



Government of West Bengal

Cooch Behar
Government Engineering College
(Estd. 2016)

Prospectus

For the Academic Year 2018-19

MESSAGE FROM THE PRINCIPAL'S DESK

Welcome to Cooch Behar Govt. Engineering College (CGEC). The institute is located in a surrounding of scenic beauty at the bank of Torsha River at Cooch Behar. The college, established in the year 2016, is a new entrant in the wing of Engineering & Technological Colleges of Govt. of West Bengal.

The institute is trying hard to work in line with the objectives of addressing the need of technological standard as per guidelines of the regulating body and industry.

Dedicated and quality faculty members is one of the key strength of our Institute. Cooch Behar Govt. Engineering College (CGEC) is on its way to provide moderate infrastructure and facilities to cater the need of engineering education and inviting all new aspirants to join the venture of development of CGEC.

The students are enthusiastic and passionate in various co-curricular activities like setting up of Technical Club, Cultural Club and various others units. "GEEEX", "ABHIYAAN" "Elocution", "DEDSOC" are few of those and organised a Tech Cum Cultural fest named " ESPERINZA" with a grand success. We have a strong and organised NSS unit.

Ragging in any form is a crime and Cooch Behar Govt. Engineering College is a RAGGING FREE CAMPUS.

I, as the head of the institution, invite all promising engineering aspirants to be a part of our family and to join us in promoting this institution as a Centre of Excellence.

Principal,

Cooch Behar Government Engineering College.

Dr. Prabal Deb, B.E., M.E., PhD (Engg)
Principal

About Cooch Behar Government Engineering College

Established in 2016, Cooch Behar Government Engineering College (CGEC) is an initiative of Govt. of West Bengal and a dream project of Hon'ble Chief Minister, West Bengal towards excellence in technical education in the northern part of West Bengal

The institute has well qualified & experienced team of faculty members dedicated to promote and provide higher education in the State of West Bengal and in the North Bengal region, in particular. The institute has a vision to offer high quality education, opportunities to students to enable them to foresee and meet the technological challenges in future. The college is approved by AICTE (All India Council for Technical Education) and affiliated to Maulana Abul Kalam Azad University of Technology(MAKAUT), West Bengal (Formerly known as West Bengal University of Technology)

The college is situated just on the bank of beautiful Torsha river at its own sprawling campus of 20 acres.



Infrastructure & Facilities

The Institute has state-of-the-art laboratories, experienced faculties, and extensive computer facilities coupled with a high-tech teaching learning tools.

The Institute is equipped with:

- A Central Computer Center with high speed processor based PCs.
- Internet facility.
- The College is endowed with a fully computerized main library with an area of 408 Sq.mtr, which has a collection of nearly 621 titles, 9275 volumes of Books, with modern software for Library Management and Documentation.
- National and international online e-journals.
- Canteen.
- Student's Common Room.



Academic Programs Offered

The College offers Bachelor degrees in five streams.

The intake capacity is listed below:

Branch Name	General Admission through WBJEE in 1 st Semester											Total
	OP	OP PH	OBC-A	OBC-A PH	OBC-B	OBC-B PH	SC	SC-PH	ST	STPH	TFW	
Civil Engineering (CE)	32	1	6	0	4	0	13	0	4	0	3	63
Computer Science & Engineering (CSE)	32	1	6	0	4	1	12	1	3	0	3	63
Electrical Engineering (EE)	32	1	5	1	4	0	13	0	4	0	3	63
Electronics & Communication Engineering (ECE)	32	1	6	0	4	0	13	1	3	0	3	63
Mechanical Engineering (ME)	32	1	6	0	4	0	13	0	4	0	3	63
Total:	160	5	29	1	20	1	64	2	18	0	15	315

In addition to this a minimum of 20% seats of intake are available for Lateral Admission in 3rd Semester.

Department of Computer Science & Engineering

Faculty Profile

Dr. Sourav De, B.E., M.E., PhD (Engg)

Associate Professor & HOD

Dr. Sudip Kumar Adhikari, B.E., M.E., PhD (Engg)

Assistant Professor

Mr. Sukhendu Shekhar Mondal, B.Tech., M.Tech.

Assistant Professor

Mr. Somen Mondal, B.Tech., M.Tech.

