

TRAINING AND PLACEMENT BROCHURE 2019-2020



GOVT. COLLEGE OF
ENGINEERING & TECHNOLOGY
CHAK BHALWAL, JAMMU-181122



INTRODUCTION

Government College of Engineering and Technology was established in the year 1994 under Department of Higher Education, Govt. of India. It is approved by AICTE, New Delhi and affiliated to University of Jammu, Jammu. The Institute was established with a vision to provide valuable resources for industry and society through excellence in Technical Education and Research. The Institute offers Engineering UG degree courses in Electronics & communication, Electrical, Computer, Mechanical and Civil Engineering. The alumni of this institute have excelled in various spheres and are positioned very well globally in a number of leading Government, Public Sector & Private Organization. GCET has availed an opportunity of Technical Education Quality Improvement Programme (TEQIP –III) a World Bank aided project of MHRD. GOI with an aim to improve the quality of technical education in the Institution.

VISION

To emerge as a pioneer centre of research & technology imparting a greater contribution in "Nation-Building" by including the intellectual potential, moral character and professional ethics among the aspiring young engineers so as to fulfil the vision of India as a "Developed Nation".

MISSION

- To provide an atmosphere that facilitates personal commitment to the educational success of students in an environment that values diversity and community.
- To produce quality manpower equipped with excellent technical skills, human & social values, leadership, creativity and innovation for the sustainable growth and benefits of mankind.
- To inculcate entrepreneurial attitude and values amongst learners.

FROM THE PRINCIPAL'S DESK

“We make Technocrats, who proudly says, ‘I am an Engineer, I serve mankind by making dreams come true.’”



MESSAGE

GCET Jammu has been preferred destination for aspiring technologists from across the state for the past several years. GCET consistently attracts the finest faculty and the best of students for its B.Tech programme. GCET Jammu has a rich tradition of pursuing excellence and has continually reinvented itself in terms of academic programmes and research infrastructure. Students are exposed to challenging research based activities and a host of sports, cultural and organizational activities on its vibrant campus. The presence of world class facilities, vigorous, institute-industry collaborations and industrial training opportunities help students of GCET to excel and be ahead in the competitive professional environment. In the last 25 years, GCET Jammu consistently maintains an exemplary recruitment record. Our graduates have been selected by leading national and multinational corporations. We highly value our partnership with recruiters and alumni of GCET Jammu and remains committed to making your recruiting experience positive and productive

I invite recruiting organizations and graduating students to find the best match between their needs and capabilities.

With Best Wishes!

MESSAGE FROM TRAINING AND PLACEMENT CELL

Government College of Engineering and Technology, Jammu has been the most preferred Technical Institute in the Competitive world to a large number of National and Multinational organizations for recruiting outstanding employees with immense potential as future leaders. These organizations, are excited about the acumen, competence, communication, and professional attitude displayed by our students. We follow a coherent and transparent placement policy framed to safeguard the interest of the students of GCET and organizations. In addition to the students of GCET, students from other Institutes of Jammu like MBS College of Engineering and Technology, Model Institute of Engineering and Technology, University of Jammu and Shri Mata Vaishno Devi University, Katra are being placed through the Placement Cell of the Institute.

We have excellent facilities for campus recruiters and we are pleased to make them available to all participating organizations. We also take special initiatives to meet expectations of diverse spectrum of organization and uniquely talented students. We welcome suggestions from your organization that will help realize our goal of achieving the best possible match between the aspirations of recruiting organizations and the abilities of our students. We look forward towards enthusiastic participation from your organization during the current academic year.

Thanks!

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Academic Programs

Selected candidates seeking admission in 1st Semester of 4 years B.E. Degree shall fill-up a printed application form available in the College.

Duly filled admission forms of all selected candidates shall be scrutinized by the Admission Committee constituted by the College on or before the notified date of admission by the BOPEE.

