Where learning is an interactive evolutionary process...

Heritage Institute of Technology
(An Autonomous Institute, affiliated to MAKAUT)
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.

The Institute has been conferred autonomous status by the University Grants Commission in 2014, initially for a period of 6 (six) years. It is also recognized under Section 2(f) of the UGC Act.

Kalyan Bharti Trust

BOARD OF TRUSTEES

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

<table>
<thead>
<tr>
<th>Chairman</th>
<th>Secretary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shri Hari Krishna Chaudhary</td>
<td>Shri Sajjan Bhajanka</td>
</tr>
<tr>
<td>Vikram India Ltd.</td>
<td>Century Plyboards () Ltd.</td>
</tr>
<tr>
<td>Vice-Chairman</td>
<td>Treasurer</td>
</tr>
<tr>
<td>Shri Vikram Swarup</td>
<td>Shri Jaydeep Chitlangia</td>
</tr>
<tr>
<td>Paharpur Cooling Towers Ltd.</td>
<td>Madhya Bharat Papers Ltd.</td>
</tr>
</tbody>
</table>

MEMBERS

<table>
<thead>
<tr>
<th>Member</th>
<th>Company/Industry</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shri Prahlad Rai Agarwala</td>
<td>Rupa &amp; Co Ltd.</td>
</tr>
<tr>
<td>Shri Dayaram Agarwal</td>
<td>RGA Software Systems Pvt. Ltd.</td>
</tr>
<tr>
<td>Shri Dharam Chand Agarwal</td>
<td>Hi-Tech Systems &amp; Services Ltd.</td>
</tr>
<tr>
<td>Shri Mahabir Prasad Agarwal</td>
<td>Shyam Sel &amp; Power Ltd.</td>
</tr>
<tr>
<td>Shri Sanjay Agarwal</td>
<td>Century Plyboards () Ltd.</td>
</tr>
<tr>
<td>Shri Sajjan Kumar Bansal</td>
<td>Skipper Ltd.</td>
</tr>
<tr>
<td>Shri Suresh C. Bansal</td>
<td>Beekay Steel Industries Ltd.</td>
</tr>
<tr>
<td>Shri Hari Prasad Budhia</td>
<td>Patton International Ltd.</td>
</tr>
<tr>
<td>Shri Narain Prasad Dalmia</td>
<td>Dalmia Securities Pvt. Ltd.</td>
</tr>
<tr>
<td></td>
<td>Shri Kamal Kumar Dugar KK Dugar &amp; Co.</td>
</tr>
<tr>
<td></td>
<td>Shri Mahendra Kumar Jalan NKJ Enterprises Ltd.</td>
</tr>
<tr>
<td></td>
<td>Shri Shyam Sundar Kejriwal Kiswok Industries Pvt. Ltd.</td>
</tr>
<tr>
<td></td>
<td>Shri Narhari Prasad K.Koya Indian Coal Agency</td>
</tr>
<tr>
<td></td>
<td>Shri Manish Periwal Pioneer Urban Land &amp; Infrastructure Ltd.</td>
</tr>
<tr>
<td></td>
<td>Shri Vishambhar Saran Vise Steel Ltd.</td>
</tr>
<tr>
<td></td>
<td>Shri Sundeep Shah Eastern Silk Industries Ltd.</td>
</tr>
<tr>
<td></td>
<td>Shri Gaurav Swarup Paharpur Cooling Towers Ltd.</td>
</tr>
<tr>
<td></td>
<td>Shri Siddharth Swarup Paharpur Cooling Towers Ltd.</td>
</tr>
</tbody>
</table>

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**

<table>
<thead>
<tr>
<th>Disciplines</th>
<th>Approved Intake*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied Electronics &amp; Instrumentation Engineering*</td>
<td>60 UG 18 PG</td>
</tr>
<tr>
<td>Biotechnology*</td>
<td>60 UG 18</td>
</tr>
<tr>
<td>Chemical Engineering*</td>
<td>60 --</td>
</tr>
<tr>
<td>Civil Engineering</td>
<td>120 --</td>
</tr>
<tr>
<td>Computer Science &amp; Engineering**</td>
<td>180 36</td>
</tr>
<tr>
<td>Electrical Engineering</td>
<td>60 --</td>
</tr>
<tr>
<td>Electronics &amp; Communication Engineering*</td>
<td>180 18</td>
</tr>
<tr>
<td>Electronics &amp; Communication Engineering (VLSI)</td>
<td>-- 18</td>
</tr>
<tr>
<td>Information Technology*</td>
<td>60 18</td>
</tr>
<tr>
<td>Mechanical Engineering</td>
<td>120 --</td>
</tr>
<tr>
<td>Renewable Energy***</td>
<td>18</td>
</tr>
<tr>
<td>MCA</td>
<td>-- 60</td>
</tr>
</tbody>
</table>

