

Ms. Joyeeta Mukherjee & Shri Rohit Agarwal, both belonging to 5th batch-CSE jointly bagged Champion's Trophy in Paper Presentation contest.

❖ Heritage Institute of Technology won the National Competition to become E-Week India 2009 Champion

❖ Ms. Asmita Mukerji, 4th batch-BT co-authored a chapter entitled "Biofuels from agroindustrial residues: An inexpensive avenue to energy security" for the book "Biotechnology for Agro – Industrial residues Processing", to be published by Springer Verlag in 2009

❖ Shri Kunal Chaudhary (CSE), Shri Sumit Kumar Ghosh (CSE), Shri Arka Jyoti Debnath (ECE) and Shri Ravi Kumar (IT), all belonging to 7th batch, secured first rank in the Robotics Competitions organized by JU (Srijan'2009) and NIT Durgapur (Aarohan'2009) in February 2009.

❖ Shri Ritwik Ghoshal, 4th batch-CSE is the recipient of Grand Prize winner in Sun's Student Reviews Contest on OpenSolaris, 2008: an International award by Sun Microsystems, Inc., USA

❖ Shri Arunava Ray, 7th batch-AEIE student was awarded 3rd prize in ILLUSHUN – Online Treasure Hunt during Cognizance'08 held at IIT, Roorkee from 28-30 March'08, in which 76,000 students from all over India participated

❖ 2 Students' Projects, one by the BT students and other by ECE students, selected for presentation in the Innovation Hub of INFOCOM 2007-08 held at Kolkata on 20-21 Feb'08

❖ Shri Abhishek Biswas, Shri Someswar Bhowmick, Shri Partha Chowdhury, all 5th batch-AEIE students, secured 1st rank in the event 'On Spot Robotics – Manual' in Kshitij'08 held at IIT Kharagpur from 31-01-08 to 03-02-08 in which about 100 institutions participated

❖ Shri Naveen Kumar 5th batch-AEIE developed a software in C language through which calendar of any month of any year (up to 1000 years) can be viewed

❖ Shri Debasish Ganguly, Shri Mohit Mundhra and Shri Swarnendu Mukherjee, all belonging to 5th batch-CSE, presented their paper in 'National Student Convention during 41st Annual Convention of CSI' held in Kolkata, which was declared 2nd in the contest

❖ Students of Ch.E emerged as the Winners of Chem. Engg. Quiz Contest organized by IICHE at JU Campus on 09.09.06 defeating 11 teams representing Univs. & National Institutes e.g., IIT, Kharagpur, IIT Guwahati, NIT Durgapur, NIT Rourkela, BIT Sindhri, University of Calcutta etc.

❖ Special Awards received by Shri Sujoy Mukherjee (1st batch-ECE) :

"IEEE Region 10 (Asia-Pacific)" topper award for his paper presented at the 2004 IEEE Conference on the "History of Electronics" held at Bletchley Park, UK

"World Wide Topper" Certificate and a cash award of US \$200 for poster and paper presentation at the above Conference

❖ Shri Debanjan Bhattacharjee, 5th batch-ECE is the recipient of President's Gold Medal for standing All India First in the Instrumental Music Competition held in 2008, organized by All India Radio. He also won 1st prize in Sarod in Dover Lane Music Conference, 2007

❖ Shri Anirban Banerjee, 4th batch-BT, recipient of 1st prize in Bhajan in State Level Competition for 2006-07, organized by Paschim Banga Rajya Sangeet Academy, I&C Dept., Govt. of W.B., was also awarded Harihar Sukhla Memorial Challenge Cup for securing 1st position in the Semi-Classical Vocal category of Bhajan and Rotu Sen Memorial Challenge Cup for obtaining the highest marks in Vocal category from The Dover Lane Music Conference & Dover Lane Music Academy in the year 2007-2008.

Admission Procedure & Other Formalities

Bachelor of Technology (B. Tech)

Eligibility for Admission :

- H.S. (10+2) examination of the Council of Higher Secondary Education, West Bengal or equivalent with minimum marks as specified by AICTE/WBUT
- Qualified in Joint Entrance Examination conducted by West Bengal Joint Entrance Examination Board / AIEEE and recommended by the Central Selection Committee (E&T)
- 80% seats to be filled up by JEE candidates, 10% by AIEEE candidates through Centre Counselling and the rest 10% under Management Quota from candidates qualified through WBJEE / AIEEE

- Lateral Entry of diploma holders and B.Sc. degree holders through JELET in the 2nd year with an additional intake of 20% of the approved intake

Master of Technology (M.Tech.)

Admissions are made from candidates having passed B.E./B.Tech. or equivalent in the relevant disciplines. All applicants for admission to M.Tech. programme except those having valid GATE score should sit for a written test. Candidates, who qualify in the written test, are called for Personal Interview. Final merit list is prepared on the basis of the written test and interview. GATE qualified candidates are required to appear in the interview directly. There is a provision of up to 10% of seats to be filled up through Management Quota.

Master of Business Administration (MBA)

2-year Full Time Course

Admissions are made from candidates who have passed Bachelor's Degree in any discipline under (10+2+3) system or B.E. / B.Tech degree and qualified in CAT/WBJEMAT. Final selection is done through group discussions and personal interview.

Master of Computer Application (MCA)

Admissions are made from candidates who have passed Bachelor's Degree in any discipline under (10+2+3) system with Mathematics as one of the compulsory subjects at Degree level and having at least 60% marks on an average in the graduation level. Such candidates will have to be qualified in the Joint Entrance Examination (JECA) conducted by the West Bengal Joint Entrance Examination Board and recommended by the Central Selection Committee (E&T). There is a provision of up to 10% of seats to be filled up through Management Quota.

