

National 2012

- Mr. Ayan Dutta and Mr. Suparno Datta, both 2011 B.Tech. graduates in CSE, won Innovative Student Project Awards 2012 in the Bachelor's Level from Indian National Academy of Engineering for their project entitled "Distributed Algorithm for Grid Formation by Anonymous Transparent Fat Robots"
- Ms. Ayesha B. Khandekar, Mr. Rupesh Agarwal, Ms. Payal Chirania and Mr. Sayantan Ghosh, all 3rd year B.Tech. students pursuing BT selected out of 1315 students for SRFP (Summer Research Fellowship Programme) 2012, sponsored by IAS (Indian Academy of Sciences), INSA (Indian National Science Academy) & TNASI (The National Academy of Sciences, India)
- The Institute has won the Entrepreneurship Week India 2012 Champion Runner Up Award organized by NEN; more than 5000 events were conducted in which over 600000 participants took part and millions of more people witnessed rallies, heard radio clips, and saw photos and stories.

2011

- Shri Moitrey Chatterjee, 7th batch CSE was selected for Best Student Award for the year 2010-2011 by TCS and was presented a Gold Medal and a cheque for Rs. 10,000/- only on 21st March, 2011 by Mr. R.N. Lahiri, Principal Consultant in presence of Mr. Kushal Banerjee, Senior Consultant, both from TCS. Shri Chatterjee is one of two such recipients from the Eastern Region of India.
- Shri Ajay Kumar Singh, Shri Snehasis 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.

2010

- 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.
- The Institute awarded by NEN "The Champions Award in E-Week India 2010" and the award for "The Best Public Awareness Campaign"

Attainments in Games & Sports

2012

- Won the Inter College Football Tournament organized by the Pailan Group defeating RCC Institute of Information Technology by 2 goals on 12.03.2012

2011

- Won the Inter College Football Tournament organized by BESU defeating Techno India, Salt Lake in the final held on 14.04.2011; besides winning the Champions Trophy, Shri Satadri Chanda was declared Man of the Tournament.
- Cricket team of the Institute won the Inter-College Cricket Meet 2011 organized by BESU defeating Netaji Subhas Engineering 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
- 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.

Attainments in Cultural Activities

- 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

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

- 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 and 10% under Management Quota for candidates qualified through WBEE / 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 as per eligibility criteria prescribed by WBUT. All applicants for admission to M.Tech. programme except those having valid GATE score should sit for a written test. However, those having GATE have to fill in the application form and submit the same to WBUT along with prescribed fee.

Eligibility criteria :

A candidate must be a citizen of India having a relevant AICTE recognized Bachelor's Degree in Engineering / Technology or equivalent.

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

- 5% seats reserved for admission under Tuition Fee Waiver Scheme introduced by AICTE and approved by Government of West Bengal
- 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
- Assistance for 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 securing 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

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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: kalyanbharitrust@vsnl.net

INFO DESK : 9830201234



Information Brochure



Heritage Institute of Technology

Where learning is an interactive evolutionary process...

2012

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

Existing Academic Programmes

At present, the Institute offers 4-year B.Tech Degree programmes in the following disciplines:

UNDERGRADUATE PROGRAMMES	
Disciplines	Approved Intake*
Applied Electronics & Instrumentation Engineering (AEIE)**	60
Biotechnology (BT) **	60
Chemical Engineering (ChE)	60
Computer Science & Engineering (CSE)	120
Electronics & Communication Engineering (ECE) **	180
Information Technology (IT) **	60
Mechanical Engineering	60
Civil Engineering	60
Electrical Engineering	60

POSTGRADUATE PROGRAMMES	
Disciplines	Approved Intake*
M.Tech. in Applied Electronics & Instrumentation Engineering (2-year)	18
M.Tech. in Biotechnology (2-year)	18
M.Tech. in Computer Science & Engineering (2-year)	36
M.Tech. in Electronics & Communication Engineering (2-year)	18
M.Tech. in Electronics & Communication Engineering - VLSI (2-year)	18
M.Tech. in Information Technology (2-year)	18
Master of Business Administration (MBA-FT) (2-year)***	180
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 20% of the approved intake.

