



केन्द्रीय प्रौद्योगिकी संस्थान कोकराझार
CENTRAL INSTITUTE OF TECHNOLOGY KOKRAJHAR
(A centrally funded institute under MHRD, Government of India)

Placement **BROCHURE**

The Recruiter's Guide **2019-20**





FROM THE DIRECTOR'S DESK



Message (1)

Welcome to CIT Kokrajhar!

Education leads men to fulfilment of their being and developing inquisitive mind for newness to life. Thus providing facilities to educate people enable them to earn living with dignity and its success is a great social achievement; CIT is such an institute where people join hands together to create an amicable academic ambience.

With the precious contributions lend from time to time by people from various walks of life, teachers, staff, members and students. CIT is steadily progressing to create an academic environment for both the trainers and trainees to cultivate knowledge with a mutual respect and betterment of Society. It aspires to cultivate varied levels of higher education.

We welcome you all well-wishers and request your valued contributions on the ways and means to enrich CIT as an ideal academic institution all we dream about.

-Prof. DEBKUMAR CHAKRABARTI
Officiating Director





Central Institute of Technology (CIT), Kokrajhar is situated in Kokrajhar District of Bodoland Territorial Council (BTC) in Assam. CIT has been established for the basic objective of fulfilling the aspirations of the Bodo People relating to their cultural identity, language, education and overall economic development of the region and to impart Bodo youths with requisite technological and vocational training to produce the required manpower to give the impetus to economic growth of this area and to integrate the Bodo People into the mainstream of Technical and Vocational Education. It is a Centrally Funded Institute under the Ministry of Human Resource Development, Government of India.

The first batch of students was admitted in Diploma Module in 2006. The degree program was started in CIT in 2009. In 2019, CIT has started offering M.Tech/M.Des and PhD programs after receiving Deemed to be University status by MHRD, Govt. of India.





ACADEMIC PROGRAMS

B.Tech

Duration: 4 years

Intake Capacity: 360

B.Des

Duration: 4 years

Intake Capacity: 45

Diploma

Duration: 3 years

Intake Capacity: 180

DEPARTMENTS

Civil Engineering

Computer Science and Engineering

Electronics & Communication Engineering

Food Engineering & Technology

Information Technology

Instrumentation Engineering

Multimedia Communication & Design



Department of // CIVIL ENGINEERING //

Construction Technology is a professional engineering discipline that deals with the design, construction and maintenance of the physical and naturally built environment, including works such as bridges, roads, canals, dams and buildings. Construction Technology is the oldest engineering discipline after military engineering. It is traditionally broken into several sub-disciplines including environmental engineering, geotechnical engineering, structural engineering, transportation engineering, water resources engineering, materials engineering, coastal engineering, surveying, and construction engineering. Construction Technology takes place on all levels: in the public sector from municipal through to federal levels, and in the private sector from individual homeowners through to international companies. Necessity has demanded for Construction Engineers and hence the department of construction Technology was started in this institute from the academic year 2009-2010. The department is at present conducting one diploma course.

B.Tech in CE

Course Duration of B. Tech in CE is 4 (Four) years & the Scheme of Examination is Semesters basis. Intake capacity of B. Tech course is 60

Diploma In CT

Course Duration of Diploma in CT is 3 (Three) years & the Scheme of Examination is Semesters basis. Intake capacity of Diploma course is 30.



Department of < COMPUTER SCIENCE >

The Department of Computer Science and Engineering of Central Institute of Technology, Kokrajhar is ready to prepare well qualified, motivated, application oriented young and dynamic Computer Science graduates. Over the last three years department of Computer Science & Engineering is also generating a good number of diploma students in Computer Science & Engineering branch. The department is looking forward to get the national as well as international recognition. We will diversify our knowledge in interdisciplinary courses and collaboration with other institutes (like NITSs and ITs) and R&D Labs of some well known Software Industries. We are preparing ourselves for organizing and attending different Workshops and seminars. With the help of vocational training we will definitely serve the purpose of the society. We are determined to achieve these goals only by the help of committed and long-term effort by our faculty and students.