Assistant Professor

Mr. Arnab Gain, B.Tech., M.Tech.

Assistant Professor

Mr. Pranab Mallick, B.Tech., M.Tech.

Technical Assistant

Mr. Shahid Ali, PGDCA

Technical Assistant

Message from the HOD

It is a pleasure to be head of the department of Computer Science & Engineering. The department is equipped with all modern tools of teaching like virtual class room, digital board, and projector. The aim of the department is to provide high quality education along with training the students with all the new advancements in the computers field. The department places emphasis on all the important aspects of computers such as Algorithm Design, Advance database systems, Computer Programming, networking, mobile networks, Operational research, Theory of computation , Computer Graphics and many more. The department also takes initiative to improve the soft skills, analytical capabilities and verbal communication of the students so that they can face the competition in the corporate world confidently.

We are confident that our Student will emerge as assets not only to this institution and to the organization they belong, but also to the country at large.

Department of Computer Science & Engineering

All the labs of department are equipped with at least 36 systems each with the ratio of 1:1 for each student. One computer center is also managed by the department providing Internet facility for hosteller students beyond college time and equipped with 100 computer systems of latest configuration. The Internet is totally working on wired/Wi-Fi enabled system with dedicated bandwidth of 34Mbps.



Department of Civil Engineering

Faculty Profile

Dr. Suman Koner, B.E., M.E., PhD (Engg)
Associate Professor & HOD

Dr. Kingsuk Dan, B.E., M.E., PhD (Engg)
Assistant Professor

Mr. Biren Gurung, B.Tech., M.Tech.
Assistant Professor

Mr. Shyamal Ghosh, B.Tech., M.Tech.
Assistant Professor

Md. Asif Sk., B.Tech., M.Tech.
Assistant Professor

Message from the HOD

Welcome you all in the department of Civil Engineering bearing the social responsibility of paramount importance. As Civil Engineering being one of the core and most fundamental engineering branches which is fully dedicated to the teaching-learning philosophy of the Foundation. We take it as our moral and social responsibility to imbibe the state of the art technological information to be forwarded to the students of Civil Engineering. In the modern world of construction we witness every day as a day of new construction method, material and skill due to the continuous developments and technological advancements in the field. Therefore a bridge must be put in place in proper manner to fill the gap between learning and implementation. A highly qualified and experienced group of faculty members in this department are on their toes to accomplish the need of the department and society at large.

I, from the desk of HOD of Civil Engineering take this opportunity to invite the best talent to fulfill our mission and vision at the outset.

Department of Civil Engineering

Labs (developed fully):

1. Strength of material Laboratory
2. Fluid Mechanics Laboratory
3. Survey Practice Laboratory
4. Soil Mechanics Laboratory
5. Concrete Technology Laboratory



Labs (under process of development)

- 1, Environmental Engineering Laboratory
2. Highway and Transportation Engineering Laboratory
3. Geology Laboratory

Department of Mechanical Engineering

Faculty Profile

Dr. Sushovan Chatterjee, B.E., M.E., PhD (Engg)

Associate Professor & HOD

Mr. Dibyendu Das, B.E., M.E.

Assistant Professor

Mr. Gyan T. Lepcha, B.E., M.E.

Assistant Professor

Mr. Prasenjit Das, B.E., M.E.

Assistant Professor

Mr. Provas Barua, DME

Technical Assistant

Message from the HOD

Mechanical engineers develop state-of-the-art technologies and exhilarating solutions for the mankind. We attempt to provide our students with a cheerful, productive and satisfying experience of studies to explore the amazing world of mechanical engineering.

Our objective is not merely to produce professionals capable to serve their own needs but endeavour to serve the society with great concern for human values. Our devoted faculties and staff render their utmost efforts to ensure that all our young students have a strong education with leadership, management and teaming skills, internship experience, and involvement in student activities. We feel proud to be a part of the department where our beloved students for their latest achievements in different co-curricular activities in versatile domain of sports and culture. We entrust that accentuating these areas will make our young students well-qualified to take leadership roles and team spirit in the future.

With this, we welcome you all to Mechanical Engineering at the Department of Mechanical Engineering, Cooch Behar Government Engineering College.