** Applied for renewal of accreditation by NBA, AICTE

*** Applied for accreditation by NBA, AICTE

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 inter-disciplinary 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. For percentage equivalent of grade points for a 10 point scale, the following table, as notified by the AICTE, may be referred to :

GRADE POINT	PERCENTAGE OF MARKS	GRADE POINT	PERCENTAGE OF MARKS
6.25	55	7.75	70
6.75	60	8.25	75
7.25	65		

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

- 2 (two) gold medals, 4 (four) silver medals and 3 (three) bronze medals were awarded by the WBUT in the 7th Convocation held in 2011 to our B.Tech. & M.Tech. students.
- 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.

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.

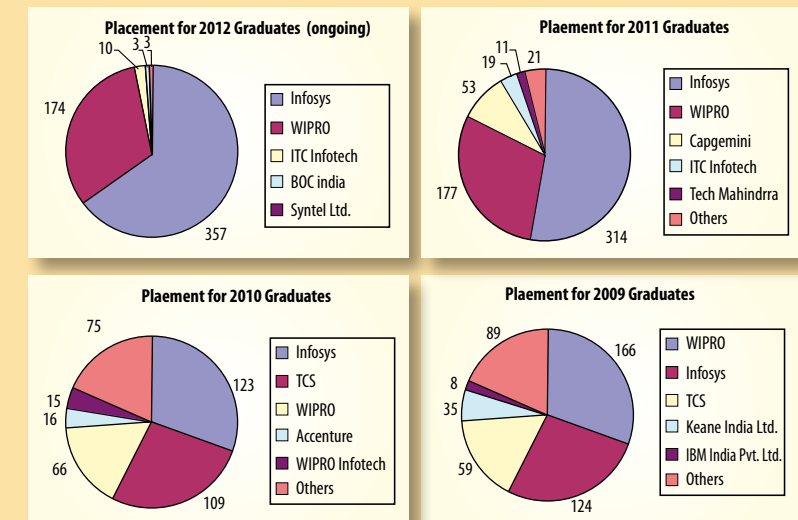
- **Training:** The Cell organizes certain orientation programmes, grooming sessions, mock interview sessions for students of each stream. Besides, the Cell organizes various summer internship programmes for students to provide them with hands-on experience and introducing them to the professional environment.
- **Student Exchange:** The Institute signed an agreement 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, 2010, 2011 and the fifth 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 Industrial Houses, in which students have been placed through campus interview, our listed below.

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

The T&P Cell has an excellent record of placement. Industry-wise break-ups for B.Tech. graduates 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 for learning beyond curriculum. For MBA students, Management Development Programmes (MDPs) are conducted regularly by the Management Education Centre. 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

International :

- MOU signed with University of Massachusetts, Lowell, USA for a variety of joint academic and educational activities
- 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
- Agreement 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.

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
- Industry-Institute Partnership Cell (IIPC) constituted with financial grant from AICTE for promoting collaborations with Industry

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, ChE

Professor (Dr.) Dulal Chandra Ray, Joint Director & Professor, ME

Professor (Dr.) Sambhunath Biswas, Deputy Director & Professor, ECE

Professor (Dr.) Pranay Chaudhuri, Principal & Professor, IT

Academic Departments:

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

Prof. (Dr.) Madhurima Chattopadhyay, Professor
Prof. Arabinda Kumar Pal, Associate Professor & HOD
Prof. Arun K. Ray, Associate Professor
Prof. Surajit Bagchi, Associate Professor
Prof. (Dr.) Santanu Ghosh, Associate Professor
Ms. Sreeparna Dasgupta, Assistant Professor
Mr. Soumik Das, Assistant Professor & DC
Mr. Pradip Saha, 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. Saurabh Pal, Assistant Professor
Ms. Somdatta Banerjee, Lecturer (on lien)

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

Professor (Dr.) Subhabrata Sengupta, Professor
Professor (Dr.) Dipankar Chaudhuri, Associate Professor
Prof. (Dr.) Srabanti Basu, Assistant Professor & HOD
Ms. Bhaswati Chakraborty, Assistant Professor
Dr. Nandan Kumar Jana, Assistant Professor
Dr. Sama Banerjee, Assistant Professor
Mr. Riddhi Goswami, Assistant Professor & DC
Dr. Tapan Kumar Ghosh, Assistant Professor
Dr. Kakali Mukherjee, Assistant Professor
Dr. Ruplekha Chatterjee, Assistant Professor
Ms. Sudipta Dey, Assistant Professor
Dr. Rakha Majumdar, Assistant Professor
Ms. Sonali Hazra, Assistant Professor
Mr. Plaban Chaudhuri, Assistant Professor

Chemical Engineering (B.Tech.)