B.Tech in CSE

Course Duration of B. Tech in CSE is 4 (Four) years & the Scheme of Examination is Semesters basis. Intake capacity of B. Tech course is 60

Diploma In CSE

Course Duration of Diploma in CSE is 3 (Three) years & the Scheme of Examination is Semesters basis. Intake capacity of Diploma course is 30.

Department of < ELECTRONICS & COMMUNICATION ENGINEERING >

Electronics dominate the world today and many of the people in it. Within the past twenty years or so, so many improvements and advancements in technology have created a world which relies on electronic services and communication. Nowadays, it is not uncommon to own numerous electronics gadgets for one reason or another. All of them have a purpose and many of them are quite necessary in day to day lives of people. Electronics and Communication engineering course give enormous job opportunities in Electronics, Telecommunication, Chip design, fabrication and testing companies and Software. The department also gives opportunities for research and development, and provides all facilities to pursue higher studies.

B.Tech in ECE

Course Duration of B. Tech in ECE is 4 (Four years & the Scheme of Examination is Semesters basis. Intake capacity of B. Tech course is 60.

Diploma In ECE

Course Duration of Diploma in ECE is 3 (Three) years & the Scheme of Examination is Semesters basis. Intake capacity of Diploma course is 30.

Department of // FOOD ENGINEERING AND TECHNOLOGY //

Agricultural production in India has made rapid strides in the past three decades and enabled us to achieve self sufficiency in food grains. However, less than 1.7% of our total horticultural produce is processed as compared to more than 60% in developed countries. It is estimated that the post harvest losses in durable commodities are around 10% and in perishables about 40%, resulting in a value loss of the order of Rs.50,000 crores a year, because of the inadequate processing technologies, infrastructure facilities and qualified technical personnel. To meet out the challenges in the food processing industry, adequate number of qualified technical personnel in food process engineering is 'the need of the hour'. Anticipating the high demand of technical personnel in the field of Food Process Technology, BTC- BODOLAND has started the B.Tech. Course in FPT from the academic year of 2009 with an annual intake of 32 students. The syllabus is framed with balance of theory, practical and project laboratories at the institutional level. Besides, students undergo one semester in-plant project training in an industry related to food to get insight of the industry.

B.Tech in FET

Course Duration of B. Tech in FET is 4 (Four) years & the Scheme of Examination is Semesters basis. Intake capacity of B. Tech course is 60

Diploma In FET

Course Duration of Diploma in FET is 3 (Three) years & the Scheme of Examination is Semesters basis. Intake capacity of Diploma course is 30

Department of < INFORMATION TECHNOLOGY >

Looking into the growing demand of IT professionals in various fields, Central Institute of Technology (CIT), Kokrajhar has started B.Tech course in Information Technology (IT) from 2011-12 with an intake of 60 students. Emphasis of B. Tech. in Information Technology is to equip students with the fundamental concepts and tools related to Information Technology. This course is designed in such a way to provide foundation of the basics subjects like software development, networking, computer architecture and design, programming, operating systems, multimedia and graphics, data communication, data mining, etc. Specialized knowledge on the analysis and design of information systems, information security, mobile communication, artificial intelligence, soft computing, expert systems, web engineering is imparted. In addition, there are various electives related to emerging Information Technology areas such as neural networks, cloud computing, real time embedded system, IT in forensic science etc. Further, industrial trainings form an important component of Information Technology curriculum providing sufficient understanding and technical mastery to the students and make them aware of working culture of industry.

B.Tech in IT

The Department of Information Technology was established in the year 2011 offering 4 year B.Tech Degree program in Information Technology with an annual intake of 66 students (45 Direct entries +15 Vertical +06 Lateral entries) affiliated to Gauhati University.