Department of Mechanical Engineering

The Department of Mechanical Engineering has already developed many laboratories like Solid Mechanics laboratory, Strength of Materials Laboratory, Dynamics and Control Laboratory, Refrigeration and Air Conditioning Laboratory, Material Testing Laboratory, Heat Transfer Laboratory, I. C. Engine & Thermal Power Engineering Laboratory, Fluid Mechanics and Hydraulic Machines Laboratory. Setting up of other Labs like Metrology and Measurement Laboratory, Non-Conventional Machining Laboratory and Advance Manufacturing Laboratory will be getting operational very soon.



Department of Electrical Engineering

Faculty Profile

Dr. Prabal Deb, B.E., M.E., PhD (Engg)
Principal & Professor

Sk. Rabiul Hossain, B.Tech., M.Tech
Assistant Professor & HOD

Mr. Atanu Maji, B.Tech., M.E.
Assistant Professor

Mr. Tanumay Halder, B.Tech., M.E.
Assistant Professor

Mr. Saptaparna Basu Roy Chowdhury, B.E., M.Tech.
Assistant Professor

Mr. Sujay Sarkar, DEE.
Technical Assistant

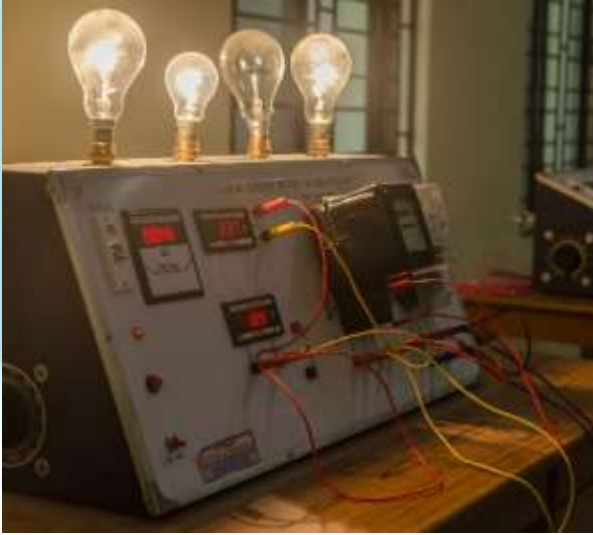
Message from the HOD

Electrical Engineering is one of the elementary branches of study in the field of Engineering and Technology to bear extreme social responsibility and meet up new challenges. The department of Electrical Engineering of Cooch Behar Government Engineering College has not tried to find a get away from this responsibility. The department, with its dormant potential, has a continuous attempt to enhance the pride and international importance of the knowledge in this field to promote and facilitate some break-through research findings. Highly skilled and experienced group of faculty and staff members of our department motivate our students to develop excellent skill and expertise to take up any challenges at their career path at any time by a thoroughly comprehensive teaching-learning mechanism.

I, from the desk of HOD of Electrical Engineering take this opportunity to invite the best talent to fulfill their career goal and at the same time to fulfill our mission and vision.

Department of Electrical Engineering

Laboratory facilities



Department of Electronics & Communication Engineering

Faculty Profile

Dr. Sourish Sanyal, B.E., M.E., MBA, PhD (Engg)
Associate Professor & HOD

Dr. Gautam Das , B.Tech., M.Tech., PhD (Engg)
Professor

Dr. Aritra Acharyya, B.E., M.Tech., PhD (Tech.)
Assistant Professor

Mr. Soumik Sarkar, B.Tech.
Technical Assistant

Mr. Avisek Nandi, DECE
Technical Assistant

Message from the HOD

It is a warm welcome to all of you in the dignified Department of Electronics and Communication Engineering of Cooch Behar Government Engineering College. Though the department as well as the college is comparatively a new entrant in the fraternity of Engineering colleges, still it promises to work in line with the objective of modern technological development, present social challenges and the needs of the Industries, Business Houses and Global Academia as a whole. The department promises with the dormant potential of its outstanding human and material resources to stand out in the crowd of many great contributors of the nation by leveraging excellent teaching-learning mechanism and great research contributions in the field.

I, from the desk of the Head of the Department, take the pride and opportunity to invite the best talent to be a part of our noble venture.

