019



Event Name: Toast Master's International Speech Contest

Department: Basic Science & Humanities

About: Toastmasters International is a US headquartered nonprofit educational organization that operates clubs worldwide for the purpose of promoting communication and public speaking skills.

Information: Speech contest held by department of Basic Science & Humanities

Duration: 1
Date: 6th May, 2019
Faculty Coordinator: Prof. Riya Barui
Year: 2019



Event Name:International IEM Poetica

Department: Basic Science & Humanities

About: Institute of Engineering & Management, Kolkata welcomes you to a one of a kind Poetry symposium, World Congress of Poetry: IEM Poetica, being organised by our Department of Basic Science and Humanities.

Information: The Congress strives to open discussions and collaborations on the nascent methodologies shaping up the various aspects of poetic creativity.

Faculty Coordinator: Prof. Riya Barui, Prof. Samapika Das Biswas

Duration:1
Date: 9th May,
Year:2019



Event Name:Rabindra Jayanti Celebration

Department: Basic Science & Humanities

About: Students To honour Rabindranath Tagore , IEM organised an event, IEM POETICA , where poetry was the only way to communicate and it was a success as many recited their work and showed their hidden talent.

Information:Students recited their creative poems and were honored.

Date: 9th May, 2019

Faculty Coordinator: Prof. Samapika Das Biswas, Prof. Mousumi Paul, Prof. Mayurakshi Dev, Prof. Abhishikta Bhattacharya

Duration:1

Year:2019



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HUMAN RESOURCE
DEVELOPMENT CENTRE

DEPARTMENTAL EVENTS

DEPARTMENT OF

BACHELOR OF
COMPUTER
APPLICATIONS



Felicitation of Mr. Anindo Bose,
Senior Editor, Springer Nature.

FACULTY DEVELOPMENT PROGRAMS ORGANIZED



Mr. Anindo Bose , Senior
Editor, Springer Nature
delivering lecture

VENUE: Science Auditorium

DATE: 14.03.2019

**Target Audience: Faculty members
of IEM**

**Topic: Nuances and Tools of
Scientific Publishing**

**VENUE: Sarojini Naidu
Auditorium**

DATE: 28.01.2019

**Target Audience:
Faculty members of
BCA Dept**

Topic: Blockchain

Felicitation
of Dr. Mani
Madhukar,
Program
Manager -
University
Relations,
IBM India Pvt.
Ltd



Dr. Mani Madhukar,
Program Manager -
University Relations,
IBM India Pvt. Ltd
with faculty
members of BCA
Dept.



Mr. Sandeep Sengupta delivering lecture

FACULTY DEVELOPMENT PROGRAMS ORGANIZED



VENUE: Sarojini Naidu Auditorium

DATE: 04.03.2019

Target Audience: Faculty members of BCA Dept

Topic: Network Security

Felicitations of Mr. Sandeep Sengupta, In association with Indian School of Ethical Hacking

SEMINARS & DISTINGUISHED LECTURE SERIES



DATE: 10.03.2019

Target Audience: BCA 2ND semester Section A and Section B

Speaker: Mrs. Reshmi Chatterjee, Famous curator, Founder/Curator at Halo Heritage & Curator of Gallery Gold.

DATE: 08.03.2019

Target Audience: BCA 2ND semester Section A and Section B

Speaker: Prof. Madhuchhanda Mitra, Professor of University of Calcutta.





DATE: 09.03.2019

Target Audience: BCA 2ND

semester Section A and Section B

Speaker: Mrs. Apsara Guhathakurta,
MRS. INDIA UNIVERSE EARTH 2018



DATE: 21.01.2019

Target Audience: BCA 2ND semester
Section A and Section B

Speaker: Dr. Mani Madhukar, PhD in CSE &
Exec program in Management McIntire School
Univ of Virginia, Tech Evangelist on Cloud, AI/ML
Blockchain IoT, Program Manager - University
Relations IBM India Pvt. Ltd.

WORKSHOP



DATE: 25.03.2019

Target Audience: BCA
3rd Year

Speaker: Dr. Partha Pratim
Roy, IIT Roorkee



DATE: 21.02.2019

Target Audience: BCA 2ND
semester Section A and
Section B

Topic: Workshop on
Data Analytics with R

DATE: 22.02.2019

Target Audience: BCA
2ND semester Section A
and Section B

Topic: Workshop on Data
Analytics with R



DATE: 26.02.2019

Target Audience: BCA
1st year

Topic: Workshop on IoT
(Internet of Things)

DATE: 27.02.2019

Target Audience: BCA
1st year

Topic: Workshop on IoT
(Internet of Things)



