

Placement Brochure 2022



**Placement Cell
Government Engineering College, Rajkot**

Institute Profile

Managed by: Commissionerate of Technical Education, Government of Gujarat, Gandhinagar

Approved by: All India Council of Technical Education, New Delhi

NBA Accredited: Mechanical & Civil Department

Affiliated to: Gujarat Technological University, Ahmedabad

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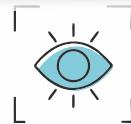
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Vision & Mission



Vision

- » To bring out technically competent and socially responsible engineers.

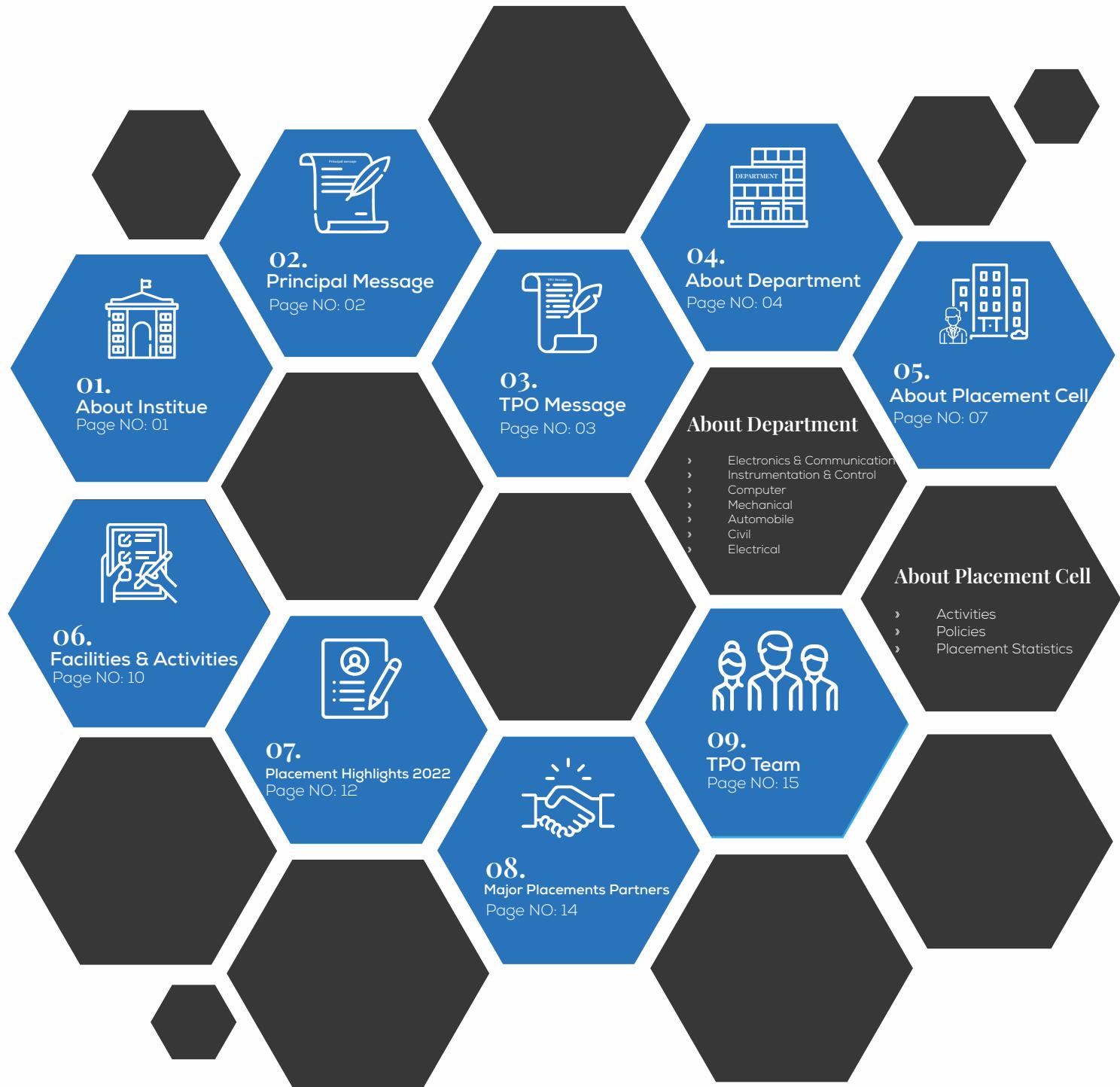


Mission

- » To upgrade and enhance learning resources for delivering quality technical education
- » To improve pedagogical skills and subject knowledge of the faculty members.
- » To fortify industry interaction for upgradation of the skills of students for meeting upcoming professional challenges
- » To nurture innovative thinking and experimentation for addressing real life problems.
- » To take cognizance of social, ethical and environmental issues.



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About the Institute

Government Engineering College Rajkot, established in the year 2004 by the Government of Gujarat, is an institute primarily focusing on the field of technical education and research.

From its inception, GEC, Rajkot has grown steadily and is imparting quality technical education by addressing the need for trained and specialized human resources for the engineering sector. GEC Rajkot is thriving remarkably well in a vibrant campus currently spread over an area of approximately 40 acres of lush green cover with a beautiful rural setting and well connectivity with the city.

GEC, Rajkot is putting the best efforts to create a vibrant atmosphere to motivate students for learning and to make the institute a preferred destination for learners in the field of technical education. The institute has made significant progress in the last decade and is still flourishing.

Through well developed laboratories, library, language lab and computer center, research and development activities, by promoting innovations and multi-disciplinary and well-planned undergraduate programmes in engineering, GEC, Rajkot architects intellectual prodigies to compete in the global arena. Currently the institute offers undergraduate programmes under following departments:

Departments	Year of Establishment	B. E.
Electronics & Communication Engineering	2004	120
Instrumentation & Control Engineering	2004	30