Professor B.B. Paira, Director & Professor
Professor (Dr.) Pinaki Bhattacharya, Professor
Professor (Dr.) Pranab Kr. Sengupta, Emeritus Fellow
Professor (Dr.) Swami Vedajnananda, Professor
Professor (Dr.) Sulagna Chatterjee, Professor
Professor Bibhuti Ranjan Saha, Associate Professor & HOD
Dr. Alok Kumar Sen, Assistant Professor
Dr. Sangita Bhattacharjee, Assistant Professor & DC
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. Tirthankar Sengupta, Lecturer (on lien)

Civil Engineering (B.Tech.)

Professor (Dr.) Rabindra Das Purakayastha, Professor & HOD

Mr. Tuhin Subhra Konar, Assistant Professor

Computer Application Centre (MCA)

Professor (Dr.) Tapan Chakraborty, Director, CAC & Professor
Mr. Souvik Basu, Assistant Professor & DC
Mr. Debabrata Kar, Assistant Professor
Ms. Sudeshna Ghosh (Goswami), 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
Mr. Suman Ghosh, Assistant Professor

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

Professor (Dr.) Subhashis Majumdar, Professor & HOD
Professor (Dr.) Amitava Bagchi, Professor
Professor (Dr.) Prosenjit Gupta, Professor
Professor. 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
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. Shilpi Saha, Assistant Professor
Mr. Samik Banerjee, Assistant Professor
Ms. Nilina Bera, Assistant Professor
Mr. Sabyasachi Banerjee, Assistant Professor
Ms. Nilanjana G. Basu, Assistant Professor
Ms. Reshma Roy Choudhuri, Assistant Professor
Mr. Kamal Poddar, Sr. Lecturer
Ms. Anindita Ghosh, Lecturer
Mr. Partha Mukherjee, Assistant Professor (on lien)
Mr. Sayan Kr. Ray, Lecturer (on lien)
Ms. Padmaja Bose, Assistant Professor (on lien)

Electrical Engineering (B.Tech.)

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

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

Professor (Dr.) Sambhunath. Biswas, Dy. Director & Professor
Professor (Dr.) Pabitra Kumar Ray, Professor
Professor Siladitya Sen, Associate Professor & HOD
Professor Prabir Banerjee, Associate Professor
Mr. Krishanu Datta, Associate Professor
Ms. Sriparna Bhattacharya, Assistant Professor
Ms. Sayantani Datta, Assistant Professor
Mr. Dulal Mondal, Assistant Professor
Mr. Arindam Ray, Assistant Professor
Mr. Atanu Kundu, Assistant Professor & DC
Ms. Asima Adak, Assistant Professor
Mr. Soumya Chatterjee, Assistant Professor
Ms. Mousiki Kar, Assistant Professor
Mr. Subhajit Chakraborty, Assistant Professor
Mr. Moloy Kr. Chowdhury, Assistant Professor
Md. Shahnawaz, Assistant Professor
Ms. Gargi Roy, Assistant Professor
Mr. Shib Shankar Bhowmick, Assistant Professor
Mr. Abhishek Das, Assistant Professor
Mr. Rajib Ranjan Pal, Assistant Professor
Ms. Madhumita Mukherjee, Assistant Professor
Mr. Susovan Mondal, Assistant Professor
Mr. Somenath Das, Assistant Professor
Mr. Tapas Chakraborty, Assistant Professor
Ms. Chandrima Roy, Assistant Professor
Ms. Sumani Chakraborty (Mukherjee), Assistant Professor

Information Technology (B.Tech. & M.Tech.)

Professor (Dr.) Pranay Chaudhuri, Principal & Professor
Professor (Dr.) Narayan Ch. Maiti, Professor & HOD
Professor (Dr.) Anindya Jyoti Pal, Associate Professor
Mr. Hemanta De, Assistant Professor
Ms. Satarupa Biswas, Assistant Professor & DC
Mr. Rudranath Mitra, Assistant Professor
Mr. Sandipan Dutta, Assistant Professor
Mr. Susobhan Baidya, Assistant Professor
Ms. Rituparna Samaddar, Assistant Professor
Mr. Sudipta Bhadra, Assistant Professor
Mr. Uttam Kumar Dash, Assistant Professor
Mr. Deep Malya Mukhopadhyay, Assistant Professor
Ms. Smitikona Barai, Assistant Professor
Mr. Bappa Sardar, Assistant Professor
Mr. Rajib Biswas, Assistant Professor
Ms. Sumana Datta, Assistant Professor

Management Education Centre (MBA)

