

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 passed out only in 2009 and published a large number of papers : 7 published in referred journals and 9 in Conference proceedings, all during his student career

National

2012

- ❖ **Mr. Deborshi Chakraborty**, 2nd yr M.Tech. student in AEIE received Best Poster Paper Award in 5th International Conference on Computers & Devices for Communication (CODEC 2012) organized by Institute of Radio Physics & Electronics, CU, sponsored by IEEE Calcutta Section
- ❖ **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 Circle 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 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 people witnessed rallies, heard radio clips, and saw photos and stories.

2011

- ❖ **Shri Moitreyee 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 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.



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 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., also secured 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) (4-year duration)

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 Examinations Board / Central Board of Secondary Education and recommended by the WBJEE Board
- 80% seats to be filled up by WBJEE candidates, 10% by JEE (Main) candidates and 10% under Management Quota for candidates qualified through WBJEE / JEE (Main)
- Lateral Entry of diploma holders and B.Sc. degree holders through JELET conducted by WBJEE Board in the 2nd year with an additional intake of 20% of the approved intake.

Master of Technology (M.Tech.) (2-year duration)

Admissions are made from candidates allotted by WBUT as per eligibility criteria prescribed by them (which is a relevant AICTE recognized Bachelor's Degree in Engineering / Technology or equivalent). All applicants for admission to M.Tech. programme except those having valid GATE score should sit for a written test (PGET) conducted by WBUT. However, those having GATE score have to fill in the application form and submit the same to WBUT along with prescribed fee.

Master of Computer Application (MCA) (3-year duration)

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 and recommended by the West Bengal Joint Entrance Examinations Board. 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
- Teaching Assistantship of Rs. 8,000/- pm available to deserving non-GATE M.Tech. students under TEQIP-II
- 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

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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Ph: +91 33 24430454/56/57/ 1255~58/1790 Fax: +91 33 24430455/1794
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...

2013

Introduction

Inspired by the noble cause of education and philanthropic zeal, a group of Kolkata based like-minded industrialists joined hands to form a public 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.

Kalyan Bharti Trust

BOARD OF TRUSTEES

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

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 Chilangia 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 Perival Pioneer Urban Land & Infrastructure Ltd.
Shri Sadhuram Bansal Skipper Steels 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 Pvt. Ltd.	Shri Siddharth Swarup Paharpur Cooling Towers Ltd.
Shri Manoj Sharma (Exec. Trustee) Vikram India Ltd.	

Existing Academic Programmes

Disciplines	Approved Intake	
	UG	PG
Applied Electronics & Instrumentation Engineering	60**	18
Biotechnology	60**	18
Chemical Engineering	60***	--
Civil Engineering	60	--
Computer Science & Engineering	120***	36
Electrical Engineering	60	--
Electronics & Communication Engineering	180**	18
Electronics & Communication Engineering (VLSI)	--	18
Information Technology	60**	18
Mechanical Engineering	60	--
MCA	--	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.

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.

The Institute has been selected for award of grant under TEQIP-II for improving the quality of teaching learning process and research work with a view to enhancing employability 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.

Performance in Univ Exams

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 9.92 in the scale of 10.

University Toppers covering all disciplines

- Ms. Arpita Das, topper in AEIE (M.Tech.) in 2012 is likely to become the topper covering all disciplines, since she has secured 9.92 DGPA
- 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. Anvesha 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 (last 3 years quoted)

- 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.