FINANCIAL AID / ASSISTANCE

- Scholarship to all B.Tech. students holding merit rank up to 1000 in WBJEE.
- Free/ Half free studentship to deserving students on merit-cum-means basis as per Govt. Order
- Assistance for subsidized Educational Loan from Nationalized Banks
- Assistance for scholarship/ financial assistance from various Government, Non-Government Organizations and Trusts
- Scholarship / Stipend awarded by Backward Classes Welfare Department of the Govt. of West Bengal in respect of SC/ST/OBC students
- Assistance through Educational Loan Scheme of West Bengal Minorities Development and Finance Corporation for minority communities students
- Assistance also provided for Railway Travel Concession to eligible students.

APPROACH TO THE INSTITUTE

The Heritage campus is located on Chowbaga Road, behind Ruby General Hospital and halfway between the Eastern Metropolitan Bypass and the Basanti Expressway. The campus is exquisitely landscaped with intertwined roads connecting various buildings inside the campus. It provides a tranquil surrounding with a backdrop of lush greenery, which offers an aesthetically pleasing and serene atmosphere, on one hand, and an intellectually stimulating environment, on the other.



Heritage Institute of Technology

Chowbaga Road, Anandapur, PO: East Kolkata Township, Kolkata 700107

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Website: www.heritageit.edu • E-mail: admin@heritageit.edu

City Office: Tobacco House, 4th Floor, 1 & 2 Old Court House Corner, Kolkata 700001

Fax: +91 33 22484881 • E-mail: kalyanbhartitrust@vsnl.net

INFO DESK : 9830201234



Heritage Institute of Technology

Information Brochure 2011

Where Learning is an interactive evolutionary process...



Introduction

Inspired by the noble cause of education and philanthropic zeal, a group of Kolkata based like-minded industrialists joined hands to form a charitable educational foundation - Kalyan Bharti Trust (KBT) - to further their dreams of serving the Society.

The vision of the Trust is to prepare dynamic and caring citizens to meet the challenges of a global society while retaining their traditional values.

The primary mission of the Trust is to create a center of excellence in education, which, in keeping with the rich heritage of India, will stress the simultaneous development of body, mind and soul and endeavour to create compassionate, responsible and innovative global citizens who are committed to the development of India. Heritage Institute of Technology, Kolkata (HIT-K), established in 2001, while following the norms and syllabi of the West Bengal University of Technology (WBUT), its affiliating university, ensures that students become self-motivated and employable.

The Heritage campus is located on a prime land at Anandapur, off the Eastern Metropolitan Bypass.

Kolkata has produced distinguished luminaries from all walks of life – many of whom are world leaders. The HIT-K wishes to strengthen this process by putting the city in the forefront of educational activities while carving a name for itself in the top echelons of the academic world.

Kalyan Bharti Trust

Trustees of the Kalyan Bharti Trust are reputed industrialists, educationists and technocrats.

BOARD OF TRUSTEES

CHAIRMAN	SECRETARY
Shri Mahendra Swarup <i>Paharpur Cooling Towers Ltd.</i>	Shri Hari Krishna Chaudhary <i>Vikram India Ltd.</i>
MEMBERS	
Shri Prahlad Rai Agarwala <i>Rupa & Co. Ltd.</i>	Shri Narain Prasad Dalmia <i>Dalmia Securities Ltd.</i>
Shri Dharam Chand Agarwal <i>Hi-Tech Systems & Services Ltd.</i>	Shri Kamal Kumar Dugar <i>K. K. Dugar & Co.</i>
Shri Mahabir Prasad Agarwal <i>Shyam Group of Industries</i>	Shri Mahendra Kumar Jalan <i>MKJ Enterprises Ltd.</i>
Shri Sanjay Agarwal <i>Century Plyboards (I) Ltd.</i>	Shri Shyam Sundar Kejriwal <i>Kiswok Industries Pvt. Ltd.</i>
Shri Dayaram Agarwal <i>DRA Group</i>	Shri Narhari Prasad K. Koya <i>Indian Coal Agency</i>
Shri Sadhuram Bansal <i>Skipper Steels Ltd.</i>	Shri Manish Periwal <i>Pioneer Profin Ltd.</i>
Shri Sajjan Bhajanka <i>Century Plyboards (I) Ltd.</i>	Shri Vishambhar Saran <i>Visa Group</i>
Shri Hari Prasad Budhia <i>Patton International Ltd.</i>	Shri Vikram Swarup <i>Paharpur Cooling Towers Ltd.</i>
Shri Suresh C Bansal <i>Beekay Steel Industries Ltd.</i>	Shri Shyam Sundar Shah <i>Eastern Silk Industries Ltd.</i>
Shri Jaydeep Chitlangia <i>Madhya Bharat Papers Ltd.</i>	Shri Manoj Sharma (Executive Trustee) <i>Vikram India Ltd.</i>

Existing Academic Programmes

UNDERGRADUATE PROGRAMMES

The Institute offers 4-year B.Tech Degree programmes in the following disciplines :

Disciplines	Approved Intake*
Applied Electronics & Instrumentation Engineering (AEIE)**	60
Biotechnology (BT)**	60
Chemical Engineering (ChE)	60
Computer Science & Engineering (CSE)	90
Electronics & Communication Engineering (ECE)**	120+
Information Technology (IT)**	60
Mechanical Engineering	60++
Civil Engineering	60++

POSTGRADUATE PROGRAMMES

M.Tech. in Applied Electronics & Instrumentation Engineering (2-year)	18
M.Tech. in Biotechnology (2-year)	18
M.Tech. in Chemical Engineering (2-year)	18
M.Tech. in Computer Science & Engineering (2-year)	18 Δ
M.Tech. in Electronics & Communication Engineering (2-year)	18
M.Tech. in Electronics & Communication Engineering - VLSI (2-year)	18++
M.Tech. in Information Technology	18++
Master of Business Administration (MBA-FT) (2-year)	120+
Master of Computer Application (MCA) (3-year)	60

* For Undergraduate programmes, there is a provision of Lateral Entry of Diploma holders and B.Sc. Degree holders in the 2nd year with an additional intake of 10% of the approved intake.