* 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 in 2014 for 5 years. *** Introduction of new M.Tech. programme in Renewable Energy from 2016-2017 (Proposed)

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**

- Institute is recognized u/s 2(f) of the UGC Act, 1956.
- Heritage Institute of Technology was selected as 1 (one) out of only 25 (twenty five) self financed Institutes, initially selected across the country for award of grant under Technical Educational Quality Improvement Program, Phase — II (TEQIP-II) funded by the World Bank and monitored by MHRD, Govt. of India. The Institute has also met 10 indicators out of 10 as per Performance Assessment Report published by NPIU in its web portal (as on 22-04-2014). 51 (fifty one) well performing Institutes out of total 190 TEQIP-II funded Institutes in India would receive an additional grant over and above their project life time allocation. Out of these 51 institutes, 17 (seventeen) private unaided Institutes would receive an additional grant of Rs. 2 crore each. The Institute is one amongst them.
- 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.

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.

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 allotted a mentor (faculty member). By building up rapport with the mentees, the mentor would be able to infuse confidence in them and make them feel at home.

University Results

University Toppers covering all disciplines (for 3 years taking into consideration last Convocation held in 2011)

- 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 taking into consideration 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.

College Toppers Since 2014

<table>
<thead>
<tr>
<th>B. Tech.</th>
<th>2014 (DGPA)</th>
<th>2015 (DGPA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AEIE</td>
<td>Suvata Das (9.85)</td>
<td>Sohum Misra (9.38)</td>
</tr>
<tr>
<td>BT</td>
<td>Abira Sahu (9.41)</td>
<td>Nidhi Khandelwal (9.47)</td>
</tr>
<tr>
<td>CSE</td>
<td>Suman Daga (9.25)</td>
<td>Varsha Nagarajan (9.24)</td>
</tr>
<tr>
<td>CSE</td>
<td>Madhurima Dutta (9.28)</td>
<td>Shreyasi Chakraborty (9.47)</td>
</tr>
<tr>
<td>IT</td>
<td>Surendra Agrawal (9.83)</td>
<td>Avishek Mazumder (8.52)</td>
</tr>
<tr>
<td>ME</td>
<td>--</td>
<td>Sayantan Das (9.09)</td>
</tr>
<tr>
<td>CE</td>
<td>--</td>
<td>Aupal Mondal (9.53)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>M. Tech.</th>
<th>2014 (DGPA)</th>
<th>2015 (DGPA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AEIE</td>
<td>Jay Shree Chakraborty (9.4)</td>
<td>Ulita Dev Roy (9.65)</td>
</tr>
<tr>
<td>BT</td>
<td>Anusi Sarkar (9.69)</td>
<td>Pronomita Biswas (9.72)</td>
</tr>
<tr>
<td>CSE</td>
<td>Chinmoy Saha (9.5)</td>
<td>Maitytee Hazary (9.12)</td>
</tr>
<tr>
<td>CSE</td>
<td>Debakum Brahma (9.75)</td>
<td>Suchandra Das (9.16)</td>
</tr>
<tr>
<td>ECE</td>
<td>Chandrima Dasgupta (9.69)</td>
<td>Annapurna Mondal (9.42)</td>
</tr>
<tr>
<td>IT</td>
<td>Priyam Sarkar (8.86)</td>
<td>Pranika Kundu (8.99)</td>
</tr>
</tbody>
</table>

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, are listed below.