Professor Prabir Roy, Executive Director, KBT & Professor
Professor (Dr.) Alok Kr. Sen, Director (MEC) & Professor
Professor (Dr.) Alok Ray, Professor
Professor (Dr.) Subrato Bhadury, Professor
Professor Jaharal Basu, Professor
Dr. Amal Kumar Ray, Associate Professor
Mr. Koushik Dutta, Associate Professor
Mr. Sitangshu Khatua, Associate Professor
Prof. (Ms.) Bobby Basu, Assistant Professor
Prof. (Dr.) Gagan Pareek, Assistant Professor & DC
Prof. Dilip Kumar Maity, Assistant Professor & DC (PT)

Prof. Soumya Sankar Ray, Assistant Professor
Ms. Swagata Sengupta, Assistant Professor
Dr. Chitra Bagchi, Assistant Professor
Ms. Sanghamitra Brahma, Assistant Professor
Dr. Madhurima Ganguly, Assistant Professor
Dr. Rimu Chaudhuri, Assistant Professor
Mr. S.K. Chakraborty, Assistant Professor
Mr. Chittaranjan Pani, Assistant Professor
Mr. Manoj Saraogi, Assistant Professor

Mechanical Engineering (B.Tech.)

Professor (Dr.) Dulal Chandra Ray, Joint Director & Professor
Professor (Dr.) Siddhartha Ray, Professor & HOD
Mr. Arghya Bose, Assistant Professor
Mr. Sukanta Sarkar, Assistant Professor
Mr. Arup Jyoti Bhowal, Assistant Professor & DC
Mr. Nilabha Sankar Mitra, Assistant Professor
Mr. Jayanta Das Assistant Professor

Other Departments

Chemistry

Dr. Debarati Dey, Assistant Professor & DC
Dr. Ratna Mukherjee, Assistant Professor
Dr. Shreedhara Gupta, Assistant Professor
Dr. Anandalok Audhya, Assistant Professor
Dr. Ruma Roy Chaudhuri, Assistant Professor
Ms. Ritu Mishra, Assistant Professor

Humanities

Dr. Suparna Chakraborty, Assistant Professor & DC
Ms. Aditi Bhunia Chakraborty, Assistant Professor
Mr. Arindam Das, Assistant Professor
Dr. Kasturi Guha Thakurta, Assistant Professor
Ms. Saptaparna Roy, Assistant Professor
Mr. Sriman Banerjee, Assistant Professor

Mathematics

Dr. Anindita Maitra Bhattacharyya, Assistant Professor
Mr. Nirman Ganguly, Assistant Professor
Ms. Moulipriya Sarkar, Assistant Professor & DC
Ms. Arpita Paul, Assistant Professor
Mr. Sandip Chatterjee, Assistant Professor
Ms. Jhumpa Bhadra, Assistant Professor
Mr. Jyotishman Chatterjee, Lecturer
Mr. Indranil Chakraborty (on Study Leave), Lecturer

Physics

Professor (Dr.) Nirmalya Prasun Nayak, Associate Professor & HOD
Professor (Dr.) Joydeep Roy, Assistant Professor
Dr. Ajanta Das, Assistant Professor & DC
Dr. Mili Das, Assistant Professor
Dr. Kamalika Hazra (Basu), Assistant Professor
Dr. Sudeepo Sen, Assistant Professor
Dr. Dibyendu Mal, Assistant Professor
Dr. Abhijit Samanta, Assistant Professor

Management & Administration

Mr. Prabir Roy, Executive Director, KBT
Mr. Pradip Kumar Agarwal, Chief Executive Officer, KBT

Professor B.B. Paira, Director
Professor (Dr.) D.C. Ray, Joint Director
Professor (Dr.) S. Biswas, Dy. Director
Professor (Dr.) Pranay Chaudhuri, Principal
Professor (Dr.) Alok Kr. Sen, Director (MEC)
Professor (Dr.) Tapan Kr Chakraborty, Director (CAC)
Professor (Dr.) Sobhen Ray, Registrar
Professor Jaharal Basu, Head - HR
Commander (Retd.) S. Dey, Campus Administrator
Mr. Clayton M. Moses, Academic Advisor
Dr. Binod Behari Das, Advisor-Library
Mr. Arvind Srivastava, Deputy Registrar
Mr. R. R. Kutty, Manager - Purchase
Mr. Manoj Saraogi, Manager - Finance & Accounts
Mr. Sunil Joshi, Project Manager
Mr. R A Swaminathan, Head - Training & Placement Officer

