Affiliations

Approved by
All India Council for Technical Education (AICTE)

Affiliated to
Maulana Abul Kalam Azad University of Technology (MAKAUT)

Life Institutional Membership of
Institution of Engineers (India)

Accredited (ME, CSE) by
National Board of Accreditation
### Our Major Recruiters

<table>
<thead>
<tr>
<th>Infosys</th>
<th>Tata Consultancy Services</th>
<th>RAMKY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cognizant</td>
<td>Wipro</td>
<td>Tech Mahindra</td>
</tr>
<tr>
<td>NEC HCL ST</td>
<td>Johnson Controls</td>
<td>Tata Power</td>
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<tr>
<td>Syntel</td>
<td>Nokia Siemens Networks</td>
<td>Oracle</td>
</tr>
<tr>
<td>TVCPL</td>
<td>EffiaSoft</td>
<td>Sasken</td>
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<tr>
<td>Simplex</td>
<td>Simoco</td>
<td>Mitsubishi Motors</td>
</tr>
<tr>
<td>Larsen &amp; Toubro</td>
<td>Jai Balaji Group</td>
<td>Airtel</td>
</tr>
<tr>
<td>RAHEJA Developers</td>
<td>Bosch</td>
<td>Accenture</td>
</tr>
</tbody>
</table>
From the Director’s Desk

Welcome to the College of Engineering & Management, Kolaghat, West Bengal (India).

We heartily welcome all the fresher students to our college and ensure that we will do everything possible to equip you with the best possible teaching resources, practical exposure and training methods so that you are able to shape up your life and career for a challenging world out there.

Our goal is to conduct state-of-the-art pedagogy for imparting quality value based education of international standard and help you to imbibe skills for solving real life problems. The development of a quality educational system largely depends upon the committed members of the faculty, supportive administration, learning resources, and last, but not the least, upon hardworking and brilliant students.

In our college, we believe in inspiring minds, improving their intellectual capacity and building characters which our students will treasure for their lifetime. Additionally, we endeavour to inculcate social values and principles of personal excellence, and care for others. You will be glad to hear that our college primarily focuses on making our students good human beings and also successful professionals through a strategic teaching of both theoretical and practical aspects, during the course of education.

It is our hope that you will take advantage of every opportunity which comes in your way to participate in our community here at CEMK, through social activities, educational events, and also in projects throughout the year.

We are certain that you would find these academic years the most inspiring years of your life. We hereby wish you all a very happy and academically fulfilling journey ahead and an outstanding stay in the college.

Wishing you all the very best!

Prof (Dr.) Amitava Sen

Director

College of Engineering & Management, Kolaghat, WB

“The highest education is that which does not merely give us information but makes our life in harmony with all existence.”

Rabindranath Tagore
Vision

Pursuing Excellence in Teaching-Learning to produce High Quality Engineering Professionals

Mission

To enhance the employability of our students by imparting high quality technical and professional education with continuous improvement of students’ performance as per the expectation of various stakeholders

To continuously upgrade the teaching methodology, as well as broaden the knowledge base, along with promoting a culture of research for achieving excellence.

The College

The College of Engineering & Management, Kolaghat (CEMK) was set up in the month of September, 1998, under the aegis of ‘Vidyasagar Society for Integrated Learning’ (VSIIL). The society is chaired by Shri Shobhandeb Chattopadhyay, Hon’ble MIC- Power & NES, Govt. of West Bengal.

The sprawling college campus, set amidst lush green landscape is situated only 59 Kms away from Kolkata, and is in the vicinity of Kolaghat Thermal Power Station.

The college enjoys the geographical advantage of being well connected not only with Kolkata by road (NH 6 and 41) and railway (S.E. Railway) but also with the industrial hubs of Haldia and Kharagpur. This offers the much needed industrial exposure to our students. Again the proximity to premier institutions of West Bengal like IIT-Kharagpur, IIEST-Shibpur, Jadavpur University, ISI-Kolkata, Calcutta University enriches the various aspects of academics through close and continuous interactions between CEMK and these institutions.

The experienced faculty and staff members, state of the art laboratories, the other infrastructure facilities, as well as the good placement record make CEMK a college of good repute. The college also earned a place for itself by achieving the distinction of getting TEQIP II grant and two of its departments: Computer Science & Engineering and Mechanical Engineering are already NBA Accredited.
# Members of the Vidyasagar Society for Integrated Learning

<table>
<thead>
<tr>
<th>Name</th>
<th>Position/Contact Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Shri Sobhandeb Chattopadhyay</strong></td>
<td>Hon’ble MIC, Power &amp; NES Dept Chairman</td>
</tr>
</tbody>
</table>
| **Mr Debasis Som**             | IAS (Retd.)
                                 | Secretary, VSIL
                                 | 98300 68606
                                 | som.debasish@gmail.com |
| **Shri Dibyendu Adhikari**     | Hon’ble MP Tamluk
                                 | 94340 05207
                                 | dibyendu.adhikari27@yahoo.com |
| **Mr Srikumar Banerjee**       | Director, WBPDCL                                               |
| **Mr Tapas Patra**             | General Manager, Kolaghat Thermal Power Station
                                 | P.O. Mecheda, Purba, Medinipur, 721 131
                                 | 83369 03694
                                 | gmktps2016@gmail.com |
| **Dr Ranajit Chakraborty**     | Associate Professor
                                 | Jadavpur University
                                 | Kolkata 700032 |
| **Prof. A N Sanyal**           | Ex-Prof., JU
                                 | Ramrajatala Station Road
                                 | P.O. – Santragachi, Howrah – 711 104
                                 | 94337 68642
                                 | sanyal.amarnath@gmail.com |
| **Mr Sujit Bose**              | Ex-GM, WBPDCL                                                  |
| **Mr Manojit Kumar Basak**     | Ex-Sr. Manager, WBPDCL                                         |
                                 | manojit1952@gmail.com |
| **Prof. (Dr.) Amitava Sen**    | Director, College of Engineering & Management, Kolaghat
                                 | KTPP Township, Mecheda
                                 | Purba Medinipur – 721 171
                                 | director@cemk.ac.in |
Members of the Governing Body

<table>
<thead>
<tr>
<th>Name</th>
<th>Position/Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mr Debasish Som, IAS (Retd.)</td>
<td>Chairman, Governing Body, CEMK</td>
</tr>
</tbody>
</table>
| Smt. Madhurima Mondal (Sabhadhipati)      | Purba Medinipur Zilla Parishad  
Tamluk 721 636                                                             |
| Mr Tapas Patra                            | General Manager - Ex. Officio  
Kolaghat Thermal Power Station  
Mecheda, Purba Medinipur 721 171                                               |
| Mr Vikram Swarup                          | Managing Director Paharpur Cooling Towers Ltd.  
Paharpur House 8/1/B Diamond Harbour Road, Kolkata 700 027                          |
| Regional Officer                          | All India Council for Technical Education Eastern Region  
College of Leather Technology Campus  
L B Block, Sector III, Salt Lake City Kolkata 700 098                                  |
| Director of Technical Education           | (Ex-Officio) Govt. of West Bengal  
Bikash Bhawan, 10th Floor Salt Lake City, Kolkata 700 064                           |
| Mr Sujit Bose                             | Ex-Gm, WBPDCL                                                                |
| Mr Manojit Kumar Basak                    | Ex-Sr. Manager WBPDCL                                                        |
| Registrar                                 | Maulana Abul Kalam Azad University of Technology  
BF 142, Sector I, Salt Lake Kolkata 700 064                                  |
| Prof. Narendra Nath Jana                  | Dept. of Electrical Eng. College of Engineering & Management  
Kolaghat, KTPP Township, Mecheda Purba Medinipur 721 171                          |
| Dr. Tapas Kumar Maiti                     | Asst. Prof. & HOD  
Dept. of Information Technology College of Engineering & Management  
Kolaghat, KTPP Township, Mecheda Purba Medinipur 721 171                          |
| Prof. (Dr.) Amitava Sen                    | Director and Secretary, Governing Body  
College of Engineering & Management, Kolaghat  
KTPP Township, Mecheda Purba Medinipur 721 171                                      |
The College has an excellent open-access library where the students directly choose their books from racks.