Accenture Services Pvt. Ltd.
Alchem International Pvt. Ltd.
Apollo Tyres
Avery India Ltd.
Benger Points Ltd.
Birla Jute Mills Ltd.
BOSCH
BOC India Ltd. (Linde Group)
Capgemini India Pvt. Ltd.
CEAT Ltd.
Century Plyboards (I) Ltd.
Cognizant Technologies Solutions
Colgate Palmolive Ltd.
GMK Rx Lens Pvt. Ltd.
Godrej & Boyce Mfg. Co. Ltd.
Haldia Petrochemicals Ltd.
HCL Technologies Ltd.
HDFC Bank Ltd.
Hewlett Packard India
IBM India Pvt. Ltd.
ICICI Bank Ltd.
IDBI Bank Ltd.
Idea Cellular
Infosys Technologies Ltd.
Inox Air Products Ltd.
ITC Infotech Ltd.
L&T Infotech Ltd.
Meditab Softwares Inc.
Metal Junction Services Ltd.
Microsoft
James Warren Tea
Johnson Controls
Mindtree
NIIT Technologies Ltd.
Nomura Rx Fin Tech
Odessa Technologies
Paharpur Cooling Towers Ltd.
Patton India Ltd.
Persistent Systems Ltd.
Philips Carbon Black Ltd.
Polaris Networks (Dynamic Digital Tech.)
Prime Focus
Reliance Communications Ltd.
Rene Impex Pvt. Ltd.
Sammar Engineering
Tata Chemicals Ltd.
Tata Consultancy Services Ltd.
Tata Elxsi Ltd.
Tata Ryersons
Tech Mahindra Ltd.
Times of India
Tractors India
UST Global
VA Tech Wabag India
Viro Steel Ltd.
Vodafone
Voith Paper Technology Pvt. Ltd.
Wacker Metzancoh Chemicals
Wipro Technologies 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 the period 2015-2016 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**

- 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

**International**

• 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 seven batches of student had 6-week training program at NJIT during the period 2008-2015: the ninth batch of students would be leaving for this program in mid June 2016 and thus, since its inception in 2008, the NJIT-HITK Summer Research Program will have catered to a total of 84 students from HITK, in addition to over 13 students from BRCM CET (Bahal).

• 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 interdisciplinary 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, Deputy Director & Professor, ECE**

**Academic Departments:**

**Degree awarding Departments / Centre**

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

- Professor (Dr.) Madhurima Chattopadhyay, Professor & HOD
- Professor Sunajit Bagchi, Associate Professor
- Professor Abhinda Kumar Pal, Associate Professor
- Professor (Dr.) Santanu Ghorai, Associate Professor
- Prof. Rehema Sengupta, Assistant Professor
- Prof. Damayanti Ghosh, Assistant Professor
- Prof. (Dr.) Soumyendaro Das, Assistant Professor
- Prof. Indrajit Naskar, Assistant Professor
- Prof. Anindom Sarkar, Assistant Professor
- Prof. Suman Alam, Assistant Professor
- Prof. Sanik Chakraborty, Assistant Professor & DC
- Prof. Pradipta Saha, Assistant Professor

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

- Professor (Dr.) Subhabrata Sengupta, Emeritus Professor
- Professor (Dr.) Sarbani Biswas, Professor & HOD
- Professor (Dr.) Dipankar Chaudhuri, Associate Professor
- Prof. (Dr.) Riddhi Goswami, Assistant Professor & DC
- Prof. (Dr.) Nandam Kumar Jana, Assistant Professor
- Prof. (Dr.) Tapan Kumar Ghosh, Assistant Professor
- Prof. (Dr.) Soma Banerjee, Assistant Professor
- Prof. Biswajit Chakraborty, Assistant Professor
- Prof. (Dr.) Sudipta Dey, Assistant Professor

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**Notes:**

- **Faculty & Staff**
- **Degree awarding Departments / Centre**
- **Academic Departments**
- **Applied Electronics & Instrumentation Engineering (B.Tech. & M.Tech.)**
- **Biotechnology (B.Tech. & M.Tech.)**
- **International**
- **University of Alabama at Birmingham, USA**
- **University of Massachusetts, Lowell, USA**
- **New Jersey Institute of Technology (NJIT), NJ, USA**
- **College of Natural Science, Sungkyunkwan University, Korea**
Chemical Engineering (B.Tech.)