Department of Electronics & Communication Engineering

The ECE department has already developed many laboratories like Basic Electronics Lab, Analog Electronics Lab, Antenna and Transmission Lab, Signals and systems Lab. Setting up of other Labs like microprocessor and microcontroller or VLSI Lab are in process and will be getting operational very soon.



Department of Basic Science & Humanities

Faculty Profile

Dr. Samik Nag, B.Sc (Hons.), M.Sc., PhD (Sc)
Assistant Professor in Chemistry & HOD

Mr. Amit Singha Roy, B.Sc (Hons.), M.Sc.
Assistant Professor in Physics

Mr. Suman Sadhukhan, B.Sc (Hons.), M.Sc.
Assistant Professor in Physics

Mr. Debjyoti Chatterjee, B.Sc (Hons.), M.Sc.
Assistant Professor in Mathematics

Mr. Mohammad Salim, B.Sc (Hons.), M.Sc.
Assistant Professor in Mathematics

Mrs. Madhuchandra Bhaduri, B.A. (Hons.), M.A.
Assistant Professor in Economics

Mr. Arghya Chakraborty, B.A. (Hons.), M.A.
Assistant Professor in English



Message from the HOD

The department of Basic Science and Humanities caters the need for foundation classes for all the core engineering courses. The department is equipped with Laboratories of Chemistry and Physics and also a computerized State-of-the-art Language Lab.



Documents Required at the Time of Admission

Candidates become eligible for admission in Cooch Behar Government engineering College in 1st Year of B.Tech. after counseling by West Bengal Joint Entrance Examination Board (WBJEEB) according to the merit of the candidates and the availability of the seats in Cooch Behar Government Engineering College.

After counseling, candidates willing to take admission in Cooch Behar Government engineering College in 1st Year of B.Tech, are required to submit before the admission desk along with the **duly filled specified admission** form (downloadable from the website):

a) ORIGINAL & SELF ATTESTED PHOTOCOPIES of (2 copies each) (i) Class X Admit Card , (ii) Class X Mark Sheet, (iii) H.S./ Equivalent Mark Sheet/ Diploma mark sheet (for lateral admission) (iv) JEE Admit Card and Rank Card (if applicable) (v) Allotment certificate of WBJEEB (as issued from Reporting Centre) (original and photocopy) and (vii) Caste Certificate/ PH certificate (if any)

b) ORIGINAL CHARACTER CERTIFICATE from the Head of the institution last attended (Keep one attested photocopy with your own custody)

c) IN CASE OF BREAK OF STUDIES, a self declaration certificate is to be submitted by the student and countersigned by the guardian.

d) ORIGINAL ANNUAL INCOME CERTIFICATE OF FATHER/GUARDIAN(optional except for TFW Candidates) : should have been issued by an Officer of the State Government in the Rank of Block Development Officer or Sub-Divisional Officer or Additional District Magistrate or District Magistrate / Group-A Gazetted Officer of State or Central Government of similar Rank or above .

OR

Executive Officer of Municipality/ Assistant Commissioner or above in Municipal Commissionerate.

e) ORIGINAL MIGRATION CERTIFICATE - Students who are studying in any College affiliated to University other than West Bengal University of Technology (WBUT) need to submit Migration Certificate during admission

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Documents Required at the Time of Admission (contd.)

f) 2 (two) COPIES STAMP SIZE COLOUR PHOTOGRAPH (without attestation) with full signature on the back side and soft copy in CD.

g) Domicile Certificate : The Domicile Certificate as applicable should be obtained from any of the following competent authorities (i) District Magistrate, (ii) Additional District Magistrate, (iii) Deputy Magistrate and Deputy Collector, (iv) Sub-Divisional Officer, (v) Block Development Officer, (vi) Superintendent of Police , (vii) Additional Superintendent of Police, (viii) Sub-Divisional Police Officer or Deputy Superintendent of Police, (ix) Commissioner, Additional Commissioner, Joint Commissioner, Deputy Commissioner, Assistant Commissioner of Police Commissionerate , (x) Judicial Magistrate of any rank or position in the concerned district of Metropolitan locality or Judges/Judicial Officers of Hon'ble High Court at Kolkata or Hon'ble Supreme Court of India, (xi) Commissioner, Joint Commissioner, Additional Commissioner, Assistant Commissioner of Municipal Corporation, (xii) Executive Officer of Municipality, (xiii) Assistant Secretary /equivalent or above in the Secretariat to the Government. of West Bengal (including GTA) or Central Government , (xiv) Deputy Director or above in the Directorate to the Govt. of West Bengal or Central Government

h) FITNESS CERTIFICATE for General, Health & Eye to be produced from a Registered Medical Practitioner . The Certificate of Blood Group is to be obtained from a authorized laboratory and submitted during admission.