Sufficient Number of text books and reference books of around 41216 Volumes & 5523 Titles in different subjects/fields are available.

There is a good collection of Foreign journals (11 Vols), Online International journals (Springer-586), on-line Indian journals (49 numbers), 13 number Technical magazines, Newspapers, CDs and Project Papers of senior students are also available. Library management software LIBSYS with Web OPAC is also being used in the library.
Other Infrastructural Facilities

Home away from Home: Students’ Hostel

College Gymnasium

Access to Medical Facilities

Sports Facilities
CEMK has a Vibrant Campus Life

Drama Performance

Spandan: The Cultural Fest

Dance Performance

Robotics

Achievements in Sports

Achievements in Technical Innovation
Academic Programmes

The College offers following Full Time Engineering Courses leading to 4-year Bachelor of Technology (B Tech) Degree.

<table>
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<th>Courses</th>
<th>Approved Intake</th>
<th>Total</th>
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<td>WBJEE (Gen. Cat.)</td>
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<td>JEE (Main)</td>
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<tr>
<td>Electronics &amp; Communication Engineering (ECE)</td>
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<tr>
<td>*Mechanical Engineering (ME)</td>
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<td>03</td>
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</table>

*NBA accredited

All the programmes are duly approved by the All India Council for Technical Education (AICTE) and affiliated to the Maulana Abul Kalam Azad University of Technology (MAKAUT) formerly known as West Bengal University of Technology.
Applied Electronics & Instrumentation Engineering

The course “Electronics and Instrumentation” is an interdisciplinary course giving equal emphasis on Electronics, Communication, Instrumentation and Computers. The graduates of this course will definitely create a major impact in almost all the industries of today and tomorrow.

Mission

- To impart quality education through interactive teaching methods using modern teaching learning aids supplemented by hands-on laboratory experiments.
- To develop the faculty and staff members of the department for continuous improvement in teaching methodology for easy comprehension of subjects by the students.
- To pursue research and development in the related fields by upgrading the existing laboratories with the state of the art instruments in consultation with the expertise from the industries and academia.

Program Educational Objectives

- Gain in-depth technical knowledge in the field of Applied Electronics and Instrumentation engineering subjects including hands-on and on-site experience and preparation of physical models to cater the needs of both industry and research.
- Have optimum level of expertise in carrying out project and computational works in modern instrumentation engineering field and to synthesize technical concepts for applications, in the process and allied industries.
- To develop the ability and passion to work, wisely, creatively, effectively and collaboratively in groups under minimum supervision in pursuit of emerging leader in research and development.

Major Laboratories of AEIE

- **Remote Control &Telemetry lab**: The laboratory has Current, Voltage and Frequency Telemetry Systems. It has also Frequency Division Multiplexing and Time Division Multiplexing Systems for remote measurements of multiple data channels and wireless remote control telemetry system.
- **Transducer &Sensor Lab**: The laboratory has Trainer Kits for studying Displacement, Pressure, Proximity, Light Intensity, Rotation, Temperature and Weight. It has also Personal Computers with Lab View Software for simulation study.
- **Microprocessor & Microcontroller Lab**: This is a fully Air Conditioned Laboratory with individual Personal Computers supported by Simulator, Trainer Kits and I/O modules for doing 8085, 8088/86 and 8051 Microprocessor & Microcontroller based experiments.
- **Industrial Instrumentation Lab**: It has experimental set-ups for studying Temperature, Level, Moisture and Viscosity. It has also Dead Weight Tester for calibrating Pressure Gauge.
- **Process Control Lab**: This laboratory has Pressure, Temperature, Level and Flow Control Loops having State of the Art Equipment supporting HART Communication Protocol and HART Communicator. It has also an adjacent Air Conditioned Control Room having PLCs and Personal Computers with Lab View Software for Data Acquisition and Control.
- **Electronic Instrumentation and Measurement Lab**: It is fully Air Conditioned laboratory having Spectrum Analyser, DSO and other modern Testing & Measuring Equipment for studying characteristics of V to I & I to V Converters, VCO and PLL. Static & Dynamic characteristics of measuring equipment are also studied using MATLAB software. It has also a 16 channel Data Acquisition System for storing and analysis of multi channel data.
- **Digital Electronics Lab**: The laboratory is fully Air Conditioned and has sophisticated Testing & Measuring Equipment and Trainer Kits for doing experiments on Digital as well as Analog Electronics. It also has Lab View software for simulation study of the experiments.
- **Embedded System Lab**: The laboratory is fully Air Conditioned and equipped with Personal Computers having Keil Software and Microcontroller & I/O Kits for studying microprocessor/microcontroller based system design.
## Faculty Profile

### Sukes Maiti, M.Tech
Assistant Professor & Head
Total Experience: 13 years
Experience in CEMK: 11 years
sukesh@cemk.ac.in

### Saibal Pradhan, Ph.D
Professor
Total Experience: 27 years
Experience in CEMK: 18 years
sp@cemk.ac.in

### Sabitabrata Dey, Ph.D
Associate Professor & Registrar (Interim)
Total Experience: 20 years
Experience in CEMK: 12 years
sbd@cemk.ac.in

### Debalina Jana, M.Tech
Assistant Professor
Total Experience: 12 years
Experience in CEMK: 11 years
debalina@cemk.ac.in

### Dipankar Saha, M.Tech
Assistant Professor
Total Experience: 10 Years
Experience in CEMK: 10 Years
dipankar@cemk.ac.in

### Soumi Ganguly, M.E.
Assistant Professor
Experience in CEMK: 9 years
soumiganguly2003@cemk.ac.in

### Satyajit Bhunia, M.E.
Assistant Professor
Total Experience: 11 years
Experience in CEMK: 9 years
sjb@cemk.ac.in

### Debottam Das, M.Tech
Assistant Professor
Total Experience: 8 years
Experience in CEMK: 7 years
debotmadas@cemk.ac.in
Department of Basic Science

About the Department
From the very inception of the institute, Department of Basic Science has played a vital role in building the foundation of the students and inculcating a sense of ownership among them towards the institution. All along it is considered at par with other core engineering departments in the college. It has successfully carried out many research works including DST sponsored research activities.

Vision
Pursuing Excellence in Teaching-Learning to Produce High Quality Engineering Professionals.

Mission
- Imparting knowledge of Basic Science for its effective applications in the Engineering Disciplines.
- Inculcating humanitarian values and concern for environment among the students.
- Scope of project works; Nanotechnology, Green Technology, Pattern recognition, Statistical computation.

