INFORMATION BROCHURE 2017

Where learning is an interactive evolutionary process…

Heritage Institute of Technology

(An Autonomous Institute, affiliated to MAKAUT)
Accredited by NAAC with B++ grade

INTRODUCTION

Inspired by the noble cause of education and philanthropic zeal, 22 (twenty two) Kolkata based like-minded industrialists joined hands to form a charitable foundation - Kalyan Bharti Trust (KBT) - to further their dreams of serving the Society.

Heritage Institute of Technology, Kolkata (HITK), established by KBT in 2001, while following the norms of the Maulana Abul Kalam Azad University of Technology (MAKAUT) formerly West Bengal University of Technology (WBUT), its affiliating university, ensures that students become self-motivated and employable.

On recommendation of the UGC the Institute has been conferred autonomous status by the affiliating University in 2014, initially for a period of 6 (six) years. It is also recognized under Section 2(f) of the UGC Act. The Institute has been accredited by NAAC with B++ grade for a period of 5 years w.e.f. 22.02.2017.

Kalyan Bharti Trust

BOARD OF TRUSTEES

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

VISION & MISSION OF THE INSTITUTE

VISION

To prepare dynamic and caring citizens to meet the challenges of global society while retaining their traditional values

Mission

- To prepare students with strong foundation in their disciplines and other areas of learning
- To provide an environment for critical and innovative thinking, and to encourage life-long learning
- To develop entrepreneurial and professional skills
- To promote research and developmental activities and interaction with industry
- To inculcate leadership qualities for serving the society

EXISTING ACADEMIC PROGRAMMES

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

** Accredited by NBA for 5 years w.e.f. 04.02.2014

* Accredited by NBA for a period of 3-years w.e.f. 2016-2017 Academic Session

All the programmes are duly approved by the All India Council for Technical Education (AICTE) and are affiliated to the Maulana Abul Kalam Azad University of Technology (MAKAUT) formerly West Bengal University of Technology (WBUT).

RECOGNITION

- In National Institutional Ranking Framework (NIRF) by Ministry of Human Resource and Development, Government of India,Heritage Institute of Technology has been ranked within top 150 engineering Universities and Institutes (considering both Government and Private) in the country.
- Institute is recognized u/s 2(f) of the UGC Act, 1956.
- The Institute has been accredited by NAAC with B++ grade w.e.f. 22.02.2017
- Heritage Institute of Technology was selected for award of grant of Rs. 4.0 crores under Technical Educational Quality Improvement Program, Phase – II (TEQIP-II) funded by the World Bank and monitored by MHRD, Govt. of India. The Institute met 10 performance indicators out of 10 as per Performance Assessment Report published by NPIU in its web portal. Being one of 51 better performing Institutes out of total 190 TEQIP-II funded Institutes in India, HITK received an additional grant of Rs. 2.0 crores over and above its initial project life time allocation of Rs. 4.0 crores.
- As per Careers 360, Outlook Group Tech Colleges Ranking in West Bengal, April 2015, the Institute is graded AAA+ and its Biotechnology program is graded as No. 1 in West Bengal out of 6 such institutes offering Biotechnology courses.

INSTITUTIONAL MEMBERSHIP

- The Institution of Engineers (India)
- Confederation of Indian Industry
- Indian Institute of Chemical Engineers
- Bengal National Chamber of Commerce and Industry
- Indian Green Building Council (IGBC)
- Association of Professional Academic Institutions, (APAI) WB

TEACHING & LEARNING

Education at HITK 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.

Assessment of students' performance is made on the basis of end semester examinations and also through continuous evaluation by course teachers to track and record the overall growth of students.

TEQIP-II has provided a scope 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, coordinated by a highly qualified full time Students' Counsellor. 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 assigned a faculty member (mentor). 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

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 MAKAUT. ● 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 MAKAUT.

Medallists (for 3 years last Convocation held in 2011)

● 2 (two) gold medals, 4 (four) silver medals and 3 (three) bronze medals were awarded by the MAKAUT in the 7th Convocation held in 2011 to our B.Tech. & M.Tech. students. ● 2 (two) gold medals, 2 (two) silver medals and 1 (one) bronze medals were awarded by the MAKAUT in the 6th Convocation held in 2010 to our B.Tech & M.Tech. Students. ● 4 (four) gold medals, 4 (four) silver medals and 2 (two) bronze medals were awarded by the MAKAUT in the 5th Convocation held in 2009 to our B. Tech. & M. Tech. 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.

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.
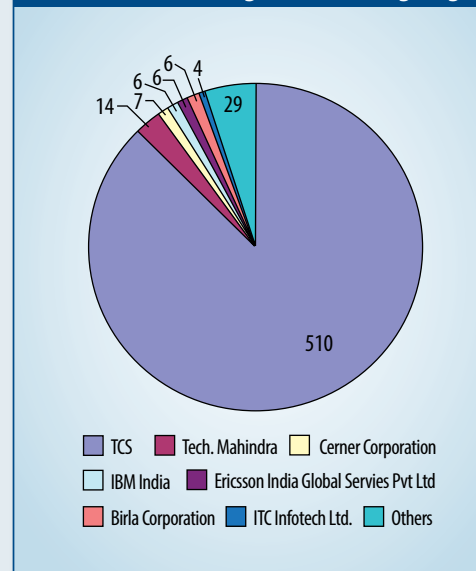
Some of the leading industrial houses in which students have been placed through campus interview since inception of the Institute

Accenture Services Pvt. Ltd.	IDBI Bank Ltd.
Alchem International Pvt. Ltd	Idea Cellular
Avery India Ltd.	Infosys Technologies Ltd.
Berger Paints Ltd.	Inox Air Products Ltd.
Birla Jute Mills Ltd.	ITC Infotech Ltd.
BOSCH	L&T Infotech Ltd.
BOC India Ltd. (Linde Group)	Meditab Softwares Inc.
Capgemini India Pvt. Ltd.	Metal Junction Services Ltd
CEAT Ltd.	Microsoft
Century Plyboards (I) Ltd.	James Warren Tea
Cognizant Technologies Solutions	Johnson Controls
Colgate Palmolive Ltd.	Mindtree
GKB Rx Lens Pvt. Ltd.	NIIT Technologies Ltd.
Godrej & Boyce Mfg. Co. Ltd.	Nomura RI Fin Tech
Haldia Petrochemicals Ltd.	Odessa Technologies
HCL Technologies Ltd.	Paharpur Cooling Towers Ltd.
HDFC Bank Ltd.	Patton India Ltd.
Hewlett Packard India	Persistent Systems Ltd.
IBM India Pvt. Ltd.	Philips Carbon Black Ltd.
ICICI Bank Ltd.	Polaris Networks (Dynamic