Training & Placement

The T&P Cell complements the efforts of the members of faculty by organizing training and on- and off-campus interviews. **HIT-K does not ensure employment to allure students. However, an all-out effort is made to groom the students for enhanced employability.**

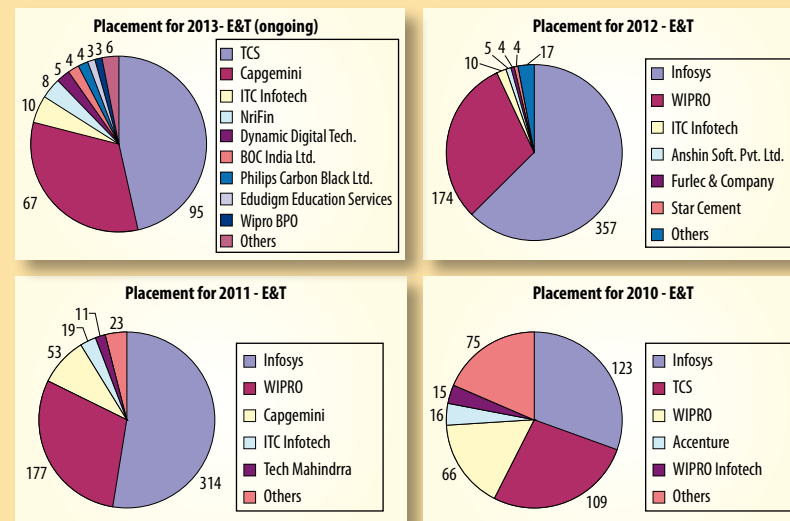
- **Training:** The Cell organizes certain orientation programmes, grooming sessions, mock interview sessions for students of each stream. Besides, the Cell organizes various summer internship programmes for students to provide them with hands-on experience and introducing them to the professional environment.
- **Summer Research:** The Institute signed an agreement with New Jersey Institute of Technology (NJIT), NJ, USA for a Summer Research Programme under which the first five batches of student had 6-week training programme at NJIT during the period 2008-2012 and the sixth 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.	Patton India Ltd.	Hewlett Packard India
Keane India Ltd.	Cognizant Technologies Solutions	Tech Mahindra Ltd.
Apollo Tyres	Pepsico India Ltd.	IBM India Pvt. Ltd.
KPIT Cummins Infosystems Ltd.	Colgate Palmolive Ltd.	Tata Ryersons
Avery India Ltd.	Philips Carbon Black Ltd.	ICICI Bank Ltd.
L&T Infotech Ltd.	Evalueserve	Times of India
BOC India Ltd. (Linde Group)	Price Waterhouse Coopers Pvt. Ltd.	IDBI Bank Ltd.
L&T Ltd.	Godrej & Boyce Mfg. Co. Ltd.	VA Tech Wabag India
Berger Paints Ltd.	Reliance Communications Ltd.	Infosys Technologies Ltd.
Metal Junction Services Ltd.	Haldia Petrochemicals Ltd.	Visa Steel Ltd.
Cappgemini India Pvt. Ltd.	Tata Chemicals Ltd.	ITC Ltd.
NIIT Technologies Ltd.	HCL Technologies Ltd.	Vodafone
CEAT Ltd.	Tata Consultancy Services Ltd.	J P Morgan
Paharpur Cooling Towers Ltd.	HDFC Bank Ltd.	Wipro Technologies Ltd.
Century Plyboards (I) Ltd.	Tata Elxsi Ltd.	

The T&P Cell has a commendable record of placement. Industry-wise break-ups for placed E&T graduates / postgraduates for the period 2010-2013 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. 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
- Industry-Institute Partnership Cell (IIPC) constituted with financial grant from AICTE for promoting collaborations with Industry
- MOU signed with Cranes Software International Ltd. Bangalore, University Programme Partner of Texas Instruments (TI), India for establishing a teaching/research lab facility using ASLK Starter Kits which is now functional

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

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

Academic Departments:

Degree awarding Departments / Centres

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

Prof. (Dr.) Madhurima Chattopadhyay, Professor
Prof. Arun K. Ray, Associate Professor
Prof. Arabinda Kumar Pal, Associate Professor
Prof. Surajit Bagchi, Associate Professor & HOD
Prof. (Dr.) Santanu Ghorai, Associate Professor
Prof. Damayanti Ghosh, Assistant Professor & DC
Prof. Sreeparna Dasgupta, Assistant Professor
Prof. Soumik Das, Assistant Professor
Prof. Pradip Saha, Assistant Professor
Prof. Indrajit Naskar, Assistant Professor
Prof. Reshma Sengupta, Assistant Professor
Prof. Arindam Sarkar, Assistant Professor
Prof. Samiul Alam, Assistant Professor
Prof. Samik Chakraborty, Assistant Professor
Ms. Somdatta Banerjee, Lecturer (on lien)

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

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

Chemical Engineering (B.Tech.)