Computer Engineering	2004	120
Mechanical Engineering	2009	60
Automobile Engineering	2009	60
Civil Engineering	2009	60
Electrical Engineering	2018	60



Principal Message



Dear Students, Parents and Faculty members, GEC Rajkot was established by Government of Gujarat in the year 2004 with a vision to provide quality technical education to bring out technically competent, socially responsible, environmentally conscious and ethically sound engineers in tune with India's vision to transform the nation into a developed country. We are putting our best efforts to create vibrant atmosphere to motivate students for learning and to make our institution a preferred destination for the learners in the field of technical education.

We congratulate all the students for obtaining opportunity to develop their professional life and career at Government Engineering College, Rajkot. Institute has done significant progress in last decade and will continue growth in future as we emphasize more on project based learning and experimentation. We have developed laboratories, library, language laboratory and computer centre under Technical Education Quality Improvement Programme (TEQIP-II) so it has become the destination for talented students of Gujarat and especially Saurashtra region.

It is my humble request to all the faculty members and staff of GEC Rajkot to emphasize on 5Cs (Courtesy, Commitment, Communication, Collaboration and Care). We need to work hard together to uplift our institute and to make it the best institute in Gujarat. We also need support of our Alumni and industry for sustainable growth of the institute. With the hard work and all around efforts of our training and placement team, job placement is increasing day by day. We are proud to witness success of our students in their industrial jobs and businesses.

It is found that there are more numbers of job vacancies than number of seekers, for all such innovative opportunities in various fields we promote student through Student Start-up and Innovation Policy (SSIP), an initiative of State Government.

We encourage students to develop their cognitive skills like Conscientiousness Innovativeness and Perseverance. We motivate our students to take initiatives and become problem solvers. Find real life issues, apply Engineering Knowledge and work for it. It is rightly said that "A dream becomes a goal when action is taken towards its achievement." We are committed to take constructive and purposeful actions to produce life-long learners and engineers who contribute for the progress of Gujarat and India.