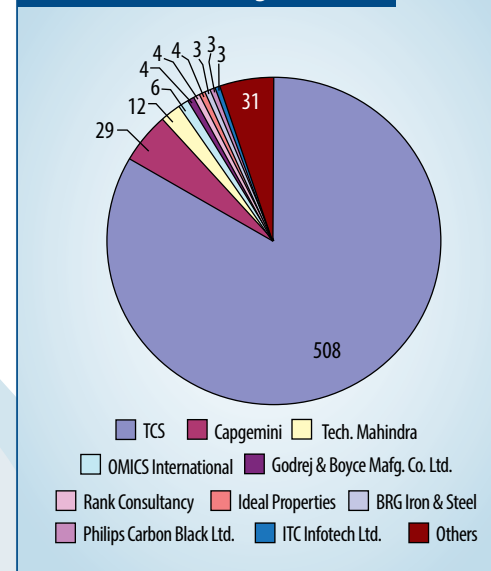|	
Digital Tech	Times of India
Prime Focus	Tractors India
Reliance Communications Ltd.	UST Global
Rene Impex Pvt. Ltd.	VA Tech Wabag India
Sanmar Engineering	Visa Steel Ltd.
Tata Chemicals Ltd.	Vodafone
Tata Consultancy Services Ltd.	Voith Paper Technology Pvt. Ltd.
Tata Elxsi Ltd.	Wacker Metroark Chemicals
Tata Ryersons	Wipro Technologies Ltd.
Tech Mahindra Ltd.	Yodlee Infotech Pvt. Ltd.

At Heritage, employment is not ensured to allure students. However, an all-out effort is made to groom the students for enhanced employability. The T&P Cell has a good record of placement. Industry-wise break-ups, as applicable for placed Engineering & Technology (E&T) graduates / post graduates, for 2016 graduates and would be 2017 graduates are presented below:

Placement for 2017 graduates (Ongoing)

Pie values: 29, 4, 6, 6, 7, 14, 510

Legend:
- TCS
- Tech. Mahindra
- Cerner Corporation
- IBM India
- Ericsson India Global Servies Pvt Ltd
- Birla Corporation
- ITC Infotech Ltd.
- Others

Placement for 2016 graduates

Pie values: 31, 3, 3, 4, 4, 6, 12, 29, 508

Legend:
- TCS
- Capgemini
- Tech. Mahindra
- OMICS International
- Godrej & Boyce Mafg. Co. Ltd.
- Rank Consultancy
- Ideal Properties
- BRG Iron & Steel
- Philips Carbon Black Ltd.
- ITC Infotech Ltd.
- Others

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

- Knowledge Incubation for Technical Education (KITE) Centre, IIT Kharagpur for academic collaboration that would be of mutual benefit and would provide strength in research and education
- Indian Institute of Engineering Science & Technology, Shibpur (IIEST) with the objective of collaborative R&D activities in the area of renewable / green energy.
- National Environmental Engineering Research Institute (NEERI) with one of the objectives of facilitating students to undertake project work at NEERI

- Vikram Solar Pvt. Ltd. for I-I-I activity
- Sun Oil Company Pvt. Ltd. for collaborative R&D programme
- Baid Power Services Pvt. Ltd. (BPS) for I-I-I activity and collaborative R&D program
- Sankalp Semiconductor Private Ltd. to foster collaboration and to provide guidance, training and also to assist in development and fabrication of VLSI Test-Chips
- Cranes Software International Ltd. Bangalore, University Programme Partner of Texas Instruments (TI), India for establishing a teaching/research lab facility using ASLK Starter Kits
- Institute selected as an empanelled centre of WBREDA, Dept. of Power & NEC, Govt. of West Bengal for carrying out awareness programme on Renewable Energy
- Infosys for Campus Connect programme for improvement of IT skills of students
- Wipro for conducting Mission 10X related programmes for training of members of faculty
- Oracle University under Workforce Development Program

Inter National

- University of Alabama at Birmingham, USA to promote joint research activities in Biotechnology in the field of genome-wide and epigenome-wide association studies related to chronic diseases of metabolic origin
- University of Massachusetts, Lowell, USA for a variety of joint academic and educational activities
- New Jersey Institute of Technology (NJIT), NJ, USA for a Summer Research Program under which the first nine batches of student had 6-week training program at NJIT during the period 2008-2016: the tenth batch of students would be leaving for this program in mid June 2017 and thus, since its inception in 2008, the NJIT-HITK Summer Research Program have catered to a total of 95 students from HITK.
- College of Natural Science, Sungkyunkwan University, Korea with reciprocal exchange of members of faculty, staff and students as one of the objectives

FACULTY & STAFF

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, CSE
Professor (Dr.) Sambhunath Biswas, Dy. Director & Professor, ECE

Academic Departments:
Degree awarding Departments / Centre

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

Professor (Dr.) Madhurima Chattopadhyay, Professor & HOD
Professor Surajit Bagchi, Associate Professor
Professor Arabinda Kumar Pal, Associate Professor
Professor (Dr.) Santanu Ghorai, Associate Professor
Prof. Reshma Sengupta, Assistant Professor
Prof. Damayanti Ghosh, Assistant Professor
Prof. (Dr.) Soumik Das, Assistant Professor
Prof. Indrajit Naskar, Assistant Professor

Prof. Arindam Sarkar, Assistant Professor
Prof. Samiul Alam, Assistant Professor
Prof. Samik Chakraborty, Assistant Professor & DC
Prof. Pradip Saha, Assistant Professor
Prof. (Dr.) Anil Kumar Bag, Assistant Professor
Prof. Debjyoti Chowdhury, Assistant Professor

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

Professor (Dr.) Srabanti Basu, Professor & HOD
Professor (Dr.) Dipankar Chaudhuri, Associate Professor
Prof. (Dr.) Riddhi Goswami, Assistant Professor & DC
Prof. (Dr.) Nandan Kumar Jana, Assistant Professor
Prof. (Dr.) Tapan Kumar Ghosh, Assistant Professor

