



ANNUAL REPORT

2017-2018



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INSTITUTE OF ENGINEERING & MANAGEMENT



VISION OF IEM

To be a globally recognized educational institution known for outcome based education and application oriented research.

MISSION OF IEM

To assist students to understand and enjoy seamless nature of knowledge and encourage them to apply the acquired knowledge to practical use, so that they become worthy, socially responsible good human beings sought after for their leadership qualities.

To foster creativity, innovation and excellence through example based teaching-learning process imparted in the most simple and easily comprehensible way.

“If you can’t explain it simply, you don’t understand it well enough.” - Albert Einstein

To continuously upgrade knowledge base of our manpower, improve infrastructure and use of latest technology/pedagogical tools, and update curriculum through periodic feedback from stake holders to enable students to meet professional requirements and their expectations.



Message from the Visionary,,,,,,

PROF. DR. SATYAJIT CHAKRABARTI

Founder Director, IEM.

Knowledge is an empowerment. It teaches life to take the right path, accept challenges and make the right decision in every field. We, at IEM, seek to impart the right education to every student to help them excel in all the spheres of a competitive world.

With a quest to achieve 360 degree growth in areas of multi-disciplinary knowledge, IEM has set bold footsteps towards earning the status of being the best. Accreditation for excellence in academics, infrastructure and multi-dimensional areas is our motto and resolution. To us, success is a journey.. .not a destination.

The vision of the Institute is to act as a Center of Excellence in teaching and R&D in mutli-disciplinary areas and disseminate the knowledge to our student community and industrial sectors.

We aim to be the best Institute in the field of higher education whose alumni will possess highest professional competence with high moral and ethical values.



Message from the Director,,,,,,

PROF. DR. SATYAJIT CHAKRABARTI

Director, IEM.

Ever since the inception of IEM, in 1989, it has maintained its position as the “Jewel of the East”. IEM was born as a result of a dream to nurture bright young minds towards technical and managerial excellence. IEM believes in all-round development of students and encourages them to be not only capable engineers or managers but also good and responsible citizens of the country. This is the reason why, in addition to being the first private engineering college in West Bengal, we have also consistently been the “Best Private Engineering College” in the state. IEM has been ranked 79th in the All India ranking in NIRF by MHRD, Govt., of India and 4th in West Bengal after IIT.

Kharagpur, NIT Durgapur and IEST Shibpur, in 2016. IEM has also been awarded the “Outstanding Engineering Institute-East” in 2017 by DNA Newsgroup, BBC Knowledge and in 2011 by Star News.

The creative bunch of young students, the sincere faculty members, the qualified administrative team and the hard-working support staff are the supporting pillars of IEM that have been keeping the IEM flag soaring high for so many years.

An Introduction



ABOUT THE EDUCATIONAL GROUP

The IEM group is an acclaimed educational group amongst the industry-centered academic training organizations of today. IEM has set sublime standards in addressing the technical and managerial resource shortage in the new era of dynamic globalization. The IEM group has risen to fame for its strong foundation in teaching and R&D in multifaceted areas. It aims to serve the future generation as well as the Nation through its commitment towards self-sufficiency and unmatched excellence.

Since its inception, the IEM group has surpassed innumerable benchmarks of achievements and accreditations. Today IEM flaunts a colossal network of expansive operations led by an awe-inspiring student force who are the torchbearers of a better tomorrow.

The IEM Group has opened up the doors for young minds who dare to dream. It encourages the spirit of free enquiry and imagination. In this temple of learning, dreams take shape. The educational group attempts to inculcate the sense of human values and discipline in students to make them respectable human beings. It encourages learners to learn, to realize their potential and imbibe the best practices.



ACADEMIA

COMPUTER SCIENCE & ENGINEERING

Department Statistics:

Student Strength: 791

Year of Establishment: 1997

Objectives

Evolve as a leading academic unit of excellence emphasizing on outcome-based education with international reputation and adopt itself to the rapid advancement in the field of Computer Science & Engineering and related disciplines.



GOALS AND PLANS FOR NEXT YEAR

- Establishing of our own platform for organizing Coding Olympiad.
- Organizing coding competition monthly.
- Organizing project competition in graduation level under the platform of ACM, IEEE
- Organizing Foreign Visiting Faculty program.

NEW ADDITIONS

Under the leadership of Dr. Debika Bhattacharyya a research collaboration is being worked out with Bennett University which has been funded by Royal Academy of Engineering, UK and a Data Science group of IEM has been formed to do advanced research in the arena of Machine Learning, Deep Learning, Big Data, NLP, Image Processing, Computer Vision and all other related areas.



American Journal of Advanced Computing (AJAC) Introduced

American Journal of Advanced Computing (AJAC) is a peer review international journal which publishes articles in the field of modern aspects computational science.

ISSN: 2368-1209

Website:

<http://www.astpublishers.com/ajac>

Published By: AST
Publishers

Frequency: 4 issues per year

Number(s) Available: To be updated soon

MILESTONE EVENTS

IEMCO (IEM Coding Olympiad)

IEMCO (April, 2018)

Date: 21st April, 2018

Duration: 3 hours

Platform: CodeChef (<https://www.codechef.com/IEMCO5>)

Foreign countries participated: Peru, Tehran, Azerbaijan, China, Russia, Philippines, Japan, Vietnam, Cameroon, USA, Uzbekistan, Italy, Ukraine Germany, and Taiwan

Prizes: Total prizes worth of Rs. 50,000/- to top 10 teams



Next IEMCO: 3rd November, 2018

Total number of participants: 862 teams (approximately 2200 participants)

Participants from IEM: 337

Competitive Coding Classes



A glimpse of the talk by Praveen Baheti is given below – Foreign Faculty Lecture Series
IEM CSE organizes interactive sessions by the distinguished eminent foreign professors for the students

Prof. Dr. Detlef Streitferdt delivering lecture on Software Engineering

Prof. Dr. Robert P. Schumaker is an Associate Professor of Computer Science at University of Texas at Tyler, George W. and Robert Pirtle Endowed Professor of Business, Founder and Director of the Data Analytics Lab, Associate Editor of Decision Support Systems (DSS) journal and speaker through the ACM Distinguished



Speakers Program. He took two days classes on Data Science. The program was held from **18-08-2018 to 21-08-2018.**

Prof. Dr. Andrew Park, an eminent Professor of Thompson Rivers University, took three days interactive session on Machine Learning from **27-07-2018 to 28-07-2018.** The performance of each registered student was evaluated.

IEMGRAPH, 2018

The first International Conference on Emerging Technology in Modelling and Graphics (IEMGRAPH 2018) was held at IEM Gurukul Campus, Kolkata during 6th & 7th September, 2018. Indian Space Research Organisation (ISRO) and Computer Society of India (CSI) were the technical sponsors of the event. The proceedings of IEMGRAPH 2018 will be published in the Springer’s Advances in Intelligent Systems and Computing series.



RESEARCH, PUBLICATIONS AND CONSULTANCY

Patent Information:

Name of the Applicant	Application Id	Year of Patent	Status	Details
Dr. Debika Bhattacharyya Rebeka Bhattacharyya Bhaskar Tejaswi Harsh Agarwal	201731030846	14/11/2017	Published	Optimal Telecommunication Tower Placement System Using Data Science
Nilanjana Dutta Roy, Nilanjan	201731014179	15/06/2018	Patented	A cellphone based Portable Low-cost

Daw, Debapriya Paul				Real-time Malaria Detection and Monitoring System
Debabrata Sarkar (CSE- Student)	201731017401	11/05/2018	Patented	People Counting based on Sensor Machine
Himadri Nath Saha Rajib Chatterjee	201731033601	22/09/2017	Patented	RF-based Energy efficient vehicle alert system to reduce the noise pollution

STATISTICS OF PUBLICATIONS (2017-2018):

Category	Number of research paper published
Conference	65
Journal	26

AWARDS & RECOGNITION ACHIEVED BY THE STUDENTS

Higher Study Report (2017-2018)



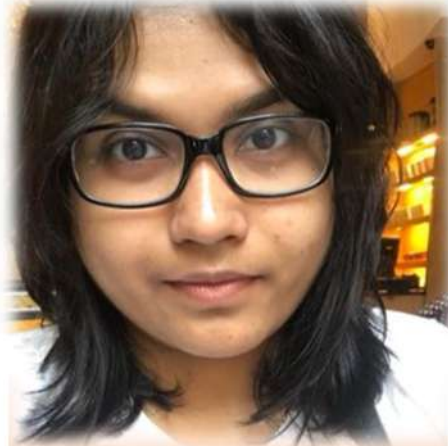
Prachatos Mitra
(Graduated in 2018,
CSE)
GATE(CSE) 2018



Ahitagni Sen
(Graduated in 2018,
CSE)
CAT 2018



Avimita Chatterjee
(Graduated in 2018, CSE)
University of Colorado
Boulder



Somosmita Mitra
(Graduated in 2018, CSE)
Purdue University

Awards and Appreciation (2017-2018)



Abhishek Prasad
(Graduated in 2018 CSE)

He won the “Best updated pre-existing App” in Developer Circles Community Challenge, Hackathon. It was organised by Facebook developer circle. He was awarded a cash prize of \$2500.



Rashika Daga
(Graduated in 2018, CSE)

She is the winner of Dr. B. B. Ghosh Gold Medal Award for the Best Student.



Rahul Lakhotia
(Graduated in 2018, CSE)



Sanjana Jha
(Graduated in 2018, CSE)

Winners of Dr. A.P.J. Abdul Kalam
Award for Overall Performance.

Achievements of Students (2017-2018)

Sl. no	Student Name	Recognition
01.	Sourov Ghosh (Graduated in 2018, CSE) Sohan Dutta (Graduated in 2018, CSE)	Dr. A.P.J. Abdul Kalam Award for Best Scientific Mind
02.	Shubham Bajaj (Graduated in 2018, CSE) Vivek Kedia (Graduated in 2018, CSE)	Dr. A.P.J. Abdul Kalam Award for Best Techno Wiz
03.	Rajarshi Nag (Graduated in 2018, CSE) Allama Hussain (Graduated in 2018, CSE)	Dr. Sudarshan Chakraborty Award for The Best Student
04.	Harsh Anand (Graduated in 2018, CSE) Avimita Chatterjee (Graduated in 2018, CSE) Baishaki Chatterjee (Graduated in 2018, CSE)	Dr. Homi J. Bhaba Award for The Best Student Contribution
05.	Sayan Dutta (3 rd Year, CSE)	ISRO (Newtown) selected six students for their image streaming project and He stood 3 rd all over India in project competition.

STATISTICS OF PUBLICATION (STUDENTS) IN 2017-2018:

Category	Number of research paper published
Conference	31
Journal	6

AWARDS & RECOGNITION ACHIEVED BY THE TEACHERS

Dr. Himadri Nath Saha

GPS Based Autonomous Drone



Felicitation of authoring a book “Bigyan Prabah” in collaboration with VECC

Dr. Kamakhya Prasad Ghatak

Dr. K. P. Ghatak is the first recipient of ACADEMIC EXCELLENCE AWARD of UEM, Kolkata from Honourable Governor of WB, Sri Keshari Nath Tripathi (2017).



Dr. Debika Bhattacharyya

Dr. Debika Bhattacharyya, along with 27 Indian professors have got 3 crore rupees fund from Royal Academy of Engineering, UK for developing AI and Deep learning skills (2017).

Application Title:
Making "Deep Learning and AI skills" mainstream in India to fulfil trilateral needs of entrepreneurship, Industry-academia partnership and application-inspired Engineering Research.

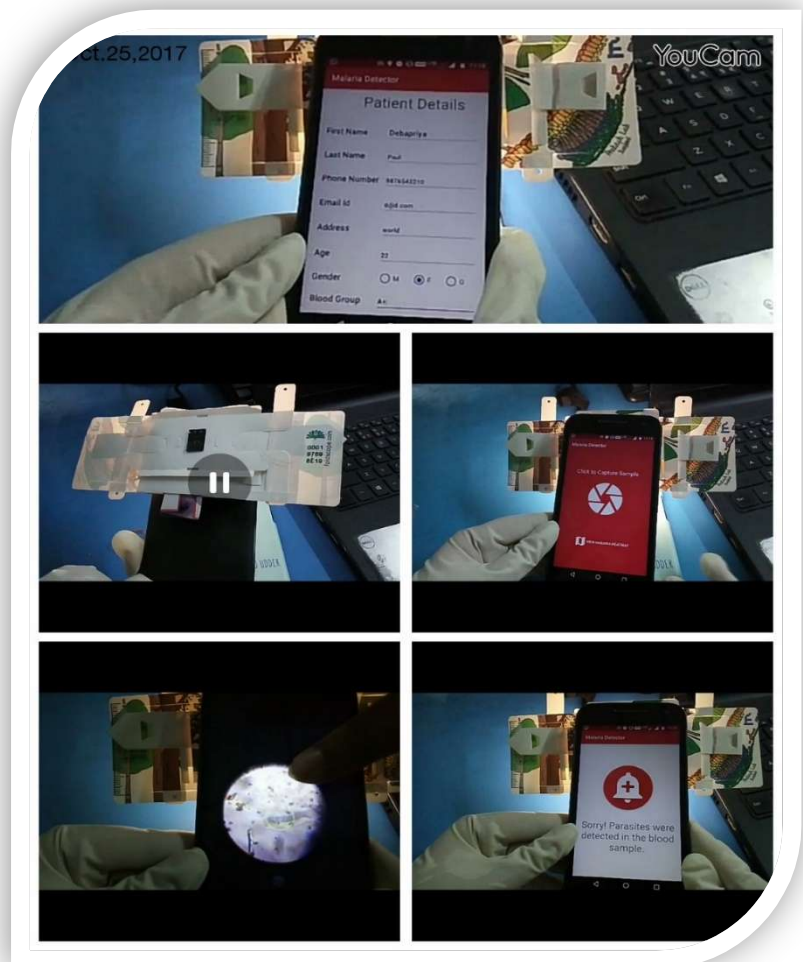




Nilanjana Dutta Roy

A Portable, Low-cost Malaria Detection, Monitoring & Mitigation Device (2017) developed by Prof. Nilanjana Dutta Roy. Detection of common mosquito-borne disease malaria could become cheaper and take just "seconds" with a new portable device, the handiwork of researchers from two Kolkata institutes.

A team of researchers from the Institute of Engineering and Management in **collaboration with the Indian Institute of Engineering Science and Technology**, Shibpur claim to have developed a mobile, low-cost malaria detection system, which can diagnose Malaria just in few seconds.



Awards & Grants:

- Received prize money of Rs. 8 lakhs from Department of Biotechnology, Govt. of India,

April 2018

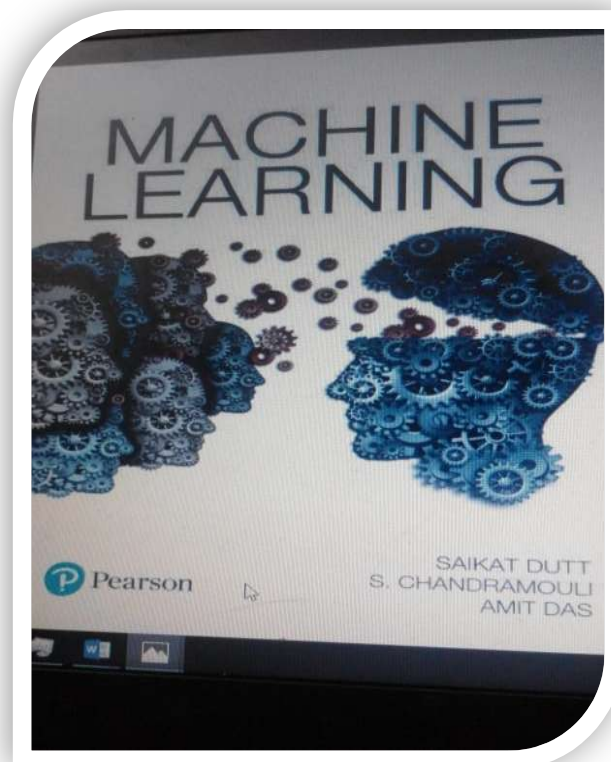
- Received TitanXp GPU from NVIDIA as a gift from them (Approx. 3.5 lakhs), June 2017
- **Received free Foldsopes from Stanford University, Department of Biotechnology, March 2017**
- **Received Rs 2 lakhs from IEST, Shibpur to establish new laboratory**

MoU:

- Signed MoU with Department of Biotechnology, Govt. of India for sponsored project on Malaria
- Signed MoU with Microbiology Department and Biotech Hub of Assam Central University, Silchar, Assam for Govt. sponsored twinning projects
- Signed MoU with School of Tropical Medicine, Kolkata for malarial data collection

Amit Kr. Das

He is currently authoring a text book on Machine Learning for the students at the undergraduate level to be published by Pearson publisher by end of September, 2018.