DATE: 04.03.2019

Target Audience: BCA
1 A and BCA 1 B

Topic: Workshop on Ethical
Hacking



DATE: 07.03.2019

Target Audience: BCA
1st year

Topic: Workshop on
Programming in Python



DATE: 18.03.2019 and
19.03.2019

Target Audience: BCA
1st year

Topic: Workshop on
Cyber Security using
Python



DATE: 25.03.2019

Target Audience: BCA
1st year

Topic: Workshop on Machine
Learning using SAS



DATE: 25.03.2019

Target Audience:
25.03.2019

Topic: Workshop on Data
Analytics

DATE: 26.03.2019

Target Audience: BCA 1st
Year and M.Sc (CS)

Topic: Workshop on Cyber
Security and Ethical
Hacking

DATE: 26.03.2019 and
27.03.2019

Target Audience: BCA 2A
and 2B

Topic: Workshop on IoT



DATE: 02.04.2019

Target Audience: M.SC
(CS) 1st Year

Topic: Workshop on IoT
using Raspberry Pi



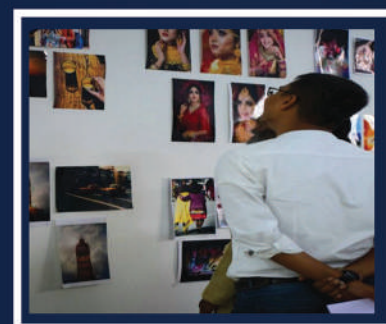
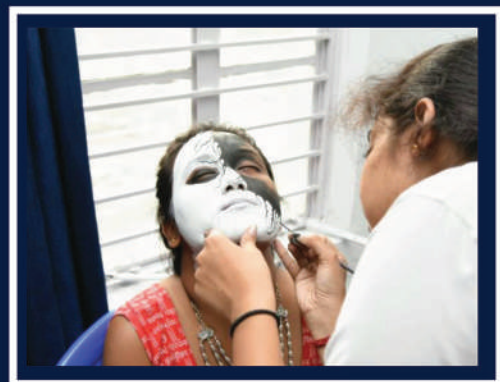
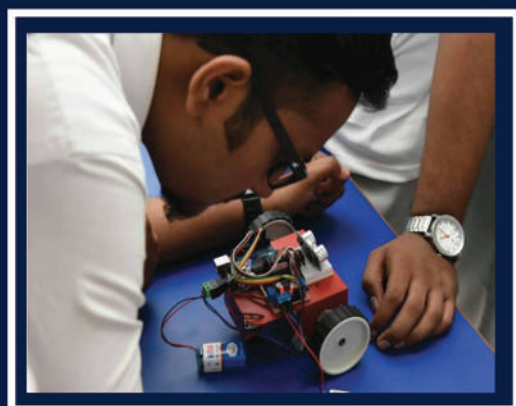
DATE: 01.03.2019

Target Audience: BCA 1st year

Topic: Entrepreneurship awareness Camp

CONFERENCES

NIRVANA'19, a 5-DAY inter-college fest of INSTITUTE OF ENGINEERING AND MANAGEMENT, SALT LAKE organized by Department of Computer Application .



1. Prof. Abhishek Bhattacharya is awarded with Best HOD Award (International Level) by International Academic and Research excellence Awards (IARE-2019)
2. Prof. Soumi Dutta was awarded with Ph.D degree in CSE from IEST, Shibpur.

Books Published

Name of the Book	Authors	Name of Publisher
Emerging Technologies in Data Mining and Information Security, Proceedings of IEMIS, Vol 1 (ISBN 978-981-13-1950-1)	Ajith Abraham, paramartha Dutta, Jyotsna Kr. Mandal, Soumi Dutta, abhishek Bhattacharya	Springer Nature Singapore
Emerging Technologies in Data Mining and Information Security, Proceedings of IEMIS, Vol 2 (ISBN 978-981-13-1950-1)	Ajith Abraham, paramartha Dutta, Jyotsna Kr. Mandal, Soumi Dutta, abhishek Bhattacharya	Springer Nature Singapore
Emerging Technologies in Data Mining and Information Security, Proceedings of IEMIS, Vol 3 (ISBN 978-981-13-1950-1)	Ajith Abraham, paramartha Dutta, Jyotsna Kr. Mandal, Soumi Dutta, abhishek Bhattacharya	Springer Nature Singapore