** Programmes accredited by NBA, AICTE + Applied for additional intake of 60, approval awaited

+++ Applied for, approval awaited Δ Applied for additional intake of 18, approval awaited

All the programmes are duly approved by the All India Council for Technical Education (AICTE) and the Department of Higher Education, Government of West Bengal and are affiliated to the West Bengal University of Technology (WBUT).

Teaching & Learning

Education at HIT-K is a memorable experience. Besides usual curricular activities, students are exposed to a number of interdisciplinary programmes through debates, group discussions, group tasks, interactive seminars and brain storming sessions – all designed to bring about the creative, analytical and comprehensive capabilities in them. These programmes constantly inspire, encourage and motivate students to develop their leadership qualities as well as their communicative skills.

Although the assessment of the students' performance is primarily guided by the prevalent University regulations, respective course teachers also adopt a continuous evaluation system independently to track and record the overall growth of students.

Guidance and Counselling

For providing guidance, counselling and psychological boost-up to students, there is a Counselling Cell. Besides, in order to help students adapt and make the best use of their learning environment, mentoring system has been introduced in the Institute, where a group of students (mentees) are allotted a mentor (faculty member). By building up rapport with the mentees, the mentor would be able to infuse confidence in them and make them feel at home.

University Results

Students of the Institute perform well in the University Examinations with an average pass percentage of above 98%. The first batch of B.Tech. students passed out in 2005. The highest SGPA so far obtained by a student is 9.88 in the scale of 10.

Training & Placement

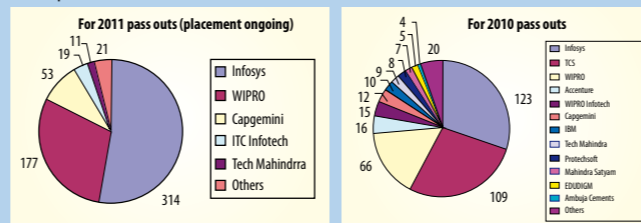
Training & Placement Cell complements the efforts of the members of faculty by organizing value-added programmes and providing placement opportunities to students. It acts as one of the major interfaces with the corporate sector and helps develop the industry-academia inter-relationship.

- Training:** The Cell organizes certain orientation programmes, grooming sessions, mock interview sessions for students of each stream. Besides, the Cell organizes various summer internship programmes for students to provide them with hands-on experience and introducing them to the professional environment.
- Student Exchange:** The Institute signed an MOU with New Jersey Institute of Technology (NJIT), NJ, USA for a student exchange programme under which the first three batches of student had 6-week training programme at NJIT during 2008, 2009 and 2010 and the fourth batch would proceed shortly.
- Placement:** The Cell continuously co-ordinates with various industries and organizations for placement of students. It has already successfully placed a high percentage of students in industry. It actively obtains feedback from organizations and conveys it to respective departments which, in turn, train students accordingly, thereby increasing their employability.

Some of the leading corporates in which students have been placed through campus interview, are listed below (arranged in alphabetical order).

Accenture Services Pvt. Ltd.	ICICI Bank Ltd.	Philips Carbon Black Ltd.
Apollo Tyres	IDBI Bank Ltd.	Price Waterhouse Coopers Pvt. Ltd.
Avery India Ltd.	Infosys Technologies Ltd.	Reliance Communications Ltd.
BOC India Ltd. (Linde Group)	ITC Ltd.	Tata Chemicals Ltd.
Berger Paints Ltd.	J P Morgan	Tata Consultancy Services Ltd.
Capgemini India Pvt. Ltd.	Keane India Ltd.	Tata Elxsi Ltd.
CEAT Ltd.	KPIT Cummins Infosystems Ltd.	Tech Mahindra Ltd.
Century Plyboards (I) Ltd.	L&T Infotech Ltd.	Tata Ryersons
Cognizant Technologies Solutions	L&T Ltd.	Times of India
Colgate Palmolive Ltd.	Metal Junction Services Ltd.	VA Tech Wabag India
Evalueserve	NIIT Technologies Ltd.	Visa Steel Ltd.
Godrej & Boyce Mfg. Co. Ltd.	Paharpur Cooling Towers Ltd.	Vodafone
Haldia Petrochemicals Ltd.	Patton India Ltd.	Wipro Technologies Ltd.
HCL Technologies Ltd.	Pepsico India Ltd.	IBM India Pvt. Ltd.
HDFC Bank Ltd.	Hewlett Packard India	

The T&P Cell has an excellent record of placement. Industry-wise break-ups for B.Tech. pass-outs for the period 2008-2011 are presented below :



Value Added Programmes

The Institute conducts career and personality orientation programmes on a regular basis. It also organizes industry-oriented special summer / winter courses in collaboration with reputed professional bodies. The Institute conducted Management Development Programmes (MDP) in such areas as Real Estate Management, Construction Management, Management of Culture and Productivity, Mapping and Developing Competencies etc., for working executives. The Language Lab provides students and interested members of faculty and staff an opportunity to upgrade their skills in spoken English. A Grooming Cell has been constituted to develop soft skills (Aptitude, HR, GD, PI etc.,) in students to make them feel comfortable in interviews and thus, better employable.