ENTREPRENEURSHIP

Name of the Student	Name of the Start up
Praveen Baheti	Alien Brains
Soham Banerjee Shreya Pramanik	One Wallet Hub
Pratibha Goenka	The Hacker Street
Abhishek Gupta	Tootle Software

COLLABORATION AND MOUS

Faculty name	Collaborations
Dr. Himadri Nath saha	The Johns Hopkins University Applied Physics Laboratory Carleton University, London Technische University Ilmenau, Germany Grand Valley State University Calcutta University, West Bengal, India Bhaba Atomic Research Centre University of Connecticut Cadena InfoTech Private Limited
Dr. Debika Bhattacharyya	Royal Academy of Engineering, UK Indian Space Research Organisation (ISRO), India Benette University, India Jadavpur University Calcutta University
Nilanjana Dutta Roy	IEST, Shibpur, India Assam Central University, Silchar, Assam, India
Amit Kumar Das	Calcutta University, India Iwate Prefectural University, Japan
Sukanya Mukherjee	IEST, Shibpur, India
Anupam Mandal	Jadavpur University, India

FDPS/ DISTINGUISHED LECTURES ORGANISED

Sl. NO.	DATE	SPEAKER	TOPIC
1.	21-06-2017	Mr. Pravin Baheti IEM, Winner IBNC-2016	A workshop on Recent Trends in Data Analytics
2.	21-06-2017	Mr. Nilanjan Daw Ms. Debapriya Paul	Image Processing Workshop with OpenCV & Python
3.	22-06-2017	Lt. Vineet Kumar (President, Cyber Peace Foundation)	FDP on Cyber Security
4.	22-06-2017	Prof. Moutushi Biswas Singh & Prof. Amit Kumar Das (Assistant Professor – Information Technology, Computer Science & Engg. Institute of Engineering & Management (IEM))	Cyber Crime and Security
5.	24-06-2017 to 25-06-2017	Mr. Rajib Sarkar (Jadavpur University)	Image Processing and Evolutionary computing
6.	25-06-2017	Mr. Pritam Bhattacharya IIT KGP	A workshop on Python
7.	17-07-2017 to 18-07-2017	Prof. Dr. Sourav Sengupta (Visiting Lecturer, RC Bose Centre for Cryptology and Security, ISI Kolkata)	Data Science
8.	19.07.2018	Prof. CA Murthy (Professor, Indian Statistical Institute (ISI))	Data Sciences: Clustering and Classification
9.	22-07-2018	Prof. Dr. Arnab Bose (Managing Director at <i>Abzooba</i>)	Machine learning and Pattern Recognition
10.	25-07-2018	Prof. C.A. Murthy (Professor, Indian Statistical Institute (ISI))	Lecture on Probability Theory Basics
11.	25-08-2017	Prof. Debapriyo Majumdar	Lecture on Big Data and

		(Professor, Indian Statistical Institute (ISI))	Analytics & Text search and analysis
12.	15-09-2017	Prof. Chandan Mazumdar Jadavpur University	Big Data Workshop with R and Hadoop
13.	18-09-2017	Prof. Saubhik Bandhopadhyay Amity University	Workshop on Big Data Analysis
14.	02-01-2018	Mr.Saikat Dutt	Current Trends in Project Management
15.	03-01-2018	Mr. Ananda Ghosh	Being Digital
16.	04-01-2018	Prof. P.K.Banerjee	A perspective of Disruptive Economic Reforms
17.	05-01-2018	Ms. Indrani Saha	An Introduction to Block chain Technology
18.	06-01-2018	1. Dr. Amitava Mukherjee 2. Mr. Basudev Gangopadhyay	IOT Network Security & Current Challenges
19.	09-01-2018	Dr. Preetam Ghosh (Associate Professor in the Department of Computer Science at Virginia Commonwealth University)	Efficient Wireless Sensor Networking Inspired by Genomic Robustness Category
20.	13-01-2018	Mr. Vivek Kedia Mr. Shubham Bajaj (IEM)	A workshop on competitive coding
21.	02-02-2018	KernelSphere Technologies Pvt. Ltd	Workshop on IOT and Cyber Security
22.	17-02-2018	Mr. Koushik Dutta (PhD Fellow, JU)	Face Image Acquisition and Visualization in 2D and 3D domain
23.	21-02-2018	Prof (Dr.) Siddhartha Bhattacharyya (Principal at RCC Institute of Information Technology, Kolkata; ACM Distinguished Speaker)	An Quantum Inspired Metaheuristics for Image Thresholding & Segmentation
24.	02-06-2018	Dr. Chintan Mandal (Jadavpur University)	How to write research paper using Latex

25.	03-06-2018	Mr. Nilanjan Daw Ms. Debapriya Paul	Image Processing Workshop with OpenCV & Python
26.	04-06-2018	Mr. Amit Kumar Das (IEM)	Machine Learning And Deep Learning
27.	04-06-2018	Mr. Sudeb Das (Videonetix)	Machine Learning

PLACEMENT

Recent Achievements:

- **TCS Digital Enterprise** selected 24 students with a package of 7 LPA out of which 13 were from CSE Department (2019 pass out).
- **Adobe** selected 4 students with a package of 39.14 LPA out of which 3 were from CSE Department (2018 pass out).
- **Infosys** selected 10 students out of which 1 was placed with 8LPA package, 8 with 5 LPA package and 1 with 3.6LPA package (2019 pass out).
- Already 6 **dual offers** have been accepted by CSE students (2019 pass out).

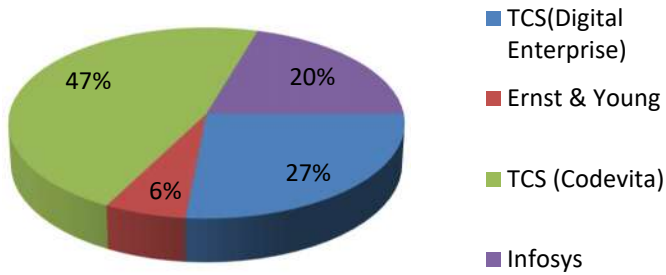
Overall Statistics:

Company Details for Department

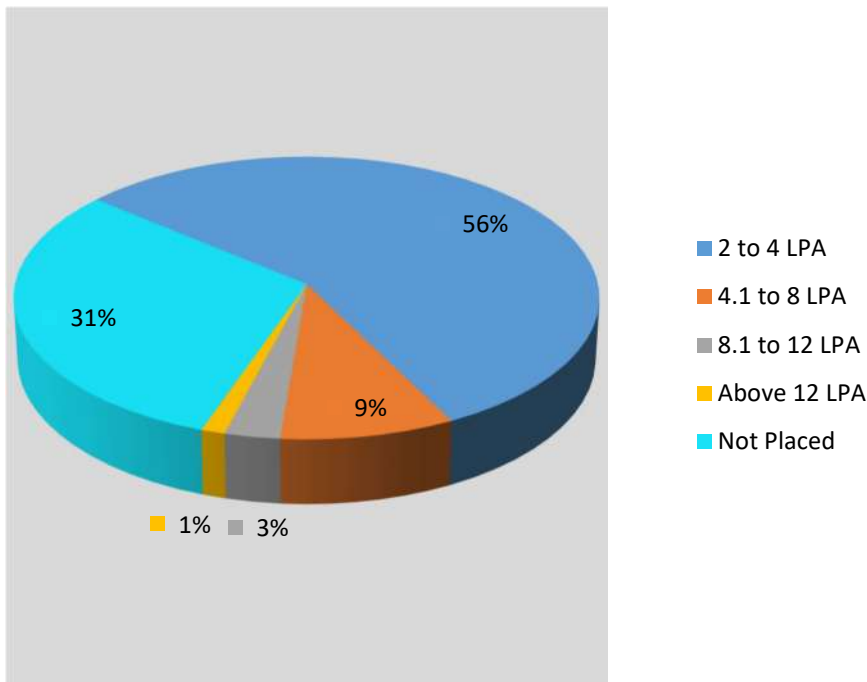
Batch-2018-2019, Dept: CSE

Pass Out Batch Year	Batch Strength	Students opting out of the Placement process	Number of Students in Startups	Number of Students Not eligible for Placement	Number of Students Placed till 15th Aug, 2018	Total Number of offers received by Placement Seeking Students	Maximum Package	Average Package
2018	250	175	15	80	173	191	39.14 LPA	7.36LPA
2019	260			84	49		7LPA	5.19LPA

No. of Students placed in different companies 2018 Batch



No of Students placed with different LPA Packages 2018



ELECTRONICS & COMMUNICATION ENGINEERING

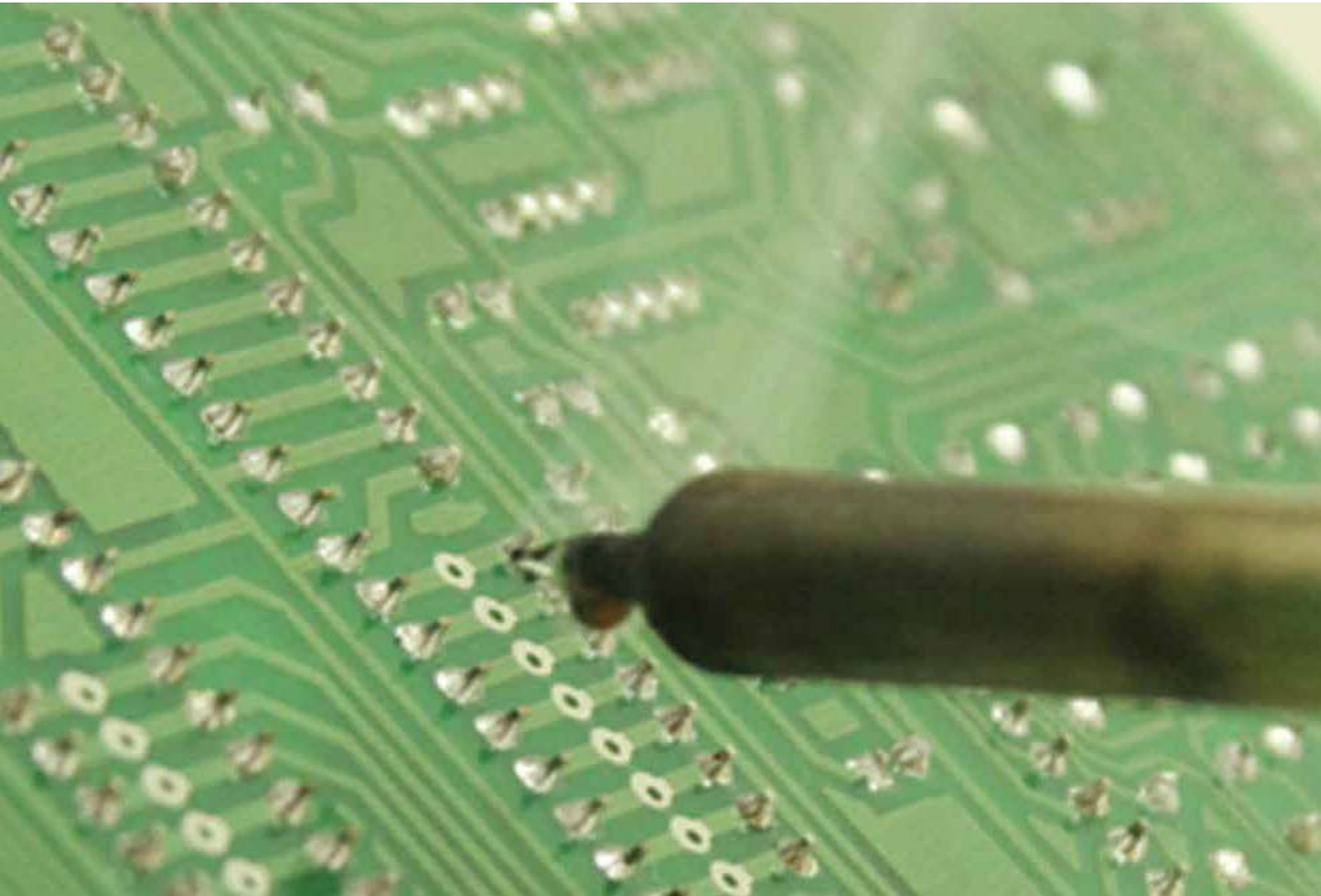
Department Statistics:

Student Strength: 706

Year of Establishment: 1997

Objectives

The department puts strong emphasis on imparting practical education by carefully administering proper lab work to complement their theoretical knowledge. The department perseveres to equip students with capabilities to transcend the boundaries of academic realms to integrate their knowledge with innovation and forward thinking.



GOALS AND PLANS FOR NEXT YEAR

- More students should join higher studies in national and international institutes of repute directly after finishing the program.
- To become centre of excellence in research in the following focused areas – VLSI, Antenna Design, Material Science, etc.
- To develop interaction with different institute and industries for research and consultancy
- Maximum faculty up gradation.

NEW ADDITIONS

Department of Electronics & Communication Engineering have a dedicated research lab catering to the needs of all faculties and students in promoting innovation and creativity in the field of research & development. The R & D Lab of the Department plays a major role in the success of its students and faculties, which can be observed from the huge number of patents and publications produced in the last 3 years.



**AGILENT N1996A-503
3GHz CSA-Spectrum
Analyzer**



**ECR Plasma Enhanced
Multipurpose Film
Deposition System**

MILESTONE EVENTS

IEMENTech 2018 (4th -5th May, 2018) at Kolkata, India



2nd International Conference on Electronics, Materials Engineering and Nano-Technology (IEMENTech 2018) during May 4th-5th, 2018. The scientific deliberations of the conference covered diversified topics on **Electronics, Materials Engineering, Nano Science and Technology.**

The keynote speakers whose presence made the conference a grand success were Dr. Masahiro Fujita (University of Tokyo), Dr. Samit Kumar Ray (SN Bose National Centre for Basic Sciences), Dr. Subhash Bhalla (University of Aizu) and Dr. Nil Ratan Bandyopadhyay (IEST, Shibpur), Dr. Saikat Maitra (Vice-Chancellor, MAKAUT).

IEEE CCWC 2018 (8-10 January,2018) at Las Vegas



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. Thayer Hayajneh and many more.

IEEE IEMCON 2017 (3rd – 5th October, 2017) at UBC, Vancouver, Canada



- All accepted papers were presented during the parallel sessions of the Conference and papers were submitted for publication at **IEEE Xplore Digital Library**.
- This conference was **financially and technically sponsored by IEEE Vancouver section, Institute of Engineering & Management (IEM) & University of Engineering & Management (UEM)**.

IEEE IEMECON 2017 (16th – 18th August, 2017) at Bangkok, Thailand.



All accepted papers were presented during the parallel sessions of the Conference and papers have been submitted for publication at **Springer Digital Library**.

RESEARCH, PUBLICATIONS AND CONSULTANCY

Patent Information:

List of Pending Patents

Serial No.	Applicant Name	Title	Patent Number
1	Dr. G.S.Taki	A Compact Multipurpose Thin Film Deposition System	1132/KOL/2015
2	Dr. Rijuparna Chakraborty	A holographic lighting structure using Talbot-Lau effect	1137/KOL/2015
3	Dr. Malay Gangopadhyay	Resonant Frequency Optimization and fabrication of Aperture-Coupled Rectangular Microstrip Antenna Using Particle Swarm Optimization Algorithm.	1229/KOL/2015

4	Dr. Rijuparna Chakraborty	Restraining The Motion Of A Fiber Cantilever Tip With An Adaptive Optical Tweezers	1231/KOL/2015
5	Dr. Malay Gangopadhyay	Resonant Frequency Optimization and fabrication of Microstrip Fed Microstrip Antenna Using Particle Swarm Optimization Algorithm	1232/KOL/2015
6	Dr. Rijuparna Chakraborty	Design Of Optical Logic Gates _Patent Proposal	201631006163
7	Arindam Chakraborty	Physical design approach of a novel architecture of a Junction-less transistor having high k- spacers	201631012538
8	Arindam Chakraborty	Implementation of silicon-on-insulator(SOI) based power junction-less transistor device switching in switch mode power supply (SMPS) circuit	201631027479
9	Dr. Malay Gangopadhyay	Resonant Frequency Optimization and fabrication of Coaxially Fed Rectangular Microstrip Antenna Using Particle Swarm Optimization Algorithm	1230/KOL/2015
10	Prof. G.S.Taki	A Permanent Magnet Electron Cyclotron Resonance Plasma Enhanced Multi-Facility Nano-Metric Film Deposition System	Patent Application No: 201731026517, Publication Date: 15/09/2017
11	Prof. G.S.Taki	Solar energy driven ammonia synthesis in wet nitrogen environment using modified perovskite-nanostructure based photo-catalytic water splitting	Publication Date: 15/09/2017

STATISTICS OF PUBLICATIONS (2017-2018):

Category	Number of research paper published
Conference	60
Journal	16

AWARDS & RECOGNITION ACHIEVED BY THE FACULTY

Higher Study Report (2017-2018)



Prof. Ratna Chakrabarty was awarded the certificate of appreciation for being the SPOC of NPTEL Local Chapter



Prof. P.K.Ray was awarded the certificate of Distinguished Teacher from IEST, Shibpur for his outstanding contribution to the institute



Prof. Rijuarna Chakraborty was awarded the Breakthrough Prize in Fundamental Physics

AWARDS & RECOGNITION ACHIEVED BY THE STUDENTS



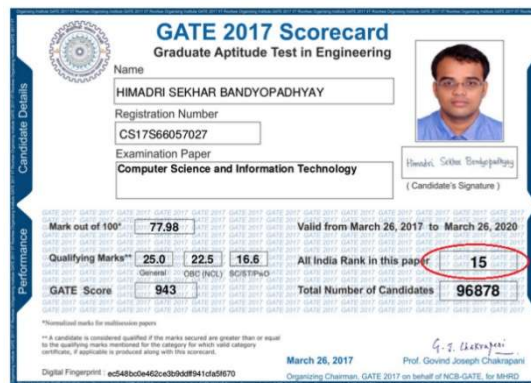
Certificate of AKASH MOHTA, Silver Medalist for UG in 2017

Name of the student(University Rank Holder)	UG/PG	Rank	Year
SAYAN KUMAR MOITRA, Silver Medalist	UG	2	2015
SOUMIK CHATTERJEE, Silver Medalist	PG	2	2015
SOHAM TALUKDER, Bronze Medalist	UG	3	2016
ATRIMA GHOSH, Bronze Medalist	UG	3	2016
AKASH MOHTA, Silver Medalist	UG	2	2017

Higher study Record 2017-2018

Graduating year of the Student	Name of the University/Institutions	Qualifying Examination	Number of Students admitted
2017-2018	IIT Bhubaneswar	GATE	Gaurab Bhattacharya
	IIT Kharagpur	GATE	Mayukh Roy
	IIT Kharagpur	GATE	Md Minhazuddin
	IIT Madras	GATE	Shankha Mukherjee
	University of Maryland	GRE	Subhojoy Dey
	IIT Kanpur	GATE	Suman Kundu

AWARDS AND APPRECIATION (2017-2018)



Himadri Bandyopadhyaya Ranked AIR 15 in GATE 2017



International Students Office-Zweitung (ISO-ZO)
Haid-Strasse 49
76131 Karlsruhe
Germany

International Students Office -
Zweitung (ISO-ZO)
Haid-Strasse 49
76131 Karlsruhe
Germany

Admission for winter semester 2017/18

Application No.: 11702154
Subject: Optics and Photonics (Master)
Mr Pritom Paul,
born on 24th Oct. 1994

You are admitted to the Master of Science Degree program in "Optics and Photonics" at Karlsruhe Institute of Technology.
This program is taught in English language.
Admission is under the condition that the final certificate of the bachelor's degree is submitted within the time limit for the course of study (see access and selection regulations of the respective course of study). Enrollment takes place only upon submission of the bachelor's degree. The admission is rendered invalid if the proof is not presented within the period prescribed.