Prof. (Dr.) Soma Banerjee, Assistant Professor
Prof. (Dr.) Bhaswati Chakraborty, Assistant Professor
Prof.(Dr.) Sudipta Dey, Assistant Professor
Prof. (Dr.) Kakali Mukherjee, Assistant Professor
Prof. (Dr.) Ruplekha Chatterjee, Assistant Professor
Prof. (Dr.) Rakha Majumdar, Assistant Professor (on lien)
Prof. Plaban Chaudhuri, Assistant Professor
Prof. Sonali Hazra, Assistant Professor
Prof. (Dr.) Soham Chattopadhyay, Assistant Professor (on lien)
Prof.(Dr.) Nababithi Goswami, Assistant Professor
Prof. (Dr.) Aparupa Bhattacharya, Assistant Professor

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

Professor (Dr.) Pinaki Bhattacharya, Emeritus Professor & Head-R&D
Professor (Dr.) Swami Vedajnananda, Professor
Professor Bibhuti Ranjan Saha, Professor & Registrar
Professor (Dr.) Sulagna Chatterjee, Professor & HOD
Prof. (Dr.) Sangita Bhattacharjee, Assistant Professor
Prof. (Dr.) Diptendu Datta, Assistant Professor
Prof. (Dr.) Alok Kumar Sen, Assistant Professor
Prof.(Dr.) Pramita Sen, Assistant Professor (on lien)
Prof. Abhyuday Mallick, Assistant Professor & DC
Prof.(Dr.) Dwaipayan Sen, Assistant Professor
Prof.(Dr.) Aparna Ray Sarkar, Assistant Professor
Prof.(Dr.) Avijit Ghosh, Assistant Professor

Civil Engineering (B.Tech.)

Professor (Dr.) Tapas Sadhu, Professor & HOD
Professor (Dr.) Sarmila Sahoo, Associate Professor & DC
Prof. (Dr.) Sushovan Sarkar, Assistant Professor
Prof. Monideepa Paul, Assistant Professor
Prof. Kaustav Bakshi, Assistant Professor
Prof. Puja Basu Chaudhury, Assistant Professor
Prof. Arpita Suchismita, Assistant Professor
Prof. (Dr.) Subha Sankar Chowdhury, Assistant Professor
Prof. Prithwish Saha, Assistant Professor
Prof. Rudra Prasad Roychowdhury, Assistant Professor
Prof. Tushar Das, Assistant Professor
Prof. Devnita Polley, Assistant Professor
Prof. Sourav Kar, Assistant Professor
Prof. Dona Chatterjee, Assistant Professor

Computer Application Centre (MCA)

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

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

Professor.(Dr.) Pranay Chaudhuri, Principal & Professor
Professor (Dr.) Subhashis Majumdar, Professor, HOD & Dean (UG)
Professor (Dr.) Amitava Bagchi, Emeritus Professor
Professor (Dr.) Prosenjit Gupta, Professor (on lien)
Professor (Dr.) Aniruddha Dasgupta, Associate Professor (on lien)
Professor Kalarab Ray, Associate Professor
Professor Kamal Podder, Associate Professor
Professor (Dr.) Dinabandhu Bhandari, Associate Professor
Prof. Somenath Sengupta, Assistant Professor
Prof. Mohuya Byabartta (Kar), Assistant Professor
Prof. (Dr.) Poulami Das, Assistant Professor & DC
Prof. Shilpi Saha, Assistant Professor
Prof. Sujay Saha, Assistant Professor
Prof. Partha Basuchowdhuri, Assistant Professor
Prof. Mandakini Majumdar, Assistant Professor
Prof. Nilina Bera, Assistant Professor
Prof. Sandip Samaddar, Assistant Professor
Prof. Pratyusa Dash, Assistant Professor
Prof. Satabdi Barman, Assistant Professor
Prof. Sumana Barman, Assistant Professor

Prof. Arindam Chatterjee, Assistant Professor
Prof. Sabyasachi Banerjee, Assistant Professor
Prof. Reshma Roychoudhuri (Mitra), Assistant Professor
Prof. Nilanjana G.Basu, Assistant Professor
Prof. Anindita Ghosh, Assistant Professor
Prof. Anindita Kundu, Assistant Professor
Prof. Arpita Talukdar, Assistant Professor
Prof. Amitava Acharya, Assistant Professor
Prof. Lopamudra Dey, Assistant Professor
Prof. Piyali Datta, Assistant Professor
Prof. Susobhan Baidya, Assistant Professor
Prof. Smritikona Barai, Assistant Professor
Prof. Partha Mukherjee, Assistant Professor (on lien)
Prof. Rumpa Hazra, Assistant Professor (on lien)

Electrical Engineering (B.Tech.)

Professor (Dr.) Saibal Dutta, Associate Professor
Prof. Amitava Hatial, Assistant Professor
Prof. Emily Datta, Assistant Professor
Prof. Sudipta Mitra, Assistant Professor & DC
Prof. Sanjay Chandra Das, Assistant Professor
Prof. Nabanita Chatterjee, Assistant Professor
Prof. Sarmistha Sinha, Assistant Professor
Prof. Sanjib Kumar Kundu, Assistant Professor
Prof. Jayita Sarkar, Assistant Professor
Prof. Bidisha Roy, Assistant Professor
Prof. Reetwik Bhadra, Assistant Professor
Prof. Anirban Kolay, Assistant Professor
Prof. Pritam Singha Ray, Assistant Professor