Department of < INSTRUMENTATION ENGINEERING >

The Instrumentation Engineering Department of CIT Kokrajhar was established in the year 2007, initially started with Diploma programme in Control and Instrumentation with an annual intake of 30 students. The Degree programme was introduced in the year 2009 with an annual intake of 66 students (45 Direct entry +15 Vertical entry +06 Lateral entry). The Department incorporates all the modern facilities, well established laboratories and sophisticated instruments to provide latest technological know-hows to the future technocrats. The faculties and the staffs are involved in dedicated learning, teaching, and research and in pursuit of excellence following the current trend in the industry and research. The Department is committed to the overall development of the institute. The objective of the Department is to produce quality individuals who can fulfil the ever increasing demand of skilled professionals in the area of Instrumentation and Control Engineering.

B.Tech in IE

Course Duration of B. Tech in IE is 4 (Four) years & the Scheme of Examination is Semesters basis. Intake capacity of B. Tech course is 60.

Diploma In CI

Course Duration of Diploma in CI is 3(Three years & the Scheme of Examination is Semesters basis. Intake capacity of Diploma course is 30.



Department of < MULTIMEDIA COMMUNICATION & DESIGN >

The programme covers subjects of Multimedia, Visual Communication, Animation, Audio-Video editing, Gaming, Digital Design etc. The B.Des programme at Multimedia Communication and Design is meant to develop Knowledge, Skills, Abilities and Aptitude among students to become creative problem solvers and to bring about innovative ideas in the communication, multimedia and entertainment industry. To get involved in research based and thematic projects of national interest as well as regional interest, and through that address Design Education and Design Research activities through collaborative teams of users, industry, NGOs and government.

B.Des

The Department offers 4 year/ 8 semester Bachelor of Design programme in Multimedia Communication and Design.Diploma. The Department offers 3 year/ 6 semester Diploma programme in Animation and Multimedia Technology.



Placement Cell

Placement Cell at the college is continuing as an effective institutional arrangement primarily aimed to train and place the students from different disciplines in the best known corporate entities all over India. The Cell helps to abridge the gap between education and employment in the campus. It ensures exposure to corporate insight by way of providing access to various internship opportunities. The Cell runs with the vision to make students employable and industry integrated. Collaboration with Skill Development Committee hones the employability skills in students and graduates.

Our Graduates are at:



Bisleri



SEMINARS & WORKSHOPS

Basic Latex Workshop

All Young Bodo writers meet

International Conference on Transforming Libraries.

ASSET 2018(National Conference)

Elan and nVision Ethical Hacking workshop

5 Day workshop by ISI Kolkata on Informational

Machine Learning Workshop by ACM Student's Chapter

Web Development ACM Student's Chapter

Python Workshop by ACM Student s chapter

Lecture on Soft Skils

Retrieval and Numerical analysis

AS cracking seminar by Civil Services Achievers Point

Film Making Workshop

Lecture on importance of language documentation

Entrepreneurship Skill Development Program (3 Times)

Mind Power Seminar

Workshop on Astronomy and sky observation

Workshop on self defense

Workshop on Raspberry Pi.

and role of engineers

Workshop on Cyber security &

Information security during Techcracy 2018

GATE workshop during Techcracy 2018

Arduino workshop during Techeracy 2018

Workshop on Food Safety and preservation

Origami Workshop by IITG

Cartoon Workshop by Prof. Abhishek Srivastava

Acting Workshop

Spic Macay Workshop

Lecture on Personality development and soft skills.

Vigilant Awareness Week Seminar

Workshop on ARM microcontroller

Cyber Security Administrators and Christian Missionaries towards

Faculty developrnent Program on "Network &

International Seminaf on Contribution of British

Bodo language, Literature and culture.

Workshop on Applied Numerical Analysis and

Optimization Using Matlab.

Assam Startup Program.

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