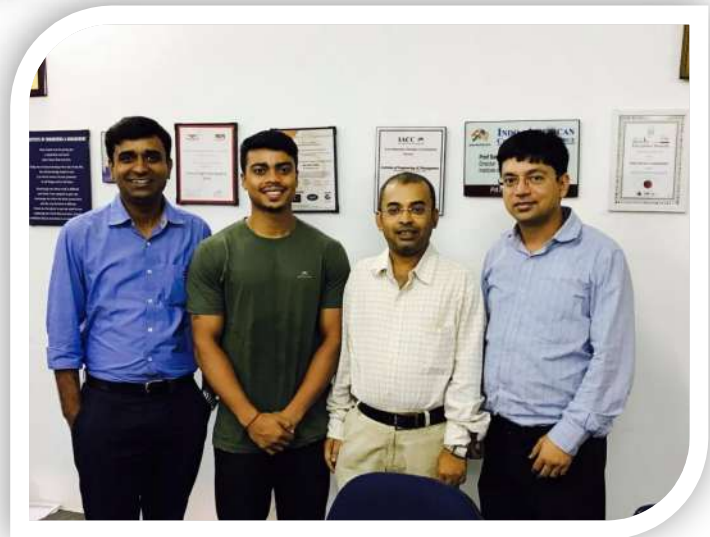
Yours sincerely
International Students Office
This letter has been produced by a computer system and is valid without signature and seal.

Pritom Paul, IEM ECE 2017 alumnus, received offer for higher studies at the Karlsruhe Institute of Technology, Germany.



Samanway Guha is pursuing Masters degree at the University of Sheffield. He had also got admits from the University of Southampton, Glasgow University, Kings College London, Queen Mary, University of London, University of Nottingham.

Gaurav Sarkar, 2017 batch IEM ECE alumnus has got an admit from the prestigious Texas A & M University (TAMU). Besides TAMU, Gaurav has got admits in Penn State, Virginia Tech, North Carolina State University, University of Southern California, Arizona State University, Iowa State University.



Subhojoy Dey got admit in the very prestigious University of Maryland at College Park. University of Maryland at College Park is ranked with top 50 colleges in the world. It is a public ivy university.



Department of Mathematics and Statistics
Faculty of Science
MS 462
Telephone: (403) 220-6299
Fax: (403) 262-5100
Email: gradapps@ucalgary.ca

February 15, 2018

Kuntal Sengupta
207/13 Rajpur Road, Kolkata
West Bengal, Kolkata 700047, India

NAME: Kuntal Sengupta
DATE OF BIRTH: 10/1/1995
University of Calgary Student Identification Number (UCID#): 30067732

Dear Mr. Sengupta:

On behalf of the Faculty of Graduate Studies, I am pleased to offer you admission to the Department of Mathematics and Statistics, leading to the degree of Master of Science (Thesis-based) in the specialization of Mathematics for the session beginning September 1, 2018. The MSc program is a two-year full-time program. You will have a maximum of four years from your program start date to complete all the degree requirements. Your prospective supervisor will be Dr. Gilad Gour.

At this time, we are able to offer you a minimum of \$24,288.82 of departmental funding for each of the first two years of your program.

Please let us know by March 9, 2018 whether you will accept or decline our offer of admission by [clicking on the "I will Accept" button on the "Accept/Decline" link under the "Admission?"](#)

Kuntal Sengupta, 2017 alumnus, got admission letter for M.S. from University of Calgary

Sougata Hanra, Suvam Das, Shaswata Chatterjee, Sunetra Bhattacharyya, students of Institute of Engineering & Management (IEM) have qualified for the grand finals of engiNX, 2018, flagship contest of TCS EIS&IOT happened annually. 70 thousand teams took part in the competition; they are among the top 5 teams all over India for the finals.



ENTREPRENEURSHIP

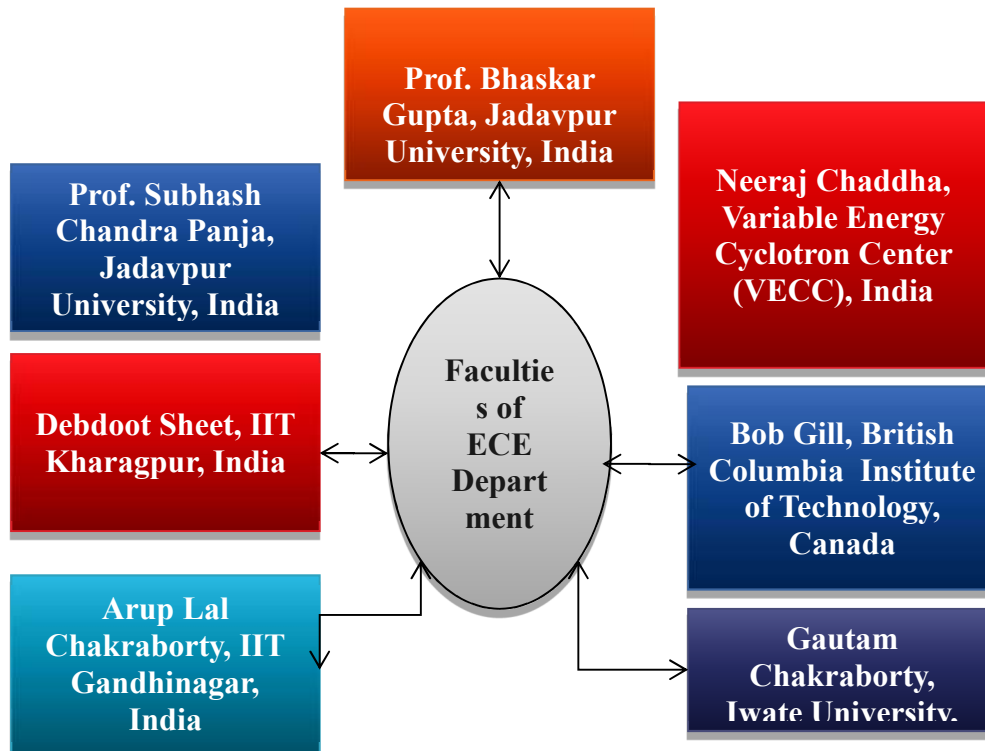
Kumar Sumit, Debarshi Das, Gaurav Tiwari, Kaunish Roy, Dwijendra Vats, ECE HOD Prof. Dr Malay Gangopadhyay, standing proudly along with their Innovative project - Electric Bicycle.



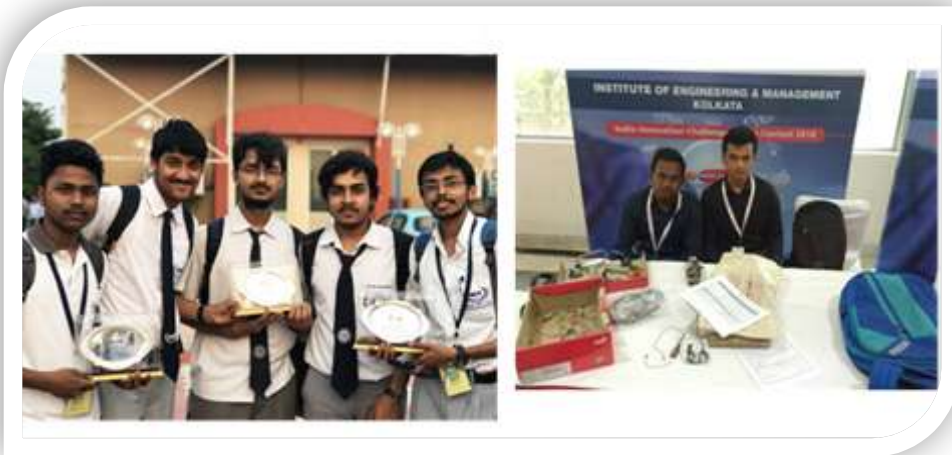
Key Highlights:

The students started their own start up named “Flamingo Electric Vehicles Llp”. They sell the Bicycle for approx Rs 15,000. They are planning to recycle old laptop batteries and bring down the costs further and helping the environment by recycling the batteries.

COLLABORATION AND MOU



Students of ECE Department developed a smart helmet system for Texas Instruments Challenge 2017 and qualified for the finals



FDPS/ DISTINGUISHED LECTURES ORGANISED

DATE: 06th-10th February, 2018

Target Audience: Faculty members of ECE Department



Glimpses of the FDP organized by Dept. of Electronics & Communication Engineering

On 6th February, 2018 the faculty members were addressed by Dr. Subir Kumar Sarkar, Professor of Jadavpur University. Prof. Sarkar delivered a talk on **Role of university- Industry Collaboration for the Development the Society**. He also talked about global scenario on this topic and present activates.

On 7th February, 2018 the faculty members were addressed by Dr. Chandana Bhattacharya, Scientific Officer, Variable Energy Cyclotron Centre. Prof. Bhattacharya delivered a talk on **Experimental nuclear physics facility and recent research activates**. Prof. Bhattacharya also talked about present research activates on *nuclear physics*.

On 8th February, 2018 the faculty members were addressed by Dr. Monojit Mitra Professor and Head, Electronics & Tele Communications, IEST, Shibpur . Prof. Mitra delivered a talk on **Hazards of EM Radiation**. He also talked about bad effect due to mobile phone radiation.

On 9th February, 2018 the audience was addressed by Prof. Satyaranjan Bhattacharyya Senior Prof. & Head Saha Institute Of Nuclear Physics. He delivered a talk on **Nuclear reactions around and below the Coulomb barrier involving unstable beams**. Prof. Bhattacharyya also gave an in dept concept on the topic.

On 10th February, 2018 Dr. Nilratan Bandyopadhyay Professor & Head, IEST, Shibpur addressed the faculty members and delivered a talk on **Nano-materials**. Prof. Nilratan Bandyopadhyay also gave idea on recent trends on nano material research activates.



Prof. Dr. Sanatan Chattopadhyay and Prof. Dr. Atanu Kundu were the Guests for the Seminar organized by IEEE EDS Students Chapter



Professor Tapan K. Sarkar College of Engineering & Computer Science, Syracuse University, USA delivered a lecture on “How to Radiate Maximum Energy from an Antenna “

Professor Magdalena Salazar-Palma Signal Theory and Communications Department, Charles III University of Madrid, Madrid, Spain delivered a lecture on “Analysis of the Improvement of Radiation Behavior for THz Devices”



IEM IEEE Distinguished Lecture series - Prof. Suprio Bandyopadhyay, Professor of the Department of Electrical and Computer Engineering, Virginia Commonwealth University, delivered his lecture on "Image Processing with dipole coupled nanomagnets".



Prof. Bhaskar Gupta, Professor, Jadavpur University, delivers a lecture on “Fundamentals of radiation” to the students

TRI MENTORING & ALUMNI INTERACTION



Gaurab Bhattacharya, Alumnus of the department (Batch of 2018) addressing the students.



Arundhuti Datta, alumnus of IEM (Batch of 2000) addressing the students addressing the students.



Parthajit Dholey, alumnus of IEM (Batch of 2016) addressing the students



The legendary Speaker Shiv Kherra at the IEM UEM function at Biswa Bangla Convention Center delivering his talk to students on 'Winners don't do different things. They do things differently'.



The audience was addressed by Mr. Barin Bhattacharya, Software Engineer of IBM Singapore. Mr. Bhattacharya delivered a talk on IBM manufacturing solution that mainly works on P server and Z server. He also talked on Cloud computing which is named as IBM hybrid cloud. Big data and Automation.

The audience was addressed by Mr. Avik Bhattacharya, Software Engineer of Ixia. He delivered a talk on Modern Networking Trends (with focus on Automotive/Industrial Ethernet and Hyper-scale Data Centers).



Departmental faculties mentoring the students

PLACEMENT

Pass Out Batch Year	Batch Strength	Students opting out of the Placement process	Number of Students Not eligible for Placement	Number of Students Placed till 15th Aug,2018	Total Number of offers received by Placement Seeking Students	Maximum Package	Average Package
2018	214	18	25	140 (till 08.08.2018)	148 (till 08.08.2018)	8.25 LPA	4.45 LPA
2019	225	13	31	6 (till 08.08.2018)	6 (till 08.08.2018)	7 LPA	7 LPA

INFORMATION TECHNOLOGY

Department Statistics:

Student Strength: 574

Year of Establishment: 1999

Objectives

To produce “*Creators of Innovative Technological Solutions*” who shall contribute towards the advancement of engineering, science and technology to benefit the nation.



GOALS AND PLANS FOR NEXT YEAR

Planning to conduct eHaCON2019 for the researchers and hackers around the world to participate in this three-day series of informative workshops, invited talks, paper presentations and hacking coding competition on 18th ,19th and 20th July 2019.

MILESTONE EVENTS

eHaCON 2018

International Ethical Hacking Conference Organized by Department of Information Technology, Institute of Engineering & Management, Kolkata on APRIL 6 – 7, 2018. The aim of conference was to give an open platform where people can discuss the implication of new technologies for secured society. eHaCON 2018 is a balanced mix conference consisting of technical paper presentations, live demonstrations, workshops and coding competitions on hacking.



CODING COMPETITION

As a curtain raiser to eHaCON 2018, the ethical hacking conference began with the online Hacking coding competition called “De-Cipher” based on cryptanalysis or code breaking. It was a 2-day online coding competition held on 31st Mar and 1st Apr, 2018 with 120 participating teams and more than 250 competitors across the globe.



Coding Competition ‘De-Cipher’ Winner 1

Coding Competition 'De-Cipher' Winner 2



BM- AEGIS (SCHOOL OF DATA SCIENCE) Meet-up on Data Science & Big Data

Date: 8 Feb 2018, 2:30-5:30 p.m.

Venue: SatyaSai Auditorium, IEM, Kolkata

Target Audience: Students & Faculty Members

The Seminar on Data Science and Big Data organized was by Prof. Moutushi Biswas Singh and Prof. Subhabrata Sengupta, Department of Information Technology, IEM, Kolkata, in collaboration with IBM-Aegis School of Data Science. The Meet-up was held on 8th Feb 2018 from 2:30-5:30 p.m. at the Satya Sai Auditorium, IEM, Kolkata and was attended by Faculties and Students.



RESEARCH, PUBLICATIONS AND CONSULTANCY

STATISTICS OF PUBLICATIONS (2017-2018):

Category	Number of research paper published
Conference	20
Journal	24

AWARDS & RECOGNITION ACHIEVED BY THE FACULTY

1. Dr. Mohuya Chakraborty's patent publication: "Silert: Automated involuntary silent alert self defense system" no. 201731007342 on 25/08/17.
2. One PhD awarded under WBUT - guided by Dr. Mohuya Chakraborty in Nov 2017.