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

Professor (Dr.) Sambhunath. Biswas, Dy.Director & Professor
Professor (Dr.) Prabir Banerjee, Professor & HOD
Professor Siladitya Sen, Associate Professor
Professor Krishanu Datta, Associate Professor
Professor (Dr.) Anindya Sen, Associate Professor
Prof. (Dr.) Sriparna Bhattacharya, Assistant Professor
Prof. (Dr.) Atanu Kundu, Assistant Professor & DC
Prof. Dulal Mondal, Assistant Professor
Prof. Sayantani Datta, Assistant Professor
Prof. Arindam Ray, Assistant Professor
Prof. Asima Adak, Assistant Professor
Prof. Soumyo Chatterjee, Assistant Professor
Prof.(Dr.) Mousiki Kar, Assistant Professor
Prof. Subhrajit Chakraborty, Assistant Professor
Prof. Shib Shankar Bhowmick, Assistant Professor
Prof. Susovan Mondal, Assistant Professor
Prof. Md. Shahnawaz, Assistant Professor
Prof. Rajib Ranjan Pal, Assistant Professor
Prof. Abhishek Das, Assistant Professor
Prof. Sabyasachi Chatterjee, Assistant Professor
Prof. Chandrima Roy, Assistant Professor
Prof. Tapas Chakrabarti, Assistant Professor
Prof. Prativa Agarwalla, Assistant Professor
Prof. Dip Prakash Samajdar, Assistant Professor
Prof. Posiba Mostafa, Assistant Professor
Prof. Debanjali Sadhu, Assistant Professor
Prof. Orijit Biswas, Assistant Professor
Prof. (Dr.) Srabanti Pandit, Assistant Professor
Prof. Soumya Kanti Raj, Assistant Professor
Prof. (Dr.) Kasturi Mukherjee, Assistant Professor
Prof. (Dr.) Sayantan Dhar, Assistant Professor
Prof. Amrita Banerjee, Assistant Professor
Prof. (Dr.) Shounak Dasgupta, Assistant Professor
Prof. Tania Das, Assistant Professor
Prof. Debamita Roy, Assistant Professor
Prof. Rudranath Mitra, Assistant Professor

Information Technology (B.Tech.)

Professor (Dr.) Tapan Chakraborti, Professor & HOD
Professor.(Dr.) Anindya Jyoti Pal, Associate Professor & Dy. COE

Prof. Hemanta De, Assistant Professor
Prof. Satarupa Bagchi(Biswas), Assistant Professor & DC
Prof. Sandipan Dutta, Assistant Professor
Prof. Rituparna Samaddar Sinha, Assistant Professor
Prof. Sudipta Bhadra, Assistant Professor
Prof. Uttam Kumar Dash, Assistant Professor
Prof. Deep Malya Mukhopadhyay, Assistant Professor
Prof. Bappa Sarder, Assistant Professor
Prof. Rajib Biswas, Assistant Professor
Prof. Joydev Hazra, Assistant Professor

Mechanical Engineering (B.Tech.)

Professor(Dr.) Dulal Chandra Ray, Emeritus Professor & TEQIP Coordinator
Professor (Dr.) Siddhartha Ray, Emeritus Professor & COE
Professor (Dr.) Jyotirmoy Saha, Professor
Professor (Dr.) Sukanta Sarkar, Associate Professor & HOD
Professor (Dr.) Amal Kumar Ray, Associate Professor
Prof. Bankim Pattanayak, Assistant Professor
Prof. Arup Jyoti Bhowal, Assistant Professor
Prof. Amalendu Biswas, Assistant Professor
Prof. Ritwik Mandal, Assistant Professor
Prof. (Dr.) Rajarshi Sengupta, Assistant Professor
Prof. Hareram Lohar, Assistant Professor
Prof. (Dr.) Sumanta Banerjee, Assistant Professor
Prof. Sankar N. Mukhopadhyay, Assistant Professor & DC
Prof. Sudip Kumar Halder, Assistant Professor
Prof. Sudipta Roy, Assistant Professor
Prof. Sukanta Saha, Assistant Professor
Prof. Subham Kundu, Assistant Professor
Prof. Manik Barman, Assistant Professor
Prof. Vishnu Kumar Singh, Assistant Professor
Prof. Anubhab Basu, Assistant Professor
Prof. Subhankar Mudi, Assistant Professor
Prof. Suman Mondal, Assistant Professor
Prof. Arindam Mandal, Assistant Professor
Prof. Rajat Dutta, Assistant Professor

Other Departments

Chemistry

Professor (Dr.) Dulal C Mukherjee, Advisor
Professor (Dr.) Samiran Mitra, Professor & HOD
Prof. (Dr.) Abhijit Mandal, Assistant Professor
Prof. (Dr.) Anandalok Audhya, Assistant Professor & DC
Prof. (Dr.) Ruma Roy Chaudhury, Assistant Professor
Prof. (Dr.) Ritu Mukherjee (Mishra), Assistant Professor
Prof. (Dr.) Kasturi Sanyal, Assistant Professor
Prof. (Dr.) Ratna Mukherjee, Assistant Professor (on lien)

Humanities

Professor (Dr.) Amrita Sen, Associate Professor
Prof. (Dr.) Suparna Chakraborti, Assistant Professor & HOD
Prof. Aditi Bhunia Chakraborty, Assistant Professor
Prof. (Dr.) Kasturi Guha Thakurta, Assistant Professor

Prof. Saptaparna Roy, Assistant Professor & DC
Prof. Mousumi Mullick, Assistant Professor

Mathematics

Prof. (Dr.) Sandip Chatterjee, Assistant Professor & HOD
Prof.(Dr.) Nirman Ganguly, Assistant Professor (on lien)
Prof. Moulipriya Sarkar, Assistant Professor
Prof. Jyotishman Chatterjee, Assistant Professor
Prof. Arpita Paul, Assistant Professor & DC
Prof. (Dr.) Anindita Maitra Bhattacharyya, Assistant Professor
Prof. (Dr.) Jhumpa Bhadra, Assistant Professor
Prof. (Dr.) Swarnali Sharma, Assistant Professor
Prof.(Dr.) Somjit Datta, Assistant Professor
Prof. Rituparna Ghosh, Assistant Professor
Prof. Dipankar Chakrabarti, Assistant Professor
Prof. Sudipta Sarkar, Assistant Professor
Prof. Moumita Pramanik, Assistant Professor

Physics

Professor (Dr.) Nirmalya Prasun Nayak, Associate Professor, HOD & Dean (Students' Affairs)
Prof. (Dr.) Ajanta Das, Assistant Professor & DC
Prof. (Dr.) Dibyendu Mal, Assistant Professor
Prof. (Dr.) Sudeepto Sen, Assistant Professor
Prof.(Dr.) Hirak Kumar Chandra, Assistant Professor
Prof. Arindam Chakraborty, Assistant Professor
Prof.(Dr.) Shinjinee Das Gupta, Assistant Professor
Prof.(Dr.) Himadri Ghosh, Assistant Professor