Collaborative Efforts

National :

- MOU signed with INFOSYS for Campus Connect programme for improvement of IT skills of students
- Institute selected by WIPRO for conducting Mission 10X related programmes for training of members of faculty
- Agreement signed with Oracle University for imparting training in Oracle to members of faculty
- MOU signed with National Environmental Engineering Research Institute (NEERI) with one of the objectives of facilitating students to undertake project work at NEERI
- Institute selected as an empanelled centre of WBREDA, Dept. of Power & NEC, Govt. of West Bengal for carrying out awareness programme on Renewable Energy

International :

- MOU signed with College of Natural Science, Sungkyunkwan University, Korea with reciprocal exchange of members of faculty, staff and students as one of the objectives
- MOU signed with NJIT (details provided under Training & Placement section)
- Draft MOU signed with Deakin University, Australia for academic collaboration including exchange of educational resource materials, publications, students and staff.

Faculty

The faculty comprises eminent, highly qualified and experienced persons from various streams of Science, Engineering, Management and other inter-disciplinary subjects with proficiency in teaching, in-depth research and industrial experience. A high teacher-student ratio maintained by the Institute facilitates improved interaction with students.

Professor B. B. Paira, Director

Professor (Dr.) Dulal Chandra Ray, Joint Director

Professor (Dr.) Sambhunath Biswas, Principal

Academic Departments:

Applied Electronics & Instrumentation Engineering (B.Tech. & M.Tech.)

Professor (Dr.) Dipak C. Patranabis, Emeritus Professor
 Prof. Arun K. Ray, Associate Professor
 Prof. Arabinda Kumar Pal, Associate Professor & HOD
 Prof. Surajit Bagchi, Associate Professor
 Ms. Sreeparna Dasgupta, Assistant Professor
 Mr. Soumik Das, Assistant Professor
 Mr. Indrajit Naskar, Assistant Professor
 Ms. Reshma Sengupta, Assistant Professor
 Mr. Arindam Sarkar, Assistant Professor
 Mr. Samiul Alam, Assistant Professor
 Ms. Damayanti Ghosh, Assistant Professor
 Mr. Samik Chakraborty, Assistant Professor
 Mr. Pradipt Saha, Lecturer
 Ms. Somdatta Banerjee, Assistant Professor (On Lien)

Biotechnology (B.Tech. & M.Tech.)

Professor (Dr.) Binoy Ranjan Maiti, Emeritus Professor
 Professor (Dr.) Subhabrata Sengupta, Professor
 Prof. (Dr.) Dipankar Chaudhuri, Associate Professor
 Prof. (Dr.) Srabanti Basu, Assistant Professor & HOD

Ms. Bhaswati Chakraborty, Assistant Professor
 Dr. Nandan Kumar Jana, Assistant Professor
 Dr. Soma Banerjee, Assistant Professor
 Mr. Riddhi Goswami, Assistant Professor & DC
 Dr. Tapan Kumar Ghosh, Assistant Professor
 Ms. Sudipta Dey, Assistant Professor
 Dr. Kakali Mukherjee, Assistant Professor
 Dr. Ruplekha Chatterjee, Assistant Professor
 Dr. Rakha Majumdar, Assistant Professor
 Ms. Mayura Dasgupta, Lecturer (On Lien)

Chemical Engineering (B.Tech. & M.Tech.)

Professor B.B. Paira, Director & Professor
 Professor Probir Roy, Professor
 Professor (Dr.) Pinaki Bhattacharya, Professor
 Professor (Dr.) Pranab Kr. Sengupta, Emeritus Fellow
 Professor (Dr.) Swami Vedajnananda, Professor
 Prof. Bibhuti Ranjan Saha, Associate Professor & HOD
 Dr. Alok Kumar Sen, Assistant Professor
 Dr. Sangita Bhattacharjee, Assistant Professor & DC
 Mr. Mukunda Kumar Das, Assistant Professor
 Mr. Diptendu Datta, Assistant Professor
 Mr. Debojyoti Chakraborty, Assistant Professor

Mr. Abhyuday Mallick, Assistant Professor
Ms. Pramita Sen, Assistant Professor
Ms. Punam Mukhopadhyay, Assistant Professor
Mr. Sankar Prasad Mitra, Sr. Lecturer
Mr. Tirthankar Sengupta, Lecturer (On Lien)

Computer Application Centre (MCA)

Professor (Dr.) Tapan Chakraborty, Director, HOD & Professor
Mr. Souvik Basu, Assistant Professor & DC
Mr. Debabrata Kar, Assistant Professor
Ms. Sudeshna Ghosh, Assistant Professor
Mr. Anirban Kundu, Assistant Professor
Ms. Subhra Pramanick, Assistant Professor
Mr. Sandipan Ganguly, Assistant Professor
Mr. Jyotirmoy Ghosh, Assistant Professor
Mr. Palash Ghosh, Assistant Professor
Mr. Subhajit Rakshit, Assistant Professor
Ms. Samapti Banerjee, Assistant Professor

Computer Sc. & Engineering (B.Tech. & M.Tech.)