AWARDS & RECOGNITION ACHIEVED BY THE STUDENTS

1. Team "The TechBots" represented by 4th year IT students Ankan Hore, Aniket Sen, Anisha Agarwal, Ankit Jhunjunwala, Divya Kiran, Medhajit Choudhury stood 5th in the Smart India Hackathon 2017, held on April 1-2, 2017. They received the Deloitte Innovation Award at the World's largest Hackathon organized by AICTE, under aegis of MHRD in collaboration with i4C, Persistent Systems Ltd., UGC, NASSCOM, Rambhau PrabhodiniMhalgi, SumaSoft Pvt. Ltd, Deloitte, ACM India, NIC, and MyGov.
2. Ankan Hore, Aniket Sen, Anisha Agarwal, Ankit Jhunjunwala, Divya Kiran, Medhajit Choudhury also submitted project proposal for implementation of the prototype developed during Smart India Hackathon 2017 organised by Ministry of AYUSH on 20th May, 2017.



IEM Team "**The TechBots**" interviewed by DD News after PM's speech.



Team IEM "**The TechBots**" at their workstation

3. Ashutosh , SubhamAgarwal, Shashank Singh, Pratik Patra stood 4th among 161 finalists in EYANTRA ROBOTICS COMPETITION organized by IIT Bombay on 7-8 April, 2017.
4. Tapobrata Mukherjee of IT 3rd yr. **ranked 22 at Kaggle**: the world's best platform for machine learning competitions.
5. Tapobrata Mukherjee and Amritayan Banerjee of IT 3rd yr participated in the National Students' Space Challenge by IIT Kharagpore on September, 2017. They secured **1st position** in one event, and **2nd** in another, while both the events were on **Autonomous Robotics**.



ENTREPRENEURSHIP

Ashutosh Kumar (2016 passed out) started a **start-up** named **SWAPT** in 2017.

COLLABORATION AND MOUS

- Aizu University , Japan
- Bulgarian Academy of Science, Sofia, Bulgaria
- Calcutta University, India
- Central University, India

FDPS/ DISTINGUISHED LECTURES ORGANISED

FDP:

An FDP on Data Sciences and Cyber Security was organized on 22nd June 2017 and 18th,19th, 21st July 2017 from 10 a.m.-5 p.m.by Prof. Dr. Mohuya Chakraborty, Head of the Dept. of Information Technology.

Seminars, Workshops & Trainings:

A number of Seminars, Workshops, Training Programmes, Orientation Programmes relating to Big Data, Coding, GATE etc were organized for the students of the It Dept. Details are given below:

SL NO	Organizing Institute	Name	Date	Attended By
1	IT, IEM	Seminar on ASP.NET using c#	June 2017	3rd Year IT
2	IT, IEM	Seminar on BIG DATA	June 2017	3rd Year IT
3	IT, IEM	Seminar on Cloud Computing	December 2017	3rd Year IT
4	IT, IEM	Training for Google CodeJam contest	June 2017	3rd Year IT
5	IT, IEM	Coding workshop for Code Ninja	June 2017	3rd Year IT
6	IT, IEM	Coding workshop for Code Vita	July 2017	3rd Year IT
7	IT, IEM	Workshop for e-litmus exam	July 2017	3rd Year IT
8	IT, IEM	Workshop for AMCAT	Aug 2017	3rd Year IT
9	IT, IEM	Workshop for GATE exam	Aug 2017	3rd Year IT
10	IT, IEM	General Aptitude workshop	Aug 2017	3rd Year IT
11	IT, IEM	TechMahindra	May	3rd Year, IT

		Orientation Programme	2017	
12	IT, IEM	Department Level Aptitude Exam	Aug 2017	Current 4th Year, IT
13	IT, IEM	Placement Grooming Session	Aug 2017	Current 4th Year, IT
14	IT, IEM	Mock Interview Session	Aug-Sep 2017	Current 4th Year, IT
15	IT, IEM	Aptitude workshops and exams	Aug-Sep 2017	Current 3rd Year, IT
16	IT, IEM	Mock Interview and Placement Grooming	Nov 2017	Current 3rd Year, IT
17	IT, IEM	PYTHON and Competitive Coding	11th Sep 2017	Participants of IEMCO November challenge, 2017
18	IT, IEM	PYTHON and Competitive Coding	29th Oct 2017	Participants of IEMCO November challenge, 2017
19	IT, IEM	PYTHON and Competitive Coding (Prelim and Intermediate)	Oct 10 – Oct 18, 2017	Participants of IEMCO November challenge, 2017 Prelim: 39; Intermediate: 15
20	IEEE-IEM Communication Society(ComSoc)- Student branch Chapter	Cryptanalysis	13 Mar2018	Students from IT, CSC, ECE of IEM, Kolkata
21	IEEE-IEM Communication Society(ComSoc)- Student branch Chapter	Breaking the code	Feb 2018	Students from IT of IEM, Kolkata
22	IEEE-IEM Computational Intelligence Society- Student branch Chapter	De-Cipher Coding Competition	1 st Mar,2018	Online coding Competition
23	Distinguished Lecture Series by Dept. Of IT, IEM	Brain Computer Interface (by Dr. Anisha Halder Saha)	25 th July, 2018	Students of 3 rd year IT
24	Distinguished Lecture Series by Dept. Of IT, IEM	Wireless Communication Current Trends (by Dr. Bharat Gupta)	31 st July, 2018	Students of 2 nd year IT
25	Distinguished Lecture Series by Dept. Of IT, IEM	Multi Robot Co-ordination using Differential	7 th August, 2018	Students of 3 rd year IT

Evolution(by Dr. Pratyusha Rakshit)				
26	Distinguished Lecture Series by Dept. Of IT, IEM	Fuzzy Systems (Dr. Sriparna Saha)	8 th August, 2018	Students of 2 nd year IT

Initiation of Student Chapter

1. IEEE-IEM Communication Society (ComSoc)- Student branch Chapter on 16th February, 2018
2. IEEE-IEM Computational Intelligence Society- Student branch Chapter, CSI Student Chapter on 15th March, 2018.

PLACEMENT

Placement Statistics for the Department								
Odd Semester: 2018-19								
Pass Out Batch Year	Batch Strength	Students opting out of the Placement process	Number of Students in Startups	Number of Students Not eligible for Placement	Number of Students Placed till 15th Aug,2018	Total Number of offers received by Placement Seeking Students	Maximum Package	Average Package
2018	129	2	2	71	79	79	39.74	11.1

MECHANICAL ENGINEERING

Department Statistics:

Year of Establishment: 2013

Objectives

To produce graduates who, within three years of graduation, are able to:

- A. be employed as a practicing engineer in fields such as design, research, development, testing, manufacturing, operations and service systems;
- B. assume positions of leadership and responsibility within an organization; and
- C. progress through advanced degree or certificate programs in engineering, business, and other professionally related fields.

A hand is shown holding a large gear, with a series of smaller gears trailing off into the distance, creating a sense of motion and engineering. The background is a blurred industrial setting.

Mechanical Engineering

GOALS AND PLANS FOR NEXT YEAR

- The primary goal over the next few years is to enhance the learning experience through newer teaching methodologies.
- We have also started to race for accreditation.
- We aspire to increase the percent of placement. Thus by being a centre of excellence, we wish to produce dignified and talented graduates.

NEW ADDITIONS

A Product Showcase facility has been set up in the Department in partnership with HVAC industries of India. The facility is the only of its kind to provide training to engineers and technicians.

The following products are available for showcase as on date:

1. Aerofoam NBR rubber insulation tubes
2. Fiberglass insulation
3. Aa Duct liner
4. K-Flex St tube insulation
5. Aerofoam polyolefin insulation tubes and sheets
6. Silent floor
7. Reversible Energy Regeneration Ventilator
8. Thermostatic Expansion Valve
9. MPCB
10. Servo Motor
11. Pressure Control Switch
12. Negative Temperature Coefficient Sensor
13. Solenoid Valve
14. Solenoid Coil
15. Smoke Sensor
16. Liquid Indicator
17. Air Filter
18. Duct Units
19. Air Terminals (Grilles)
20. Brazing apparatus with all necessary accessories
21. Various other HVAC components.



Product Showcase

MILESTONE EVENTS

ISHRAE Job Junction

ISHRAE Job Junction was held on 6th November to 9th November 2017 at IEM, Kolkata. It provided a forum for 125 students to compete for jobs in the area of HVAC (heating, ventilation and air conditioning). Eleven major recruiters, which included names such as DAIKIN, Paharpur Cooling Towers, Blue Star, Voltas and others turned up for the mega job fair.



ISHRAE Job Junction 2018

Additive Manufacturing Symposium

A national symposium on 'Additive Manufacturing' was organized by the Department on 21st April 2018. It featured experts from academia across the country. The list includes Dr. Cheruvu Kumar, Indian Institute of Technology, Kharagpur, Dr. Amit Roy Chowdhury, Indian Institute of Engineering Science and Technology, Shibpur, Howrah, Dr. Subhais Bhaumik, Indian Institute of Engineering Science and Technology, Shibpur, Howrah, Dr. Shibendu Shekhar Roy, National Institute of Technology, Durgapur, Dr. Kalyan Das, Institute of Post Graduate Medical Educational and Research and Seth Sukhlal Karnani Memorial Hospital, Kolkata.



Symposium on Additive Manufacturing

3DP Olympiad

An international competition, the first of its kind in India, on 3D modeling and printing was held by the Department from January 2018 to April 2018. The contest generated substantial response from across the globe drawing participants from Europe and Australia. The jury committee of 3D Printing Olympiad decided on the winner and gave away awards worth USD 1400.

Winner's cheque



RESEARCH, PUBLICATIONS AND CONSULTANCY

STATISTICS OF PUBLICATIONS (2017-2018):

Category	Number of research paper published
Conference	9
Journal	3

AWARDS & RECOGNITION ACHIEVED BY THE FACULTY

1. Prof Rahul Baidya has been invited as an international scientific committee member of International Conference on Construction, Aviation and Environmental Engineering (ICCAE 2018) to be held in Vanung University, Taoyuan City, Taiwan
2. Prof Rahul Baidya was invited as a resource speaker for capacity building programme on waste management rules 2016 Workshop by NPC, Government of India and Bhubaneswar Municipal Corporation on 3rd January 2018 at Bhubaneswar
3. Prof Rahul Baidya was awarded IconSWM -Springer Excellent Paper Award – 2017 : in, the 7th International Conference on Solid Waste Management, Hyderabad, India, at Professor Jayashankar Telangana State Agricultural University, for the paper “Blast Furnace Flue Dust Co-processing in Cement Kiln – A Pilot Study”.
4. Prof Rahul Baidya was invited as a resource speaker for capacity building programme on waste management rules 2016 Workshop by NPC, Government of India and Ranchi Municipal Corporation on 24th August 2017, at Ranchi
5. Prof Gunjan Kumar was appreciated by Indian Society of Heating, Refrigerating & Air-conditioning Engineers (ISHRAE) for his contribution for student activity and conferred the status of core working committee member for the year 2017-2018
6. Prof Gunjan Kumar was appreciated by Indian Society of Heating, Refrigerating & Air-conditioning Engineers (ISHRAE) for his contribution for student activity and conferred the status of National Student Activity Committee Member for the year 2018-2019

AWARDS & RECOGNITION ACHIEVED BY THE STUDENTS

1. **aQuest 2018:** Sagnik Maity (4th yr.) and Riazul Haque (4th yr.) finished 2nd runner-up of aQuest 2018 national finals held at BIEC, Bangalore on 22nd February to 24th February 2018. Sagnik Maity (4th yr.) and Riazul Haque (4th yr.) were winners of aQuest 2018 semifinals held at Rabindra Tirtha on 18th January 2018. Sourav Sarkar (4th yr.) and Aman Sultania (4th yr.) ended up runner-up in the same event. Saurav Kumar (3rd yr.) and Ramesh Kartik (2nd yr.) won the aQuest 2018 Zonal finals held at Rabindra Tirtha on 17th January 2018. Swaraj Samanta and Gaurav Kumar Jha finished second runner-up in the same event. aQuest is a national technical annual quiz competition sponsored by the HVAC industry in India.



aQuest 2018 Semifinal

aQuest 2018 Final



2. **RACON 2017:** A team of students comprising Shounak Das, Md. Shakib Rahi, Shubham Barnwal and Ramesh Kartik were awarded the first prize in the category of 'Sustainable Building Design' in RACON 2017 (the largest HVAC conference in eastern India) at Swissotel, Kolkata on 16th and 17th December 2017.



RACON 2017

3. **ISPG Grant:** ISPG (ISHRAE Student Project Grant) is a grant of funds to a full-time graduate student of ISHRAE Student Chapters in HVAC&R related technologies. The following teams received the project grants.

S.No.	MEMBERS	TOPIC	FUNDING RECEIVED
TEAM 1	1.Rajdeep De (Leader) 2.Raj Kamal 3. Rahul Kumar 4. Subhrasish Pal	“Evaporative cooling system with desiccant dehumidification for road transportation of fruits & vegetables.”	45,000 INR
TEAM 2	1.Rohan Lal Kshetry (Leader) 2.Riazul Hoque 3.Sagnik Maity 4.Ritabrata Dalui	“Stenocara Water Harvester.”	50,000 INR

COLLABORATION AND MOUS

The Department signed a Memorandum of Understanding was with ISHRAE-Kolkata for

- Active collaboration between ISHRAE and IEM to establish an HVAC showcase
- Help the student community to have updated information on HVAC&R techniques and industrial exposure
- Charting careers in the HVAC&R sector of the industry leading to job placements in the industry

The MOU was signed by the office bearers of ISHRAE & IEM Kolkata in the presence of Prof. Tapobrata Bhattacharya (HOD, Mechanical Dept., IEM Kolkata) and Prof. Gunjan Kumar (Student Activities Chair, ISHRAE Kolkata & Faculty Advisor, ISHRAE-IEM)



Signing of MOU with ISHRAE Kolkata

FDPS/ DISTINGUISHED LECTURES ORGANISED

1. Mr. Sujoy Dutt (Voltas Ltd.) delivered a talk on “Psychometric Processes” on 23rd April 2018.
2. Mr. Uttam Bag (Voltas Ltd.) delivered a talk on “Heat Load Calculation for HVAC Systems” on 23rd April 2018.
3. On 5th August 2017, the following technical sessions were held :
 - a. “Central Plant Engineering” by Mr. Supratim Mukherjee, Trane India.
 - b. “Importance of Insulation in HVAC System” by Mr. Sumit Das, Armacell India.
 - c. “Overview of VRV System” by Mr. Avik Roy, Daikin India.
 - d. “Building Automation System” by Mr. Kaushik Bhattacharya, Honeywell India.



Sujoy Dutt delivers talk on Psychrometry



Uttam Bag speaks on heat load computation



Avik Roy speaks on Overview of VRV systems

Supratim Mukherjee on Central Plant Engineering



PLACEMENT

Pass Out Batch Year	Batch Strength	Students opting out of the Placement process	Number of Students in Startups	Number of Students Not eligible for Placement	Number of Students Placed till 15th Aug, 2018	Total Number of offers received by Placement Seeking Students	Maximum Package	Average Package
2018	69	1	1	1	30	43	5 Lakhs	3.4 Lakhs

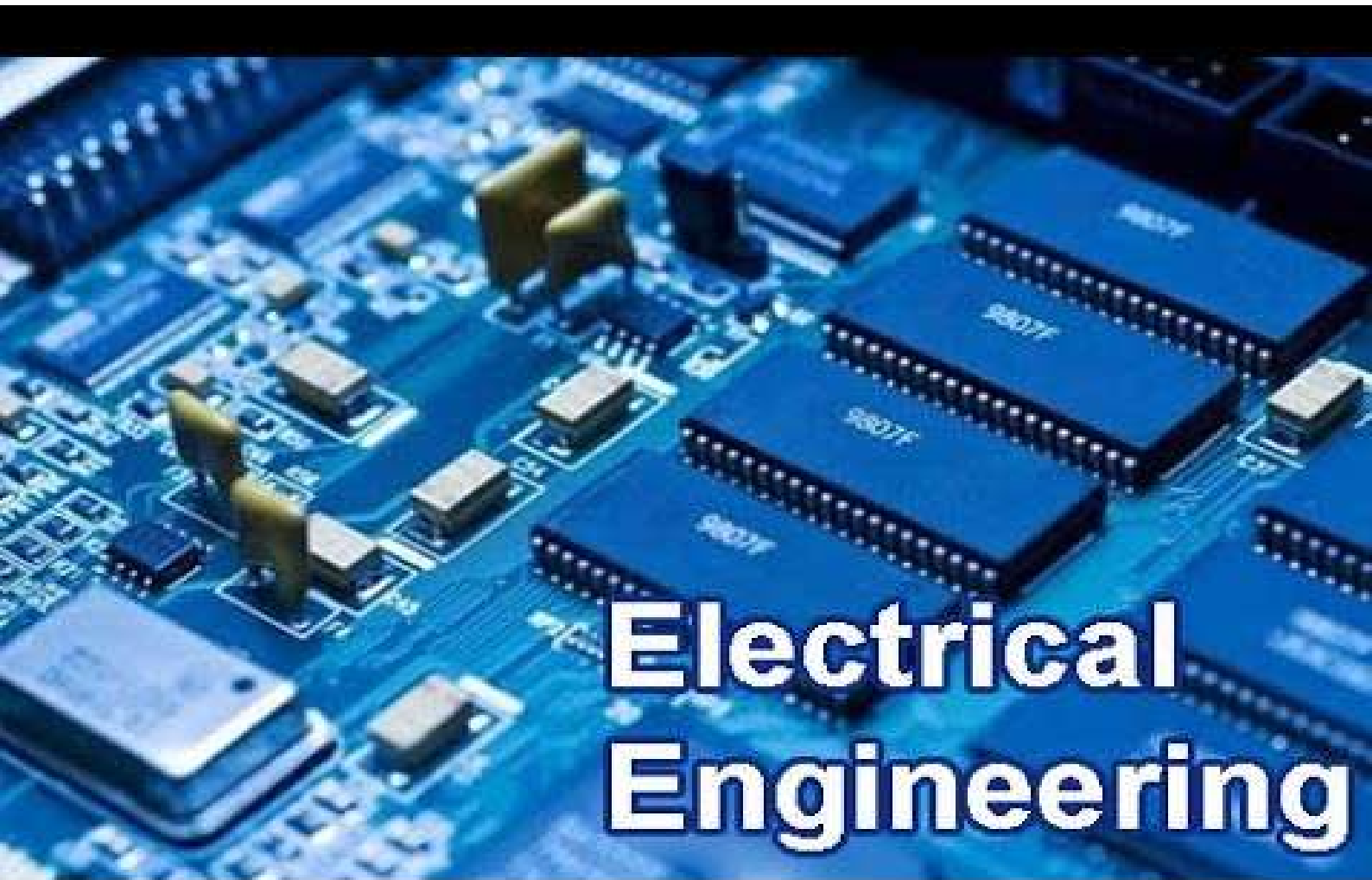
ELECTRICAL ENGINEERING

Department Statistics:

Student strength	357
Year of establishment	2013

Objectives

1. To produce EE graduates having strong foundation in mathematics, science, basic engineering and management in order to develop seamless knowledge for providing solution to any industrial problem
2. To equip the students with the knowledge on theory, practice and design of core areas of EE in order to develop & maintain modern electrical equipments and to actively take part in application based research and development.
3. To train the students with practical exposure to test and verify the characteristics of common electrical equipments / machines / control system and to develop the skill to analyse, appreciate and interpret the data for engineering applications
4. To inculcate professional and ethical attitude, communication and team work skills and the ability to relate engineering issues from broader social perspective for truly contributing to the needs of the nation.