Management & Administration

Mr. Probir Roy, Director, KBT
Mr. Pradip Kumar Agarwal, Chief Executive Officer, KBT
Professor B.B. Paira, Advisor, Higher Education, KBT
Professor (Dr.) Pranay Chaudhuri, Principal
Professor (Dr.) D.C. Ray, TEQIP Coordinator
Professor (Dr.) Sambhunath Biswas, Dy. Director
Professor B.R. Saha, Registrar
Professor (Dr.) Siuli Roy, Director (CAC)
Professor (Dr.) Siddhartha Ray, COE
Professor (Dr.) Subhashis Majumder, Dean (UG)
Professor (Dr.) Nirmalya Prasun Nayak, Dean (Students' Affairs)
Professor (Dr.) A. J. Pal, Deputy Controller of Examinations
Mr. Manoj Saraogi, CFO
Mr. Santosh Kr. Ray, DGM
Mr. Clayton M. Moses, Co-ordinator (Student Affairs & International Relations)
Dr. Binod Behari Das, Advisor-Library
Mr. R A Swaminathan, Advisor, Training & Placement
Commander (Retd.) S. Dey, Campus Administrator
Mr. Jaydeep Goswasmi, Head-HR
Mr. R. R. Kutty, Manager – Purchase
Mr. Arvind Srivastava, Joint Registrar
Mr. Debjit Adhikari, General Manager Project
Ms. Sarika Agarwal, Manage (F&A)
Mr. Sanjay Agarwal, Manager - Projects
Mr. D. Karmakar, Manager Systems
Mr. Debasish Chatterjee, Manager Maintenance
Mr. Satya Priya Rarhi, Law Officer
Ms. Nayana Chatterjee, Deputy Manager – HR
Mr. Chittaranjan Pani, Deputy Manager – Systems
Mr. Susanta Das, Purchase Officer
Mr. Nareshwar Chatterjee, Sr. Maintenance Engineer
Dr. (Ms.) Banhishikha Bhattacharyya, Students' Counsellor
Mr. Partha Sarathi Bhowal, EA to CEO – BD & PR
Ms. Rupa Mukherjee, Officer on Special Duty
Ms. Sarbani Chakraborty, Assistant Registrar-II
Mr. Saibal Kumar Maity, Section Officer-I
Mr. Arunava Mazumdar, Section Officer-II
Mr. Sunil Singh, HOD Sports
Mr. Subrata Naskar, Stores Officer

RESEARCH GRANTS

- Project on Detection and quantification of pollutants in aquatic ecosystem funded by ITRA, Govt. of India, where Prof. (Dr.) Anindya Sen is the Principal Investigator and Prof. (Dr.) Prabir Banerjee and Prof. Soumya Kanti Raj from ECE Department are the Co-Investigators with a financial outlay of R. 28.87 lacs out of Rs. 4.68 crores sanctioned for six participating institutes

- Project on Screening of potential biofilm producer isolates from clinical samples and in vitro determination of killing kinetics by application of some herbal agents with known anti-inflammatory action and application in animal model funded by WB-DST where Dr. Soma Banerjee, Asstt. Prof. Dept. of BT is the Principal Investigator with a financial outlay of Rs. 9.43 lacs

- Project on Post-Disaster Situation Analysis and Resource Management Using Delay Tolerant Peer-to-Peer Wireless Networks (DISARM) funded by Information Technology Research Academy (ITRA), Ministry of Communications and IT, Govt. of India, which is a multi-institutional research project jointly with IIT Kgp, IIMC, IIEST, NIT Dgp & Kalyani GEC, where Dr. Pranay Chaudhuri, Principal is the Principal Investigator (PI) and Dr. Siuli Roy, Director-CAC is the Co-Investigator (Co-I) (with a financial outlay of Rs. 43.55 lacs, out of a total of Rs. 4.28 crores sanctioned for six participating institutes)

- Project on Development of capacitive type MEMS based bio-pressure sensor for assessing various physiological activities, funded by Science & Engineering Research Board (SERB) under Fast Track Scheme for Young Scientist, Dept. of S&T, Govt. of India, where Dr. Madhurima Chattopadhyay, Professor, AEIE is the Principal Investigator with a financial outlay of Rs. 14.34 lacs

- Project on Application of ICT in Disaster Management, funded by AICTE under RPS, where Dr. Siuli Roy, Director-CAC is the Principal Investigator with a financial outlay of Rs. 1.00 lac

PATENTS FILED

Filed in India

Department of Biotechnology:

- A process for characterization of the bioactive component present in triogonenella foenum-gracum(methi) seeds used in the treatment of diabetic (Patentee: Subhabrata Sengupta and Abhishek Mukherjee) (Regn no-618/Kol/2007)

- A process for the characterization and partial purification and isolation of the bioactive component present in bark and root of azadirachta indica(neem) used in harbal remedies for the treatment of diabetic (Patentee: Subhabrata Sengupta and Abhishek Mukherjee) (Regn no-617/Kol/2007)

- A process for the characterization of the bioactive component present in bark and seeds of eugenia jambolana(jamun) used in herbal remedies for the treatment of diabetic (Patentee: Subhabrata Sengupta and Abhishek Mukherjee) (Regn no-619/Kol/2007)

- A process for the preparation of a complete enzyme composition from the plant tinospora cordifolia which catalyzes hydrolysis of a starch into glucose as the major end product (Patentee: Subhabrata Sengupta, Abhishek Mukherjee and Subhasree Sengupta) (Regn no-1989/Kol/2008)

Department of Computer Science & Engineering:

- Telnet/SSL/zModem based Secure File Transfer Process (Patentee: Arindam Chatterjee, Subhashis Majumder and 3 students who carried out their B.Tech. project work) (Filed on 24th July, 2013 in Kolkata)

- Improved Merge Sort Algorithmn by Creating Better Partitions (Patentee: Dr. Subhashis Majumder) (Filed on 31st July, 2014 in Kolkata) vide Docket No. : 9133.