i) Students need to submit TWO anti-ragging affidavits as per Annexure-I and Annexure-II (downloadable from the website)in a non-judicial stamp paper of Rs. 10/- before an Oath Commissioner

j) Requisite amount of admission fee in **Demand Draft. No other mode of payment will be accepted.**

***For admission in reserved seats for scheduled castes (SC), scheduled tribes (ST), Other Backward Classes (OBC), Physically Handicapped (PH), candidates will be entertained only on submission of a certificate in support of his/ her caste signed by appropriate authority as per rule.**

Note: Admission will be refused if original Certificates/Documents, affidavits and corresponding attested photocopies of certificates/documents are not presented /submitted at the time of admission.

Fee Structure

For General Admission in 1st Semester

		CSE & ECE	CE, ME & EE
01	Admission Fee (one time)	Rs. 1,000/-	Rs. 500/-
02	Tuition Fee per sem. ** (July-2018 to Dec.-2018)	Rs. 6,000/-	Rs. 3,000/-
03	University Development Fee (one time)	Rs. 2,200/-	Rs. 2,200/-
04	University Registration Fee (one time)	Rs. 500/-	Rs. 500/-
05	Caution Money Deposit(refundable) (one time)	Rs. 300/-	Rs. 300/-
06	Identity Card & Library Card# (one time)	Rs. 100/-	Rs. 100/-
07	Medical fee (one time)	Rs. 50/-	Rs. 50/-
08	Athletic Fee (one time)	Rs. 100/-	Rs. 100/-
09	Institute development Fee (one time)	Rs. 50/-	Rs. 50/-
10	Fees Book per book (one time)	Rs. 30/-	Rs. 30/-
11	Library Caution Deposit(refundable) (one time)	Rs. 2000/-	Rs. 2000/-
	<u>TOTAL</u>	<u>Rs. 12,330/-</u>	<u>Rs. 8,830/-</u>

**** Students having admitted in TFW category need not pay Tuition Fee. They have to pay as follows:**

ECE & CSE- Rs. 6330/-

CE, ME and EE- Rs. 5830/-

#For each duplicate card: Rs. 20/-

Fee Structure

For Lateral Admission in 3rd Semester

		CSE & ECE	CE, ME & EE
01	Admission Fee (one time)	Rs. 1,000/-	Rs. 500/-
02	Tuition Fee per sem. ** (July-2018 to Dec.-2018)	Rs. 6,000/-	Rs. 3,000/-
03	University Development Fee (one time)	Rs. 1,650/-	Rs. 1,650/-
04	University Registration Fee (one time)	Rs. 500/-	Rs. 500/-
05	Caution Money Deposit(refundable) (one time)	Rs. 300/-	Rs. 300/-
06	Identity Card & Library Card# (one time)	Rs. 100/-	Rs. 100/-
07	Medical fee (one time)	Rs. 50/-	Rs. 50/-
08	Athletic Fee (one time)	Rs. 100/-	Rs. 100/-
09	Institute development Fee one time)	Rs. 50/-	Rs. 50/-
10	Fees Book per book (one time)	Rs. 30/-	Rs. 30/-
11	Library Caution Deposit(refundable) (one time)	Rs. 2000/-	Rs. 2000/-
	<u>TOTAL</u>	<u>Rs. 11,780/-</u>	<u>Rs. 8,280/-</u>

**** Students having admitted in TFW category need not pay Tuition Fee. They have to pay as follows:**

ECE & CSE- Rs. 5780/-

CE, ME and EE- Rs. 5280/-

#For each duplicate card: Rs. 20/-

Payment of Fees at the time of admission

Payment of fees can be done ONLY by Demand Drafts from a nationalized bank in favour of “Cooch Behar Government Engineering College” payable at Cooch Behar. Demand draft required for admission is as given below:

		CSE & ECE	CE, ME & EE
01	General Admission in 1 st sem without TFW category	Rs. 12,330/-	Rs. 8830/-
02	General Admission in 1 st sem admitted with TFW category	Rs. 6330/-	Rs. 5830/-
03	Lateral Admission in 3 rd sem without TFW category	Rs. 11,780/-	Rs. 8,280/-
04	Lateral Admission in 3 rd sem admitted with TFW category	Rs. 5,780/-	Rs. 5,280/-

Hostel Accommodation

Hostel accommodation is available ONLY for girls.