Mr. D. Karmakar, System Administrator
Mr. Chittaranjan Pani, Sr. System Executive
Mr. D. Chatterjee, Manager-Maintenance
Ms. Madhubanti Dutta, Deputy Manager- HR
Mr. Santosh K. Ray, Sr. Accounts Officer
Ms. Sarika Agarwal, Sr. Accounts Officer
Mr. Sanjay Agarwal, Sr. Project Coordinator
Mr. Partha Sarathi Bhowal, Executive - BD & PR
Ms. Banishikha Bhattacharyya, Students' Counsellor
Ms. Sarbani Chakraborty, Administration-Executive
Mr. Avijit Basu, Manager-Security
Mr. Saibal Kumar Maity, Section Officer-I
Mr. Sunil Singh, Sports Officer
Mr. Susanta Das, Purchase Officer
Mr. Subrata Naskar, Stores Officer
Mr. Arunava Mazumdar, Section Officer-II
Mr. Satya Priya Rarhi, Executive-Legal

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 • Design Lab • Instrumentation Lab for M.Tech. • Project Lab • Research Lab

Biotechnology

• Biochemistry Lab • Microbiology Lab • Basic Environmental Engineering and Elementary Biology Lab • Fermentation Technology Lab • Bioinformatics Lab • Plant Tissue Culture Lab • rDNA Lab • Immunology Lab • Enzyme Technology Lab • Molecular Biology Lab • Downstream Processing Lab • Project Lab • Research Lab • Genetic Engg. 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 Computation Lab • Process Equipment Design & Drawing Lab • Project Lab • Research Lab

Computer Science & Engineering, Information Technology & MCA

• Basic Computing Labs - I & II • Database Management System Lab • Computer Organization Lab • Central Computing Lab • Visual Programming & Web Technology Lab • Data Structure & Algorithm Lab • Software Tools Lab • Computer Architecture Lab • System Admin. Lab • Numerical Practice Lab • Computer Graphics & Multimedia Lab • Operating System Lab • Computer Network Lab • Object Technology Lab • Artificial Intelligence Lab • Data Communication & Networking Lab • Advance OS Lab (M.Tech.) • Advance Programming & Problem Solving Lab (M.Tech.) • Advance Network Lab (M.Tech.) • Advance DBMS Lab (M.Tech.) • Project Lab • Research Lab

Electronics & Communication Engineering

• Basic Electronics Engineering Lab • Digital Electronics & Integrated Circuit Lab • Analog Electronics & Circuit Lab • Advanced Communication Lab • EM Theory & Tx Lines Lab • Microwave Engineering Lab • Digital Communication Lab • Solid State Devices Lab • Signal System Lab • Control System Lab • EDA Lab • Electronics Circuit Design Lab • VLSI Circuits & Systems Lab • DSP Lab • Communication Engg. Lab (M.Tech.) • Project Lab • Research Lab

Electrical Engineering

• Basic Electrical Engineering Lab

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 an air-conditioned hall covering an area of 750 sq.m.

It has a generous collection of about 54,000 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 & E-books are received through i) ASTM Digital Library, ii) IEEE (ASPP), iii) J-GATE (E&T, Mgmt), iv) RMIT, v) EPW and vi) SAGE Online. 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.

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. Model classrooms are fitted with LCD projectors.

Central Computing Facilities

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 20Mbps leased line for 24 hours. A Satellite Interactive Terminal (SIT), installed by ISRO and WBUT, with video conferencing facilities is also available.

Student's 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 and Annual Technical Fest – DAKSHH are organized with much fanfare and enthusiasm.
- ❖ The Institute has Students' Chapters of Computer Society of India (CSI), Instrumentation, Systems & Automation Society (ISA), Indian Institute of Chemical Engineers (IIChe) 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 ED Cell has been constituted with financial assistance from AICTE besides close coordination of the Institute with NEN (National Entrepreneurship Network).
- ❖ 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.
- ❖ e-journals published :
 - 1st e-journal on VLSI named "Heritage of VLSI Design and Technology" published with the initiative taken by 1st year ECE VLSI M.Tech. students
 - 3rd edition of e-magazine published by the Dept. of ECE in March 2012
- ❖ Wall magazines on Biotechnology and Information Technology are published by the students of the respective departments on a regular basis.
- ❖ An Alumni Association is functional and may be reached at www.alumniheritage.com