Prof. (Dr.) Pinaki Bhattacharya, Professor
Prof. (Dr.) Swami Vedajananda, Professor
Prof. (Dr.) Sulagna Chatterjee, Professor
Prof. Bibhuti Ranjan Saha, Associate Professor & HOD
Prof. (Dr.) Alok Kumar Sen, Assistant Professor
Prof. (Dr.) Sangita Bhattacharjee, Assistant Professor & DC
Prof. (Dr.) Diptendu Datta, Assistant Professor
Prof. Abhyuday Mallick, Assistant Professor
Prof. Pramita Sen, Assistant Professor
Prof. Punam Mukhopadhyay, Assistant Professor
Mr. Tirthankar Sengupta, Lecturer (on lien)

Civil Engineering (B.Tech.)

Prof. (Dr.) Amalendu Ghosh, Professor & HOD

Prof. Sarmila Sahoo, Assistant Professor
Prof. Sushovan Sarkar, Assistant Professor & DC
Ms. Monideepa Paul, Assistant Professor

Computer Application Centre (MCA)

Prof. (Dr.) Siuli Roy, Director, CAC & Associate Professor
Prof. Souvik Basu, Assistant Professor & DC
Prof. Debabrata Kar, Assistant Professor
Prof. Sudeshna Ghosh (Goswami), Assistant Professor
Prof. Anirban Kundu, Assistant Professor
Prof. Subhra Pramanick, Assistant Professor
Prof. Sandipan Ganguly, Assistant Professor
Prof. Jyotirmoy Ghosh, Assistant Professor
Prof. Palash Ghosh, Assistant Professor
Prof. Subhajit Rakshit, Assistant Professor
Prof. Samapti Banerjee, Assistant Professor
Prof. Sumon Ghosh, Assistant Professor

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

Prof. (Dr.) Subhashis Majumdar, Professor & HOD
Prof. (Dr.) Amitava Bagchi, Professor
Prof. (Dr.) Prosenjit Gupta, Professor
Prof. (Dr.) Aniruddha Dasgupta, Associate Professor
Prof. Somenath Sengupta, Assistant Professor
Prof. Partha Basu Chowdhury, Assistant Professor
Prof. Shilpi Saha, Assistant Professor & DC
Prof. Mohuya Byabartta (Kar), Assistant Professor
Prof. Sujay Saha, Assistant Professor
Prof. Poulami Das, Assistant Professor
Prof. Arindam Chatterjee, Assistant Professor
Prof. Mandakini Majumdar, Assistant Professor
Prof. Rumpa Hazra, Assistant Professor
Prof. Sandip Samaddar, Assistant Professor
Prof. Pratyusa Dash, Assistant Professor
Prof. Satabdi Barman, Assistant Professor
Prof. Sumana Barman, Assistant Professor
Prof. Nilina Bera, Assistant Professor
Prof. Sabyasachi Banerjee, Assistant Professor
Prof. Nilanjana G. Basu, Assistant Professor
Prof. Reshma Roy Choudhuri, Assistant Professor
Prof. Kamal Poddar, Assistant Professor
Prof. Anindita Ghosh, Assistant Professor
Ms. Anindita Kundu, Assistant Professor
Prof. Partha Mukherjee, Assistant Professor (on lien)
Prof. Padmaja Bose, Assistant Professor (on lien)
Mr. Sayan Kr. Ray, Lecturer (on lien)

Electrical Engineering (B.Tech.)