Professor (Dr.) Purnendu Das, Professor
Professor (Dr.) Subhashis Majumdar, Professor & HOD
Prof. (Dr.) Prosenjit Gupta, Professor
Prof. Somenath Sengupta, Assistant Professor
Mr. Partha Basu Chowdhuri, Assistant Professor
Ms. Mohuya Byabartta (Kar), Assistant Professor
Mr. Sujay Saha, Assistant Professor & DC
Ms. Poulami Das, Assistant Professor
Mr. Arindam Chatterjee, Assistant Professor
Ms. Mandakini Majumdar, Assistant Professor
Mr. Rajib Ghosh, Assistant Professor
Ms. Rumpa Hazra, Assistant Professor
Mr. Sandip Samaddar, Assistant Professor
Ms. Pratyusa Dash, Assistant Professor
Ms. Satabdi Barman, Assistant Professor
Ms. Sumana Barman, Assistant Professor
Ms. Shuchismita Santra, Assistant Professor
Ms. Shilpi Saha, Assistant Professor
Mr. Samik Banerjee, Assistant Professor
Mr. Kamal Poddar, Sr. Lecturer
Ms. Anindita Ghosh, Lecturer
Mr. Sayan Kr. Ray, Lecturer (On Lien)
Mr. Partha Mukherjee, Assistant Professor (On Lien)
Ms. Padmaja Bose, Assistant Professor (On Lien)

Civil Engineering (B.Tech)

Electronics & Communication Engineering (B.Tech. & M.Tech.)

Professor (Dr.) Sambhunath. Biswas, Principal & Professor
Professor (Dr.) Amitava Bagchi, Professor
Professor Prabir Banerjee, Associate Professor
Prof. Siladitya Sen, Associate Professor & HOD
Ms. Sriparna Bhattacharya, Assistant Professor & DC
Ms. Sayantani Datta, Assistant Professor
Mr. Dulal Mondal, Assistant Professor
Mr. Moloy Kr. Chowhury, Assistant Professor
Md. Shah Nawaz, Assistant Professor
Mr. Arindam Ray, Assistant Professor
Mr. Atanu Kundu, Assistant Professor
Ms. Asima Adak, Assistant Professor

Mr. Soumya Chatterjee, Assistant Professor
Ms. Mousiki Kar, Assistant Professor
Mr. Subhajit Chakraborty, Assistant Professor
Ms. Gargi Roy, Assistant Professor
Mr. Shib Shankar Bhowmick, Assistant Professor
Mr. Rajib Ranjan Pal, Assistant Professor
Mr. Susovan Mondal, Assistant Professor

Ms. Madhumita Mukherjee, Lecturer

Information Technology (B.Tech.)

Professor (Dr.) Narayan Ch Maiti, Professor & HOD
Prof. (Dr.) Anindya Jyoti Pal, Associate Professor
Mr. Hemanta De, Assistant Professor
Ms. Satarupa Biswas, Assistant Professor & DC
Mr. Rudranath Mitra, Assistant Professor
Ms. Srabani Kundu, Assistant Professor
Mr. Sandipan Dutta, Assistant Professor
Mr. Susobhan Baidya, Assistant Professor
Ms. Ritupama Samaddar, Assistant Professor
Mr. Sudipta Bhadra, Assistant Professor
Mr. Uttam Kumar Dash, Assistant Professor
Mr. Deep Malya Mukhopadhyay, Assistant Professor
Ms. Sumana Dutta, Lecturer

Mechanical Engineering (B.Tech)

Management Education Centre (MBA - FT & PT)

Professor (Dr.) Aloke Kr. Sen, Director (MEC) & Professor
Professor (Dr.) Alok Ray, Professor
Professor (Dr.) Subrato Bhadury, Professor & DC (FT)
Professor Jaharlal Basu, Professor
Prof. Gautam Ghosh, Associate Professor
Prof. Dilip Kumar Maity, Assistant Professor & DC (PT)
Prof. Soumya Sankar Roy, Assistant Professor
Prof. (Ms.) Bobby Basu, Assistant Professor
Prof. (Dr.) Gagan Pareek, Assistant Professor
Mr. Manoj Saraogi, Assistant Professor
Ms. Swagata Sengupta, Assistant Professor
Dr. Chitra Bagchi, Assistant Professor
Ms. Sanghamitra Brahma, Assistant Professor
Ms. Madhurima Ganguly, Assistant Professor
Dr. Rimu Chaudhuri, Assistant Professor
Mr. S.K. Chakraborty, Assistant Professor

Chemistry & Environment

Professor (Dr.) D.C. Mukherjee, Emeritus Professor
Dr. Debarati Dey, Assistant Professor & DC
Dr. Shreedhara Gupta, Assistant Professor
Dr. Ratna Mukherjee, Assistant Professor

Electrical Engineering

Professor (Dr.) Samiran Choudhuri, Professor & HOD
Mr. Saibal Dutta, Assistant Professor
Mr. Amitava Hatial, Assistant Professor & DC
Ms. Emily Datta, Assistant Professor
Mr. Sudipta Mitra, Assistant Professor

Humanities

Ms. Aditi Bhunia Chakraborty, Assistant Professor & DC
Dr. Suparna Chakraborti, Assistant Professor

Mr. Arindam Das, Assistant Professor

Mathematics

Professor (Dr.) Rasajit Kumar Bera, Professor & HOD
Mr. Nirman Ganguly, Assistant Professor
Ms. Moulipriya Sarkar, Assistant Professor & DC
Ms. Arpita Paul, Assistant Professor
Mr. Jyotishman Chatterjee, Lecturer
Mr. Sandip Chatterjee, Lecturer
Mr. Indranil Chakraborty, Lecturer (On Study Leave)