- Dr. C.H. Vithalani
Principal

TPO Message



The Placement Cell of GEC, Rajkot plays a crucial role in locating job opportunities for Graduates passing out from the college by keeping in touch with reputed firms and industrial establishments. The Placement Cell operates round the year to facilitate contacts between companies and graduates. The number of students placed through the campus interviews are continuously rising. On invitation, many reputed industries visit the institute to conduct interviews.

We have been successful in maintaining our high placement statistics over the years and the continuously increasing placement itself is a testimony of our quality. Our ingenious alumni have set new standards in the corporate world through their exceptional contribution and it is my firm conviction that we will continue that legacy in the years to come.

The Placement Cell organizes career guidance programmes for Higher Study, Foreign Study, Public Sector Exam for the students who are interested to join Government Sectors and for the different technical domains. Training and Placement cell arranges and coordinates various programmes that aim at moulding the students to meet the industrial expectations in career building and in turn bring laurels to the Institute.

The Training and Placement cell is open for students to meet, to interact and to get all the support to build their career. We are here to support.

We at GEC Rajkot Training and Placement cell aims at overall development of students by inculcating the required skills and providing opportunities to get placed in a prospective company thereby full filling the expectation of parents' community.

-Dr. Hasmukh P. Koringa
Placement Cell Convener
9428037980
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About Department

» Electronics & Communication:

Electronics & Communication department has acquired expertise in the area of VLSI Design, Signal Processing, Wireless Communication and Networks, Optical Communication and Networks, Antenna and RF System Design, Image, Speech and Video processing, Testing and Verification of VLSI Design,



Reconfigurable Processor Design and Embedded System Design. The department has a blend of experienced and well qualified faculty members having obtained Masters and Ph.D. degrees from premier institutes and have distinction of working with established national and international research organizations.

» Instrumentation & Control:

Instrumentation & Control is an interdisciplinary area. It caters the needs of chemical, fertilizer, petrochemical, oil and refinery, power, textile, plastic, automobile, agriculture, dairy, food processing and manufacturing industries. It also covers robotics, navigation, aerospace and military applications. The undergraduate programme of this branch is well appreciated and students are well accepted by the industries. The branch has a strong desire of shaping innovative alliances with industries to achieve academic excellence along with up-to-date training on current trends in process automation and industrial networking area.



» Computer:

The Computer Science Engineering (CE) Department offers B.E. programme in Computer Engineering. Computer Engineering is the most sought-after branch for the students that come to the Institute. The department has active research interest in various domains like Machine Learning, Data Mining, Computer Networks and Security, High Performance Computing, Unified Hardware Software co-design etc. It has modern computing amenities equipped with the latest tools and technologies. The department has strong collaboration with many research organizations and leading industries like ISRO, PRL, IPR, IIT Gandhinagar, BSNL for academic and research purposes.



» Mechanical: NBA Accredited

The B.E. (Mechanical) programme offers a comprehensive fundamental education in mechanical engineering, emphasizing basic sciences and mathematics, followed by engineering sciences and engineering design. The main goal of the programme is to provide students with a broad variety of educational experiences: developing their problem-solving skills, challenging them with open-ended problems and design projects, providing opportunity for teamwork, and making research or independent study experiences available to those students with the desire and capability to make engineers more skilled and more employable.



» Automobile:

Modern automotive industries need experts in vehicle design and manufacture. Since Rajkot is the automobile hub of Gujarat, this course gains significance for those who are passionate about automobiles. The department has a team of highly qualified, dedicated and experienced teachers specialized in IC Engines, Alternative Fuels, Automotive Technology, Automotive Design, Production, Thermal & Electric Vehicles. With the opening up of R&D and manufacturing plants by global players in various parts of the country and the increase in demand for automotive experts in the domestic and international markets, graduates of automobile engineering have a bright future ahead.



» Civil: NBA Accredited

The resources at the department, both literary resources as well as equipmental resources of laboratories, facilitate the teaching learning process and help students imbibe the theoretical concepts, its real-time implications and applications. The department also organizes Training Programmes and Workshops for students as well as for faculties from time to time that helps in their transition from students to professionals and introduce them to on-site projects.