Electrical Engineering

GOALS AND PLANS FOR NEXT YEAR

- More students should join higher studies in national and international institutes of repute directly after finishing the program.
- To become centre of excellence in research in the following focused areas – VLSI, Antenna Design, Material Science, etc.
- To develop interaction with different institute and industries for research and consultancy
- Maximum faculty up gradation.

NEW ADDITIONS



1. Purchase of Chopper fed D.C. drive from Hertz power control for Electric drives laboratory

2. New Purchase of MATLAB software for Control system Laboratory.

3. New Purchase of ETAP software for Power system Laboratory.

TAX INVOICE (Original)

ELMAX SYSTEMS & SOLUTIONS
 ATT: Lakh Gardens - Ground Floor
 Kolkata - 700045
 E-Mail : accounts@elmaxsystemsandsolutions.in

Invoice No: 006/2017-2018
 Date: 23-May-2017
 Delivery Note: M/04/Terms of Payment
 Supplier's Ref: Other Reference(s)

Consignee: Institute Of Engineering And Management
 120 SCF - Salt Lake Electronics Complex
 Kolkata-91

Buyer (if other than consignee): Institute Of Engineering And Management
 120 SCF - Salt Lake Electronics Complex
 Kolkata-91

Sl No	Description of Goods	Quantity	Rate	per	Disc. %	Amount
1	MATLAB (Latest Version) (Software) Master License No. 31238173 License No. 40573820	10 QTY	19,800.00	QTY		1,98,000.00
2	SIMULINK	10 QTY	9,900.00	QTY		99,000.00
3	Control System Toolbox	5 QTY	10,885.00	QTY		54,425.00
4	Simscape	5 QTY	10,885.00	QTY		54,425.00
5	Simscape Electronics	5 QTY	10,885.00	QTY		54,425.00
						4,90,275.00
	OUTPUT @ 5%				5 %	23,013.75
	SERVICE TAX @15%					69,041.25
	Total	35 QTY				IF 5,52,330.00

Amount Chargeable (in words): INR Five Lakh Fifty Two Thousand Three Hundred Thirty Only

Company's VAT TIN: 19621595628
 Company's CST No.: 19621595628
 Company's Service Tax No.: ACNPC99250SD001
 Company's PAN: ACNPC99250

Declaration: We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

for ELMAX SYSTEMS & SOLUTIONS

SUBJECT TO KOLKATA JURISDICTION
This is a Computer Generated Invoice

INSTITUTE OF ENGINEERING & MANAGEMENT
 120, 121F BUILDING, SALT LAKE ELEC. COMPLEX
 KOLKATA-700091

Purchase Order

Name of Supplier: Saha Scientific Software Solutions Pvt.Ltd.
 Address: 22/1, 27 Floor, Harekar Chatterjee, 85, Nehru Place, New Delhi-110091
 Contact Person: Order No: 02/06/2017
 Quantity No: 1

Sl. No.	Description	Qty	Unit Price	Amount (Rs.)
1	ETAP Modbus 1.1.1 30 Run 7 Minutes Add On module	10 Run		27000.00
2	Dr. load flow module	5 Run		9000.00
3	Renewable analysis (New Renewable energy - Wind & Solar Power System) Capable	5 Run		10000.00

Terms & Condition
 Terms of Payment: Submission of final bill.
 Tax & Invoice: As Applicable.
 Delivery: As Applicable.

Authorized Signatory
 M/S Saha Scientific Pvt. Ltd.

4. Ceramic Flooring laid in all Electrical laboratories for maintaining cleanliness.



MILESTONE EVENTS

Technological Awareness Programme

Invited speakers from: Power System Operation Corporation (GOI) & IEST Shibpur

On April 28, 2018 eminent speakers from POSOCO, Kolkata and academicians from IEST Shibpur were present to enlighten the students on “Power Grid Management in India”.



Mr. Pritwish Mukhopadhyay, Executive Director, POSOCO, Kolkata, Prof. Dr. Gautam Bandyopadhyay, IEST Shibpur and other officers of POSOCO along with faculties of IEM

Site Visit at Anthropological Survey of India

VENUE: - Anthropological Survey of India, Eastern Regional Centre, Kolkata



ENGINEIOUS 2K17

ENGINEIOUS 2k17 happens to be the flagship event of the IEI IEM Students' Chapter: On 14th and 15th of September, on the occasion of Engineers day.



Technical Talk On “Electrical Switchgears and Drives”

Date: - 7th April, 2018

Venue: - ISHRAE Kolkata Office, Ballygunge, Kolkata.

Speakers:- Mr. Piyush Jain, Branch Head- Sales (Kolkata branch) of L&T Electrical & Automation Ltd., Subhro Chakraborty, L&T and Surojit, L&T.



Technical Talk on Heat Load Calculation

On 23 April, 2018 ISHRAE-IEM Student Chapter, in collaboration with ISHRAE Kolkata Chapter conducted a technical talk which helped the participants to enrich the knowledge about an important HVAC area –heat load calculation.



Technical Session On “Energy Efficient System Design and Equipment Selection”

About the Speaker: The technical session was delivered by ISHRAE’s Distinguished Lecturer and President Emeritus, Mr. Manoj Chakraborty, who is a very renowned HVAC consultant and authority.

Location and timing: The technical talk was organized by ISHRAE Kolkata Chapter at the ISHRAE Kolkata office on 30th of June, 2018 at 3:30 P.M IST.



Report on Technical Seminar On “Hilti Anchor Systems and Passive Firestop Solutions”

Venue: ISHRAE Kolkata Office, Ballygunge, Kolkata

Timing: 28th July, 2018 from 3 PM to 5 PM

Gathering: The seminar was presented by Mr.Utkarsh Pandey, Mr.Shounak Mitra, Ms.Jayita Das and Mr. Santosh Mahakund from HILTI Corporation. The seminar was attended by 3 Students from ISHRAE IEM Student Chapter. Engineers from Voltas Ltd, Sterling & Wilson also attended the seminar.



Technical Session on “Cold Chain Technology”

About the Speaker: The technical session was delivered by ISHRAE’s Distinguished Lecturer, Mr.Prabir Kumar Sen, who is a very renowned HVAC consultant and has immense experience of 44 years in HVAC field having worked for various companies across the globe.

Location and timing: The technical talk was organized by ISHRAE IEM Student Chapter at the IEM Management House on 1st of August, 2018 from 2:30 PM to 4:30 P.M IST.



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 9th August, 2018 at Institute of Engineering & Management, Kolkata. The session began with welcoming and felicitation of the guests of honour. The Guests present were, **Mr. Debashish Nandi** (CESC & ISHRAE Member), **Prof. Tapobrata Bhattacharya** (HOD, Mechanical Engineering), **Prof. Tapas Kumar Dutta** (HOD, Electrical Engineering)



Technical Talk on Achieving Excellent Cop For Central AC Plant

The CWC Installation ceremony was followed by a technical session. The talk was delivered by **Mr. Prateek Dutta Roy** (Technical Chair, ISHRAE Kolkata and Chief Engineering Manager, L&T) on “Achieving Excellent COP for Central Air Conditioning Plant”.



Technical Talk On “Latest Trends in Modern Cold

Storage Construction”

VENUE: ISHRAE KOLKATA OFFICE, Ballygunge, Kolkata

TIMING: 24th August 2018, 5:30 to 8:00 PM

GATHERING: The session was conducted by DGM Lloyd, Mr. A. S. Choudhary, and attended by 22 students from ISHRAE IEM Student Chapter. The technical talk was dedicated for the preparation of REFCOLD INDIA GLOBAL POSTER COMPETITION.



Technical Talk on refrigeration And Air Conditioning of Transporting Vehicles

Venue: ISHRAE Kolkata Office, Ballygunge, Kolkata – 700019

Timing: 25th August 2018, 3:40pm to 6:30pm

Gathering: The session was conducted by Mr J K Nanda. It was attended by 5 students of ISHRAE IEM Student’s Chapter. Employees from Voltas Limited were also present. Students from other colleges were also a part of the audience.



AC and Refrigeration Tech Conclave

Date: - 24th August, 2018

Venue: - Hotel Novotel, Kolkata.

Speakers:- Mr. Ashish K Jain, Aeon Integrated Building Design Consultant LPP, Mr D. Nandy, Consultant, Crescent Power Limited, Mr. S K Paul, Director of Nicco Engineering Services, Mr. Mihir Das, Consultant Engineer GEF Solutions, Mr. Prateek Dutta Roy, Chief Engineering Manager, L&T, Mr. G. C. Modgil, Chairman, Sterling India Consulting Engineers.



RESEARCH, PUBLICATIONS AND CONSULTANCY

STATISTICS OF PUBLICATIONS (2017-2018):

Category	Number of research paper published
Conference	10
Journal	3

AWARDS & RECOGNITION ACHIEVED BY THE FACULTY

1. **Prof. Ranijta Chowdhury** received appreciation letter for best teaching performance in the academic year 2017-18.
2. **Prof. Rajat Shubhra Pal** received appreciation letter for best Departmental activity in

the academic year 2017-18.

3. **Prof. Somnath Hazra** received appreciation letter for best overall performance in the academic year 2017-18.
4. **Mr. Swapan Saha Chowdhury** received appreciation letter for best teaching performance in the academic year 2017-18.
5. **Mrs. Dipanwita Bhattacharya** received appreciation letter for best teaching performance in the academic year 2017-18.

AWARDS & RECOGNITION ACHIEVED BY THE STUDENTS

Sl No.	Name of the Student	Award	Awarding Authority	Dated On.
1	RAVI KUMAR RANJAN	STOOD 3 RD IN NPTEL EXAM	NPTEL	Oct'2017
2	ABHISHEK KUMAR	Ambassador of National Student's Space Challenge 2017	IIT Kgp	1 st – 3 rd September
3	RIYA BHATTACHARJEE	ISHRE Student Membership of Kolkata Chapter	ISHRE	Society Year 2018-19
4	ARNAB SHEE	Certificate Course on Control Engineering	NPTEL	Jan-April 2018
		Certificate Course on Power System Analysis	NPTEL	Jul-Oct 2018
		2 nd Position in Technovation Event on AC Power Controller System	IEM	14-15 th September
		3 rd Prize for Poster Presentation	ISHRE	17 th Feb 2018

Control engineering

Course	Instructor	Certificate Type	Score distribution	Toppers list
Control engineering - Toppers list				
Top 1 % of Certified Candidates				
				
ANIKET ARVIND KHANDEKAR 96%	GAURAVI PORE 94%	RAVI KUMAR RANJAN 93%	RAJALAKSHMI SAMAGA B L 93%	
ZEAL COLLEGE OF ENGINEERING AND RESEARCH	DEFENCE INSTITUTE OF ADVANCED TECHNOLOGY	INSTITUTE OF ENGINEERING & MANAGEMENT	CANARA ENGINEERING COLLEGE	
Top 2 % of Certified Candidates				
				
RAHUL VITTHAL VAGHOLI 92%	SHIVANI GARG 91%	SRAVAN KUMAR 91%	VAGEESH KUMAR GUPTA 88%	HONEY DEVASSY 87%
RAJARAMBAPU INSTITUTE OF TECHNOLOGY	MEERUT INSTITUTE OF ENGINEERING & TECHNOLOGY	GUDLAVALLERU ENGINEERING COLLEGE	MADAN MOHAN MALAVIYA UNIVERSITY OF TECHNOLOGY	NSS
				
MAINAK SANYAL 87%				
INSTITUTE OF ENGINEERING & MANAGEMENT				
Top 5 % of Certified Candidates				
				

FDPs/ Distinguished Lectures Organised

Date- 05.01.2018

Venue- Language Lab, Management House

Faculty development programme has been scheduled for the following days, schedule of which has been given below. All faculties are requested to attend the programme.

Date	Time	Speaker	Topic
09.01.2018	4.00-5.00 P.M	Prof. (Dr.) Sujit Kumar Biswas <i>Former Head, Professor, Electrical Engineering Department, Jadavpur University Chairman, IEEE-Kolkata Section.</i>	Modern trends in Industrial Electrical Drives System
11.01.2018	4.00-5.00 P.M	Prof. (Dr.) RanjanGanguly <i>Professor,Power Engineering Department, Jadavpur University;Adjunct Associate Professor, University of Illinois , Chicago</i>	Surface Micro fluidics for low cost point of care diagnostics devices: A game changer in health care industry.



Surface micro-fluidics for low-cost point-of-care diagnostics devices: A game changer in the healthcare industry

Placement

Pass Out Batch Year	Batch Strength	Students opting out of the Placement process	Number of Students in Startups	Number of Students Not eligible for Placement	Number of Students Placed till 05th Sept, 2018	Total Number of offers received by Placement Seeking Students	Maximum Package	Average Package
2019	130	11	None	23	2	2	4 LPA	3.68 LPA



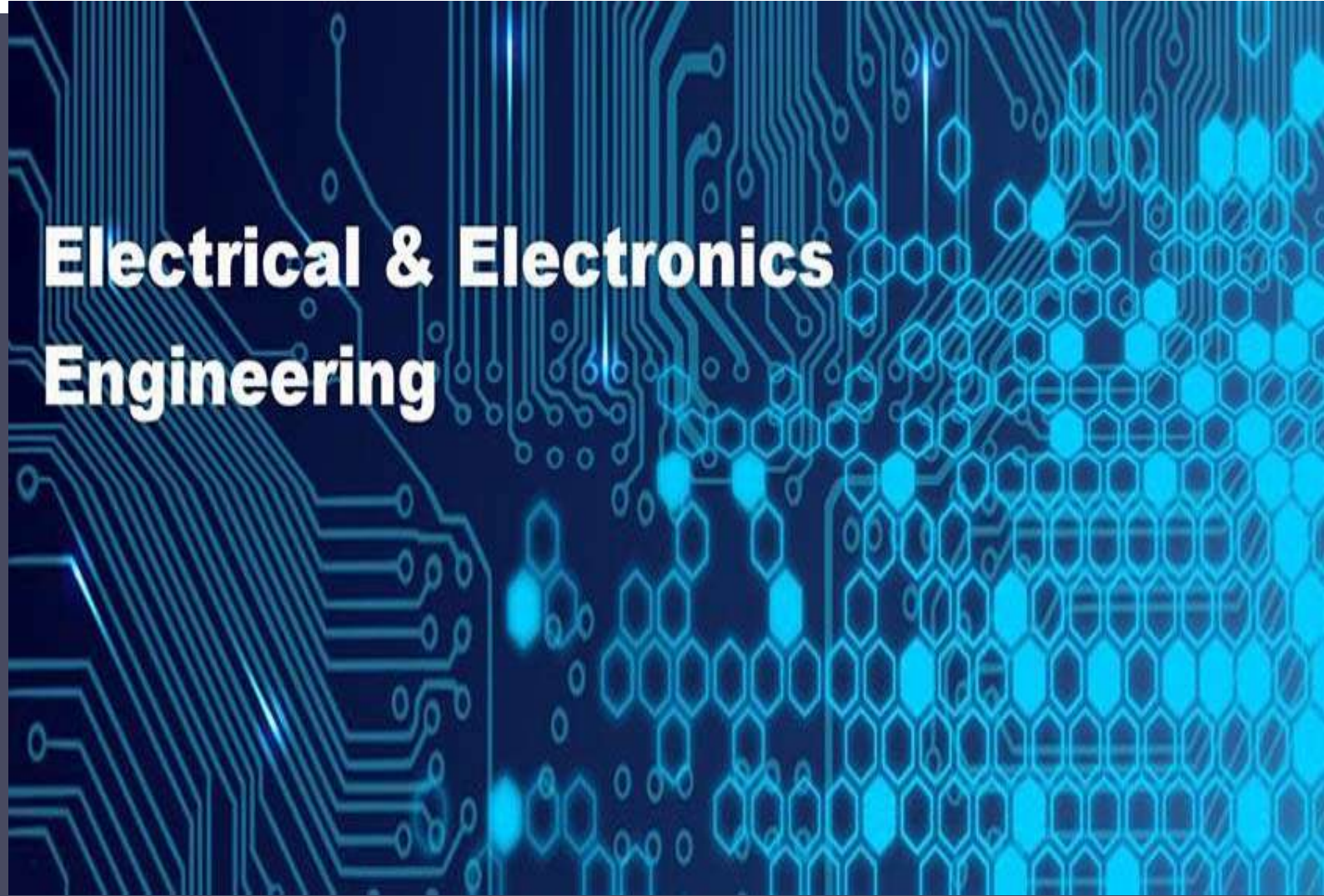
ELECTRICAL & ELECTRONICS ENGINEERING

DEPARTMENT STATISTICS

Student strength	178
Year of establishment	2015

Objectives

To produce comprehensively trained, socially responsible, innovative engineers and researchers of highest quality to contribute to the nation's imprint on the world stage.