Professor (Dr.): Pinaki Bhattacharyya, Professor & HOD
Professor (Dr.): Swarnim Vohra, Professor
Professor (Dr.): Soumen Deb, Assistant Professor
Professor (Dr.): Chiranjib Bhowmick, Assistant Professor
Professor (Dr.): Udayalwar Deb, Assistant Professor
Professor (Dr.): Pradip Dutta, Assistant Professor
Professor (Dr.): Sukanta Das, Assistant Professor
Professor (Dr.): Purnima Sen, Assistant Professor
Professor (Dr.): Pratim Dey, Assistant Professor
Professor (Dr.): Supriyo Bhattacharya, Assistant Professor
Professor (Dr.): Prasanta Das, Assistant Professor

Civil Engineering (B.Tech.)

Professor (Dr.): Tapas Sadhu, Professor & HOD
Professor (Dr.): Sarminta Saha, Associate Professor
Professor (Dr.): Suchasen Sarkar, Assistant Professor & DC
Professor (Dr.): Manas Biswas, Assistant Professor
Professor (Dr.): Kasturi Majumdar, Assistant Professor
Professor (Dr.): Prosenjit Giri, Assistant Professor
Professor (Dr.): Subhrajit Sarkar, Assistant Professor
Professor (Dr.): Suchit Rana, Assistant Professor
Professor (Mr.): Pradip Dutta, Assistant Professor
Professor (Dr.): Soumitra Majumdar, Assistant Professor
Professor (Dr.): Rudra Prasad Roychowdhury, Assistant Professor

Computer Application Centre (MCA)

Professor (Dr.): Sharmila Dutta, Director, CAC & Associate Professor
Professor: Souvik Basu, Assistant Professor & DC
Professor: Sudeshna Ghosh (Goswami), Assistant Professor
Professor: Debabrata Ray, Assistant Professor
Professor: Anurag Panda, Assistant Professor
Professor: Swapan Ganguly, Assistant Professor
Professor: Subhrajit Banerjee, Assistant Professor
Professor (Dr.): Jyotirmoy Ghosh, Assistant Professor
Professor: Nibedita Bhowmick, Assistant Professor
Professor: Pratim Dey, Assistant Professor
Professor: Himanshu Giri, Assistant Professor

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

Professor (Dr.): Pramod Chakraborty, Principal & Professor
Professor (Dr.): Subhashis Majumdar, Professor & HOD
Professor (Dr.): Amitava Bagchi, Emeritus Professor
Professor: Kalyan Ray, Associate Professor
Professor (Dr.): Aniruddha Desgupta, Associate Professor
Professor: Koushik Pal, Assistant Professor
Professor (Dr.): Dinabandhu Bhowmick, Associate Professor
Professor: Somendrakumar Ghosh, Assistant Professor
Professor: Mohini Bhattacharya, Assistant Professor
Professor (Dr.): Pulak Nath, Assistant Professor & DC
Professor: Shilpi Saha, Assistant Professor
Professor: Sujoy Saha, Assistant Professor
Professor: Manabendran Majumdar, Assistant Professor
Professor: Nilima Bera, Assistant Professor
Professor: Sandip Samaddar, Assistant Professor
Professor: Pratyush Dash, Assistant Professor

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

Professor (Dr.): Sambhunath Biswas, Dy. Director & Professor
Professor (Dr.): Prabir Banerjee, Professor & HOD
Professor (Dr.): Pabitra Kumar Ray, Professor
Professor: Silabati Sen, Associate Professor
Professor: Krishanu Dutta, Associate Professor
Professor (Dr.): Anindya Sen, Associate Professor
Professor (Dr.): Soumen Bhattacharyya, Assistant Professor
Professor: Anupam Mukherjee, Assistant Professor
Professor: Bijaya Sarkar, Assistant Professor
Professor: Bidhuti Roy, Assistant Professor
Professor: Biswas Mandal, Assistant Professor
Professor: Rakesh Bhattacharya, Assistant Professor
Professor: Anirban Ray, Assistant Professor
Professor: Soumya Banerjee, Assistant Professor
Professor: Prasanta Majumdar, Assistant Professor
Professor (Dr.): Mouakil Kar, Assistant Professor
Professor: Subhrajit Chakraborty, Assistant Professor
Professor: Shib Shankar Bhattacharya, Assistant Professor
Professor: Soumya Barman, Assistant Professor
Professor: Md. Shahin, Assistant Professor
Professor: Rajib Ranjan Pal, Assistant Professor
Professor: Abhishek Das, Assistant Professor
Professor: Soumen Chatterjee, Assistant Professor
Professor (Dr.): Chandrima Roy, Assistant Professor
Professor: Suchismita Bhattacharya, Assistant Professor
Professor: Pratima Banerjee, Assistant Professor
Professor: Dipankar Samaddar, Assistant Professor
Professor: Swapan Mitra, Assistant Professor
Professor: Debajyoti Saha, Assistant Professor
Professor: Dipankar Biswas, Assistant Professor
Professor: Madhumita Mukherjee, Assistant Professor
Professor (Dr.): Sanatan Pandey, Assistant Professor
Professor: Soumya Kanit Raj, Assistant Professor
Professor: Kasturi Mukherjee, Assistant Professor