Prof. (Dr.) Samiran Choudhuri, Professor & HOD

Prof. (Dr.) Saibal Dutta, Associate Professor
Prof. (Dr.) Prithviraj Das, Associate Professor
Prof. Amitava Hatial, Assistant Professor & DC
Prof. Emily Datta, Assistant Professor
Prof. Sudipta Mitra, Assistant Professor
Prof. Sanjay Chandra Das, Assistant Professor
Prof. Nabanita Chatterjee, Assistant Professor
Prof. Anab Saha, Assistant Professor

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

Prof. (Dr.) Sambhunath. Biswas, Dy. Director & Professor
Prof. (Dr.) Pabitra Kumar Ray, Professor
Prof. Siladiya Sen, Associate Professor
Prof. (Dr.) Prabir Banerjee, Associate Professor & HOD
Prof. Krishanu Datta, Associate Professor
Prof. Kalarab Ray, Associate Professor
Prof. Sriparna Bhattacharya, Assistant Professor
Prof. Sayantani Datta, Assistant Professor
Prof. Dulal Mandal, Assistant Professor
Prof. Arindam Ray, Assistant Professor
Prof. Atanu Kundu, Assistant Professor & DC
Prof. Asima Adak, Assistant Professor
Prof. Soumyo Chatterjee, Assistant Professor
Prof. Mousiki Kar, Assistant Professor
Prof. Subhajit Chakraborty, Assistant Professor
Prof. Malay Kr. Chowdhury, Assistant Professor
Prof. Md. Shahinawaz, Assistant Professor
Prof. Shib Shankar Bhowmick, Assistant Professor
Prof. Abhishek Das, Assistant Professor
Prof. Rajib Ranjan Pal, Assistant Professor
Prof. Madhumita Mukherjee, Assistant Professor
Prof. Susovan Mandal, Assistant Professor
Prof. Tapas Chakraborti, Assistant Professor
Prof. Chandrima Roy, Assistant Professor
Prof. Sabyasachi Chatterjee, Assistant Professor
Prof. Pratiba Agarwalla, Assistant Professor
Prof. Utsav Bhowmik, Assistant Professor
Prof. Dip Prakash Samajdar, Assistant Professor
Prof. Posiba Mostafa, Assistant Professor
Prof. Debanjali Sadhu, Assistant Professor
Prof. Orijit Biswas, Assistant Professor
Mr. Soumya Kranti Raj, Assistant Professor
Ms. Srabanti Pandit, Assistant Professor

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

Prof. (Dr.) Pranay Chaudhuri, Principal & Professor
Prof. (Dr.) Tapan Chakraborti, Professor & HOD
Prof. (Dr.) Anindya Jyoti Pal, Associate Professor
Prof. (Dr.) Dinabandhu Bhandari, Associate Professor
Prof. Hemanta De, Assistant Professor
Prof. Satarupa Biswas, Assistant Professor & DC
Prof. Rudranath Mitra, Assistant Professor
Prof. Sandipan Dutta, Assistant Professor
Prof. Susobhan Baidya, Assistant Professor
Prof. Rituparna Samaddar, Assistant Professor
Prof. Sudipta Bhadra, Assistant Professor
Prof. Uttam Kumar Dash, Assistant Professor
Prof. Deep Malaya Mukhopadhyay, Assistant Professor
Prof. Smritikona Barai, Assistant Professor

Prof. Bappa Sardar, Assistant Professor
Prof. Rajib Biswas, Assistant Professor
Prof. Joydev Hazra, Assistant Professor

Mechanical Engineering (B.Tech.)