Girls' HOSTEL CHARGES:

Mess Entry Fee (One time at the time of admission)	Rs. 300/-
Hostel Development Fund (One time at the time of admission)	Rs. 400/-
Hostel Seat Rent (Per semester)	Rs. 1200/-
Electricity charges (Per semester)	Rs. 300/-
Hostel Caution Money (Refundable) (One time at the time of admission)	Rs. 2500/-
Total	Rs 4700/-

HOSTEL (MESS) ADVANCE:

Mess advance of **Rs 10000/-** for each semester will have to be deposited at the commencement of each semester (applicable for the session 2018-19). In hostel only two principal meals will be provided.

Fresh girls-students willing to get hostel accommodation will have to deposit Rs 14700/- only by a separate demand draft from any nationalize bank in favour of "Cooch Behar Government Engineering College" payable at Cooch Behar.

Life @ CGEC



Life @ CGEC



Cooch Behar at a Glance

Cooch Behar was a princely state ruled by the feudal Koch Kings until 20th August, 1949; powers were ceded by the kingdom to the Government of India by the force of an agreement on the above date. Thereafter, Cooch Behar was merged with the state of West Bengal in 19th January, 1950, and was identified as a district.

Cooch Behar is well known for its palaces and royal buildings; prominent among them is the Royal Palace of the Koch Kings called Rajbari. Other royal buildings and palaces are used as Government offices, hospitals and defense quarters. There are numerous fact, myths and stories associated with each of these buildings and palaces that old people love to share with anyone who is interested in its history. Cooch Behar is a well-planned city minus the chaos, noise and pollution found in other cities of India and known as City of beauty (COB).

Places of interest in Cooch Behar and periphery.

- Rajbari Palace
- Madan Mohan Temple
- Banerwar Siva Temple
- Madhupur Dham Temple
- Kamteswari Temple at Dinhat
- Rasik Bill
- Gosanimari Rajpat excavation site
- Ranir Bagan
- Sagar Dighi



Reaching Cooch Behar and CGEC

Address: Vill – Harinchawra
P.O. – Ghughumari
Dist: Cooch Behar
PIN: 736170

Contact details:
Website: www.cgec.org.in
Phone: (03582) 244 041
+91-8617455414
+91-8697089413
+91-8902485964

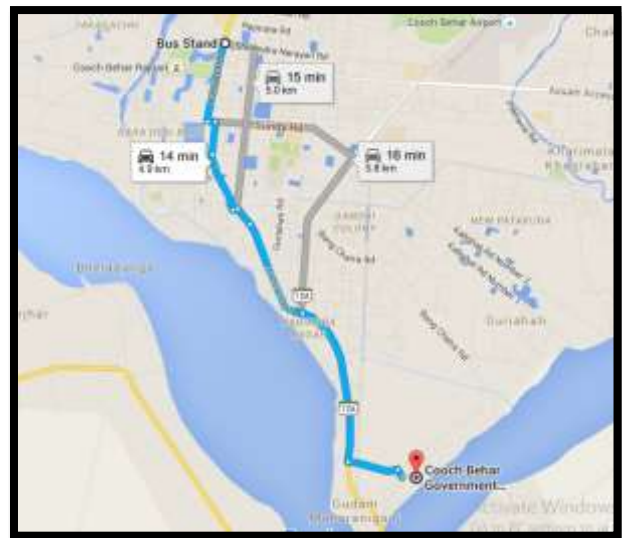
Connectivity:

Cooch Behar is connected to major cities via rail. The nearest rail station is New Cooch Behar Station (NCB). The college is nearly 10 km from NCB and is connected via road.

Alternatively Cooch Behar can also be approached by road. The college campus is nearly 5 km from Cooch Behar bus stand.



NCB to CGEC



Bus stand to CGEC