Mechanical Engineering

Professor (Dr.) Dulal Chandra Ray, Joint Director, Professor & HOD
Mr. Arghya Bose, Assistant Professor
Mr. Sukanta Sarkar, Assistant Professor
Mr. Nilanjan Chakraborty, Assistant Professor
Mr. Nilabha Sankar Kundu, Assistant Professor
Mr. Arup Jyoti Bhowal, Lecturer & DC

Physics

Prof. (Dr.) Nirmalya Prasun Nayak, Associate Professor & HOD
Dr. Ajanta Das, Assistant Professor & DC
Prof. (Dr.) Joydeep Roy, Assistant Professor
Dr. Mili Das, Assistant Professor

MANAGEMENT & ADMINISTRATION

Mr. Probir Roy, Executive Director

Departmental Laboratories

Applied Electronics & Instrumentation Engineering

• Electronics Measurements & Instrumentation Lab • Transducer & Sensor Lab • Industrial Instrumentation Lab • Microprocessor & Micro-controller Lab • Control Engineering Lab • Power Electronics Lab • Telemetry & Remote Control Lab • Circuit & Networks Lab • Process Control Lab • Electrical Measurement Lab • Microprocessor based System Lab • Instrumentation Lab for M.Tech. • Project Lab • Research Lab

Biotechnology

• Biochemistry Lab • Microbiology Lab • Fermentation Technology Lab • Bioinformatics Lab • Plant Tissue Culture Lab • rDNA (Genetic Engg.) Lab • Immunology Lab • Bio-reaction Engg. Lab • Molecular Biology Lab • Bioseparation Lab • Project Lab • Research Lab

Chemical Engineering

• Fluid Mechanics Lab • Heat Transfer Lab • Mass Transfer Lab • Mechanical Operations Lab • Instrumental Methods of Analysis Lab • Energy Lab • Chemical Reaction Engineering Lab • Process Control Lab • Numerical Methods of Analysis Lab • Process Equipment Design & Drawing Lab • Chemical Technology & Environmental Engg. Lab • Chemical Engg. Thermodynamics Lab • Project Lab • Research Lab

Computer Science & Engineering, Information Technology & MCA

• Basic Computing Labs – I & II • Database Management System Lab • Control System Lab • Computer Organization Lab • Central Computing Lab • Web Technology Lab • Microprocessor & Computer Organization Lab • Java Lab • Network Lab • System Admin. Lab • Linux Lab • Multimedia Lab • Mobile Computing Lab • Information System Analysis & Design Lab • Advance Computer Lab (M.Tech.) • Project Lab • Research Lab

Civil Engineering

Electronics & Communication Engineering

• Basic Electronics Engineering Lab • Digital Electronics & Integrated Circuit Lab • Analog Electronics & Circuit Lab • Advanced Communication Lab • Propagation & Antenna Lab • Microwave Engineering Lab • Digital Communication Lab • Analog Communication Lab • Electronics Design and Circuit Lab • VLSI Lab • DSP Lab • Communication Engg. Lab (M.Tech.) • Project Lab • Research Lab

Electrical Engineering

• Basic Electrical Engineering Lab • Electrical Machines Lab

Mr. Pradip Kumar Agarwal, Chief Executive Officer
Professor B.B. Paira, Director
Professor (Dr.) D.C. Ray, Joint Director
Professor (Dr.) S. Biswas, Principal
Professor (Dr.) Aloke Kr. Sen, Director (MEC)
Professor (Dr.) Tapan Kr Chakraborti, Director (MCA)
Professor (Dr.) Sobhen Ray, Registrar
Professor Jaharlal Basu, Head - HR
Commander (Retd.) S. Dey, Campus Administrator
Mr. Clayton M. Moses, Academic Advisor
Mr. Arvind Srivastava, Deputy Registrar
Mr. R. R. Kutty, Manager - Purchase
Mr. Manoj Saraogi, Manager - Finance & Accounts
Mr. Sunil Joshi, Project Manager
Mr. Manish Srivastava, Training & Placement Officer
Mr. D. Karmakar, System Administrator
Ms. Madhubanti Dutta, Deputy Manager - HR
Mr. Santosh K. Ray, Sr. Accounts Officer
Ms. Sarika Agarwal, Sr. Accounts Officer
Mr. Partha Sarathi Bhowal, Executive – BD & PR
Ms. Banishikha Bhattacharyya, Students' Counsellor
Ms. Sarbani Chakraborty, Administration-Executive
Mr. Narendra Bhattacharya, Asstt. Librarian
Mr. Satya Priya Rarhi, Executive-Legal

Mechanical Engineering

• Engineering Graphics Lab • Carpentry & Fitting Shop • Sheet Metal, Welding & Machine Shop

Chemistry

• Engineering Chemistry Lab

Humanities

• Language Lab

Physics

• Engineering Physics Lab

CENTRAL LIBRARY

The Central Library, presently housed in podium covering an area of 550 sq.m., is being shifted to a large air-conditioned hall of 1000 sq.m. area.

It has a generous collection of about 53,000 text and reference books on all relevant subjects. The Institute subscribes to a large number of journals, periodicals, proceedings, magazines & local and national dailies, which are available for the benefit of the readers. Facilities at the library are constantly upgraded and expanded. Some of the current facilities include - Reprographics, Internet and educational CDs. The Library is fully automated with LIBSYS and Online Public Access (OPAC) facility.

E-Journals are received through i) IEL Online and ii) Access Engineering Library (formerly Mc-Graw Hill's Digital Engineering Library). Besides, the Institute also subscribes for NPTEL, a joint initiative of IITs and IISc., Bangalore, funded by MHRD, GOI, thus allowing access to web courses and video courses., prepared by senior members of faculty of those institutes.