- Computer and Engineering
- Electronics & Communication Engineering
- Electrical Engineering
- Mechanical Engineering
- Civil Engineering

S.no	Courses	No. of seats
1.	Computer Eng.	60
2.	Electronics & comm.Eng.	60
3	Electrical Eng.	60
4	Mechanical Eng.	60
5	Civil Eng.	60

DEMOGRAPHICS

DEPARTMENT OF COMPUTER ENGINEERING: The Department of Computer Engineering offers a broad based Undergraduate Programme in Computer Engineering that effectively blends the much needed infrastructure with critical technology base. The students are rigorously trained in Fundamentals of Programming, Software Engineering, Microprocessors, Artificial Intelligence, Databases and Computer Networks. Working towards the goals to achieve excellence, the department follows a dynamic and interdisciplinary approach for which workshops, seminars, guest lectures are periodically arranged for the students. The Faculty works with great enthusiasm to nurture the technology aspirants into knowledgeable professionals who will eventually design the "guts" for tomorrow's innovations.

DEPARTMENT OF ELECTRICAL ENGINEERING: The Department of Electrical Engineering is offering Engineering subjects like Basic Electrical Engineering, Network Analysis, Control System-I, Electrical Machine, Electrical Measurement, Power Electronics, Power System, Switchgear and Protection,

Power Station Practice, High Voltage Engineering, Industrial Drives and is involved in teaching to all students of Five Engineering Disciplines of the institute as per the course scheme.

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING: The Department aims to produce qualified and dynamic Engineers in today fast changing scenario of the Technical world. The Department has a well qualified and experienced faculty. The well-equipped Labs such as VLSI, DSP, Microprocessor, Micro-Controller, Advance Communication, Analog & Digital Electronics, Electronics Measurement etc give students a cutting edge in technical exploration and enhance the students research and analytical skills. The final year project work not only gives them a chance to understand and explore their areas of interest, but also proves to be an important aspect in their future careers.

DEPARTMENT OF MECHANICAL ENGINEERING: The Mechanical Engineering programme gives effective education to the students to enhance their knowledge of basic principles of science, Mathematics and Engineering. The Department has various laboratories viz; Engineering Mechanics, Strength of Materials, Theory of Machines, Mechanical Measurements and Control, Heat Transfer, CAD/CAM, & Fluid Mechanics. The Computer Lab of the department is well equipped with PCs, Printers, Scanner facilities. In addition to this the department has a central workshop facility having various shops viz; Machine shop, Turning Shop, Carpentry shop, Pattern making shop, Smithy Shop, Foundry shop, Sheet metal shop, Fitting shop, Welding shop, well equipped with the basic infrastructure to impart technical training to the students of all disciplines.

DEPARTMENT OF CHEMISTRY: The Department of Chemistry is growing as a center of excellence. The Department has a team of well qualified and experienced faculty members from various premier Institutes of higher learning like IIT-Kanpur, Roorkee and JU. The Laboratory of the department is well equipped with sophisticated analytical Instruments for the need of Undergraduate Engineering students. The Department at present offers two common Engineering Chemistry courses to all engineering disciplines in B.E. 1st and 2nd Semesters as per course scheme approved by University of Jammu.

DEPARTMENT OF MATHEMATICS: The department of Mathematics offers compulsory Undergraduate Courses in Mathematics as an integral part of the curriculum of the Engineering Degree Courses from 1st to 6th Semesters in different engineering disciplines.

The courses comprise of the Different Calculus, Integral Calculus, Vector Calculus, Ordinary Differential Equations, Infinite Series, Power Series, Matrices, Vector Space, Partial Differential Equations, Laplace Transforms, Discrete Mathematics, Complex Variable, Numerical Methods, Probability and Statistics.

DEPARTMENT OF PHYSICS: The Department of Physics offers compulsory undergraduate courses in Physics as an integral part of the curriculum of the Engineering Degree courses in Ist and IInd semesters. Emphasis is laid on the basic Principles of Physics and their applications in Engineering disciplines. The course comprises of the Topics based on Electromagnetics, Applied Optics, Oscillations, Fiber optics & Lasers, Quantum Mechanics and Semiconductor Physics. The department is well equipped with Laboratory facilities catering to the needs of under graduate Engineering students. Extensive Practical/Laboratory training pertaining to the above related theory courses is also imparted to the students to acquaint them with the skills of experimentation, innovation and creativity.