FACULTY PROFILE

Dr. Sharmistha Bose
Asst. Professor and Head of Basic Science
B.Tech, M.Tech (CU); PhD (IIT, KGP)
Current Research: Development and application of Nanocomposite in different fields.
Invited faculty of Chemical technology Department of Razabazar Science College Life Member and Ex-regional joint secretary of Indian Institute of Chemical Engineering
Teaching Experience: 20 years
sharmi08bose@gmail.com

Dr. Asish Mitra
Associate Professor, MSc, PhD (JU)
Specialization: Nanofluid & Computational Heat Transfer
Teaching Experience: 16 years
mitra_asish@yahoo.com

Dr. Sukanta Samanta
Asst. Professor, M.Sc, Ph.D
Specialization: Applied Mathematics (Plasma Physics)
Teaching Experience: 11 years
sukanta.samanta@cemk.ac.in
Sri Arko Banerjee
Asst. Professor, M.Sc (IIT KGP)
*Specialization:* Applied Mathematics
*Teaching Experience:* 8 years
arlo@cemk.ac.in

Dr. Anirban Das
Asst. Professor, M.Sc, M.Tech., Ph.D
*Specialization:* Solid State physics, Material Engineering
*Teaching Experience:* 10 years
anirban.mintu@gmail.com, anirban_das@cemk.ac.in

Dr. Amit Kumar Jana
Asst. Professor, M.Sc (B.H.U), PhD (IIT KGP)
*Specialization:* Synthetic Organic Chemistry
*Current research:* A convergent synthetic approach towards α, â, á and ä carbolines
Principal Investigator of SERB Project, DST
*Teaching Experience:* 7 years
ajana1980@gmail.com

Sri Indrajit Ghosh
Asst. Professor, B.Sc, M.SC, PhD (Persuing)
*Specialization:* Radio Physics and Electronics, Dynamic Meteorology
*Teaching Experience:* 7 years
indraghosh06@gmail.com

Sri Suman Achar
Asst. Professor
*Specialization:* Algebraic Module Theory
*Teaching Experience:* 2 years
sumanpappuachar@gmail.com
Department of Computer Science & Engineering
(NBA Accredited Course)

The Department of Computer Science and Engineering was started in the year 1998 with an intake of 40. The intake was further increased to 60 in the year 1999. In keeping with the needs of technological advancement, the Department further increased its intake to 120 in the year 2018. The objective of the department is to provide knowledge of modern computing systems as well as sound theoretical background to meet evolving needs of students so as to bridge the gap between the academia and the corporate sector. Also the department aims at cultivating qualities like leadership, teamwork, self confidence, good communication skills among its students.

Mission
To produce globally competent, quality computer professionals and to inculcate the moral values with the aim of development of our nation.

Program Educational Objectives
- Provide strong foundation in engineering fundamentals to formulate, analyze and solve problems related to computer hardware and software with concept, design principles, techniques and modern tools in an efficient and secured manner.
- Provide adequate training opportunities on emerging cutting edge technologies and soft skills to work as a team on global projects with leadership quality.
- Promoting students to be entrepreneurs having sound social values and ethics with the aim of developing our society.

Major Laboratories of CSE
- **Computer Organization and Advanced Architecture Lab:** The laboratory is fully Air Conditioned with individual personal computer supported by Trainer kits, external power supply, IC chips and bread board for designing different arithmetic and logic circuit and memory with the help of RAM chips. Xilinx simulator, Zed Board FPGA Kit and Spartan 3E starter FPGA Kit are used to design different arithmetic circuits and interfacing of CPU and Memory.
- **Data Structure and Algorithm Lab:** This is fully Air Conditioned with individual personal computer (40 PCs) supported by Web camera and 2 Mbps internet connection. All computers are connected by high speed (Gbps) Ethernet with optical fiber backbone. All programmed are performed in GNU Linux environment.
- **Data Base Management System Lab:** The laboratory is fully Air Conditioned and equipped with individual personal computer supported by client SQLPlus, MySQL and clients are connected with the dedicated servers (Oracle and MySQL) in Linux environment. SDK and JDK software are also installed for object oriented programming.
- **Networking and Operating System Lab:** It is fully Air Conditioned and equipped with individual personal computer. The laboratory is established for experimentation of various network protocols using open source software’s. All systems are equipped with 2 Mbps internet connection. The lab is connected to the campus network through a router. Development environments like MS Visual Studio, MS Visual Studio .NET, Visual Prolog, MS Office developer, and etc are actively used for development of students. The laboratory is established also for conducting experiments related with software engineering, other core courses of the department and some important interdisciplinary courses.
- **Computing Lab:** The laboratory is fully Air Conditioned with individual personal computer. All work stations are Linux based. All systems are equipped with 2 Mbps internet connection. All programmed are performed in GNU Linux environment.
Faculty Profile

Dr. Dilip Kumar Gayen
Associate Professor & HOD
B Tech (CU), M Tech. (CU), Ph. D (CU)
Total Experience: 15 years
Experience in CEMK: 14 years
dilpgayen@cemk.ac.in

Dr. Jaydev Mishra
Assistant Professor
M.Tech (CSE), Ph D (CSE)
Total Experience: 18 years
Experience in CEMK: 18 years
jsm03@cemk.ac.in

Mr. Pallab Mandal
Assistant Professor, M Tech (CSE)
Total Teaching Experience: 17.5 years
Experience in CEMK: 17.5 years
pallab@cemk.ac.in

Mr. Chinmay Maiti
Assistant Professor
M. E. (Bengal Engineering College (D.U.))
Total Teaching Experience: 16 years
Experience in CEMK: 12 years
chinmay@cemk.ac.in

Dr. Suman Bhowmik
Assistant Professor
Ph. D. (IIEST, Shibpur)
Total Teaching Experience: 17 years
Experience in CEMK: 13 years
suman@cemk.ac.in

Mr. Alok Ranjan Pal
Assistant Professor, M.Tech
Total Teaching Experience: 17 years
Experience in CEMK: 12
alokranjanpal@cemk.ac.in

Mrs. Lipika Datta
Assistant Professor
B. E. (NIT Durgapur), M. E. (CSE)
Total Experience: 14 Years
Experience in CEMK: 13 Years
lipika.datta@cemk.ac.in

Mr. Sushovan Das
Assistant Professor, M.Tech (CSE)
Total Experience: 12 years
Experience in CEMK: 11 years
sushovan@cemk.ac.in

Mr. Soumitra De
Assistant Professor
M.TECH. (W.B.U.T)
Total Teaching Experience: 13 years
Experience in CEMK: 11 years
soumitra@cemk.ac.in

Mr. Kaushik Sinha
Assistant Professor,
M Tech. (IIEST, Shibpur)
Total Experience: 15 years
Experience in CEMK: 12 years
kaushik-sinha@cemk.ac.in
Electronics and Communication Engineering Department

The Department of Electronics & Communication Engineering at CEMK has a top-level quality assessment rating for teaching, and reputation for research. It was established in the year 2003 with the avowed intent of raising highly qualified Engineers and Researchers who can make substantial contribution to the field of Electronics and Communication Engineering. The department is guided by a team of devoted and diligent faculty & staff members. The department has well equipped laboratories such as Basic Electronics, Analog & Digital Electronics, Solid State Device, Analog, Digital, Optical & Advance Communication, Microwave & RF Communication System, VLSI Design, Signal System & DSP, Electronics Design etc. The Electronics and Communication department conducts regular Co-curricular activities like Workshop, Seminars, Invited talks by renowned personalities from industries & academic institutes.