Electrical Engineering (B.Tech.)

Professor (Dr.): Satyajit Majumdar, Professor & HOD
Professor (Dr.): Subhajit Dutta, Associate Professor
Professor: Aniruddha Acharya, Assistant Professor
Professor: Prabir Banerjee, Assistant Professor
Professor: Sudipto Mitra, Assistant Professor & DC
Professor: Sanjay Chandra Das, Assistant Professor
Professor: Debabrata Das, Assistant Professor
Professor: Partha Mukherjee, Assistant Professor (on lien)
Professor: Prasanta Chakraborty, Assistant Professor (on lien)
Professor: Partha Basu Chowdhury, Assistant Professor (on lien)

Engineering (B.Tech.)

Professor (Dr.): Sambhunath Biswas, Dy. Director & Professor
Professor (Dr.): Prabir Banerjee, Professor & HOD
Professor (Dr.): Pabitra Kumar Ray, Professor
Professor: Silabati Sen, Associate Professor
Professor: Krishanu Dutta, Associate Professor
Professor (Dr.): Anindya Sen, Associate Professor
Professor (Dr.): Soumen Bhattacharyya, Assistant Professor
Professor: Anupam Mukherjee, Assistant Professor
Professor: Bijaya Sarkar, Assistant Professor
Professor: Bidhuti Roy, Assistant Professor
Professor: Biswas Mandal, Assistant Professor
Professor: Rakesh Bhattacharya, Assistant Professor
Professor: Anirban Ray, Assistant Professor
Professor: Soumya Banerjee, Assistant Professor
Professor: Prasanta Majumdar, Assistant Professor
Professor: Prabir Banerjee, Professor & HOD
Professor (Dr.): Sambhunath Biswas, Dy. Director & Professor
Professor: Prabir Banerjee, Professor & HOD
Professor: Pabitra Kumar Ray, Professor
Professor: Silabati Sen, Associate Professor
Professor: Krishanu Dutta, Associate Professor
Professor (Dr.): Anindya Sen, Associate Professor
Professor (Dr.): Soumen Bhattacharyya, Assistant Professor
Professor: Anupam Mukherjee, Assistant Professor
Professor: Bijaya Sarkar, Assistant Professor
Professor: Bidhuti Roy, Assistant Professor
Professor: Biswas Mandal, Assistant Professor
Professor: Rakesh Bhattacharya, Assistant Professor (on lien)
Professor: Partha Basu Chowdhury, Assistant Professor (on lien)
Information Technology (B.Tech. & M.Tech.)

Professor (Dr.) Tapan Chakraborty, Professor & HOD

Professor (Dr.) Rahul Kumar Majumdar, Professor

Professor (Dr.) Anindya Jyoti Pal, Associate Professor & DC

Professor (Dr.) Sandip Chattaraj, Assistant Professor

Professor Shuvra Chattaratna, Assistant Professor

Professor (Dr.) Somjit Banerjee, Assistant Professor

Professor Rituparna Ghosh, Assistant Professor

Professor Dipankar Chakraborty, Assistant Professor

Professor Sudeip Sarkar, Assistant Professor

Mechanical Engineering (B.Tech.)