DEPARTMENT OF HUMANITIES: The Department of Humanities offers a course on communication skills to the B.E. Ist Semester students to make them adept in conversation and presentation techniques. The department offers a course on Engineering Economics to the B.E. IInd Semester

students wherein the emphasis is laid on providing a sound knowledge of microeconomics, macroeconomics and their practical applications. For higher semesters too, the department offers courses on "Organizational Behavior" and "Industrial Management" to the students belonging to various engineering disciplines. The objective of these courses is to enrich the students about the general behavioral techniques and the work culture of organizations. The management courses offered are aimed at enhancing the business organization and management skills of the students and also encouraging them to pursue their studies at higher levels or adopt entrepreneurship as a career option.

Academics

Teaching Methodology

Great emphasis during the classes is laid on core fundamentals and concepts and the examinations are designed to reflect the understanding of the fundamentals in practical fields. Course work is further augmented by course project, seminars and presentations so that the students become proficient in inculcating team values.

Open and Professional Electives

In order to boost interest in other faculties of technology, the students can take up elective course from department other than their core area of specialization. Students also take up courses in Humanities and Management.

Industrial Exposure

Students are exposed to latest industry practices through several industrial visits during their course. Students are also encouraged to undergo industrial training during their summer vacations. The training provides the students with adequate exposure in tackling live problems encountered in working of industrial entity.

Institute programs

To encourage the faculty and students interaction, GCET Jammu constantly organizes various conference, seminars, expert talks. Through these the students get an opportunity to interact with eminent personalities from the corporate world and the academia. In addition to these the various departments also organizes different workshops.

Infrastructure & Facilities

Computer Centre: The institute has a state-of-the-art Computer Centre having multiple computer labs and a virtual classroom fully equipped with all modern computing and audio-visual facilities such as interactive boards, projectors. This Computer Centre is the part of National Knowledge Network(NKN) and thus there is the facility of video conferential so with speed of 1gbps. The labs are an ideal place for conducting online interviews ,tests and for taking presentations.

Laboratory Facilities: The college camps different departments which not only help in the smooth functioning of the academic activities but also provide the budding technocrats with the latest laboratory facilities for their technical upliftment and development of professional traits. Each department provides various lab facilities for the practical as well as research purpose.

Library: The Central Library of the institute is rich and diverse owning a stock of over ————books with clearly demarcated section for every engineering courses. In addition to the engineering pertinent books, the central library is self-sufficient in a vivid category of other business and current affairs related magazines, pamphlets and journals

Medical Facilities

Sports Facilities: The students are encouraged to take up sports actively. A huge ground is maintained meticulously for playing cricket and football. A Basketball court and Badminton court are also present. Several other sports such as Table Tennis, Volleyball and others are also conducted.

Hostel's & Mess: Residential facilities are provided to students in boys' hostels. The hostels are guarded round the clock by able private security staffs. Patrolling is also done by state security personnel during night. A hostel provides a central mess facility for breakfast, lunch and dinner. Uninterrupted water and electricity supply are also provided. Hostels have got separate Wi-Fi connections for providing internet facilities to students 24x7.

WIFI: Today's world can't be imagined without internet. WIFI access is available in the campus and hostels for use by the students and the employees. It enables students to carry out their projects and search for relevant information. The internet access is provided by BSNL(Gbps), PGCIL(Mbps), RelianceJio() .

Banking Facility: There is a functional branch of Jammu & Kashmir Bank within the institute premises.

Student Clubs

Kalakriti Society: is an amalgamation of all the amazing and creative artists of GCET. The society plays a major role in every event conducted within the campus and outside the campus by creating beautiful posters, banners and art work. The society also organizes multiple events such as poster making competition; various art display competitions, etc. in order to keep the art and the artist's active throughout the year. Members of the society are regular winners at prestigious inter college events, thus showcasing their talent at various platforms.

Sports Club: Sports has always been in the hearts and soul of all GCETians. A mega annual sports meet is organized every year in the campus in which the entire sports fraternity gathers to celebrate the spirit of sports and discover the talent within themselves and among each other. The sports meet gives enormous opportunities to the students to develop sportsmanship, spirit of co-operation, team work and inculcation of discipline and time management.

Red Ribbon Club: This club of the college imparts knowledge related to prevention and spread of the deadly disease such as AIDS etc. Every year on 1st of December an "AIDS awareness rally" is flagged off to generate awareness in and around the campus.