ERICSSON Career Connect Program
(10-12th march, 2018)

Workshop on 23rd June - 27th June, 2015
on Signal Processing, Image Processing & Communication System

Major Laboratories
ANALOG & DIGITAL COMMUNICATION LAB • ANALOG ELECTRONICS LAB • BASIC ELECTRONICS ENGG. LAB • ECE DESIGN LAB • ECE PROJECT & RESEARCH LAB • RF & MICROWAVE LAB • SSD LAB • VLSI, DSP & SS LAB
Faculty Profile

Dr. Seba Maity  
Assistant Professor & HOD  
M. E. (IISET), Ph. D (IISET)  
sebamaity@cemk.ac.in

Dr. Nirmalendu Bikas Sinha  
Associate Professor  
M.Tech (CU), Ph D (IIEST)  
nbsinha@cemk.ac.in

Mr. Biswajit Dutta  
Assistant Professor  
M Tech [CU]  
bda@cemk.ac.in

Dr. Hirak Kumar Maity  
Assistant Professor,  
M Tech. (J.U) Ph D (IIEST)  
hmaity@cemk.ac.in

Mr. Dipan Kumar Dey  
Assistant Professor  
M.Tech (ECE)  
dipandey@cemk.ac.in

Mrs. Anannya Sarkar  
Assistant Professor  
M Tech. (J.U)  
ana-cooh@cemk.ac.in

Mr. Samiran Pramanik  
Assistant Professor,  
M.TECH. (ECE)  
spk@cemk.ac.in

Mrs. Paramita Mukherjee  
Assistant Professor, M.TECH.  
(ECE)  
paramitamukherjee@cemk.ac.in

Mr. Sourav Chakraborty  
Assistant Professor,  
M Tech. (IIEST, Shibpur)  
souravcemk2008@cemk.ac.in
Teaching in this branch of Engineering is privileged, specially, as this institute is attached with Kolaghat Thermal Power Station. Regular visit to the Power Plant and executing live project in collaboration with the Power Plant are special features for this discipline. Electrical Engineering remains a core engineering subject with its new curriculum to cater to the needs of all modern industries, and is a stepping stone for higher education in different specializations of engineering.

Vision
To produce highly skilled, values-driven and best quality Electrical Engineers by pursuing excellence in teaching-learning process

Mission
• To enhance the competitiveness of our Electrical Engineers in the current field by maintaining excellent academic environment that promotes continuous up gradation in learning and research through constructive interaction between students, faculty, staff, industry and community.
• To continuously up grade and broaden the knowledge base of our students by encouraging innovative ideas, problem solving skills, utilizing the available resources to the best and understanding their ethical responsibilities.

Placement Status
Laboratories

**Basic Electrical Lab**
For imparting basic knowledge of Electrical Engineering where students get exposure to the realization of theorems and dc machines

**Measurement Lab**
For realization of different equipment and meters for measuring various Electrical parameters

**Machine Lab**
For realization of various Electrical machines and associated equipments

**Power Electronics Lab**
For realization of Electronics components used in Electrical system.

**CS Lab**
For implementation of various methods of control system in Electrical Circuits.

**CTN Lab**
For understanding impact of implementation of various parameters in Electrical Circuits
Faculty Profile

S Gupta
HOD & AP
Experience: 20 yrs
M.Tech. IIT KGP
Specialization: Inst.
5 International Publication

N N Jana, Professor
Experience: 30 yrs
Ph.D., J.U.
Specialization: Inst.
3 International and 6 National Publication

S P Ghosh, AP
Experience: 16 yrs, ME, JU
Specialization: H. V.
1 International and 7 Books Publication

DP Chakrabarty, AP
Experience: 14 yrs
ME, JU
Specialization: Power Engg.
3 International publication

T S Daphadar, AP
Experience: 8 yrs
M.E., IIEST
Specialization: Power system
5 intr publication

D Mukherjee, AP
Experience: 16 yrs
M.E., JIS
Specialization: Elect. Dev & P.S.

S Mondal, AP
Experience: 10 yrs
M.E., J.U.
Specialization: Power Engg.

S Jana, AP
Experience: 9 yrs
M.E., IIEST
Specialization: Control System
1 International Publication

P Mishra, AP
Experience: 13 yrs
M.E., J.U.
Specialization: High Voltage Engg.
1 International publication

A Karmakar, AP
Experience: 4 yrs
M.E., JGEC
Specialization: Power Electr. & drives
4 International Publication
Department of Humanities

About the Department

Since its very inception of the college, the humanities based subjects have had a vital role to play when it was under the broad umbrella of Basic Sciences and Humanities Department. Having proved its mettle over the years, due recognition was given to it with the formation of a separate Department of Humanities from the 1st of January, 2018 onwards.

The department boasts of a State-of-art Language Laboratory which is the pride of CEMK. Apart from IIT KGP, CEMK was the first college to set up such a laboratory. The syllabus for the MAKAUT prescribed language laboratory papers were framed by the present HOD of the dept. Through innovative audio-visual and communicative based methods English Language is taught to the students of CEMK from B.Tech 1st year to 4th year.

Subjects taught by the Department

The courses presently taught by the English faculty of the department include English Language and Technical Communication, English Grammar and Vocabulary, the language skills, Group Discussion, Personal Interview, Power Point Presentation, Seminar etc.

Other courses currently taught include Economics for Engineers, Principles of Management, Production and Operations Management, Organizational Behaviour, Values and Ethics in Profession etc.

Dr. Nira Konar
HOD & Associate Professor of English
nirakonar@cemk.ac.in
Eng Hons (Lady Brabourne college), M.A. (through Presidency), UGC-NET-JRF-SRF, Ph.D (C.U.), PGCTE (EFLU).
Subject Expert of Communicative English, Board of Studies, St. Xavier’s College, Kolkata.
Core Committee member of Academic Forum, American TESOL chapter in India
Spec: ELT, Modern British Fiction.
Teaching experience: Total- 21 years, In CEMK- 19 years

Ayushman Banerjee
Assistant Professor of English
ayushman@cemk.ac.in
Eng Hons (CU), M.A (Presidency), UGC-NET.
Spec: ELT, Victorian Fiction, Ecocriticism.
Teaching experience: Total- 7 years, In CEMK- 6 years

Partha Pratim Mitra
Assistant Professor of Economics & Management
ppm@cemk.ac.in
B.Com Hons. & M.Com (CU)
Teaching experience: Total- 9 years, In CEMK- 9 years
Achievements of the Department

Workshop 2013
The department successfully organized an English Language Teaching (ELT) workshop on 25th of August, 2013 on “Facing the Challenges of English Language Teaching in Engineering Colleges”.

Innovative Teaching through World Bank & TEQIP-II funded ELT Project
Dr. Nira Konar, as Principal Investigator and Ayushman Banerjee, as Co-Project Investigator, undertook a World Bank funded English Language Teaching (ELT) Project. This research project tried to investigate how classroom teaching can be made more interesting and effective by encouraging the ‘Multiple Intelligences’ of the learners and also by involving them into Collaborative Learning. The research continued for 21 months (between July 2013 and March 2015) through various field work, data collection, innovative teaching and the project report was submitted to the college where it was found that such methodological variations in the teaching-learning process may prove extremely beneficial for New-Age classrooms and Globalized workplace atmosphere.

Workshop 2016
As a follow-up to the ELT Project the department organized a workshop on 1st of July, 2016 on “Using Multiple Intelligences (MI) and Collaborative Learning (CL) in our Classrooms”. A Book and DVD consisting of the research findings and audio-visual snippets of the ELT project was launched in the workshop through which the Project Investigators tried to reach out to the CEMK family, as well as to the Academia with their ideas on innovative teaching. ELT experts from round the globe also exchanged their ideas on how MI and CL can be extended to the technical and Basic Science classrooms, as well to make learning a more creative and enjoyable process.
Department of Information Technology

The Department of Information Technology was started in the year 2001 with an intake of 40. The intake was further increased to 60 in the year 2003. The department aims to produce well-rounded IT Professionals that are capable of analyzing organizational situations, design, formulate and evaluate, and develop technological solutions. Focusing on technological solutions for business and government organizations, and educational institutions, the IT Department offers programs which interfaces with different fields like business, management, governance and education with Information Technology.