- An optimum microfluidic sample dilution method using weighted mix-split of droplets (Patentee: Dr. Subhashis Majumder) (Filed on 27th August, 2014 in Kolkata) vide Docket No.: 10207

- Scalable Recommendation Technique using Multiplicatively Weighted Voronoi Diagrams (Patentee: Dr. Subhashis Majumder, Joydeep Das) (Patent: 966/KOL/2014) Application Number: E-2/1597/2014-KOL

Filed in USA

Department of Biotechnology:

- GPCR / Receptor binding assay using Integrated FP-detection and pressure driven flow (Patentee: Dipankar Chaudhuri) (ID: 20173536, 2000)

- Integrated Fluorescence Polarization (FP) based detection in microchip based electrophoresis separation of proteins (Patentee: Dipankar Chaudhuri) (ID: 21183201, 2001)

- Use of pressure-driven flow in integrated assay detection of proteases and kinases as sample macromolecules on microchips (Patentee: Dipankar Chaudhuri) (ID: 20284536, 2002)

- Integrated FP detection for microchip based cell-based assays (Patentee: Dipankar Chaudhuri) (ID: 211183215, 2002)

Department of Electronics & Communication Engineering:

- Novel low contention keeper design to enable ultra low voltage read operation of register file & ROM (Patentee: Krishanu Datta) (ID: 71308, 2009)

Department of Computer Science & Engineering:

- Optimization technique using evolutionary algorithms (Patentee: Dinabandhu Bhandari, C. A. Murthy, Sankar Kumar Pal) (Published on 15 Apr 2014, Publication No.: US8700548 B2, Application No.: US 13/265,480, PCT No. : PCT/IB2010/054679)

CONFERENCES

International

- An International Conference on "Advances in Bioprocess Engineering and Technology" (ICABET -2016) organized by the Department of Chemical Engineering (ChE) and the Department of Biotechnology (BT) at our Institute during January 20th to 22nd, 2016. The conference was inaugurated by Shri Keshari Nath Tripathi, the Hon'ble Governor of West Bengal. Authors from various reputed institutes, including those in Turkey, Poland, USA, Australia and Bangladesh, and also from well-known technical institutes in India like IIT-Bombay, IIT-Kharagpur, JU, IIIT-Hyderabad, IIT-Roorkee CGCRI, etc. participated in the 3-day conference.
- An International Conference on "Applied Algorithm" (ICAA – 2014), the 1st of its series, with 7 eminent invited speakers from Germany, USA, Greece, Israel and India and Proceedings published by Springer, was organized during 13-15.01.2014, inaugurated by Prof. Ajoy Kumar Ray, Director, IIEST
- An International Conference on "Electronics, Communication and Instrumentation" (ICECI – 2014) with invited speakers from UK, Canada and India and proceedings to be published by IEEE Digital Library was organized during 16-17.01.2014, inaugurated by Prof. Bhabani P. Sinha, ISI, Kolkata

National

- National Conference on "Recent Advances in Science & Technology (NCRAST – 2016)" was organized by Heritage Institute of Technology during 27-29.09.2016. The primary goal of the Conference is to promote research and development activities in emerging areas of Science & Technology. The conference was inaugurated by Prof. (Dr.) Bikash Sinha, INSA Emeritus Scientist, Former Homi Bhaba Professor, Dept. of Atomic Energy and Former Director, Saha Institute of Nuclear Physics and Variable Energy Cyclotron Centre
- National Level Workshop on Solid Waste Management, organized by the Dept. of Chemical Engineering was held during 19-20 March, 2015, in which National level policy makers on Solid Waste Management were present as resource persons.
- National Seminar on Role of Mathematics in Socio-Economic Research was organized by the Department of Mathematics in collaboration with Liberalization of Society by Education & Research (L'SER) and Operational Research Society of India (ORSI), Kolkata during 28-29 March, 2015.
- The prestigious Centenary Celebration of the Indian Science Congress was organized by the University of Calcutta in collaboration with HITK from 3rd January to 7th January 2013.

As a part of the celebrations, the following two interactive sessions were held at the campus:

(i) An Interactive Session with Prof.Ei-ichi Negishi,2010 Nobel Laureate in Chemistry from Japan on 04.01.2013 and

(ii) The programme: 'Children Scientists Meet' on 06.01.2013 in which several eminent personalities including Prof. Yuan Tseh Lee,Nobel Laureate in Chemistry for 1986 interacted with students of Heritage and other Institutions

LABORATORIES

Dept. of Applied Electronics & Instrumentation Engineering

Electronics Measurements & Instrumentation Lab ○ Transducers & Sensors 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 & Control Design Lab ○ DSP & Embedded Systems Lab ○ Project Lab ○ Process Instrumentation Lab ○ Virtual Instrumentation Lab ○ Analog and Digital Electronics Lab ○ R&D Lab (MEMS Sensor Design Lab)

Dept. of Biotechnology

Biochemistry Lab ○ Microbiology Lab ○ Basic Environmental Engineering and Elementary Biology Lab ○ Fermentation Technology Lab ○ Bioinformatics Lab ○ Plant Tissue Culture Lab ○ rDNA Technology Lab ○ Immunology Lab ○ Molecular Biology Lab ○ Research Lab ○ Genetics Lab ○ Food Biotechnology Lab

Dept. of 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 ○ Project Lab ○ Research Lab ○ Environmental Engg. Lab

Dept. of Civil Engineering

○ Strength of Materials Lab ○ Survey Practice Lab ○ Building Design & Drawing ○ Soil Mechanics I & II Labs ○ Fluid Mechanics Lab ○ Concrete Lab ○ Quantity Surveying, Specifications & Valuation Lab ○ Engineering Geology Lab ○ Highway & Transportation Engg. Lab ○ Detailing of RC and Steel Structure Lab ○ CAD Lab ○ Environmental Engg. Lab ○ Structural Engg. Design Practice Lab

Dept. of Computer Science & Engineering

○ Basic Computing Labs – I ○ Database Management System Lab ○ Computer Organization Lab ○ Central Computing Lab ○ Web Intelligence Lab ○ Computer Graphics & Multimedia Lab ○ Object Oriented Lab ○ Big Data Science Lab ○ Advanced Computing Lab (M.Tech.) ○ Linux Lab ○ Mobile Computing Lab ○ Project Lab

Dept. of Electrical Engineering

○ Basic Electrical Engineering Lab ○ Electrical Circuit Lab ○ Control System Lab ○ Electrical & Electronic Measurement Lab ○ Electrical Machines Lab ○ Microprocessor & Microcontroller Lab ○ Power System Lab ○ Power Electronics Lab ○ Electrical Drives Lab ○ Analog and Digital Electronics Lab

Dept. of Electronics & Communication Engineering

○ Basic Electronics Engineering Lab I & II ○ Digital Electronics & Integrated Circuit Lab ○ Analog Electronics Circuits Lab ○ Analog Communication Lab ○ Microwave Engineering Lab ○ Digital Communication Lab ○ Signal System Lab ○ Electronics Circuit Design Lab ○ VLSI Design Lab ○ Digital Signal Processing Lab ○ Communication Engg. Lab (M.Tech.) ○ Project Lab ○ Solid State Devices Lab ○ EM Theory & Transmission Lines Lab ○ Control System Lab