Journal Publications

1. Bhattacharya, A., Goswami, R. T., Mukherjee, K., & Nguyen, N. G. (2019). An Ensemble Voted Feature Selection Technique for Predictive Modeling of Malwares of Android. International Journal of Information System Modeling and Design, 10(2), 46-69. doi:10.4018/ijismd.2019040103
2. Bhattacharya, R., Roy, P., & Rahaman, H. (2019). A Complete Routing Simulator for Digital Microfluidic Biochip. International Journal of Information System Modeling and Design, 10(2), 70-85. doi:10.4018/ijismd.2019040104
3. Dutta, S., Saha, N., Das, A. K., & Ghosh, S. (2019). Clustering Model for Microblogging Sites using Dimension Reduction Techniques. International Journal of Information System Modeling and Design, 10(2), 26-45. doi:10.4018/ijismd.2019040102

Conference Publications:

1. R. Bonnerji, S. Sarkar, K. Rarhi and A. Bhattacharya, "COZMO - A New Lightweight Stream Cipher," 2018 Second International Conference on Green Computing and Internet of Things (ICGCIoT), Bangalore, India, 2018, pp. 565-568. doi: 10.1109/ICGCIoT.2018.8752965

2. S. Saha, K. Rarhi, A. Bhattacharya and P. Mukherjee, "An involutive lightweight block cipher for 256-bit block size," 2018 Second International Conference on Green Computing and Internet of Things (ICGCIoT), Bangalore, India, 2018, pp. 251-256. doi: 0.1109/ICGCIoT.2018.8753016

4. Dey, K., Chatterjee, D., Saha, S., & Moon, I. (2018). Dynamic versus static rebates: An investigation on price, displayed stock level, and rebate-induced demand using a hybrid bat algorithm. Annals of Operations Research. doi:10.1007/s10479-018-3110-x

5. Jeong, Y., Saha, S., Chatterjee, D., & Moon, I. (2018). Direct shipping service routes with an empty container management strategy. Transportation Research Part E: Logistics and Transportation Review, 118, 123-142. doi:10.1016/j.tre.2018.07.009

INDUSTRIAL VISITS

On 7th March, 6 BCA 1st year students visited Schneider Electric production Unit. Visit was started from 4pm and it was ended at 5pm. It was a rarest experience to our students



On 4.03.2019,16 BCA Students visited Times of India production Unit. Visit was started from 4pm and it was ended at 6pm. It was a rarest experience to our students. Visit was ended with a QA session where out student participated enthusiastically.



40 Students of BCA Dept. of Institute of Engineering & Management (IEM) along with prof Nayantara Mitra and prof Ankan Bhowmik, visited Mio Amore Production Unit for an industrial visit, where they were warmly welcomed by the officials on 23rd February 2019. Students were given a chance to have a look at the production process of the different baked cookies,partries etc. They were shown the hardware, IT infratucture, machinery and various other non-technical assets of the Production unit. Statistical Report of daily production was also demonstrated by the officials. It was a great learning experience for all the students.Mio Amore presented a Big Pastry mentioning "BCA 1st year" to our students.



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HRDC

HUMAN RESOURCE
DEVELOPMENT CENTRE

DEPARTMENTAL EVENTS

DEPARTMENT OF

BACHELOR OF
BUSINESS
ADMINISTRATION

Business Case Study Competition, 2019

Institute of Engineering & Management (IEM), Salt Lake organized a Business Case Study Competition at ASHRAM Campus, IEM
Important Dates:
Preliminary Rounds: 03.05.2019
Semifinal Round : 10.05.2019
Final Round: 17.05.2019



Team BCSC 2019

Purpose: The very aim of the said competition was to enable the students of the BBA(H) level to get introduced into the business case studies in an in-depth fashion. Though not immediately related to their University curriculum, this competition was expected to help them out to interpret the different business problems and their tentative solutions which are all important for a management student.

BCSC 2019 Group Picture after the Final Round with the Juries and the Team Members



Methodology:

The said competition was carried in two stages. In the first phase an intra-class preliminary round competition took place where BBA(H) 2nd Year and BBA(H) 3rd Year students competed within the class. The students made their groups in the class and participated. Each group was given single but separate case studies for analysis. It was proposed that a particular class would be allowed to compete if at least 5 groups were participating in the preliminary intra-class round. The groups discussed the questions given at the end of the case study. They took help of Power-point presentation and they completed their presentation within given time limit. The winner and the runner-up teams from each class was picked-up by panel of juries and the final was held among those 4 groups. Winner and the runner-up was decided by the panel of juries. A separate case study was provided for the final round.

Award & Recognition:

- a) Participation certificates for all participants
- b) Separate certificate for the winner and the runner-up along with Troph.

Co-ordinators: Prof. (Dr.) Rabin Mazumder, Prof. Saikat Chakrabarti & Prof. Dibyendu Chattaraj.