Prof. (Dr.) Dulal Chandra Ray, Emeritus Professor & TEQIP Co-ordinator
Prof. (Dr.) Siddhartha Ray, Professor & HOD
Prof. (Dr.) Sukanta Sarkar, Associate Professor & DC
Prof. Arup Jyoti Bhowal, Assistant Professor
Prof. Nilabha Sankar Mitra, Assistant Professor
Prof. Bankim Pattanayak, Assistant Professor
Prof. Sumit Kumar, Assistant Professor
Prof. Roshan Kumar Hota, Assistant Professor
Prof. Sudipta Ray, Assistant Professor
Prof. Amalendu Biswas, Assistant Professor
Prof. Nimai Pada Mandal, Assistant Professor
Prof. Bikash Kumar Sarkar, Assistant Professor

Other Departments

Chemistry

Prof. (Dr.) Debarati Dey, Assistant Professor & HOD
Prof. (Dr.) Ratna Mukherjee, Assistant Professor
Prof. (Dr.) Shreedhara Gupta, Assistant Professor
Prof. (Dr.) Anandalok Auidhya, Assistant Professor
Prof. (Dr.) Ruma Roy Chaudhury, Assistant Professor
Prof. (Dr.) Ritu Mishra, Assistant Professor
Prof. (Dr.) Abhijit Mandal, Assistant Professor

Humanities

Prof. (Dr.) Suparna Chakraborti, Assistant Professor & HOD
Prof. Aditi Bhunia Chakraborty, Assistant Professor
Prof. Arindam Das, Assistant Professor
Prof. (Dr.) Kasturi Guha Thakurta, Assistant Professor
Prof. Saptaparna Roy, Assistant Professor
Prof. Sriman Banerjee, Assistant Professor

Mathematics

Prof. (Dr.) Anindita Maitra Bhattacharyya, Assistant Professor & HOD
Prof. Nirman Ganguly, Assistant Professor
Prof. Moulipriya Sarkar, Assistant Professor
Prof. Jyotishman Chatterjee, Assistant Professor
Prof. Arpita Paul, Assistant Professor
Prof. Sandip Chatterjee, Assistant Professor
Prof. Jhumpa Bhadra, Assistant Professor
Prof. Swarnali Sharma, Assistant Professor
Prof. Tuli De, Assistant Professor
Mr. Somjit Dutta, Assistant Professor

Physics

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

Management & Administration

Mr. Prabir Roy, Executive Director, KBT

Mr. Pradip Kumar Agarwal, Chief Executive Officer, KBT
Prof. B. B. Paira, Advisor, Higher Education, KBT
Prof. (Dr.) Pranay Chaudhuri, Principal
Prof. (Dr.) S. Biswas, Dy. Director
Prof. (Dr.) Siuli Roy, Director (CAC)
Prof. (Dr.) Sobhen Ray, Registrar
Prof. Jaharal Basu, Head - HR
Commander (Retd.) S. Dey, Campus Administrator
Mr. Clayton M. Moses, Academic Advisor
Dr. Binod Behari Das, Advisor-Library
Mr. Kuntal Chatterjee, General Manager, Project
Mr. Arvind Srivastava, Deputy Registrar
Mr. R. R. Kutty, Manager - Purchase
Mr. Manoj Sarangi, 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. Debasish Chatterjee, Manager-Maintenance

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

Civil Engineering

• Solid Mechanics Lab • Survey Practice - I & II • Building Drawing • Soil Mechanics Lab • Fluid Mechanics 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

Electrical Engineering

• Basic Electrical Engineering Lab • Circuit Lab • Electrical Machines Lab • Electrical Measurement 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

Mechanical Engineering

• Engineering Graphics Lab • Carpentry & Fitting Shop • Sheet Metal, Welding & Machine Shop • Applied Mechanics Lab • Workshop Practice-II • Machine Drawing - I • Fluid Mechanics and Hydraulics Lab • Manufacturing Technology Lab • Material Testing Lab • Machine Drawing - II (CAD-CAM Lab)

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 55,000 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.

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 and / or willing to reside in hostels as well as their guardians are required to submit individual affidavits to the effect that they are aware that ragging being a social crime, a student 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 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.