The background of the slide is a dark blue field filled with glowing, light blue circuit board traces and hexagonal patterns, creating a high-tech, digital aesthetic.

Electrical & Electronics Engineering

GOALS AND PLANS FOR NEXT

- To motivate faculties to adopt latest techniques in teaching and learning process
- To encourage II and III year students to attend more number of inplant training
- To encourage students to participate in various technical contests Plan for 100% placements To upgrade laboratories for research activities

MILESTONE EVENTS

IEEE CCWC Conference 2018

Date – 8th – 10th January 2018,

Venue – University of Nevada Las Vegas, USA

The 8th IEEE Annual Computing and Communication Workshop and Conference (IEEE CCWC) have participation of around 40 countries worldwide with more than 300 researchers/academicians/industry representatives and students. This conference is financially and technically sponsored by IEEE USA, IEEE Las Vegas Section, IEEE Region 6, University Of Nevada Las Vegas, Institute of Engineering Management (IEM) & University of Engineering Management (UEM).



Seminar on “Recent Technologies Adopted by CESC (Calcutta Electric Supply Corporation)”

Venue: IEM Management Campus (Auditorium)

Date: 5/May/2018 Time: 9:30a.m.

Speaker(s): Mr. Susovan Patra (DGM, CESC, Kolkata)

The main objective of the seminar was to aware students about the Recent Technologies Adopted by CESC. The session began with Mr. Susovan Patra, DGM, Calcutta Electric Supply Corporation. He begins the session with the introduction of recent work culture in CESC. The detailed practical knowledge about the system involved in electrical supply was introduced to the students.



Workshop on "Introduction to IOT"

Venue: IEM Management Campus (Auditorium)

Date: 19/Feb/2018 Time: 9:30a.m.

Speaker(s): Mr. Praveen Baheti (Founder and Managing Director, Alien Brains Pvt. Ltd.)

The main objective of the seminar was to introduce students with M2M communication and its relevance to automation on large scale in industry. During the session students have developed sensor circuits with OP-Amps and Transistors as hands on session regarding Arduino Programming.



Seminar on "Current and Future Trends in Mobile Communication"

Venue: IEM Management Campus
(Auditorium) Date: 13/Feb/2018

Time: 9:30a.m.

Speaker(s): Dr. Kaushik Ray (IDEA, Cellular Limited, Kolkata)

The session began with Dr. Kaushik Ray from IDEA, Cellular Limited, Kolkata. During the seminar he talked about the theoretical aspects of the mobile communication system. Knowledge about BSC (base station controller) and MSC (mobile switching center) and ISP servers were given.



Seminar on "Software Engineering"

Venue: IEM Management Campus (Seminar Hall)

Date: 9/March/2018

Time: 9:30a.m.

Speaker(s): Dr. Detlef Streitferdt, Faculty, Department of Software Architectures and Product Lines Group, Ilmenau University of Technology, Germany

The main objective of the seminar was to introduce students with "Software Technology". The session began with speaker Dr. Detlef Streitferdt, from Ilmenau University of Technology, Germany. He is working as a faculty in the Department of Software Architectures and Product Lines Group. This session introduce the students with the new trends in Software Engineering and the application of engineering to the development of software in a systematic method.



Seminar on “Power Electronics and Electrical Drives”

Venue: IEM Management Campus (Auditorium)

Date: 12/April/2018

Time: 9:30a.m.

Speaker(s): Dr. Sujit Kumar Biswas (Chair, IEEE KOLKATA Section)

The main objective of the seminar was to introduce “Power Electronics and Electrical Drives” to the students. It basically dealt with control, conversion and conditioning of electrical power and evolution of power electronics over the years.



Seminar Organized:

SL. NO.	Organizing Institute	Topic Name	Date	Attended By
1	IEM Kolkata	Industrial Automation	December 2017	IEM Students and Faculty
2	IEM Kolkata	Intel IOT	January 2017	IEM Students and Faculty

Conference Organized:

SL NO	Organizing Institute	Topic Name	Date	Attended By
1	IEM Kolkata	UEM Congress on Disruptive Technology	August 2017	Many people throughout the globe
2	IEM Kolkata	IEMECON	August 2017	Many people throughout the globe
3	IEM Kolkata	IEMCON	October 2017	Many people throughout the globe
4	IEM Kolkata	UEMCON	October 2017	Many people throughout the globe
5	IEM Kolkata	CCWC	January 2018	Many people throughout the globe

FDP'S

Attended

Sl no.	Organized by	Date	Topic	Attended by	Department
1	IEM, Kolkata	4 th December, 2017	Art of setting good question paper	Dr. Himadri Nath Saha and all faculty.	EEE
2	UEM, Kolkata	2 nd -5 th January	Application of Research Grants and various relevant topics	Faculties from IEM, Kolkata	EEE
3	IEM, Kolkata	28 th June-3 rd July	Python Training	Faculties from IEM, Kolkata	EEE

Conducted

Date	Department	Topic	Conducted by
4 th December, 2017	EEE	Art of setting good question paper	Prof. S.C. Dutta Roy, Professor, IIT Delhi

INDUSTRIAL VISITS

Venue: IDEA Cellular Limited, Kolkata

Date: 24/Feb/2018

Time: 9:30a.m.

Industrial visit was carried out at IDEA cellular limited, Kolkata. The main objective behind the visit was to make student aware about the process involved in communication through cellulars.



Venue: Tega Industries Limited, Kolkata

Date: 9/April/2018

Time: 9:30a.m.

Industrial visit was carried out at Tega Industries limited. The main idea for the visit is to make students aware about the design & production of mining & bulk solids handling industry. The company offers value added consultancy services and solutions in the areas of mineral beneficiation and material handling, which are tailored to suit specific customer needs.



AWARDS AND RECOGNITION

Patent Filled by Teachers:

Sl No	Department	Name	Designation	Topic
1	EEE	Dr. Himadri Nath Saha	Head of the Department	RF based Energy efficient vehicle alert system to reduce the noise pollution
2	EEE	Dr. Himadri Nath Saha	Head of the Department	A low cost fully autonomous GPS (Global Positioning System) based Quad copter for disaster management.
3	EEE	Dr. Himadri Nath Saha	Head of the Department	A low cost, energy efficient hybrid protocol device for establishing rapid ad-hoc networks.

Books Published:

Sl. No.	Name	Details
1	Prof. Dr. Himadri Nath Saha	A text book on Database Management System, Intec Publisher
2	Prof. Dr. Himadri Nath Saha	A Book named "BigyanProbaho"

TRIMENTORING ACTIVITIES

Sl no.	Organized by	Date	Taken by	Attended By
1	IEM Kolkata	Several sessions during the semester	Arnab Kumar Saha, Alumni, ECE	Students of IEM Kolkata
2	IEM Kolkata	Several sessions during the semester	Pratik De Sarkar, Alumni, ECE	Students of IEM Kolkata
3	IEM Kolkata	Several sessions during the semester	Suman Sarkar, Alumni, ECE	Students of IEM Kolkata
4	IEM Kolkata	Several sessions during the semester	Soumyo Priyo Chattopadhyay, Alumni, IT	Students of IEM Kolkata
5	IEM Kolkata	Several sessions during the semester	Arpita Kundu, Alumni, ECE	Students of IEM Kolkata
6	IEM Kolkata	Several sessions during the semester	Maitrayee Saha, Alumni, CSE	Students of IEM Kolkata
7	IEM Kolkata	Several sessions during the semester	Dipra Chakraborty, Alumni, ECE	Students of IEM Kolkata

ENTREPRENEURSHIP

Madhusudan Chawda of EEE, 2nd year, Batch 2016-2020, has started publishing a student magazine named “Infinite Mantras”.

STUDENT CHAPTER ACTIVITIES

- IEEE** The EEE department has IEEE student chapter deeply associated with the department with 40 student members from the department. The president of the Chapter is **Mr. Nitish Singh, EEE 3rd Year, Batch 2015-2019**. The chapter is very active and has organized following events in last six months.

EVENT: One-Day workshop on IOT

DATE: 19th February 2018.

Outline of the event 1. Participants get a brief ide on the concepts of IOT. 2. They get the hand on experience on the IOT projects. 3. This is organized by Allien Brains. Students get an interactive session with them.

- IEI** Apart from IEEE student chapter, the students of EEE department are also involved in IEI student chapter where the department has 10 student representatives. The student chapter has organized its annual event named ENGINIOUS 2K17 on 14th and 15th of September, 2017.

Outline of the event. The main objective of this event is to instill in students the love for technology and the enrichment of knowledge through different events like 1. STRATEGIZER: Participants can interact and get idea about startups from eminent guests. 2. Q-RIOSITY: A technical quiz competition. 3. TRY-OUT: An interesting IQ-game involving numbers and riddles. 4. CIRCUITRIX: A competition to test the ability to understand and design electronics circuit. 5. TECHNOVATION: Innovative paper presentation competition in topics of electrical and electronics.

3. **IEM ACM Student Chapter** Dr. Himadri Nath Saha is appointed as the Faculty Sponsor of the IEM ACM Student Chapter. There are 15-20 Students also who are in different posts of this student branch.
4. **IEEE Computer Society** Dr. Himadri Nath Saha is also associated with the IEEE Computer Society Student Branch.

DEPARTMENT OF BCA & M.Sc.

Department Statistics:

Student Strength: 373

Year of Establishment: 2006-2007

Objectives

To provide excellent educational facilities, optimal atmosphere and maintain high academic standards. To develop the holistic personality of the students.

To contribute to the industrial development and economic growth of the country by preparing a cadre of technicians well-equipped to look after administrative and R&D work in various Information Technology related sectors.

To organize extracurricular activities and motivate students to participate actively in order to bring out latent in them.



GOALS AND PLANS FOR NEXT YEAR

- To equip students with theoretical and practical knowledge in computing and mathematics to become a global centre of excellence in computing education
- To build a faculty team with industry-specific knowledge and academic exposure for nurturing competent professionals
- To help graduates become leaders in computing technology across multidisciplinary verticals
- To engage with industry, institutes, and government departments and collaborate in academics, R&D, and consultancy
- To implement real-world projects through industry-relevant programming and internships To develop product development facilities
- To encourage graduates to become entrepreneurs in their specialization using analytical, mathematical, and computing skills gained through the department

MILESTONE EVENTS

International Conference on Emerging Technologies in Data Mining and Information Security (IEMIS 2018)

23 - 25 February, 2018 at University of Engineering & Management, Kolkata

Speakers:

1. Dr. Ajith Abraham, Machine Intelligence Research Labs (MIR Labs), USA
2. Dr. Sheng-Lung Peng, National Dong Hwa University, Hualien, Taiwan
3. Dr. Anowarul Shaikh Fattah, Editor, IEEE Access & CSSP (Springer), Bangladesh
4. Dr. Detlef Streitferdt, Technische Universität Ilmenau, Germany
5. Dr. Bimal Kumar Roy, Indian Statistical Institute, Kolkata, India
6. Dr. Dewan Md. Farid, United International University, Bangladesh
7. Dr. Swagatam Das - Indian Statistical Institute, Kolkata, India
8. Dr. NiloyGanguly - Indian Institute of Technology Kharagpur, India
9. Dr. K K Shukla, IIT (B.H.U.), Varanasi, India
10. Dr. Celia Sehnaz, senior member of IEEE, Bangladesh
11. Dr. Florin Popentiu Vladicescu, City University, Romania



Launch of Departmental Journal

Sl No.	Name of Journal	Indexing	Publisher	Year	Editors
1	<i>International Journal of Information System Modeling and Design (IJISMD)</i>	SCOPUS,ESCI	IGI GLOBAL	2018	Dr. Kamakhya Prasad Ghatak(IEM) Dr. Satyajit Chakrabarti (IEM)
2	<i>International Journal of Web-Based Learning and Teaching Technologies (IJWLTT)</i>	SCOPUS	IGI GLOBAL	2018	Dr. Paramartha Dutta, Prof. Abhishek Bhattacharya (BCA Dept,IEM) Prof. Soumi Dutta (BCA Dept,IEM)

International Lectures

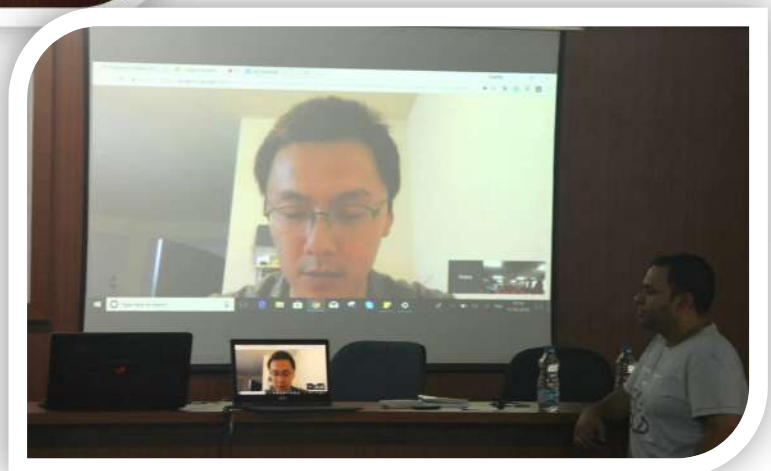
Date	Time	Speaker	Topic	Audience	Venue
20.03.2018	10.30 AM to 4.00 PM	Dr. Florin Popentiu Vladicescu, Associate Professor Dept. Of Automatic Control & Computer Science, Director of the “UNESCO Chair in Information Technologies Department” at University of Oradea. University of Politehnica, Bucharest, Romania	Reliability in Context Big Data: New Concerns and Challenges	Faculty members ans students of BCA and M.sc(IS) Dept	Sarojini Naidu Auditorium, Ashram



International Women's Day in collaboration with Intel Corporation

BCA Dept .of IEM, Kolkata proudly hosted the 2018 International Women's Day celebration, a tech conference in collaboration with Intel Corporation on 12th March 2018 under the presence of Intel Software Innovators.

1. Technical session on the following topic like Machine Learning and Deep learning was conducted by Mr Abhishek Nandy who is an Intel Black Belt developer 2nd in India.
2. Mr.Peter Ma Spoke on the topic of global Hackathon. He is is a rapid prototyping consultant at San Francisco Bay Area. He is a first place winner at GovTech Virtual Hackathon at Dubai where he won whopping 200,000\$.
3. IoT session was conducted by Mr.Avirup Basu who is an Intel Software Innovator.
4. Artificial Intelligence was conducted by Adam Milton Barker. Predominantly self-taught programmer with over 14 years experience in various areas of the tech industry. BioHacking, basic BCI (Brain Computer Interface) apps and Robotics. He is the founder of TechBubble (2014) &



RESEARCH, PUBLICATIONS AND CONSULTANCY

STATISTICS OF PUBLICATIONS (2017-2018):

Category	Number of research paper published
Conference	5
Journal	14

AWARDS & RECOGNITION ACHIEVED BY THE FACULTY

Prof. Abhishek Bhattacharya became life Member of International Society for Research and Development (ISRD) (Life Member) (Membership No. M4150905990) .