Professor (Dr.) Dukul Chandra Roy, Emeritus Professor & TEQIP Coordinator

Professor (Dr.) Siddhartha Ray, Professor

Professor (Dr.) Sukanta Sarker, Associate Professor & HOD

Professor (Dr.) Anil Kumar Roy, Associate Professor

Professor Bankim Pattnaik, Assistant Professor

Professor Anup Jyoti Bhattacharyya, Assistant Professor

Professor Amalendu Biswas, Assistant Professor

Professor Ritwik Mandal, Assistant Professor

Professor Rajdeep Sengupta, Assistant Professor

Professor Prasanta Mandal, Assistant Professor

Professor Harunur Rashid, Assistant Professor

Professor (Dr.) Sumanta Banerjee, Assistant Professor

Professor Sukanta N. Mukhopadhyay, Assistant Professor & DC

Professor Sudip Kumar Halder, Assistant Professor

Professor Subhankar Kundu, Assistant Professor

Professor Anirban Barman, Assistant Professor

Professor Vishnu Kumar Singh, Assistant Professor

Professor (Dr.) Anubhab Basu, Assistant Professor

Other Departments

Chemistry

Professor (Dr.) Dukul C Mukherjee, Advisor

Professor (Dr.) Abhijit Mandal, Assistant Professor

Professor (Dr.) Ananddulal Adhikary, Assistant Professor & DC

Professor (Dr.) Ruma Ray Chaudhury, Assistant Professor

Professor (Dr.) Rituparna Mukherjee, Assistant Professor

Professor (Dr.) Sushant Deb, Assistant Professor

Professor (Dr.) Kasturi Samyal, Assistant Professor

Professor (Dr.) Debabrata Deb, Assistant Professor (On lien)

Professor (Dr.) Shreeprasad Gupta, Assistant Professor (On lien)

Professor (Dr.) Ratna Majumdar, Assistant Professor (On lien)

Humanities

Professor (Dr.) Suparna Chakraborty, Assistant Professor & HOD

Professor Aditi Bhunia Chakraborty, Assistant Professor

Professor (Dr.) Arindam Das, Assistant Professor

Professor (Dr.) Kasturi Gaha Thakurta, Assistant Professor

Professor Saptaparna Ray, Assistant Professor & DC

Professor Alok Muliak, Assistant Professor

Professor (Dr.) Suparna Mukherjee, Assistant Professor & DC

Professor (Dr.) Jyotsnashil Chatterjee, Assistant Professor

Professor (Dr.) Dibyendu Mal, Assistant Professor

Professor (Dr.) Arindra Sen, Assistant Professor

Professor (Dr.) Himadri Ghosh, Assistant Professor

Professor (Dr.) Dipankar Chakraborty, Assistant Professor

Professor Sudeep Sarkar, Assistant Professor
Research Grants

- 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 Search for New Physics beyond Standard Model: Insights from LHC and neutrino experiments funded by Science & Engineering Research Board (SERB), Dept. of S&T, Govt. of India where Dr. Abhijit Samanta, Asstt. Prof., Dept of Physics is the Principal Investigator (with a financial outlay of Rs. 14.64 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, IMC, BESU, 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 the 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 herbal 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


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: 211829201, 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:


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) of 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, IU, IIT-Hyderabad, IIT-Roorkee CGCI, 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. Ajay 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 Mathematical Trends in Physical Sciences 2014 (NCMTPS 2014), jointly organized by the Depts. of Maths and Physics during 13-14.08.2014, was inaugurated by Swami Atmapriyanandaji Maharaj, VC, RK Mission Vivekananda University, Belur. The e-proceedings of the Conference were published by the internationally reputed Research Publishing Services, Singapore. The e-proceeding contains 13 articles in total.
- 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.

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

Dept. of Biotechnology

- Biochemistry Lab
- Microbiology Lab
- Basic Environmental Engineering and Elementary Biology Lab
- Fermentation Technology Lab
- Bioinformatics Lab
- Plant Tissue Culture Lab
- DNA & Genetic Engg., Lab
- Immunology Lab
- Enzyme Technology Lab
- Molecular Biology Lab
- Downstream Processing Lab
- Project Lab (M.Tech.)
- 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

- Solid Mechanics Lab
- Survey Practice – I & II
- 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 • CAD Lab • Environmental Engg. Lab • Structural Engg. Design Practice Lab

**Dept. of Computer Science & Engineering**

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

**Dept. of Electrical Engineering**

• Basic Electrical Engineering Lab • Electrical Circuit Lab • Control System Lab • Electrical Measurement Lab • Electrical Machines Lab • Microprocessor & Microcontroller Lab • Power System Lab I & II.