Dept. of Information Technology

○ Basic Computing Lab – II ○ Algorithm and Software Engg. Lab ○ DBMS Lab ○ ISAD & Java Lab ○ Computer Organization Lab ○ Multimedia & Web Technology Lab ○ Network & System Administration Lab ○ Project Lab

Dept. of Mechanical Engineering

○ Engineering Drawing Lab - I ○ Carpentry & Fitting Shop ○ Sheet Metal, Welding & Machine Shop ○ Applied Mechanics Lab ○ Workshop Practice-II ○ Advance Manufacturing Lab ○ Fluid Mechanics and Hydraulics Lab ○ Manufacturing Technology Lab ○ Material Testing Lab ○ Engineering Drawing – II (CAD-CAM Lab) ○ Thermal Power Engg. Lab ○ Thermodynamics & Heat Transfer Lab ○ Metrology & Measurement Lab ○ Machining & Machine Tools Lab ○ IC Engine Lab ○ Dynamics of Machines Lab ○ Fluid Power Control Lab ○ Applied Fluid Mechanics Lab ○ Air Conditioning and Refrigeration Lab ○ Mechatronics Lab

Computer Application Centre

○ Programming Lab (C), Data Structure Lab ○ Object Oriented Programming Lab, Database Lab ○ Algorithm Lab, Digital Logic Lab ○ UNIX and Network Programming Lab ○ Advanced Database Lab ○ Business Presentation and Language Lab ○ Software Engineering Lab ○ Web Technology Lab ○ Computer Graphics Lab

Dept. of Chemistry	Dept. of Humanities	Dept. of Physics
Engineering Chemistry Lab	Language Lab	Engineering Physics Lab

CENTRAL LIBRARY

The Central Library is housed in Central Block, fully air conditioned and covering an area of about 20000 sq.ft.

It has a generous collection of about 55,000 (approx) 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 related to Engineering & Technology are received through IEEE (ASPP). 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. The Institute has tie-up with The British Council Library and The American Library as Institutional Member and members of faculty, staff and students can avail themselves of this facility.

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.

COMPUTING FACILITIES

All degree awarding departments have its own computer laboratories for undertaking project, research and development work. All the computers are Wi-Fi connected with 64 Mbps leased line for 24 hours. All students are provided with unique email id for having anytime access to institute related information.

AUDITORIUM

Centrally air-conditioned Swami Vivekananda Auditorium with a seating capacity of 500 is situated in the Central Block of the Institute.

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 and / or willing to reside in hostels as well as their guardians are required to submit individual affidavits to the effect they area 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. To make the process easy, MHRD has developed an ONLINE facility for which affidavits are also required to be filed ONLINE at : www.antiragging.in OR www.amanmovement.org.

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. Multi-cuisine lunch and snacks are being served in the cafeteria.
Students' Corner	:	Essential books, stationery etc., as well as reprographic facilities are available in the corner.
Common Room	:	The Institute has separate 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 and basketball managed by a Sports Officer.
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	:	A branch of 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 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 Association of Computing Machinery (ACM), 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, which is very active.
- 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.
- Department of IT maintains a departmental website where students are allowed to post various technical/ non technical articles. Students can post their queries related to their subject matter which in turn being replied back by the members of their departmental faculty.
- Department of Biotechnology publishes its Bi-Annual newsletter titled "Biosys", which is very informative.
- An Alumni Association is functional and may be reached at www.alumniheritage.com
- Outstanding Students' Achievements in Competitive Examinations.

Success at CAT (only 90 percentile and above quoted)

2017

Name / Branch	All India Rank
Shri Indrasis Roy (ECE)	99.39
Shri Nikit Kedia (CSE)	98.45
Ms. Ruanna Ruth Rodriguez (ECE)	95.80
Shri Nabil Akhtar (ECE)	95.75
Shri D. Nihanth (ECE)	93.80
Shri Mainak Dutta (ECE)	92.88
Ms. Ankita Singh (BT)	92.30

2016

Name / Branch	All India Rank
Shri Sayak Guha (ECE)	98.98
Shri Souvik Parihal (ECE)	97.97
Shri Sarang Modi (AEIE)	97.45
Shri Ayan Das (CSE)	96.08
Shri Sounak Saha (ECE)	92.88
Shri Navonil Chatterjee (AEIE)	91.37
Shri Soumyabrat Tiwari (BT)	91.2
MS. Aurina Datta (ECE)	91.15

Success at GATE (All India Rank only up to 150 quoted)

2017

Name / Branch	All India Rank
Shri Anurag Nandy (ECE)	63
Shri Sanket Basu (EE)	79
Ms. Ankita Das (BT)	125
Ms. Urjaa Roy (ChE)	144

2016

Name / Branch	All India Rank
Ms. Aruja Rustagi (BT)	19
Ms. Ahana Chatterjee (BT)	62
Ms. Sakshi Maskara (CSE)	82
Shri Sunandan Dhar (BT)	91
Shri Keshab Patra (ME)	103
Ms. Torsha Kundu (BT)	129
Shri Manojit Laha (AEIE)	134

Other Academic Attainments

International

2016

- Shri Shubham Sharma, ChE, Ph.D., Brown University, USA
- Shri Archisman Ray Banerjee, ChE, M.Tech., University of Waterloo, Canada

2015
- **Ms. Anweswa Dutta**, BT, M.S., Neurosciences, King's College, London
- **Shri Arjun Chowdhury**, BT, M.S., Biochemical Engineering, Delft Institute of Technology, Netherlands

2014
- **Ms. Shreyashree Bose**, BT, Ph.D. program, Texas A&M University, USA
- **Ms. Dishari Banerjee**, BT, Ph.D. program, Washington State University, USA
- **Ms. Atreiyei Ray**, BT, Ph.D. program, University of Wisconsin, USA
- **Ms. Debapriya Sinha**, BT, Ph.D. program, University of Texas, Arlington, USA
- **Ms. Saheli De**, BT, M.S. program, Saarland University, Germany

National

- Rotaract Club of Heritage Institute of Technology was awarded for being the best club out of 30 Rotaract Clubs in Rotaract District 3291 at the Annual District Awards Event of Rotaract District 3291, for the term 2014-15, which was held on 28th June, 2015. A total of 16 awards were received by RC HITK (the maximum no. of awards that was ever received since 2009), details of which are as follows:

1. Best Club of Rotaract District 3291 **2.** Best President in Rotaract District 3291- Ramyani Mukherjee **3.** Best Secretary in Rotaract District 3291- Swarnadeep Biswas **4.** Best Club in Community Service **5.** Best Project- Joga Bonito (Knock out Football Tournament for raising funds for Durbar Football team - members comprising children of sex workers of Sonagachi : a red light area) **6.** Best R-Idea of the year- Liter of Light (A 2-day project to demonstrate use of ordinary water bottles and bleach to illuminate the houses of the poor : it is an eco friendly and cost effective method of providing light to those places which are quite congested) **7.** Best International Service Project- The Great Raffle for Nepal Earthquake victims **8.** Best Professional Development Project- Outliers (Women's Day Celebration) **9.** Best Special Area Project- Project Teach **10.** Best Club in Basic Education and Literacy **11.** Best club that has complied to DRR's thrust areas (a total of 26 thrust area projects) **12.** Club with best bulletin **13.** Club with best social media presence **14.** Most Popular Club **15.** Most Popular Rotaractor- Sayantani Roy **16.** Outstanding Rotaractor of Rotaract District 3291- Sayantani Roy

Awards Received

- One of the four teams of HITK, which were in the final round of 'SMART INDIA HACKATHON 2017"(1-2 April,2017) became Runners-Up in the Ministry of Earth Sciences Problem Category.The Prize Money is Rs 75,000/-. The students were Abhishek Agarwal(Team Leader),Ketan Patel,Sambo Dutta, Subham Sarawagi, Rohit Agarwal and Soumita Das all from 2nd year Computer Science & Engineering Department.

- Shri Debjyoti Chowdhury, a PG student in AEIE during 2011-2013 and now a member of faculty in the Department of AEIE received prestigious Gandhian Young Technological Innovation Award at Rastrapati Bhawan, New Delhi on 13.03.2016 for development of cost-effective self stabilizing smart platform (spoon/pen) for bringing stability to the hands of elderly persons or for patients with Parkinson's disease using MEMS triaxial accelerometer under the guidance of Prof. (Dr.) Madhurima Chattopadhyay, HOD, Department of AEIE.

- Shri Arunabha Mitra, M.Tech., 2015 graduate in AEIE under the guidance of Dr. Madhurima Chattopadhyay, HOD, AEIE has received ISSS Postgraduate Student Award (Masters) 2015 for his best M.Tech. thesis organized by Institute of Smart Structures and Systems, Department of Aerospace Engineering, Indian Institute of Science, Bangalore. It's a National Level Award for Excellence. The award was presented during ISSS NC7 2015 at CUSAT, Kochi.

- Shri Anirban Roy, 2007 graduate in ChE, presently undergoing research in Dept. of ChE, IIT Kharagpur, was selected as Joint Runner Up for 5th National Award for Technology Innovation in the Category of Polymers in Public Health Care, which would help develop affordable dialysis technology: the award consists of a shield, a citation and Rs. 2.00 lacs in cash presented by the Hon'ble Minister of Chemicals and Fertilizers, GOI during a function organized at Bangalore on 21.02.2015. He was also the recipient of Young Innovator of India 2015 in Make in India Conclave awarded by the Hon'ble Prime Minister.

- HITK, represented by Shri Devarchan Banerjee, 3rd yr CSE, Shri Ranadip Shankar Chowdhury, 4th year BT and Shri Neelabja Roy, 1st year CSE, bagged the 1st Runner Up position in Inter College IT Quiz Competition 2015 (with 27 participating colleges) organized by Computer Association of Eastern India and sponsored by NASSCOM on 13-14.02.2015 held at Netaji Indoor Stadium.

- Shri Priya Ranjan, a student of 4th year CSE, has received an award of 1000 Euros for presenting the winning idea to the Ideas Project for Asha App Challenge, organized by Nokia

- Shri Debapriya Sinha, Ms. Abira Sahu, Ms. Pratity Ray, Shri Dipayan Ghosh and Shri Govinda Sharma all 2013 graduates in BT, selected for the prestigious Summer Research Fellowship Programme 2013 of Indian Academy of Sciences.

Games & Sports

- Ms. Mayurakshi Mukherjee, 2nd yr B.Tech., ECE, won
a. Silver medal in both Women's Coxless Fours and Single Sculls in the 74th ARAE – FEARA Rowing Championship held at Centre of Military Engineers Rowing Club, Pune on 13-17.01.2016
b. Gold medal in both Women's Coxless Fours and Single Sculls in the 5th Netaji Subhas State Games hosted by Bengal Olympic Association from 18-21.01.2016 held at Rabindra Sarobar, Kolkata
c. Bronze in Single Sculls (500 mts.) in 34th Senior National and 18th Open Sprints Rowing Championship from 25-31.01.2016 held at Hyderabad, Telengana
d. Silver Medal in the Single Sculls and Bronze in Double Sculls in the All India Inter University Rowing (M & W) Championship 2015-2016 organized by Osmania University from 21-23.02.2016 held at Hyderabad, Telengana
e. 2016 Asian Indoor Rowing Championships held in Pattaya, Thailand on 30th October, 2016. She made us proud by bagging a Silver medal in the Open Mixed Four Category and a Bronze medal in Women's Doubles.
- HITK emerged as Runner Up in Inter College Cricket Tournament organized by the Institute in 2015
- HITK emerged as Runner Up in Inter College Football Tournament (ELASTICO) organized by the Institute in 2015
- HITK emerged as 2nd Runner Up in Inter College Table Tennis Tournament organized by the Institute in 2015

Extra-Curricular Activities

A film by Shri Kaustav Debnath, an IT graduate of the Institute was screened in Kolkata International Film Festival 2013 on 16.11.2013

Shri Anuvab Bandyopadhyay, a 2016 graduate in CSE was adjudged the Best Speaker in a debate competition organized by BNCCI on the motion: "Renewable Energy meets Energy Security"and received Prize and Certificate from the President of India in 160th AGM of BNCCI held on 14.09.2013

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 JEE 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 the 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 MAKAUT 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 MAKAUT. However, those having GATE score have to fill in the application form and submit the same to MAKAUT 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
- 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 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 students from minority communitieson the other.

Heritage Institute of Technology
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