Prof. Abhishek Bhattacharya became:

1. Technical Committee Member of International Conference on Innovative Computing and Communication (ICICC-2018).
2. Technical Program Chair of IEMIS 2018.
3. Technical Committee Member of International Conference on Futuristic Trends in Network and Communication Technologies (FTNCT-2018)
5. Technical Committee Member of International Conference on Advanced Computation and Telecommunication (ICACT-2018)
4. Technical Committee Member of CICBA 2018
5. Technical Committee Member of INDIA 2018
6. Technical Committee Member of 2nd International Conference on Smart IoT Systems: Innovations in Computing (SSIC-2019)
7. Technical Committee Member of International Conference on Computational Intelligence and Data Analytics (ICCIDA-2018)
8. Technical Committee Member of 2nd International Conference on Information Technology and Applied Mathematics (ICITAM 2019)

AWARDS & RECOGNITION ACHIEVED BY THE STUDENTS

1. This year, our student ESHANEE NANDY of BCA 5th semester bagged a stunning 9.30 SGPA in 4th Semester 2018.
2. Sanjukta Sarkar of BCA 3rd semester bagged a stunning 9.43 SGPA in 2nd Semester

2018.

3. Bhuwan Agarwal of BCA 3rd semester bagged a stunning 9.43 SGPA in 2nd Semester 2018.
4. Rohan Dutta of BCA 6th semester bagged a stunning 10 SGPA in 2nd Semester 2018.



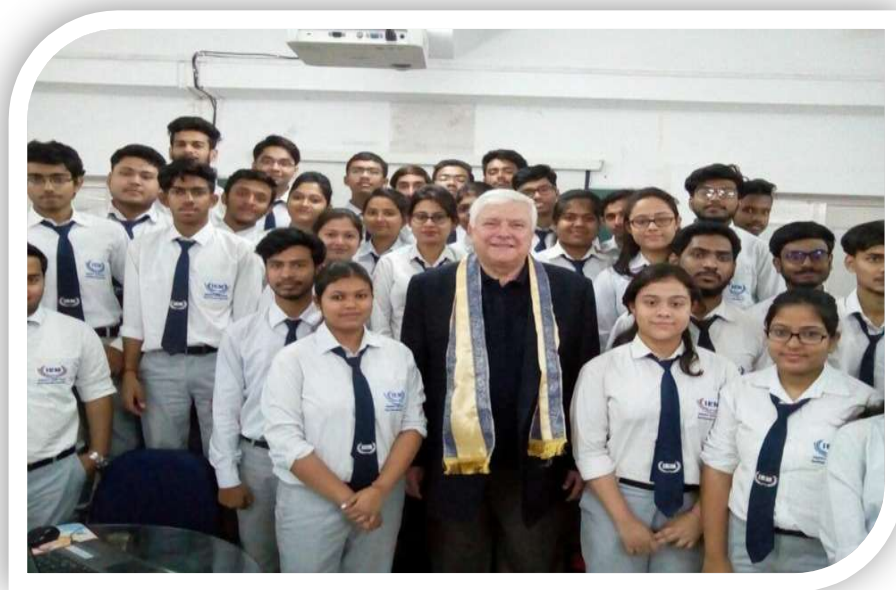
Gulam Md. Ahmed student of BCA 2014-17 batch of Institute of Engineering & Management (IEM) won the Bronze medal at MAKAUT Convocation.

Manan Gupta, student of M.Sc 2015-17 batch of Institute of Engineering & Management (IEM) won the Gold medal at MAKAUT Convocation 2017.

FDPS/ DISTINGUISHED LECTURES ORGANISED

Distinguished Lectures

Date	Time	Speaker	Topic	Audience	Venue
20.03.2018	10.30 AM to 4.00 PM	Dr. Florin Popentiu Vladicescu, Associate Professor Dept. Of Automatic Control & Computer Science, Director of the “UNESCO Chair in Information Technologies Department” at University of Oradea. University of Politechnica, Bucharest, Romania	Reliability in Context Big Data: New Concerns and Challenges	Faculty members and students of BCA and M.sc(IS) Dept	Sarojini Naidu Auditorium, Ashram



TRI MENTORING & ALUMNI INTERACTION

Sl no.	Event	Date	Audience	Speaker
1	Alumni Mentoring	24.3.2018	BCA 2 Sec B	Namrata Seal, System Associate, Wipro Technologies, Passout 2015
2	Alumni Mentoring	24.3.2018	BCA 2 Sec A	Sourav Saha, System Associate, TCS, Passout 2017
3	Industry Mentoring	04.04.2018	BCA 1 st year section B	Mr. Prasanta Srimani (Designation: Senior System Analyst) from IBM

4	Industry Mentoring	13.04.2018	BCA 2 A AND 2 B	Mr.Soumyajit Shome,Software Engineer, Accenture, 2016 pass out batch
5	Alumni Mentoring	18.07.2018	BCA 3 B	Sashank Mishra,Deloitte, 2017 pass out Batch
6	Alumni Mentoring	28.07.2018	BCA 1 B	Amba Mukherjee,Capgemini,2017 pass out Batch
7	Alumni Mentoring	28.07.2018	BCA 1 A	Mr. GULAM MOHAMMED AHMED , Alumni of BCA 2017 pass out batch, awardee of University Bronze Medal
8	Alumni Mentoring	10.8.2018	BCA 1 B	Ms. Shaine Moitra ,BCA alumni,2017 passout Batch, Investigator at Amazon Development Center, Bangalore
9	Alumni Mentoring	28.07.2018	BCA 1 B	Priya Chitlangi, Alumni of 2018 batch, SAP Labs
10	Industry Mentoring	11.08.2018	BCA 3 A and BCA 3 B	Mr. Debraj Chatterjere,Manager, Capgemini India
11	Industry Mentoring	25.08.2018	BCA 2 A and 2B	Mr. Anirban Biswas,Technical Delivery Manager,IBM
12	Industry Mentoring	21.08.2018	BCA 1A	Ms. Anindita Desarkar, Magager,Cognizant Tech. Solutions
13	Faculty Mentoring	04.08.2018	BCA 1ST YEAR,2ND YEAR	ALL FACULTY MENTORS
14	Alumni Mentoring	25.07.2018	BCA 1ST YEAR	Mr. Debjit Chakraborty,pass out of BCA 2018 ,SAP Labs

PLACEMENT

Capgemini has selected 41 BCA students on 30.08.2018 which is highest no. of recruitment from any college/groups in West Bengal.

2. In 2018 pass out batch, 3 students got 6 job offers each.
 3. In 2018 pass out batch, 6 students got 5 job offers each.
 4. In 2018 pass out batch, 12 students got 4 job offers each.
 5. In 2018 pass out batch, 14 students got 3 job offers each.
 6. In 2018 pass out batch, 31 students got 2 job offers each.
 7. In last 3 consecutive years, SAP Lasbs, Infosys,CTS,Capgemini and Deloitte have selected highest no. of students from IEM in West Bengal.
- b.

Serial Number	Pass Out Batch Year	Batch Strength	Students opting out of the Placement process	Number of Students in Startups	Number of Students Not eligible for Placement	Number of Students Placed till 1 st Sep,2018	Total Number of offers received by Placement Seeking Students	Maximum Package	Average Package
1	2018	110	100	NA	8	100	235	3L	2.1L
2	2019	119	109	NA	11	41	41	2.10L	-

BASIC SCIENCE & HUMANITIES

Department Statistics:

Student Strength: 759

Objectives

To assist students to develop a basic understanding in fundamental subjects like Mathematics, Physics, Chemistry, English and encourage them to apply that acquired knowledge to practical applications in a very simple way with examples and illustrations.

To continuously improve infrastructure and update curriculum through periodic feedback from stake holders

To imbibe in students the best human and professional values

To provide outcome-based education to students

To inculcate in students the thirst for research and innovation.



GOALS AND PLANS FOR NEXT YEAR

1. Establishment of International Robotics and Innovation Laboratory.
2. Organizing international conference in Physics, Chemistry and Mathematics.
3. Issuing Journals in Physics, Chemistry and Mathematics.
4. Forming student chapters in Physics, Chemistry and Mathematics.
5. Organizing distinguished lecture series: Talk by eminent personalities every week.
6. Promoting entrepreneurship start-ups from 1st year onward.
7. Organizing one day seminar in Physics.
8. Organizing Mathematics and Science Olympiad.
9. Set up of Observatory.

NEW ADDITIONS

1. 3rd and 4th floor class rooms renovated.
2. All Class room doors modified. Glass fitted in doors.
3. More number of air conditioners installed in CII auditorium.
4. Computer laboratory renovated and air conditioners installed.
5. Language laboratory renovated.
6. Mega canteen at 9th floor.
7. Automated wash basins in washrooms

MILESTONE EVENTS

Spectrum 2018

International Students' Conference on 'Emerging Trends in Science and Technology' organized by Institute of Engineering & Management, Kolkata in association with IEEE AP-MTT Joint Chapter, Kolkata Section

Date : 17th February, 2018

Venue: IEM, Management House, Kolkata-91



CTMSE 2018

International Conference on Current Trends in Materials Science and Engineering, 2018 has been jointly organized by Institute of Engineering & Management, Kolkata and S. N. Bose National Centre for Basic Sciences, Kolkata, to celebrate the 125th Birth Anniversary of Professor Satyendra Nath Bose.

Date: 19-20 January, 2018

Venue: S. N. Bose National Centre for Basic Sciences, Saltlake, Kolkata



ICELTS 2018

International Conference on English Learning and Teaching Skills organized by Institute of Engineering and Management, Kolkata in collaboration with Indian Statistical Institute, British Council, Kolkata, and ELT@I.

Date: 26th of July to 28th of July, 2018.

Venue: Management House, Kolkata



Innovación 2018

Innovación, the annual-techno-management fest of Institute of Engineering & Management,

Date: 23rd – 25th, January, 2018

Venue :Management House, IEM

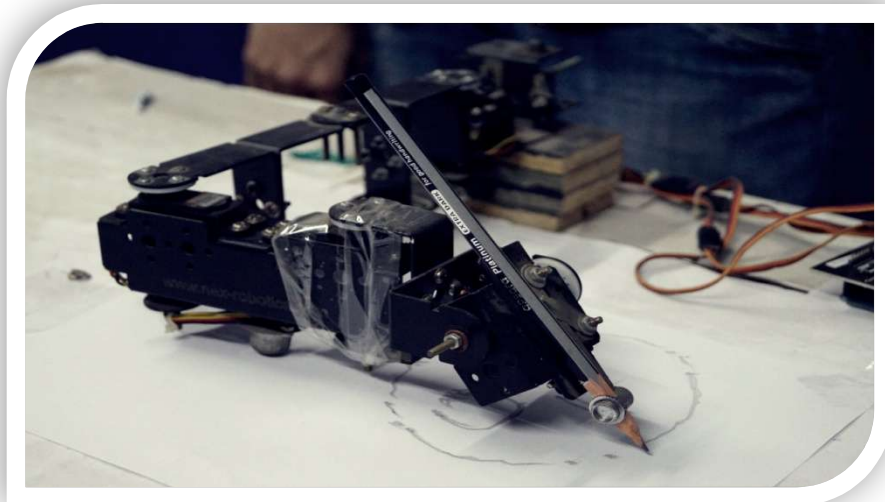


Intra College Model Making Competition

An intra college model making competition was organized by IEM, Kolkata to motivate students to inculcate the thirst of innovativeness among students and improve their technical knowledge and skills.

Date: 9th September, 2017

Venue: Management House, IEM.



Inauguration and Orientation Programme for 1st year B.Tech students

An inauguration cum orientation programme was organized by Department of Basic Science and Humanities to welcome the new batch of IEM students of year 2018-2022.

Date: 1st August, 2018

Venue: Seminar Hall on 7th floor of IEM Management House.



RESEARCH, PUBLICATIONS AND CONSULTANCY

STATISTICS OF PUBLICATIONS (2017-2018):

Category	Number of research paper published
Conference	42
Journal	17

AWARDS & RECOGNITION ACHIEVED BY THE FACULTY

1. Name of faculty: **Prof. Tina De**, Assistant Professor in Chemistry, Department of Basic Science and Humanities, IEM, Kolkata received **Best poster award** for the poster presentation on *Synthesis, Characterization and Sorptive Removal of Heavy metals on Nano-Structured Agglomerates of Iron (III)-Cerium (IV) Bimetal Mixed Oxide (NICMO): Search For An Efficient, Low Cost Decontamination Technique* at Biospectrum 2018 at UEM, Kolkata from 27th-28th July, 2018.
2. Name of faculty: **Prof. Saswati Barman**, Research Professor, Department of Basic Science and Humanities, IEM, Kolkata, Co-author of a paper titled : Comparison of Collective Spin Dynamics between Ni₈₀Fe₂₀ Nanodot Arrays Arranged in Honeycomb and Octagonal Lattice Symmetries, Sucheta Mondal, **Saswati Barman**, Samiran Choudhury, and Anjan Barman presented at the International Conference on Nanoscience and Technology (ICONSAT 2018), IISc Bangalore, Mar. 21-23, 2018 and the paper **won the Nanoscale Horizons Poster Prize delivered by Royal Society of Chemistry, UK.**
3. Coauthor of a paper titled: Development of magnetic vortex transistor and logic circuit, Saswati Barman, Sucheta Mondal, and Anjan Barman presented at 6th International Symposium on Integrated Functionalities (ISIF 2017), Dec. 10-13, New Delhi, India **and the paper was awarded the Best Poster Award.**

AWARDS & RECOGNITION ACHIEVED BY THE STUDENTS

Sl No.	Name of Student	Name of Event	Year of Event	Achievement Details
1	Md. Ehteshamullha	INNOVACION	2018	2nd (Electrocuted)
2	Sonali Kumari	ADRENALINE (THE SPORT FEST)	2018	3rd (Basketball)
3	SHAKYA SEN	URECKON	2018	2nd (FIFA: gaming competition)
4	Samarpan Deb Majumdar	ICRAETS-PUNE	2018	Paper Presentation
5	Siddharth Kumar Rai	ADRENALINE (THE SPORT FEST)	2018	1st (Tug Of War)
6	Sandeep Rai	INNOVACION	2018	2nd (Electrocuted)

7	Prateeti Mukherjee	SPECTRUM- International Students' Conference on Emerging Trends in Science & Technology	2018	1st (Scientific Model Competition)
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FDPS/ DISTINGUISHED LECTURES ORGANISED



Workshop on Python



Workshop on Intercultural Communication



Mr. B. Hari, founder of Ontrack Systems Limited, How to generate funds for New start ups



Global Entrepreneurship Scenario by Mr. [Tarun Mullick](#), the Founder and Managing Director of Club International Private Limited



Steps to form new start ups by Mr. Deepak Khaitan



Talk on Astronomy and Astrophysics - Mr. Debiprasad Duari, Director, Birla Planetarium



Session on Straintronics - Dr. Supriyo Bandopadhyay, Virginia Commonwealth University

Industry talk- Mr. Santanu Goswami, Director, SAP, Management Division





Session on Lifestyle Management by
Ms. Nilanjana Mukherjee, CWC
member, ISHRAE Kolkata



Roles played by engineers in the field of
socio-economic development of the country-
Mr. Nadeem Kazim, CHRO, Tractors India
Limited



Relevance of Chemistry in Engineering-
Mr. Swarup Dutta , Sr. Scientist,
Chembiotech

Seminar on Relevance of Chemistry in
Engineering -Prof. Arnab Halder ,
Presidency University, Kolkata



BBA (H) DEPARTMENT

Department Statistics:

Student Strength: 348

Year of Establishment: 2006

Objectives

To prepare our BBA (H) students not only for the job, but also in a way so that they become future entrepreneurs.

To encourage and prepare our students for higher studies in India and abroad.



GOALS AND PLANS FOR NEXT YEAR

- **Enrichment of library:** to keep the stock of more reference books so as to help the advanced students to further their knowledge and to assist the faculty members to focus on their research
- **Value-added Programme (VAP):** The state-of-the-art VAP is already structured and different curricula are already set for both odd and even semesters. In connection to it, we like to invite experts to effectively implement the Programme
- **More interactions with corporate managers:** It will help the students to learn more about the happenings in the industry
- **Organizing MDP and FDP:** Emphasis will be given to organize one management Development Programmes (MDPs) and one Faculty Development Programmes (FDPs) in a year.
- **Organizing seminars:** Stress will be given on organizing seminars for the students and faculty members.
- **Internship & placement:** To involve more students in the internship and placement process.

MILESTONE EVENTS

Conference Organized By the BBA (H) Department

IEM Convention, 2018

3rd IEM Convention, 2018 (Innovation, Entrepreneurship, Marketspace), 21-22 March, 2018 at the Sasin Graduate Institute of Business Administration, Chulalongkorn University, Bangkok, Thailand.



Mr. John Knipfing, Intercultural Expert and Cross-cultural Trainer & Coach, Cultural Intelligence Consulting, Bangkok



Ms. Wanwisa Boonmema, Managing Director, Tata Technologies, Bangkok

IEM Convention, 2017

1st IEM Convention, 2017 (Innovation, Entrepreneurship, Marketspace), 24-25 November, 2017 at the University of Engineering & Management, Kolkata.