**Dept. of Electronics & Communication Engineering**

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

**Dept. of Information Technology**

• Basic Computing Lab – I & II • Algorithm and Software Engg. Lab • DBMS Lab • ISAD Lab • Java Lab • Microprocessor & Computer Organization Lab • Multimedia Lab & Web Technology Lab • Network Lab • System Administration Lab • Wireless Networking Lab / Project Lab (M.Tech.)

**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 Mechanics Lab

**Computer Application Centre**

• Programming Lab (C) • Data Structure Lab • Database Lab • Object-Oriented Programming Lab (C++) • Unix Lab • Statistics and Numerical Analysis Lab • Software Project Management Lab • Graphics & Multimedia Lab • Accounting Systems Lab • Advanced Database Lab • Micro Programming & Architecture Lab

**Dept. of Chemistry**

**Dept. of Humanities**

• Engineering Chemistry Lab • Language Lab

**Dept. of Physics**

• Engineering Physics Lab

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**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 53,000 (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.

**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 64 Mbps leased line for 24 hours. All students are provided with unique email id for having anytime access to institute related information.
Auditorium
There is Auditorium with 500 seating capacity.

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

Students’ Corner
Essential books, stationery etc., as well as reprographic facilities are available in the corner.

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 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 — DAKSHHH are organized with much fanfare and enthusiasm.

• The Institute has Students’ Chapters of Computer Society of India (CSI), Instrumentation, Systems & Automation Society (ISA), Indian Institute of Chemical Engineers (IIChE) and Institute of Electrical & Electronics Engineers (IEEE). The Chapters frequently organize seminars, debates and workshops inviting experts from industry and academia.
• To encourage activities pertaining to robotics and participation by HITK students in robotics competition, both within and outside the campus, a robotics society — RobotiX — has taken shape at the Institute.

• The Institute has a Photography, Film and Drama Club: Prabhasana, 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

**Success at CAT (only 90 percentile and above quoted)**

**2016**

<table>
<thead>
<tr>
<th>Name / Branch</th>
<th>All India Rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sayak Guha (ECE)</td>
<td>98.98 percentile</td>
</tr>
<tr>
<td>Souvik Parikh (ECE)</td>
<td>97.97 percentile</td>
</tr>
<tr>
<td>Sarang Modi (AEIE)</td>
<td>97.45 percentile</td>
</tr>
<tr>
<td>Ayan Das (CSE)</td>
<td>96.08 percentile</td>
</tr>
<tr>
<td>Sounak Saha (ECE)</td>
<td>92.88 percentile</td>
</tr>
<tr>
<td>Navonil Chatterjee (AEIE)</td>
<td>91.37 percentile</td>
</tr>
<tr>
<td>Soumyabrat Tiwari (BT)</td>
<td>91.2 percentile</td>
</tr>
<tr>
<td>Aurina Datta (ECE)</td>
<td>91.15 percentile</td>
</tr>
</tbody>
</table>

**2015**

<table>
<thead>
<tr>
<th>Name / Branch</th>
<th>All India Rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anuraag Biswas (CSE)</td>
<td>99.48 percentile</td>
</tr>
<tr>
<td>Rahul Kasera (CSE)</td>
<td>99.33 percentile</td>
</tr>
<tr>
<td>Rochisman Datta (ECE)</td>
<td>98.63 percentile</td>
</tr>
<tr>
<td>Sweta Mukherjee (CSE)</td>
<td>97.7 percentile</td>
</tr>
<tr>
<td>Atif Raja Akbar (IT)</td>
<td>95.2 percentile</td>
</tr>
<tr>
<td>Arnab Kumar Banerjee (ECE)</td>
<td>97.65 percentile</td>
</tr>
</tbody>
</table>