One unique feature of lending from the library is that each is allowed to retain one textbook for each subject during the entire period of a semester.

LECTURE AND TUTORIAL ROOMS

Classrooms are very spacious, airy and equipped with latest PA system, overhead projector and modern magnetic ceramic board. Separate tutorial rooms are also available for special classes.

COMPUTER CENTRE

A Central Computer Centre is exclusively available to the students for net surfing and online study. Besides, all post-graduate degree awarding departments have its own project laboratories for undertaking project, research and development works. All the computers are Wi-Fi connected with 8Mbps leased line for 24 hours. A Satellite Interactive Terminal (SIT), installed by ISRO and WBUT, with video conferencing facilities is also available.

STUDENTS' DISCIPLINE

The sanctity of the Institute must always be preserved through strict discipline, decent behaviour, respect for others and use of appropriate language. **As per Supreme Court verdict, directive of Govt. of West Bengal and AICTE guideline, any type of physical and / or psychological ragging is strictly prohibited within the campus and any student found contravening these regulations will be expelled from the Institute.** All students seeking admission to the Institute are required to submit a declaration, jointly signed by the respective guardians, that ragging being a social crime, he / she would never encourage / indulge in ragging and that in case found guilty, he / she shall be liable to be expelled from the Institute apart from imposition of a hefty fine and, as per Hon'ble Court's Order, the student would not be eligible for admission in any other Institute.

Smoking, consumption of alcohol, use of drugs, chewing pan and zarda are strictly prohibited within the campus. Offenders will be severely punished as per Institute's norms and practices.

STUDENTS' AMENITIES

Health Care

A medical unit is available in the campus besides arrangements with hospitals located nearby.

Hostel

Board and lodging facilities are available separately for outstation boys and girls. Seats are limited and allotted on a first-come-first-served basis.

Cafeteria

The Institute has an excellent cafeteria with a seating capacity for 200 persons. Multi-cuisine lunch and snacks are being served in the cafeteria. Besides, a fast food restaurant-cum-convenience stores is also there.



Students' Corner

Essential books, stationery etc., as well as reprographic facilities are available in the corner. One PCO has also been installed there for the convenience of the students.

Common Room

The Institute has Common Rooms for boys and girls, equipped with indoor games facilities like table tennis, carom, chess etc.

Games & Sports

There are excellent facilities for outdoor games and sports like cricket, football, volleyball, basketball, golf and swimming, managed by a Sports Officer and a Swimming Instructor.

Transportation

Transportation is available from prominent locations in Kolkata at scheduled hours based on students' demand. Transport facilities for members of faculty and staff, as also for visitors, are available from the Traffic island near Ruby General Hospital.

Banking

Punjab National Bank extension counter is located within the campus with 24-hour ATM facility for the benefit of students and members of staff. It also extends various soft loans.

Postal facilities

All postal facilities are available at East Kolkata Township P.O. located nearby; besides there is an extension counter of a reputed courier service inside the campus.

STUDENTS' ACTIVITIES & ACHIEVEMENTS

- There is a Students' Council constituted with sub-committees like Cultural, Academic, Magazine, Games and Sports &



various Clubs to encourage and organize various co-curricular and extra curricular activities. The annual Cultural Festival – ECLECIA is organized with much fanfare and enthusiasm since the inception of the Institute.

- The Institute has Students' Chapters of Computer Society of India (CSI), Instrumentation, Systems & Automation Society (ISA), Indian Institute of Chemical Engineers (IICChE) and Institute of Electrical & Electronics Engineers (IEEE). The Chapters frequently organize seminars, debates and workshops inviting experts from industry and academia.
- To encourage activities pertaining to robotics and participation by HITK students in robotics competition, both within and outside the campus, a robotics society – iRobotiX – has taken shape at the Institute.
- The Institute has a Photography, Film and Drama Club : Prabhasvana, under the aegis of the Students' Council. Also, there is a Social Awareness & Community Service Club (SPARSH).
- To fulfill societal commitment, Rotaract Club of the Institute (Udaan) under the parent body Rotary Club of Mahanagar has been established, in addition to an active cell of NSS.
- To encourage entrepreneurship activities, an E-Cell (OORJA) has been formed for coordinating with National Entrepreneurship Network (NEN).
- The Institute's Foundation Day, which falls on Teachers' Day (5th September), is celebrated with enthusiasm and reverence to the teaching fraternity. Students also organize Freshers' Welcome to induct the new-comers to the Heritage family and Farewell ceremony for the outgoing students.
- An Alumni Association is functional and may be reached at www.alumniheritage.com
- Students Outstanding Achievements

Success at University Examinations

University Toppers covering all disciplines

- Shri Dipan Chatterjee, topper in BT (M.Tech) in 2009 stood 1st amongst successful candidates covering all disciplines, securing 9.87 DGPA.
- Ms. Debosmita Chakraborty, topper in BT (B.Tech) in 2007 stood 1st amongst successful candidates covering all disciplines, securing 9.44 DGPA and was specially awarded by the WBUT.
- Ms. Anwesha Chakraborty, topper in Ch.E (B.Tech) in 2006 stood 1st amongst successful candidates covering all disciplines, securing 9.43 DGPA and was specially awarded by the WBUT.