Red Cross society: This society is constituted in the college to develop the qualities of philanthropy and altruism amongst the students. Red Cross unit of the college organizes blood donation camp for the students to donate blood for the welfare of humanity. The institution also grooms students to work for various social causes and for the betterment of humanity by donating generously and by extending help to those who are the victims of natural and manmade disasters.

Literary club: The literary club is framed in order to bring out the inner qualities of the students so that they can exhale in extra-curricular activities. Over the past few years, this club organized debates, symposiums and contribute articles/papers to College Magazines and Conferences where the students got a basic platform to come up and speak so that they can break their hindrance or stage fear when seen in audience. The club also helps to keep students updated on the ongoing current scenario in their respective fields so that they can be motivated and new ideas can be generated in them for their own benefits such as self enhancement, self learning, etc. The club also gives a platform for interaction among the intra and inter department students so that they can share and exchange their views and opinions. The club also motivates the students to have an active participation outside the college so that they can be bright in the outer world.

CRIOS Club: This club includes a critical mass of motivated students and faculties with entrepreneurial orientation and skill. It has strengthened the inter department and inter- institutional linkage, incubators and other Ecosystem enablers at different levels.

Career Counselling/Placement club: It offers career guidance on all aspects related to career planning, job searching and post-graduate studies. The career counselling club of the college deals with the placement of the students in different companies and sectors. It hones their employability skills, trainings, industry interface and pre-placement talks.

Royal Mechnocrat: It is a club established by students of Mechanical Engineering Department of the institution. Members are concerned in the technological advances in mechanical engineering and gather to discuss technology, automation and governmental policies governing technology and related issues or to hear speakers.

INFOMANIACS: This group has set the stage for a lifetime of leaning in reaching out and building connections that bridge barriers. It is a great way to know and build your professional skills like communication and prioritization. The ground helps students congregate around a common cause, interest or course of student like machine learning, artificial intelligence, IOT etc. Organizing coding contests in the Institution like codathon has encouraged students to enhance their skills. This group has also provided students many cultural activity opportunities that have augmented their personality and social life.

The Eco Club: It fosters relationship between man and nature and its importance in our life. It aims at educating the students to be the green ambassador and launch plantation drive for green and clean environment. It also helps students to know the need of using eco-friendly things, to save trees, educate people and protect natural flora and fauna to maintain ecological balance. The NSS Unit of the College organizes 'Swachh Bharat Abhiyan' to ensure cleanliness in the College premises. Moreover, it has an outreach programmes to educate villagers about social evils and maintenance of mental and physical hygiene.

CIVITECH Club: The CIVITECH Club was established by the Department of Civil Engineering to carry out the various technical/education activities. The main activities of the Club is to organize technical visits/tour, trainings, inter-college debates/seminars/quiz and expert lectures of eminent personalities in the field of Civil Engineering.

AZONIC Club: The club inculcates in students zeal to actively organize and participate in various professionals, technical and cultural activities within and outside the State to develop technical and soft skills and also to promote social interactions. Additionally, the club also provides the platform for the students to give a shape to their innovative ideas. The domain of the club is designed in such a way that it provides overall development of students in all respects.

DYNAMO Club: It was established with the aim to carry out the various technical / educational activities. The club encourages and supports electrical engineering students through social events, skilled workshop and industrial visit. It provides a platform for the electrical engineering students for learning, creating and improvising their professional skills. In addition, the motive of the club is to provide an opportunity for the students for liaising with department staff as well as peers with the view to attract future students in the stream. Further, the club aims at improving technical, practical and reasoning skills of the students and also provides helping hands to the students for various concerns and provides subject advice to form a more socially diverse group.

Branch (B.Tech)	Training /Internship providing reputed organizations
ME	
EE	
CE	
ECE	
Civil	

Training/Internship for students

At GCET Jammu, we believe that internships provide the student with a colossal opportunity to explore the real life insights of the corporate industrial world and are an integral part of a student's overall academic achievements.

Role of Practical Training Cell

- ✚ Provides an interface/platform for companies and universities to interact with the bright and motivated students in their second and third year.
- ✚ Helps in building and sustaining relations with companies who wish to recruit students from GCET JAMMU for internships.

✚ Notifies students about excellent internship opportunities in various companies nationwide.

✚ Assists in conduction of talks, interviews and selection process of the students.