**Highlights**

- Well qualified and experienced faculty.
- Equipped with more than 200 high-end PCs connected to Internet.
- Each student is ensured with single computer allocation during practical.
- 24 hours Intranet Service
- Each student is well mentored throughout the year.

**MAJOR LABORATORIES OF INFORMATION TECHNOLOGY**

**Multimedia and Graphics Lab:**

Graphics and Multimedia Lab has been started with the objective of promoting research and development, and teaching in frontier areas of Multimedia and Graphics Technologies. The laboratory currently hosts Multimedia laboratory, Computer Graphics Laboratory, Internet Technologies Lab.

**Data Communication and Internet Working Lab:**

It is fully Air Conditioned and equipped with individual personal computer. The laboratory is established for experimentation of various network protocols and simulation using open source Environment. The laboratory is established also for conducting some other relevant courses of the department and some important interdisciplinary courses.

**Informatics Lab:**

The laboratory is fully Air Conditioned with individual personal computer. All work stations are Linux based. All systems are equipped with internet connection. All programmed are performed in GNU Linux environment.

**Operation Research and Object Technology Lab:**

The Object technology and Operation Research Laboratory has been started with the objective of promoting research and development, and teaching in frontier areas of Object Technology and Research based Technologies. The laboratory currently hosts Object Technology laboratory, Operation Research Laboratory, and Software Engineering laboratory.

**E-commerce and Web Technology Lab:**

The E-Commerce & Web Technology Laboratory has been started over five years with the objective of promoting research and development, and teaching in frontier areas of Web based Technologies. The laboratory currently hosts E-Commerce laboratory, Software Tools Laboratory and Design laboratory.

**Project Lab:**

The Project Laboratory plays an important role in promoting practical, hands-on education and to motivate students for research activities. As a part of UG curriculum, B Tech project runs in two consequent semesters of final year. To improve the quality of projects, the department has established a “Project Lab” for developing final year projects and getting a good practical exposure.
Faculty Profile

Dr. Tapas Kumar Maiti
Head of the Department, IT
ME (CSE, JU), PhD (IIT KGP)
Teaching Experience: 20 years
Research Area: Low Power Testing, Fault Modeling and Simulation, Cellular Automata

Prof. Suranjan Ghose
Professor, IT
ME (CSE, JU), PhD (JU)
Teaching Experience: 35 Years
Research Area: Parallel & Distributed Architecture / Processing, Mobile & Adhoc Networks, Computational Intelligence

Prof. Arunava Bhattacharyya
Assistant Professor, IT
BE (JU), ME (JU)
Teaching Experience: 15 Years
Specialization: Multimedia, Optical Communication

Mr. Kalyanasish Shee
Assistant Professor, IT
BE (CSE, BU), M Tech (IT, IIT KGP)
Teaching Experience: 12 Years
Industry Experience: 2 Years
Specialization: Information & Communication Technology

Prof. Apurba Roy
Assistant Professor, IT
BE (REC, Durgapur), M.Tech (BESU)
Teaching Experience: 15 Years
Specialization: Operating System, Computer Network, Medical Image Processing

Prof. Arunabha De
Assistant Professor, IT
B.Tech (MCKV), M.Tech (WBU)
Teaching Experience: 12 Years
Specialization: IT Security

Prof. Rinku Khatua
Assistant Professor, IT
B.Tech (WBU), M.Tech (BESU)
Teaching Experience: 12 Years
Specialization: Image Processing, Analysis of Algorithm

Mrs. Taniya Purkait
Assistant Professor, IT
B.Tech (IT, WBUT), M.Tech (IT, JU)
Teaching Experience: 12 Years
Specialization: Information Technology

Mrs. Sangita Saha
Assistant Professor, IT
B.Tech (WBU), M.Tech (JU)
Teaching Experience: 11 Years
Specialization: Image Processing, Analysis of Algorithm

Prof. Mrityunjoy Midya
Assistant Professor, IT
B.Tech & M.Tech in IT (UCST, CU)
Teaching Experience: 15 Years
Specialization: Distributed Database, Analysis of Algorithm

Mrs. Nazma Banu
Assistant Professor, IT
B.Tech (WBU), M.Tech (CU),
Teaching Experience: 9 Years
Specialization: Quantum Information Processing
Department of Mechanical Engineering

Estd: 2010 | NBA Accredited

About the Department

The degree course in Mechanical Engineering was started in 2010. The Department is fully equipped to meet the requirements of B Tech course as per curriculum of Maulana Abul Kalam Azad University of Technology, West Bengal. It has qualified and experienced faculty and staff of the many engineering disciplines. Mechanical Engineering is an interdisciplinary, challenging, rewarding, and highly respected profession. Its principles are involved in the design, study, development and construction of nearly all of the physical devices and systems. Mechanical engineers are employed in an enormous range of technical areas including: acoustics, air-conditioning, automatic controls, computer-aided design, energy management, fluid dynamics, tribology, robotics, biomechanics and turbo machinery etc.

This Department was NBA accredited from July 2016 - June 2018 and now it is under renewal process. The Department has received one MODROBS project of AICTE, 5 students project of IEL. The Department has organized 3 international conferences, 4 International workshops, 2 national workshops, other Faculty development programs, invited talks and many students programs.

Mission

To impart quality education to the students and enhance their knowledge, skills and attitude to make them technically competent Mechanical engineers.

To enhance employability of students in industry, educational and research organizations in India as well as abroad by the method of continuous evaluation and improvement.

Placement Record

- 2010-14 Batch: 50%
- 2011-15 Batch: 67%
- 2012-16 Batch: 90%
- 2013-17 Batch: 58%
- 2014-18 Batch: 90%

Faculties

- Dr. Dipak Kumar Mandal, PhD
  Assistant Professor & H.O.D
  Joined the institute: 05/11/2004
  Specialization: Heat Power Engg
  Publications in Journal: 30

- Mr. Dilip Kumar Sonar, ME
  Assistant Professor
  Joined the institute: 07/04/2004
  Specialization: Machine Design
  Publications in Journal: 3

- Mr. Sudip Bandyopadhyay, ME
  Assistant Professor
  Joined the institute: 01/08/2008
  Specialization: Heat Power Engg
  Publications in Journal: 3

- Mr. Tarun Kanti Pal, ME, PhD (pursuing)
  Assistant Professor
  Joined the institute: 07/08/2008
  Specialization: Mechanics of Fluids and Fluid Power Control
  Publications in Journal: 4

- Mr. Koushik Mondal, M Tech
  Assistant Professor
  Joined the institute: 07/08/2008
  Specialization: Materials Engineering

- Ms. Tanushree Jana, ME
  Assistant Professor
  Joined the institute: 09/07/2012
  Specialization: Manufacturing Technology

- Mr. Akhilesh Singh, M Tech
  Assistant Professor
  Joined the institute: 10/08/2012
  Specialization: Manufacturing Technology

- Mr. Deb Kumar Adak, ME, PhD (pursuing)
  Assistant Professor
  Joined the institute: 12/3/2013
  Specialization: Production Engineering
  Publications in Journal: 3

- Mr. Aditya Kumar Singh, ME, PhD (pursuing)
  Assistant Professor
  Joined the institute: 03/07/2013
  Specialization: Heat Power Engg