Medallists

- 3 (three) gold medals, 3 (three) silver medals and 2 (two) bronze medals were awarded by the WBUT in the 6th Convocation held in 2010 to our B.Tech, M.Tech. & MBA Students.
- 5 (five) gold medals, 5 (five) silver medals and 3 (three) bronze medals were awarded by the WBUT in the 5th Convocation held in 2009 to our B. Tech, M. Tech. & MBA Students.
- 3 (three) gold medals, 2 (two) silver medals and 1 (one) bronze medal were awarded by the WBUT in the 4th Convocation held in 2008 to our B. Tech & M. Tech. Students.
- 4 (four) gold medals, 3 (three) silver medals and 1 (one) bronze medal were awarded by the WBUT in the 3rd Convocation held in 2007 to our B. Tech & MBA students.
- 3 (three) gold medals, 2 (two) silver medals and 3 (three) bronze medals were awarded by the WBUT in the 1st - 2nd Convocation held in 2006 to our B. Tech & MBA students.

Success at GATE 2010 (All India Rank upto 100 quoted)

Name / Branch / Year	All India Rank
Biotechnology	
Shri Shounak Banerjee, 4th year	20
Ms. Sayoni Das, 4th year	24
Ms. Anwesha Ghosh, 4th year	33
Ms. Ishita Paul, 4th year	89
Chemical Engineering	
Ms. Sampa Das, 4th year	30
Ms. Akancha, 4th year	78
Electronics & Communication Engineering	
Shri Sudipto Kundu, 4th year	22

Success at GATE 2009 (All India Rank upto 100 quoted)

Name / Branch / Year	All India Rank
Chemical Engineering	
Ms. Shamayita Kanungo, Ch.E., 4th year	6
Shri Sandip Mondal, Ch.E., 4th year	49
Shri Dipankar Pal, Ch.E., 4th year	72
Computer Science & Engineering	
Ms. Sweta Kanodia, CSE, 4th year	16
Shri Arghya Roychowdhury, CSE, 4th year	71

Success at GATE 2008 (All India Rank upto 100 quoted)

Chemical Engineering	
Shri Abhinandan Chiney, 4th year	7

Success at GRE 2009 (Scores above 1300 quoted)

Shri Devajeet Kar, AEIE, 4th year (1460)
Shri Druhin Bala, AEIE, 4th year (1400+)
Ms. Shalini Dey, AEIE, 4th year (1380)
Shri Somtirtha Roy, AEIE, 4th year (1360)

Other Success Stories

- Shri Moitreyia Chatterjee, 7th batch CSE was selected for Best Student Award for the year 2010-2011 by TCS
- Cricket team of the Institute won the Inter-College Cricket Meet 2011 organized by BESU defeating Netaji Subhas Engineering

Success at CAT

2010

Shri Piyush Saraogi (ChE), with 99.78 percentile
Ms. Nishita Tibrewala (IT), with 97.2 percentile
Shri Tirthankar Chowdhary (CSE), with 96.05 percentile

2009

Shri Anurag Agarwal (Ch.E), with 99.54 percentile
Ms. Poulami Dhar (ECE), with 99.4 percentile
Shri Azar Zia (ECE), with 99.28 percentile
Shri Gautam Guiliani (ECE), with 99.2 percentile
Shri Arka Jyoti Roychowdhuri (AEIE), with 98.5 percentile
Shri Rahul Padia (AEIE), with 98.38 percentile
Ms. Richa Poddar (ECE), with 98.14 percentile
Shri Gourav Bhuwania (ECE), with 97.59 percentile

2008

Ms. Namita Jain (Ch.E.), with 99.2 percentile
Ms. Sonam Bachhuka (Ch.E.), with 94.0 percentile
Shri Kunal Chakraborty (Ch.E.), with 92.0 percentile
Shri Abhishek Chatterjee (Ch.E.), with 91.2 percentile
Shri Subhajeet Bijon Kr. Deb (Ch.E.), with 90.0 percentile

College in the final held on 11.03.2011. Besides winning the Champion's Trophy, Shri Debatanu Biswas, 9th batch IT, who scored 35 runs and conceded 9 runs in 7 overs with 5 wickets, was declared the Man of the Final as well as the Man of the Series

- Football team of the Institute won the Inter-College Football Meet 2011 organized by BESU defeating Techno India, Salt Lake in the final held on 14.04.2011. Besides winning the Champion's Trophy, Shri Satadri Chanda was declared the Man of the Tournament.

- Shri Ajay Kumar Singh, Shri Snehashis Paul, both belonging to 10th batch ECE and Shri Vivek Kumar Verma, 10th batch CSE won the 2nd prize in the event Man Vs. Nature in the Techno-Management Fest KRITANSH'2011 organized by KIIT, Bhubaneswar during 14-16.02.2011.

- Table Tennis teams of the Institute won the Inter College TT Tournament 2011 organized by Maulana Azad College during 11-12.02.2011. They won the Champion's as well as Runner's Up Trophies both in Men's Singles and Men's Doubles. Winners (Doubles) were Shri Soham Barman, and Shri Nilotpal Mukherjee, both belonging to 7th batch AEIE, while winner (Singles) was Shri Soham Barman.

- In ChemInsight 2010, a symposium organized by the Dept. of Chem. Engg., IIT, Kharagpur

Shri Saikat Bhattacharjee and Shri Kaustav Kundu, both belonging to 7th batch-ChE, secured first position in the event Cheminnovation.

- In Aspiration 2020 : a contest series for engineering students organized by the Campus Connect Team of Infosys and sponsored by Infosys Technologies Ltd., held during December 2009 to March 2009

About 10,000 students from 60 different engineering colleges in the Eastern Region participated in the above contest.

Final and pre-final year B.Tech. and final year MCA students participated in the contest under the mentorship of Dr. Nirmalya Prasun Nayak, Dept. of Physics.

Shri Saurabh Singhania, 5th batch-IT bagged Champion's Trophy in the Distinguished Student contest