Branch	Training /internships details Training /Internship organizations
ECE	NIELIT JAMMU, NIELIT SRINAGAR, COURSERA, INTERNSHALA, UIET CHANDIGARH
CE	NETMAX TECHNOLOGIES, TACHSTACK, KYRION TECHNOLOGIES, BSNL, COURSERA, HCL, INTERNSHALA, APTRONSOLUTIONS, JETKING, TCS, UDEMY, CROMA CENTRE, DRDO SAG, NIELIT, BHARAT PETROLEUM, EPTA TECHNOLOGY
EE	UIET CHANDIGARH, BAGLIHAR HYDROELECTRIC PROJECT, GLADNI, BHEL BHOPAL, JKPDD, NHPC LADAKH, BHEP RAMBAN,
ME	AAI JAMMU, MARUTI JAMKASH, TATA MOTORS,SKIMS,JKSRTC, IRCON, RAIL KOCH FACTORY KAPURTHALA, DRDO, NHPC, UNIVERSITY OF SOUTHAMPTON UK, DULHASTI POWER PROJECTS, JAMMU MOTORS
CIVIL	PWD JAMMU, JK HOUSING COOPERATION, CVPP, PMGSY POONCH, R&B, JKPC, IRCON, NHIA, AUQUAF CONSTRUCTION, GAMMON

PLACEMENT PROCEDURE

The Placement Office (the formal point of contact for placements at GCET JAMMU) or the Placement Cell (the body of student representatives appointed by the Placement Office) sends invitations to companies/ organizations along with relevant information.

✚ All the organizations need to provide the compensation/ breakup details of the posted job opportunities.

✚ Interested and eligible (as per the criteria specified by the organizations) students show their willingness to appear for the recruitment process of a company. Organizations can view resumes of interested students and shortlist students.

✚ Placement Office allots dates for recruitment procedure by considering factors like student preferences, job profile, etc. Organizations visit the campus on the allotted dates and conduct test/ interviews according to the recruitment process.

The company/organization is required to furnish the final list of students in a sealed envelope at the end of their assigned interview slot.

RESUME VERIFICATION

All claims made by students in resumes submitted for campus placements are duly verified by the Placement Office and the verification standards are uniform throughout the institute.

Our Recruiters

AFCONs	L&T Infotech
Merchant Navy	Normat
Bharti Infra Tel Ltd.	ANGLO EASTERN
Forbes Marshal	WIPRO
Phoenix Maritime	JAINCO MOTORS PVT
Services. Ltd	. LTD
TCS	ACCENTURE
TECH ASPECT	CUMMINS
SIDEL	TRIGGENT
SRIRAM	RAPS. TECH

PLACEMENT TEAM(2019-20)

TRAINING AND PLACEMENT COMMITTEE MEMBERS

S.NO	NAME OF FACULTY/ COORDINATOR	DESIGNATION		CONTACT NO.
1.	Ajay Abrol	Associate Professor (Electronics & Communication Eng.)	I/C TPO	9419137081
2.	Dr. Bhawna Sharma	Associate Professor (Computer Eng.)	Co-ordinator	9419238868
3.	Er. Sat Dev	Associate Professor (Electrical Eng.)	Member	9419220030

4.	Er. Sumeer Khajuria	Associate Professor (Electronics & Communication Eng.)	Member	9419185449
5.	Ms. Era Sharma	Assistant Professor T&P	Member	9419161959
6.	Er. Rajat Sharma	S.L.T (Electronics & Communication Eng.)	Member	7006206707
7.	Er. Vishal Vaid	Incharge Security	Member	9419701266

TRAINING AND PLACEMENT STUDENT MEMBERS

S.NO	NAME	BRANCH		CONTACT NO.
1.	Sahil Mahajan	Civil	Coordinator	9622866335
2.	Aditya Sharma	Cse	Coordinator	8803622378
3.	Anirudh Arora	Cse	Member	-----
4.	Subhang Pandoh	E&C	Member	-----
5.	Rehan Bavoria	Mechanical	Member	-----

Guidelines for Placement:

1. The complete responsibility of Placement is on the students, the Training and placement cell being only the facilitator. The meaning of facilitation has to be clearly understood here. In all circumstances, it does not imply that Training and placement cell assures Placement to all the students.
2. At the commencement of the session, the members of the student Placement committee would be selected. The interested students would be required to make a pitch stating the details so as to define "Why He / She should be a member in the Placement committee?" Then, amongst the volunteers the best three would be nominated as Placement coordinators who would be assigned major responsibilities and would be accountable to Head - Training and placement cell.
3. Participation of entire batch in the Placement activities (Defined vide Rule No.2) is mandatory. Any student found abstaining from the Placement activities would become ineligible for Campus Placements and he /she would not be given any recruitment facilitation under any circumstances.
4. If the student fails to qualify after being selected for the final round of interview in 3(three) companies he/she will not be allowed for any further Placement assistance from the Institute. No request would be entertained in all circumstances.
5. Student who will voluntarily disclose with proof the He / She does not require Placement assistance from the Institute would be relaxed from participation in the Placement activities, subject to the approval of Head-Training and placement cell. This could be because of various reasons like – Pursuance of Higher Studies, Joining family business, Medical reasons, etc.
6. Though Companies select individual students but Campus Recruitment is a team effort. Hence, all students while interacting with the companies for Placement will represent the Institute and not Himself / Herself. Students found guilty of doing so, would be immediately debarred from further Placement assistance.
7. All students would be required to be present in formal attire. Formals would mean blazers/suits/shirt and tie.
8. It is the student's responsibility to see the Placement notice and submit his/her resume to the student coordinators as per the deadline specified in the notice. No resume will be accepted after the deadline specified in the notice.

9. A student can apply in as many companies as he/she would like to but at the same time, if selected he/she would have to appear for the further selection procedure (viz. interview/ psychometric tests/ group discussions / any other selection tool) adopted by the Company, in the best of his / her spirits.

If desired by the Company or if there is a need felt by the Training and placement cell Board. The Training and placement cell Board's decision in this regard would be final and binding.

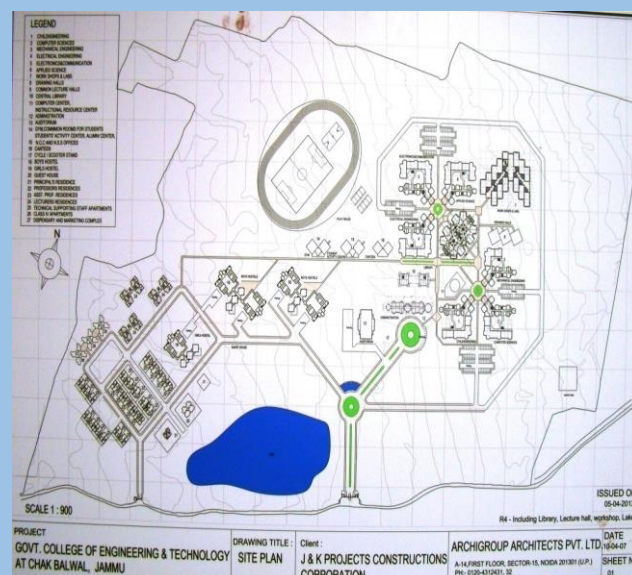
10. Students with their Cumulative Percentage less than sixty would not be eligible for any Placement assistance from the Institute and Eligibility Percentage will be shared by company itself it can vary up to 75 percent. Cumulative percentage here would always mean the latest Cumulative available with the Training and placement cell till the respective semester a student is in.

11. It is compulsory for all the final year students from all streams to attend the Pre-Placement Talks.

12. Once placed, the students should continue with the same Company for a period of minimum six months to give their learning a shape and maintain the healthy relationship between Institute and the Company. In case of unavoidable circumstances, the students must contact and seek necessary advice from Training and placement cell before communicating their decision to the Company.

How to reach GCET LAYOUT PLAN

Total Land Area - 869.10 Kanals (Approx. 108 Acres)



Jammu, J&K is well connected to other parts of the country by road, rail or air.

International Airport, at a distance of 28 km from GCET campus. There are direct air services from /to New Delhi, Kolkata, Mumbai, Chennai, Bangalore & Hyderabad with connectivity to all major cities in the country.

Jammu's railway station is well connected with most of the major cities of India

Contact details

Please drop a mail to tpogcetjammu@gmail.com mentioning your requirements, eligibility criteria ,CTC, Tentative date of campus visit for recruitment drive and other details