- Mr. Goutam Biswas, ME
  Contractual Assistant Professor
  Joined the institute: 16/01/2018
  Specialization: Manufacturing Technology
List of Few Students in Reputed Industry/Institutes

- **Sayak Chakraborty** | Pursuing MS, TEXAS &AM University, USA, 2010-14 batch  
- **Abhishek Pal** | Pursuing MS, TEXAS &AM University, USA, 2010-14 batch  
- **Abhilash Nandi** | Tractor India, 2010-14 batch  
- **Somnath Santra** | Pursuing PhD, IIT KGP, 2010-14 batch  
- **Kaustav Bagchi** | Microsoft India (R&D), 2010-14 batch  
- **Chiranjit Roy** | Pursuing PhD, IIT Madras, 2010-14 batch  
- **Biswajit Roy** | Sr. Engineer - Business Development, Engineering Pvt. 2011-15 batch  
- **Sudeep Paul** | Pursuing PhD NIT Durgapur, 2011-2015 batch.  
- **Samrat Singha** | Om Surgeries, Bombay, Mechanical design engineer, 2011-15 batch  
- **Debankan Mukherjee** | Pursuing MS, Hochscule Hof, Germany, 2011-15 batch  
- **Soumen Nayek** | Pursuing M Tech, IIT Dhanbad, 2011-15 batch  
- **Saikat Chakraborty** | Maruti Suzuki India Ltd, R&D Rohtak, 2011-15 batch  
- **Sudh METHOD Mani** | Mather & Platt, 2011-15 batch

**Departmental Activities**
Administrative Staff

<table>
<thead>
<tr>
<th>Name</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prof. (Dr.) Amitava Sen</td>
<td>Director</td>
</tr>
<tr>
<td>Prof. (Dr.) Sabitabrata Dey</td>
<td>Registrar</td>
</tr>
<tr>
<td>Mr. Prabhash Chandra Ghosh</td>
<td>Training &amp; Placement Officer</td>
</tr>
<tr>
<td>Mr. Jaydeb Biswas</td>
<td>Deputy Registrar (F&amp;A)</td>
</tr>
<tr>
<td>Mr. Bibhas Kumar De</td>
<td>Asst. Registrar (Acad.)</td>
</tr>
<tr>
<td>Mr. Gopal Krishna Adhikary</td>
<td>Asst. Registrar (Admin.)</td>
</tr>
<tr>
<td>Mr. Nani Gopal Basu</td>
<td>Civil Engineer</td>
</tr>
</tbody>
</table>

Other Functionaries

<table>
<thead>
<tr>
<th>Name</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mr. Debasis Sen</td>
<td>O.S. (Academic)</td>
</tr>
<tr>
<td>Mr. Prasanta Kumar De</td>
<td>O.S. (Administration)</td>
</tr>
<tr>
<td>Ms. Swagata Mukhopdhayay</td>
<td>Office Secy. cum P.A. (Sr. Scale)</td>
</tr>
<tr>
<td>Mr. Pradip Kumar Mallik</td>
<td>Office Secy. cum P.A. (Sr. Scale)</td>
</tr>
<tr>
<td>Mr. Manas Kumar Basu</td>
<td>Office Secy. cum P.A.</td>
</tr>
<tr>
<td>Mr. Mousam Mondal</td>
<td>Jr. Engineer-Electrical</td>
</tr>
<tr>
<td>Mr. Tarun Sana</td>
<td>Accounts Assistant</td>
</tr>
<tr>
<td>Mr. Purna Chandra Pramanick</td>
<td>PIC – Sports</td>
</tr>
<tr>
<td>Mr. Naba Kumar Das</td>
<td>Telephone Mechanic</td>
</tr>
<tr>
<td>Ms. Pratima Mondal</td>
<td>Matron- Girls’ Hostel</td>
</tr>
<tr>
<td>Ms. Malabika Adhikari</td>
<td>Matron-Girls’ Hostel</td>
</tr>
</tbody>
</table>

Training & Placement Cell

The objective of Training & Placement Cell is to enhance the employability of the students by organizing suitable training programmes related to Corporate Grooming.

Pre-Placement Session

Best Student Award by TCS
Placement

The Placement Cell organizes on-campus, off-campus and pool-campus interviews for the students with major recruiters. Seventeen batches of graduate Engineers have passed since the year 2002 till 2018. The Placement scenario for 2018 passing out batch are as follows:

**Placement Status for 2014-2018 Batch as on 21-07-2018**

<table>
<thead>
<tr>
<th>Name of the Programme</th>
<th>Total Students</th>
<th>No. of Students eligible for placement (Atleast 60% marks in Class X &amp; XII, 6.0 in B.Tech)</th>
<th>No. of Students got offer through Campus Recruitment</th>
<th>Placement Percentage</th>
<th>Company wise break-up</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PCS Global-2, Jexton Tech.-2, Tele performance-2, Divsoft-5</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ITSL-4, Arodek-2, Just Dial-5, UN IT Solutions-2, Arobit-1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Barista Software-7, Zabingo Software-1, Primacy Infotech-3</td>
</tr>
<tr>
<td>CSE</td>
<td>65</td>
<td>55</td>
<td>54</td>
<td>98.18</td>
<td>TCS-6, Infosys-3, Regalix-1, Byju’s-1, High-Technext-8</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Global Engg.-1, ITS Engg.-1, Just Dial-6, UN IT Solutions-3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Primacy Infotech-2</td>
</tr>
<tr>
<td>ECE</td>
<td>59</td>
<td>44</td>
<td>32</td>
<td>72.73</td>
<td>TCS-6, Infosys-3, Regalix-1, Byju’s-1, High-Technext-8</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Global Engg.-1, ITS Engg.-1, Just Dial-6, UN IT Solutions-3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Primacy Infotech-2</td>
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<tr>
<td>EIE</td>
<td>16</td>
<td>14</td>
<td>10</td>
<td>71.43</td>
<td>Infosys-2, Jexton Tech.-1, High-Technext-3, Eldyne-1</td>
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<td></td>
<td></td>
<td></td>
<td>Just Dial-1, Webskitters Tech.-1, Primacy Infotech-1</td>
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<tr>
<td>EE</td>
<td>69</td>
<td>49</td>
<td>29</td>
<td>59.18</td>
<td>TCS-10, Genpact-1, Teleperformance-3, High-Technext-9</td>
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<tr>
<td></td>
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<td>Kontakt Consortium-1, Eldyne-1, Just Dial-2, AMBCIE-2</td>
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<tr>
<td>ME</td>
<td>70</td>
<td>50</td>
<td>29</td>
<td>58.00</td>
<td>TCS-4, Byju’s-1, Genpact-2, High-Technext-14, Global Engg.-2</td>
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<tr>
<td></td>
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<td>Dee Power-1, Primacy Infotech-2, Barista Software-3</td>
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<td>IT</td>
<td>20</td>
<td>17</td>
<td>10</td>
<td>58.82</td>
<td>TCS-1, Byju’s-1, Eclipse-2, Jexton Tech.-2</td>
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<td></td>
<td></td>
<td></td>
<td>Teleperformance-1, Just Dial-1, UN IT Solutions-1</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Barista Software-1</td>
</tr>
</tbody>
</table>

**Note:** Selection process for 2018 batch by Cognizant, Rashmi Metaliks and MACMET is going on. Results will be received very shortly.
Placement Status in % (2014-18 Batches)