Electric Sub Station & Generator

The campus has its own Electric Sub Station with two transformers - 750 kVA & 630 kVA- and two Gensets-375 kVA (250 + 125) & 380 kVA, besides 100 kWp solar power. These are maintained as per norms prescribed by the CESC authorities.

Banking

Punjab National Bank is located within the campus with 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 (DTDC) inside the campus.

Students' Activities / Achievements

- ❖ There is an elected 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 (IICe) 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" was published with the initiative taken by 1st year ECE VLSI M.Tech. students. It is worth mentioning that this e-journal published by the Department of ECE got amazing response across the globe after being posted in the web portal http://issuu.com/parthoheritage/docs/vlsi_vol1.
 - e-magazines are published regularly by the Departments of CSE, ECE and IT.
 - Department of AEIE publishes a popular e-magazine entitled Khola Haa on a regular basis.
- ❖ An Alumni Association is functional and may be reached at www.alumniheritage.com

Outstanding Students' Achievement in Competitive Examinations

Success at CAT

2012

• Mr. Anshu Shroff (IT) with 99.84 percentile • Mr. Yash Agarwal(IT) with 99.64 percentile • Mr. Dipayan Sinha (AEIE) with 98.20 percentile • Mr. Animesh (CSE) with 97.97 percentile • Ms. Akancha Gupta(CSE) with 93.68 percentile

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. Amrita Das (ECE) with 94 percentile • Mr. Gaurav Agarwal (IT) with 92.5 percentile

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

Success at GATE 2013 (All India Rank upto 200)

Name / Branch	All India Rank
Biotechnology	
Sourabh Chakraborty	11
Sanniv Ganguly	31
Ditipriya Hazra	53
Sayantana Ghosh	103
Electronics & Communication Engineering	
Suraj Ranjan	52
Applied Electronics & Instrumentation Engineering	
Soham Chatterjee	48
Ramanpreet Singh Arora	82
Agnimitra Banerjee	127
Naveen Kumar	127
Information Technology	
Subhash Chandra Jha	124
Computer Science & Engineering	
Akroprobho Chakraborty	133

Success at GATE 2012 (All India Rank upto 200)

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

Success at GATE 2011 (All India Rank upto 100)

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

Success at GRE 201: • 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 Chakravorty, 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 Subhabrata 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)

List of some of the Institutes where our graduates are pursuing higher studies

International	National
University of Lethbridge, Canada	IISc., Bangalore
Aalto University, Finland	IITs (Bombay, Chennai, Delhi, Guwahati, Kanpur, Kharagpur, Roorkee)
RWTH Aachen, Germany	IT (BHU), ISM (Dhanbad), BITS Pilani
Technische Universitat, Darmstadt, Germany	BESU, CU, JU, Bose Institute
University of Texas, Dallas, USA	IIMs (Calcutta, Indore, Lucknow)
University of Texas, San Antonio, USA	XLRI, Jamshedpur, IIMT, Ghaziabad
Rochester University, NY, USA	Vellore Institute of Technology
Ohio State University, USA	NITs (Durgapur, Raipur, Rourkela, Surathkal, Tiruchirapalli)
New Jersey Institute of Technology, USA	NITIE, Mumbai
University of Illinois, USA	IIT, Pune
Clemson University, South Carolina, USA	Centre for Cellular and Molecular Biology, Hyderabad
Lehigh University, USA	IIFT, New Delhi
UC Davis, USA	S.P. Jain Institute of Mgt. & Res., Mumbai
Penn State Univ., Pennsylvania, USA	TAPMI, Manipal
Colorado State University, USA	Symbiosis Centre for MHRD, Pune

Other Attainments

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 joined the MS programme in Communication Engineering conducted by RWTH Aachen University, Aachen, Germany
- ❖ **Shri Apratim Bhattacharya**, 5th batch Ch.E. has joined Lehigh University for his Ph.D. with full scholarship
- ❖ **Ms. Anvesha 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 Saurav 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.