IEM-NEN E-Leaders' Workshop

Date: 8-9 September, 2017

Summary: Wadhvani Foundation NEN E-Leaders' Workshop was an intensive two-day training to enable the E-Leaders with the right knowledge and skills so that they can inspire, educate and equip students to understand the nuances of entrepreneurship. A total of 36 faculties from more than 17 colleges from all over West Bengal attended the two-day workshop.



IEM-NEN "Train the Trainer" Workshop under EEP Series (Entrepreneurship Educators' Program)

Date: 8-12 August, 2017

Summary: Entrepreneurship Educators Program is an intensive five-day training to enable the faculty members to inspire, educate and equip students to understand the nuances of entrepreneurship and starting ventures. This year the "Train THE Trainer" Workshop under EEP Series (Entrepreneurship Educators Program) for Kolkata cluster was organized during 8-12 August with active collaboration & participation of Wadhvani Foundation.



RESEARCH, PUBLICATIONS AND CONSULTANCY

STATISTICS OF PUBLICATIONS (2017-2018):

Category	Number of research paper published
Conference	18
Journal	8

AWARDS & RECOGNITION ACHIEVED BY THE FACULTY

Dr. Shamindra Nath Sanyal has been selected as the reviewer of the prestigious American Marketing Association (AMA) Summer Conference, 2018.

AWARDS & RECOGNITION ACHIEVED BY THE STUDENTS

1. BBA (H) students Puja Majumder, Bibek Das, Soumya Mukhopadhyay and Priyam Chowdhury have won the first prize in the Quiz Competition on Digital Marketing at 3rd IEM Convention, Bangkok, 2018.



2. The BBA (H) 2014-17 student Joyeta Pramanik has won the MAKAUT gold medal for her first rank in BBA (H).

FDPS/ DISTINGUISHED LECTURES ORGANISED

Faculty Development Programme



PROGRAMME CONVENERS:

- Prof. Dibyendu Chattaraj, Assistant Professor, Department of Business Management
 Prof. Saikat Chakrabarti, Assistant Professor, Department of Business Management

RESOURCE PERSONS:

- Professor Dipankar Coondoo, Former Professor of Economics, Indian Statistical Institute (ISI), Kolkata
- Dr. Dipankar Sinha, Dr. Sinha is currently working as an Associate Professor, Indian Institute of Foreign Trade (IIFT), Kolkata.
- Dr. Debdulal Dutta Roy, Associate Professor of Psychology, Psychology

Research Unit, Indian Statistical Institute (ISI), Kolkata

- Dr. Shamindra Nath Sanyal, Dr. Sanyal is currently working as a Professor, Institute of Engineering & Management (IEM), Kolkata.
- Prof. Saikat Chakrabarti, Prof. Chakrabarti is currently working as an Assistant Professor, Institute of Engineering & Management (IEM), Kolkata.



Distinguished Lectures Organized

- **Dr. Siddhartha Shankar Roy, alias Sidhu**, a famous singer and quiz master offered motivational lectures and quiz session to the students on 03 August, 2018.



- **Mr. Indrajit Adhikari, Business Editor, ABP Private Ltd.** offered his session on the future role of management students into corporate on 28 July, 2018.



- **Prof. (Dr.) Sanjukta Dasgupta, Professor, Department of English, University of Calcutta** and a great speaker is offering her views as the keynote speaker at the **Seminar on Gender Problem in Contemporary Indian Society, organized by the**

BBA (H) Department on 12/09/2017.



- **Mr. Debasish Chakrabarty, Ex-Country head, Allergan India and entrepreneur, Managing Director of Assentus Biogenics Pvt. Ltd.** is delivering his thought on the transformation of management students into entrepreneurs on 18/07/2017.



TRI MENTORING & ALUMNI INTERACTION 2018



2011-14 batch student Raunak Sen, currently working with Berger Paints is interacting with the students as a part of the trimentoring system, 13/04/2018

Mr. Sayan Chakrabarti,
Regional Business Head
(Eastern India, Nepal, Bhutan,
Bangladesh and Sri Lanka),
Lenovo India is interacting
with the students as a part of



2017



Our 2014-17 batch students Saima Nasim and Taniya Ghosh, currently working with Amazon India at Bangalore are interacting with the students as a part of the tri-mentoring system, 27/07/2017

Mr. Debasish Chatterjee, AGM of Emami Biotech is interacting with the students as a part of the trimentoring system, 20/09/2017



PLACEMENT

Company Details for the Department						
Name of the Department: BBA (H)						
Serial Number	Pass Out Batch Year	Batch Strength	Opted for Placement	Name of The company	Number of Students Placed till 15th Aug,2018	Package
1	2018	120	40	INDIGO AIRLINES	2	2.2 L PER ANUM
				WIPRO TECHNOLOGIES	4	2.4 L PER ANUM
				CONCENTRIX	21	2L PER ANUM
				ELITMUS	1	1.8 L PER ANUM
				TCS	6	1.8 L PER ANUM
				SARADA DESIGNERS	2	1.5 L PER ANUM
				FUTURE GENERALI	2	2.4 L PER ANUM
2	2019	120	Not Finalised	FLAIR CREATIVES	1	2.2 I PER ANUM
				TIMES OF BENGAL	1	2.2 I PER ANUM

MBA & PGDM

DEPARTMENT STATISTICS

Student strength --

Year of establishment --

VISION

To be globally recognized educational institute known for outcome based education and application oriented research.



MISSION OF THE DEPARTMENT

To develop & supplement a curriculum which meets requirements of present business environment & challenges.

To adopt best practices in pedagogy, with distinguished faculty having experience in academics, industry and consultancy.

To provide state-of-art infrastructure.

To encourage mutually beneficial industry academia partnership.

To encourage and support research activity.

To train, support & encourage budding entrepreneurs.

To encourage consultancy work by providing institutional assistance and incentives.

RESEARCH & DEVELOPMENT

STUDENT PAPER

Sl No	Name of the Student	No. of Papers	Year of Publishing
1	Ritobrita Dutta Gupta	1	2017
2	Suchandan Pal	2	2017
3	Tanmoy Mukherjee	2	2017
4	Suman Paul	1	2017
5	Sumedha Mazumder	2	2017
6	Arjun Dasgupta	2	2017

International Trip to Bangkok



Titan, Goa Visit



Management Development Program

Programme Name	Coordinators(s)	Advisor	Dates	Venue
Emerging Trends in E-Business & E-Retailing	Dr Swati Mukherjee & Prof A K Banerjee	Dr Sujit Dutta	19 th & 20 th January 2018	Management House, IEM
GST and Tally organized by ICA Eduskills Pvt Limited	Prof Munmun Goswami	Dr Sujit Dutta	7 th May 2018	Management House, IEM
The Achiever's Mindset – Peak Performance & Personal Productivity	Prof Munmun Goswami	Dr Sujit Dutta	12 th May 2018	Management House, IEM
Work Life Balance : beyond boundaries	Prof Munmun Goswami	Dr Sujit Dutta	Mid – August 2018	UEM, Jaipur

STATISTICS OF PUBLICATIONS (2017-2018):

Category	Number of research paper published
Journal	24

Funded Projects

Sr No	Project Name	Supporting Organization
1	Ethics review of clinical research proposal	AMRI Hospital, Mukundapur

Book Published

Number of Books Published: 06 by PROF. PRADEEP KUMAR GHOSH

IEM MANAGEMENT REVIEW – PRISM (In House Journal)

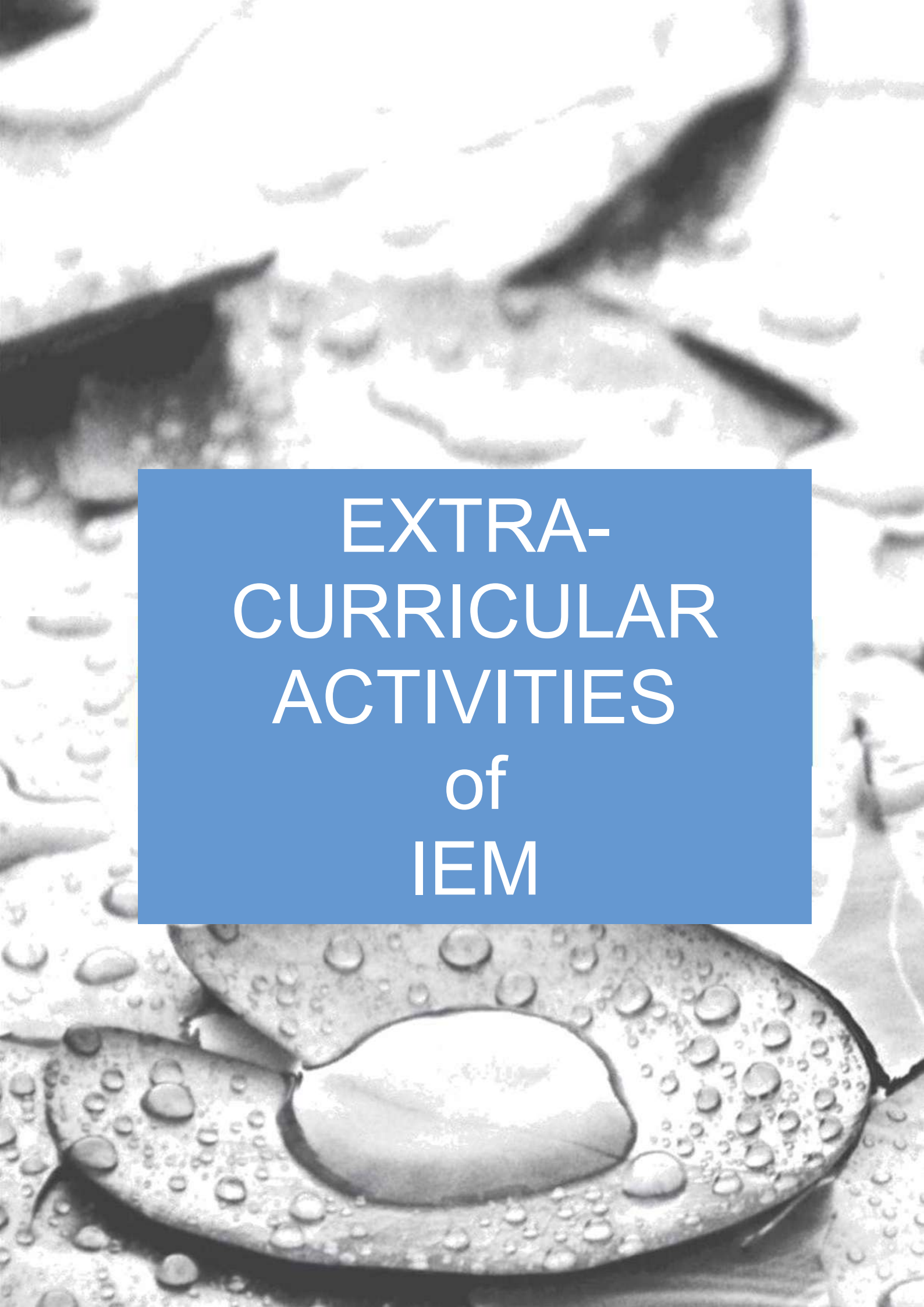


PRISM IEM Management Review is the Journal which has been released since 2017. The fourth edition is about to get released on September 2018. This is released twice a year – March and September.

CASE STUDY



Case Studies on Management specialization is released every year. Books on Finance, Marketing and HR are published. Students are benefited from these books. Also these books are referred during the class assignments.



EXTRA-
CURRICULAR
ACTIVITIES
of
IEM

BIENVENUE-2017

The students of Institute of Engineering & Management arranged a warm welcome to the new members of the IEM Family, the batch of 2017-2021 by organising the Freshers' Welcome: Bienvenue-2017. Students of second to fourth years outdid themselves making the arrangements for the welcome



CHARITY DRIVE

The students of IEM from different years and departments came forward and gathered funds to assist children of Dhakuria locality as well as visited the schools of that area and spent time with the students there. They distributed food, stationery, books, toys and clothes to aid them.



AGOMONI

The students and faculty members of IEM together celebrated the onset of festivities in Bengal on 22nd of September, 2017. It portrayed the Bengali tradition beautifully via song and dance performances by both the students and faculties.



COLLEGE MAGAZINE

The college magazine work is carried out throughout the year, starting from collection of articles to editing till the printing of the magazine.

The articles consists of Success Stories of Institute and alumni and students, detailed report of events conducted, Stories in (English, Bengali and Hindi), Technical Articles, Paintings, Quiz, Sudoku, Memes



VISHWAKARMA PUJA

The students of IEM along with the faculty paid their homage to Lord Vishwakarma on 16th of September. The mandap was beautifully decorated by the students. The day ended with distribution of Prasad.



IEM MODEL UNITED NATIONS(IEM MUN Season-4)

The 4th IEM Model United Nations was organized on the 17th, 18th and 19th of September by the Institute of Engineering and Management (IEM), Kolkata. Model United Nations is a simulation of the UN General Assembly and other multilateral bodies. In Model UN, students step into the shoes of ambassadors from UN member states to debate current issues on the organization's agenda. While playing their roles as ambassadors, the student "delegates" make speeches, prepare draft resolutions, negotiate with allies and adversaries, resolve conflicts, and navigate the Model UN conference rules of procedure - all in the interest of mobilizing international cooperation to resolve problems that affect countries all over the world.

With the introduction of UN Women, the number of committees were raised to 4, the other three being UN General Assembly, UN Human Rights' Council and UN Security Council. Students served as the secretariat and organizing committee members with Pragya Agarwal in the role of Secretary General and Susmit Sarkar as her Deputy.

Around 400 delegates from all over the nation participated, making it a lively 3 days filled with debates discussion and camaraderie. The event concluded with the distribution of prizes and speeches from the chairpersons of each committee. As delegates departed they echoed our hope that we may continue this proud legacy in coming years



KABADDI TOURNAMENT-2017

An inter college kabaddi tournament was organised by the students of Institute of Engineering & Management (IEM) under guidance of Prof. Ashim Dawn from 1st-3rd of November. It was a massive display of the progress in sports and youth talent as teams from different stream and branches came across each other.

Sector V turned into a battlefield this November — when the two finalists teams named as crusaders and Sajid ke Sipahi fought for the championship match of IEM Kabaddi tournament. With such passion and full of enjoyment the tournament got successfully over with the team crusaders lifting the trophy.



HOMECOMING 2017

On 22nd December 2017, Institute of Engineering and Management (IEM) organized the much awaited Alumni Meet – The Homecoming 2017, in the IEM Gurukul Campus with over 500 alumni members attending the event. The event witnessed the launch of the Alumni E-Magazine – Memories@IEM, created as a medium to bridge the gap between the institution and its proud graduates spanning across the world. The college took this opportunity to felicitate some remarkable projects undertaken by current IEM students and a total sum of Rs.4 lakhs were awarded as assistance for the completion of their dream projects by IEM Alumni Association. Also several alumni were awarded during the prize distribution ceremony for their noted work in entrepreneurial ventures, community services and academic research.



Homecoming
ANNUAL IEM ALUMNI MEET 2017
Distinguished IEM Alumni Award
22nd Dec 2017, 5 pm Onwards
*A Reunion is not the same without you
So, confirm your presence @,
Join us for dinner @, dance party*

VENUE
IEM Engineering (Gurukul) Campus,
T-12 Lakshmana, Sector-1,
Sallekaly Electronics Complex,
Kudalore-576009

Prof. Sampurna Reddy +91 98322 00777	Prof. Dr. Anurag Chatterjee +91 98322 20037	Prof. Dr. Akhilesh Kulkarni +91 98322 49239
Prof. Dr. Manoj Gangadhar +91 98322 88877	Prof. Shilpa Mahalingam +91 98322 49438	Prof. Dr. Jyoti Chavhan +91 98322 22452
Prof. Lakshmi Shankar +91 98322 38129	Prof. V. K. Reddy +91 98322 26759	Prof. Ajay Kumar +91 98322 17740
	Prof. B.S. Das +91 98322 27258	Prof. Dr. Santosh Kumar +91 98322 58949

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.



NATIONAL E-CAMP 2018

WANT TO BE AN ENTREPRENEUR?
or to acquire entrepreneurship skills?

- Confused About the Idea Don't Know How to Start Or having ideas but don't know how to validate
- Are you facing any of these challenges? Member of IEM or CAIP of IEM Students
- On 05th - 09th January 2018 at Institute of Engineering & Management, Kudalore

In association with

- India Collaboration with Worldwide Recruitment
- Knowledge Branch Learning for the entry @ IEM
- Online Learning, assisting after @ camp through IEM-CAIP

Registration Fee:
 < 1000 - For UG Students
 ₹ 1500 - For Others

Registration Link:
<https://www.ge2478.in>

CONTACTS

Prof. Anil Kumar +91 98322 34740	Shravan Choudhary +91 70030 25668	Neelika Gupta +91 98322 95198	Nishi Suman +91 94440 44200
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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 from both IEM and UEM participated in the event.

The event started off at around 9 am in the morning with enthusiasts sportmen and women warming up at the field of SAI Complex. The trial 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 metres, 200 metres, 400 meters and the relay race took place next in the line up for both men and women, with an overwhelmingly equal number of participation from both the genders.