List of Organisations Recruiting through On-Campus Drive

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Recruiting Organisation</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Johnson Controls</td>
<td>On-Campus</td>
</tr>
<tr>
<td>2</td>
<td>Tata Consultancy Services</td>
<td>On-Campus</td>
</tr>
<tr>
<td>3</td>
<td>Infosys Technologies</td>
<td>On-Campus</td>
</tr>
<tr>
<td>4</td>
<td>Think &amp; Learn (Byju’s)</td>
<td>On-Campus</td>
</tr>
<tr>
<td>5</td>
<td>GENPACT</td>
<td>On-Campus</td>
</tr>
<tr>
<td>6</td>
<td>Directi</td>
<td>On-Campus</td>
</tr>
<tr>
<td>7</td>
<td>Eclipse Technoconsulting</td>
<td>On-Campus</td>
</tr>
<tr>
<td>8</td>
<td>PCS Global</td>
<td>On-Campus</td>
</tr>
<tr>
<td>9</td>
<td>Arodek Technology Consulting</td>
<td>On-Campus</td>
</tr>
<tr>
<td>10</td>
<td>High-Technext Engg. &amp; Telecom</td>
<td>On-Campus</td>
</tr>
<tr>
<td>11</td>
<td>Divsoft Solutions India Pvt. Ltd.</td>
<td>On-Campus</td>
</tr>
<tr>
<td>12</td>
<td>Dee Power Corporation</td>
<td>On-Campus</td>
</tr>
<tr>
<td>13</td>
<td>Just Dial</td>
<td>On-Campus</td>
</tr>
</tbody>
</table>

Training
Besides, training programme is also organized to prepare students for pursuing higher studies. Experts are engaged to impart training in the following major areas:

- Aptitude and Quantitative Skills
- Personality Development
- Corporate Orientation
- GATE Preparation
- Soft skill Developments
- Group Discussions and Interview Techniques
- Domain Knowledge

The above mentioned value added training programmes have influenced our placement scenario significantly.
**Training & Placement Cell also Organizes**
- Industrial Visits
- Workshops and Seminars
- Lecture sessions by industry experts

**Industrial Training**
Training & Placement Cell organizes **100% Industrial Training for pre-final year students** every year. Details of industrial training for pre-final year students (2014-2018) are given below:

<table>
<thead>
<tr>
<th>Name of the Training Institutes</th>
<th>No. of Students Trained</th>
<th>Name of the Training Institutes</th>
<th>No. of Students Trained</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airport Authority of India</td>
<td>02</td>
<td>Haldia Petrochemicals Ltd.</td>
<td>09</td>
</tr>
<tr>
<td>All India Radio</td>
<td>13</td>
<td>IIT, Kharagpur</td>
<td>03</td>
</tr>
<tr>
<td>Ardent</td>
<td>12</td>
<td>MTA</td>
<td>03</td>
</tr>
<tr>
<td>Bhabha Atomic Research Centre</td>
<td>02</td>
<td>National Small Industries Corporation</td>
<td>17</td>
</tr>
<tr>
<td>BOSCH Ltd.</td>
<td>29</td>
<td>NTPC</td>
<td>03</td>
</tr>
<tr>
<td>BSNL</td>
<td>02</td>
<td>ONGC</td>
<td>01</td>
</tr>
<tr>
<td>BSNL, Darbhanga</td>
<td>01</td>
<td>Ordnance Factory, Dum Dum</td>
<td>01</td>
</tr>
<tr>
<td>BSNL, Kharagpur</td>
<td>06</td>
<td>Rail Tel Corp.</td>
<td>01</td>
</tr>
<tr>
<td>BSNL, Patna</td>
<td>03</td>
<td>S.E. Railway, Kharagpur</td>
<td>02</td>
</tr>
<tr>
<td>BSNL, Salt Lake</td>
<td>17</td>
<td>Tata Chemicals</td>
<td>05</td>
</tr>
<tr>
<td>CESC</td>
<td>04</td>
<td>The Ramco Cements Ltd.</td>
<td>06</td>
</tr>
<tr>
<td>CMC</td>
<td>02</td>
<td>WBPDCl</td>
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<tr>
<td>CMERI</td>
<td>01</td>
<td>WBSEDCL</td>
<td>15</td>
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<tr>
<td>Computer Society of India</td>
<td>05</td>
<td>WBSETCL</td>
<td>04</td>
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<tr>
<td>Doordarshan, Patna</td>
<td>01</td>
<td>Webtek Lab</td>
<td>53</td>
</tr>
<tr>
<td>Durgapur Projects Ltd.</td>
<td>12</td>
<td>Hewlett Packard</td>
<td>09</td>
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<tr>
<td>Durgapur Steel Plant</td>
<td>10</td>
<td>Hindalco Industries Ltd.</td>
<td>01</td>
</tr>
<tr>
<td>Eastern Railway</td>
<td>01</td>
<td>IC Design, Jadavpur University</td>
<td>12</td>
</tr>
<tr>
<td>Globsyn</td>
<td>11</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Total</strong></td>
<td><strong>299</strong></td>
</tr>
</tbody>
</table>

**Salient Features & other Achievements**
- Highly Qualified and Experienced Permanent Faculty Members
- Open Access Library
- Subscriber: e-journals
- Book-bank Facility
- Well equipped Language Laboratory for Developing Soft Skill
- Organised Guidance Cell to help the Students for Campus Interview and Different Competitive Examinations
- Highly developed Laboratories
- Access to Library and Laboratory beyond College hours
- Separate Girls’ Hostel with Modern Amenities
- Separate Boys’ Hostels for all the different years with Modern Amenities
- Play Ground (Football, Cricket, Basket, Badminton etc.) & Gymnasium
- Good connectivity by Road & Rail
- Open Air Auditorium

www.cemkolaghat.org
• Internet access for each Hosteller
• Ragging Free Campus
• Residential Quarters for Teachers & Staff
• Medical Facilities provided by WBPDCL
• ATM & Courier Facility within College Campus
• Several Big Seminar Halls

Admission for Academic year 2018 - 2019

Eligibility and Academic Qualification (As per WBJEE -2018 Information Bulletin)
• Applicant must be a Citizen of India.
• The lower age limit is 17 years as on 31.12.2018. There is no upper age limit.
• Candidate must have passed Qualifying Examination i.e. H.S. (10+2) examination with Physics and Mathematics, along with any one of Chemistry/Biotechnology/Biology/Computer Science/Computer Application as compulsory subject with individual pass marks (in both theory and practical whenever applicable) in all the three subjects as stated above in regular class mode.
• Must have obtained at least 45% marks (40% in case of candidates belonging to reserve category e.g. SC, ST, OBC-A, OBC-B, PwD) in the above three subjects taken together.
• Must have passed English in the H.S. (10+2) Examination with at least 30% marks.
• The Board of the said Qualifying Examination must be recognized by the Central Government or State Government concerned.

Admission through on-line counselling
Candidates, who have qualified in the JEE (Main)-2018 / WBJEE-2018 IIT-JEE (Main) examinations and have been allotted seat in this college by the West Bengal Joint Entrance Examinations Board through on-line counselling, will have to report to the College office at Kolaghat for admission within the stipulated time as per WBJEE guidelines.