ADVERTISEMENT COMPETITION

Date: 22.04.19

The Advertising competition is the perfect platform to showcase that you have the knack to advertise and win hearts. With this thought in mind IEM, Ashram Campus held an Ad competition on 22nd April 2019, Excitement level of the students reached sky high while preparing for the contest. It not only showcased their acting skills but also the impromptu ability to use the cognitive skill on the spot. All the teams came up with exhilarating performance.



Union budget 2019 poster Presentation

The students of BBA-1st year had made poster presentations on the Union Budget 2019. This was an opportunity for the students to showcase their dexterity in the art of advertising the main highlights of the Union Budget in the presentation of a poster.



IEM DISPUTANDUM 2019

Decades of research has proved the benefits that accrue as a result of engaging in debates are numerous. Through debates people acquire unique educational benefits as they learn and polish their skills. Keeping this in mind the IEM BBA Department had organised a debate competition on 18th February, 2019.



FACULTY PARTICIPATION IN CONFERENCES

1) Prof. Dibyajit Mukherjee presented a paper in an International Seminar in the Department of English, Rabindra Bharati University held on 27th March 2019. The seminar was a One Day U.G.C. Sponsored International Seminar on Literature of the Margins.

2) Prof. Arkaprava Chakrabarty, Assistant Professor of the BBA-Department of IEM, had presented a paper at the 3rd International Conference on Management and Business Practices.

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DEPARTMENTAL EVENTS

DEPARTMENT OF

MASTER OF
BUSINESS
ADMINISTRATION

ATTENDING CONFERENCE

Prof. Arundhati Ray presented a paper entitled “Intellectual Property Rights And Indian Agriculture: Some Policy Issues” at an Interdisciplinary Conference on Agri-Innovation and Entrepreneurship organised by Leeds Beckett University, UK and University of Calcutta, India. Conference Partner: International Management Institute Kolkata. Theme of Conference :DOWN TO EARTH which was held on 21st January, 2019



Prof Anuradha Saha Presented a paper on “Effect of Macroeconomic Variables on Stock Market Volatility A Study on Select Sectoral Indices” in the 3rd International Conference on Management and Business Practices held on 16 th and 17th Janary 2019 at Aliah University

Prof. Sohini Dutta contributed an article titled “English for Organizational Communication in the context of Globalization: An Empirical Investigation “ held at SRM University, Chennai in association with ELT@I, Chennai on 7th - 9th February 2019.

Dr Swati Mukherjee contributed an article titled “Customer’s Perception towards attributes for promotion of Retail Marketing “ in the Two Day iinternational conference on Management Education ; The Road Ahead held on 6-7 th June 2019 at School of Business, Faculty of Management, Shri Mata Vaishno Devi University, Jammu & Kashmir.

PUBLICATION

Prof (Dr) Sujit Dutta has an article titled “Green Business opening and its significance in the present Climate Change Scenario -

A study” which has been published in Zenith International Journal of Multidisciplinary Research in 2019.

Prof. P K Ghosh has an article to his credit which is on Risk Management for India in the light of re-emergence of protectionism. This has been published in CBS Journal of Management Practices in 2019

Distinguished Speaker: Special Lecture Series

Mr. AVIJIT SENGUPTA, DIRECTOR, TATA GLOBAL BEVERAGES LTD delivered lecture on The Emerging “Beverages” Market in India on February 19,2019

Mr. SUMON BHOWMIK, DIRECTOR, SPARSH FOUNDATION spoke on CSR & Management on February 25,2019



Mr. SANJOY BANERJEE, I 3 INSIGHTS INC on March 4, 2019 delivered lecture on Disruptive Technology in Management

Upcoming Events: July 2019– December 2019

Proposed Tentative list of events, seminars, workshops, conference, cultural and technological activities, sports or any other activity for the period of August 2019 – July 2020 (for students only). Please use the following format

Upcoming Events: July 2019- December 2019

Proposed Date	Name of the Event	Organised by (Faculty name, Department)	Venue	Type of the event (seminar, workshop, technical, cultur
11th - 17th August 2019	Study Abroad Programme	Prof. Dr. Sujit Dutta, MBA	National University of Singapore	Seminar
6th - 7th September 2019	Disruptive Change and Organisational Development	Prof. Pradipta Kumar Banerji, MBA	IEM, Management House	Conference
September 2019	Industrial Tour	MBA	Titan, Tata Motors	Industrial Tour
2019 - 2020	Management Development Programme - GST	MBA	IEM, Management House	MDP
2019 - 2020	Management Development Programme - Logistics	MBA	IEM, Management House	MDP
2019 - 2020	Management Development Programme - HR	MBA	IEM, Management House	MDP
2019 - 2020	Management Development Programme - Retail	MBA	IEM, Management House	MDP
2019 - 2020	Management Development Programme - Negotiation Tactics	MBA	IEM, Management House	MDP

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