Outstanding Students' Achievements in Competitive Examination

Success at CAT

2011

- Mr. Abhishek Ganeriwala (IT) with 99.96 percentile, • Ms. Ipsa Kalra (ECE) with 99.12 percentile, • Mr. Yash Agarwal (IT) with 98.67 percentile, • Ms. Niyati Jhunjhunwala (ECE) with 98.53 percentile, • Ms. Amita Das (ECE) with 94 percentile, • Mr. Gourav Agarwal (IT) with 92.5 percentile

2010

- Shri Piyush Sarangi (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 Bhuvania (ECE), with 97.59 percentile • Shri Abhishek Patra (ECE), with 97.5 percentile • Shri Chandrasekhar (ECE), with 97.44 percentile • Shri Arka Chatterjee (ECE), with 97.27 percentile • Shri Sourav Yadav (ECE), with 96.4 percentile • Shri Vijay Motwani (ECE), with 96.34 percentile • Shri Santosh Bhuniya (ECE), with 95.0 percentile • Shri Bhairav Mehta (ECE), with 94.89 percentile • Shri Sourish Day (ECE), with 94.89 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

Success at GATE 2012 (All India Rank upto 200)

Name / Branch / Year	All India Rank
Biotechnology	
Ms. Banhi Biswas, 4th year	45
Ms. Neh Nupur, 4th year	119
Ms. Esha Mal, 4th year	193
Electronics & Communication Engineering	
Shri Sourav Chatterjee, 4th year	67

Success at GATE 2011 (All India Rank upto 100)

Name / Branch / Year	All India Rank
Information Technology	
Shri Varun Tulsian, 4th year	6
Biotechnology	
Shri Bhaskar Kumar Chatterjee, 4th year	93
Chemical Engineering	
Shri Suvayan Guha Ray, 4th year	99

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

Name / Branch / Year	All India Rank
Biotechnology	
Shri Shounak Banerjee, 4th year	20

Success at GRE 2011: • Shri Akhil Kamath, ECE, 4th year (324 out of 340) • Shri Sayan Lahiri, ECE, 4th year (320 out of 340) • Shri Ankit Ganguly, ECE, 4th year (317 out of 340) • Ms. Adrish Chakraborty, ECE, 4th year (314 out of 340) • Shri Satadri Chanda, ECE, 4th year (1200 out of 1600)

Success at GRE 2010 (Scores above 1300 quoted) • Shri Subhadrata Ghosal, ECE, 4th year (1400) • Shri Soumya Banerjee, ECE, 4th year (1330) • Ms. Amrita Sahu, ECE, 4th year (1310)

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 attainments

Attainments in Academic Activities

International

2010

- ❖ **Ms. Sayani Das**, 5th batch BT is the only candidate in Molecular Biology nominated from India for Commonwealth Scholarship
- ❖ **Shri Avishek Patra**, 6th batch ECE has got offer for admission to MS programmes conducted by 10 different Universities round the globe and finally decided to join the MS programme in Communication Engineering conducted by RWTH Aachen University, Aachen, Germany, which is perhaps the best in Germany and Europe.
- ❖ **Shri Apratim Bhattacharya**, 5th batch Ch.E., received offers from Temple University (Philadelphia), University of Rhode Island and Lehigh University and has finally decided to take up the offer of a full scholarship at Lehigh University for his Ph.D.
- ❖ **Ms. Anwesha Ghosh**, 5th batch BT, received offer of full scholarship from Rochester University for her Ph.D.
- ❖ **Shri Devajeet Kar**, 6th batch, AEIE received offer for studying MS at University of Florida (Gainesville) with partial funding.
- ❖ **Shri Somtirtha Roy**, 6th batch, AEIE received offer for his MS at Utah State University
- ❖ **Shri Sourav Nag**, 6th batch, AEIE received offer for his MS at University of Buffalo
- ❖ **Shri Rudraksha Dutta Majumdar**, 5th batch, Ch.E. received offer for studying MS at University of Lethbridge, Canada.

2009

- ❖ **Shri Amitabh Nag**, 1st batch ECE, successfully defended his Ph.D. dissertation entitled "Electromagnetic Signatures of Lightning Processes : Measurements & Modelling" at the University of Florida, USA on 08.12.2009
- ❖ **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", published by Springer Verlag
- ❖ **Shri Swarnendu Mukherjee**, 5th batch-CSE is an excellent researcher who graduated in 2009 and is already having a large number of papers to his credit : 7 published in referred journals and 9 in Conference proceedings, all during his student career