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

**2016**

<table>
<thead>
<tr>
<th>Name / Branch</th>
<th>All India Rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anuja Rustagi (BT)</td>
<td>19</td>
</tr>
<tr>
<td>Abhata Chatterjee (BT)</td>
<td>62</td>
</tr>
<tr>
<td>Sakshi Maskara (CSC)</td>
<td>82</td>
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<tr>
<td>Sunandan Dhar (BT)</td>
<td>91</td>
</tr>
<tr>
<td>Keshab Patra (ME)</td>
<td>103</td>
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<tr>
<td>Torsh Kundu (BT)</td>
<td>129</td>
</tr>
<tr>
<td>Monojit Laha (AEIE)</td>
<td>134</td>
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</tbody>
</table>

**2015**

<table>
<thead>
<tr>
<th>Name / Branch</th>
<th>All India Rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sudhasattwa Roy (AEIE)</td>
<td>15</td>
</tr>
<tr>
<td>Pranav Preman (BT)</td>
<td>31</td>
</tr>
<tr>
<td>Sutirtha Das (CSE)</td>
<td>38</td>
</tr>
<tr>
<td>Shristy Thakkar (CSE)</td>
<td>42</td>
</tr>
<tr>
<td>Kusumika Sinha Roy (BT)</td>
<td>49</td>
</tr>
<tr>
<td>Swamadipt Mitra (BT)</td>
<td>54</td>
</tr>
<tr>
<td>Abhiroop Biswas (BT)</td>
<td>59</td>
</tr>
<tr>
<td>Shatabdi Chakraborty (BT)</td>
<td>68</td>
</tr>
<tr>
<td>Debadrita Basu (BT)</td>
<td>99</td>
</tr>
<tr>
<td>Vivek Ghosh (CSE)</td>
<td>117</td>
</tr>
<tr>
<td>Bikram Ghosh (ChE)</td>
<td>118</td>
</tr>
<tr>
<td>Anirban Chakraborty (ChE)</td>
<td>132</td>
</tr>
</tbody>
</table>

**Other Academic Attainments**

**International 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. Anrejey 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

2015

- 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 minimum 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

Higher Studies:

- Shri Swarnadeep Mitra, BT, M.Tech. program, IIT Kharagpur
- Ms. Shatabdi Chakraborty, BT, M.Tech. program, IIT Kharagpur
- Ms. Debadrita Basu, BT, M.Tech. program, IIT Guwahati
- Ms. Koel Mukherjee, BT, M.Tech. program, BITS Pilani

Awards received:

- 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.
- HITK, represented by Shri Ranadip Shankar Chowdhury, 4th year BT and Shri Prateen Dhara, 1st year ME, bagged the 1st Runner Up position in ET Campus Quiz organized at Vidya Mandir by State Bank of India and Hero MotoCorp on 02.02.2015

2014

Higher Studies:

- Shri Mayurketan Mukherjee, BT (M.Tech.), Ph.D. program, IIT Guwahati
- Ms. Sumedha Mukherjee and Ms. Suruchi Poddar, BT, Ph.D. program, IT - BHU
- Shri Dipayan Ghosh and Ms. Sohini Sengupta, BT, M.Tech. program, IIT Bombay
- Ms. Tanushree Halder, BT, M.Tech. program, IIT Kharagpur
- Ms. Gargi Mukhopadhyay, BT, M.Tech. program, IIT Guwahati
- Ms. Mahasweta Paul, BT, M.Tech. program, Jadavpur University
- Ms. Swagata Dutta, BT, M.Tech. program, Anna University

Games & Sports

2016

- Ms. Mayurakshi Mukherjee, 1st 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
2015

- HITK emerged as Runner Up in Inter College Cricket Tournament organized by the Institute.
- HITK emerged as Runner Up in Inter College Football Tournament (ELASTICO) organized by the Institute.
- HITK emerged as 2nd Runner Up in Inter College Table Tennis Tournament organized by the Institute.

2014

- HITK emerged as Champion in ‘Kick off the Game is on’: an Inter College Football Tournament organized by R.G. Kar Medical College, Kolkata, defeating SSKM Hospital & College in the final match by 3-2, held on 30.03.2014, in which 16 teams participated.

Extra-Curricular Activities

- A film by Shri Kaustav Debnath, a final year student in IT was screened in Kolkata International Film Festival 2013 on 16.11.2013.
- Shri Anuvab Bandyopadhyay, a 3rd yr student of 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 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.