Direct Admission through Decentralised Counseling
Interested candidates having the above requisite qualification may visit the college Office at Kolaghat on any working day from 09:00 AM to 05:00 PM for Booking of Seat with the following documents on first-come first serve basis:
• Madhyamik (class 10th ) Admit Card & Mark sheet one copy each (Xerox copy).
• Higher Secondary (10+2) Admit Card & Mark Sheet one copy each (Xerox copy).
• Admit & Rank Card of JEE (Main)-2018 / WBJEE-2018 one copy (Xerox copy).
• No Capitation Fee, No Extra Money will be charged from the admission through Decentralized Counseling.
# Fees and Annual Charges to be Paid (Provisional)

## Annual Charges for Hosteler Students (Provisional)*

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition Fee</td>
<td>₹ 40000/- per semester</td>
</tr>
<tr>
<td>Hostel Room Rent</td>
<td>₹ 3000/- per semester (for multi seater room)</td>
</tr>
<tr>
<td>Hostel Meal Charge</td>
<td>₹ 12000/- per semester (subject to change)</td>
</tr>
<tr>
<td>Students activity Fee</td>
<td>₹ 1000/- per annum</td>
</tr>
<tr>
<td>University Examination Fee</td>
<td>₹ 2400/- (for 1st &amp; 2nd Semester)</td>
</tr>
</tbody>
</table>

## One time Fees at the time of Admission for Hosteler Students

- Admission Fee
- Student’s Identity Card
- Caution Money
- Caution Money for Hosteler
- Library Fee
- University Registration Fee
- Hostel Establishment Charges
- Communication & Soft Skill
- University Development Fee
- Prospectus 2018-2019

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Admission Fee</td>
<td>₹ 5000/-</td>
</tr>
<tr>
<td>Student’s Identity Card</td>
<td>₹ 100/-</td>
</tr>
<tr>
<td>Caution Money</td>
<td>₹ 6000/- (refundable)</td>
</tr>
<tr>
<td>Caution Money for Hosteler</td>
<td>₹ 4000/- (refundable)</td>
</tr>
<tr>
<td>Library Fee</td>
<td>₹ 6000/-</td>
</tr>
<tr>
<td>University Registration Fee</td>
<td>₹ 400/-</td>
</tr>
<tr>
<td>Hostel Establishment Charges</td>
<td>₹ 2000/-</td>
</tr>
<tr>
<td>Communication &amp; Soft Skill</td>
<td>₹ 2500/-</td>
</tr>
<tr>
<td>University Development Fee</td>
<td>₹ 2200/-</td>
</tr>
<tr>
<td>Prospectus 2018-2019</td>
<td>₹ 500/-</td>
</tr>
</tbody>
</table>

## Annual Charges for Non-Hosteler Students (Provisional)*

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition Fee</td>
<td>₹ 40000/- per semester</td>
</tr>
<tr>
<td>Students activity Fee</td>
<td>₹ 1000/- per annum</td>
</tr>
<tr>
<td>University Examination Fee</td>
<td>₹ 2400/- (for 1st &amp; 2nd Semester)</td>
</tr>
</tbody>
</table>

## One time Fees at the time of Admission for Non-Hosteler Students

- Admission Fee
- Student’s Identity Card
- Caution Money
- Library Fee
- University Registration Fee
- Communication & Soft Skill
- University Development Fund
- Prospectus 2018-2019

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Admission Fee</td>
<td>₹ 5000/-</td>
</tr>
<tr>
<td>Student’s Identity Card</td>
<td>₹ 100/-</td>
</tr>
<tr>
<td>Caution Money</td>
<td>₹ 6000/- (refundable)</td>
</tr>
<tr>
<td>Library Fee</td>
<td>₹ 6000/-</td>
</tr>
<tr>
<td>University Registration Fee</td>
<td>₹ 400/-</td>
</tr>
<tr>
<td>Communication &amp; Soft Skill</td>
<td>₹ 2500/-</td>
</tr>
<tr>
<td>University Development Fund</td>
<td>₹ 2200/-</td>
</tr>
<tr>
<td>Prospectus 2018-2019</td>
<td>₹ 500/-</td>
</tr>
</tbody>
</table>

* Existing Fee Structure may be changed as per the Notification of Govt. of West Bengal, Department of Higher Education Science and Technology & Bio-technology, Technical Branch, Bikash Bhavan, Kolkata -700091.

Mode of Payment: Demand Draft from any one Bank of SBI/PNB/UCO/UBI/IDBI/Allahabad in favour of “College of Engineering & Management, Kolaghat” payable at Mecheda. NEFT/RTGS facility may be availed.

@ Existing Fee Structure is as per Govt. norms and it may be changed as per recommendation of Fee Structure Committee appointed by GoWB.

# Existing Hostel Expenses are subject to change as per recommendation of College Authority/Central Mess Management Committee.
At the time of Physical Admission in the college, candidate should bring the balance amount (as a Demand Draft) after deducting the amount which has been paid at the Reporting Centre. For any enquiry regarding payment, kindly call us at 03228-250600.

Mode of Payment: Demand Draft from any one of the Bank SBI/PNB/UCO/UBI/IDBI/ALLAHABAD in favour of “College of Engineering & Management, Kolaghat” payable at Mecheda. NEFT/TRGS facility may be availed by the candidates.

Schedule of payment of Semester Fee: Even Semester (January – June) and Odd Semester (July – December) payable within 10 working days at the beginning of the Semester (to be notified by the college authority).

**Note**: Tuition Fee Waiver (TFW) – The waiver is limited to the Tuition Fee only. All other fees will have to be paid by the beneficiary. Therefore, TFW candidate to pay the same amount as mentioned above except Tuition Fee in the respective category.

All kind of University Fees like Examination Fee (semester-wise), Registration Fee (one time) and Development Fee (one time) to be paid by the candidates as and when required.

We are also welcoming all aspirants for any kind of assistance during e-counseling session.

The following documents will be required during physical admission session:

- Original & two copies of self attested Madhyamik (class 10th ) Admit Card for proof of age
- 06 copies of passport size & 02 copies of stamp size coloured recent photographs
- Original & one set of Xerox copy of WBJEE/JEE (Main)-2018 Admit Card & Rank Card
- Original & two Xerox copies of Provisional Admission Letter issued by Reporting Centre
- Original and two self attested copies of Madhyamik (class 10th) & H.S. (class 10 +2) Mark sheets
- Caste Certificate (if any, original & one attested copy)
- Recent original Medical Fitness Certificate from Registered Medical Practitioner
- Recent Eye Test Certificate
- Report of Blood Group
- Undertaking (on 10 rupees non-judicial stamp) of student and parent/guardian separately duly authenticated by a notary public (download the format from our website www.cemkolaghat.org).

**West Bengal Freeship (WBFS) Scheme**

Financially Weak and Meritorious Students are encouraged by offering WBFS. Details of last two academic years are as under:

<table>
<thead>
<tr>
<th>Academic Year</th>
<th>No. of Students benefited</th>
<th>Total Amount disbursed</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016 – 2017</td>
<td>74</td>
<td>Rs. 28,86,000/-</td>
</tr>
<tr>
<td>2015 – 2016</td>
<td>73</td>
<td>Rs. 28,56,500/-</td>
</tr>
</tbody>
</table>
Approach to the College

The College is situated in the Kolaghat Thermal Power Project Township, at Kolaghat, in Purba Medinipur district of West Bengal. It is well connected with Kolkata by road, and the railway, and is only 59 Km away from Kolkata. **By Rail Route:** To get down at Mecheda Railway Station (Howrah-Kharagpur-Midnapur Section of S.E. Railways) then to take Bus/Minibus/Trekker/Taxi/Toto to the College at KTPP Township (2.5 Km). **By Road:** To get down at the crossing of NH- 6 & NH- 41 (Haldia More). About 8/10 minutes walk along NH- 41 (Road to Haldia).