» Electrical:

The Electrical Engineering department has a goal of providing excellence in teaching to create a well-educated, technically competent, and socially responsible workforce for meaningful, inclusive, and overall societal development. The department has young, dynamic & dedicated faculty members. The department provides opportunities to the students to work in state of the art laboratories like Basic Electrical Engineering, Electrical Machines, Power System Protection, Microprocessor, Control Systems & Instrumentation..For internship students go to various significant organizations as PGVCL, TATA MOTORS, ADANI etc.



Institute Pedagogy:

The key features of our pedagogy are:

- » Coverage of syllabus within the time frame.
- » Student centric approach in teaching: Extra tutorials for weak students.
- » Extensive use of audio-visual aids, such as multimedia projector, microphone, etc. to make learning more engrossing and accessible.
- » Extensive use of cutting edge tools like Moodle, NPTEL videos etc.
- » Regular quality assessment through mid-semester exams, viva, quiz sessions etc.
- » Freedom of discretion to faculties for implementing innovative methodologies in teaching & learning.
- » Students are encouraged to participate in seminars, workshops, industry visits, project making etc.



About Placement Cell

The Training & Placement Cell

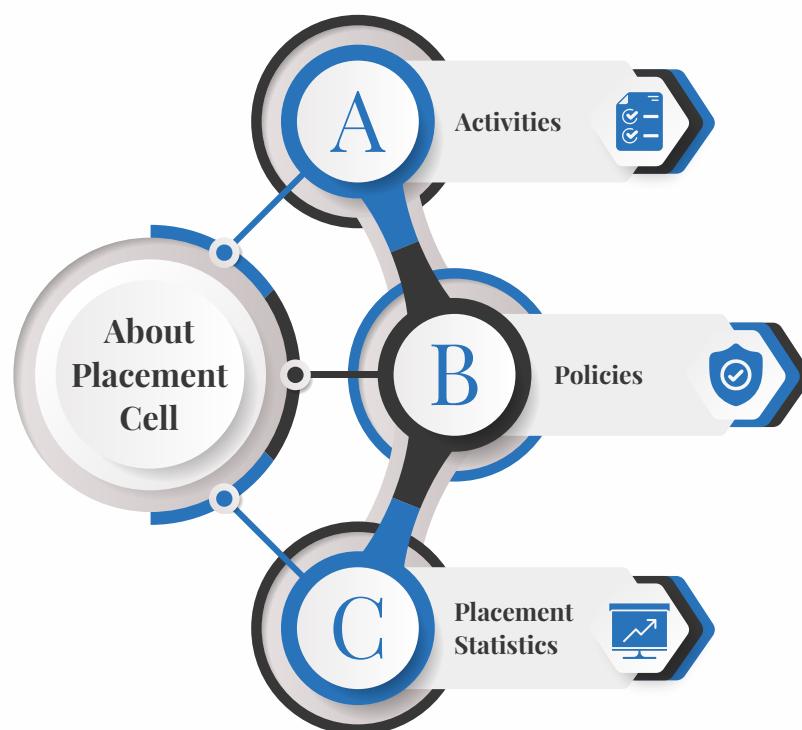
Engineering itself means implementation of knowledge typically in the form of mathematics and science. The course enriches students with skills required by the industries. Training and Placement Cell at Government Engineering College, Rajkot builds a bridge between the industry and academia providing extraordinary skilled human resources to the leading companies.

Objectives :

- » Providing employment opportunities.
- » Training students through Internships.
- » Guiding for the Campus placement interviews.
- » Helping students to develop aptitude and technical skills.
- » Helping with all the employability skills including soft skills.
- » Taking various steps to enhance employability among students.

Facility For Recruiters :

- » Large and ventilated classrooms and halls for pre-placement activities and written tests.
- » Providing suitable environment for interviewing employment opportunities.
- » Air-conditioned Rooms for GD and PI.
- » High-Speed Internet Connectivity.
- » Prompt assistance by Student Volunteers during the visit.



A. Activities :

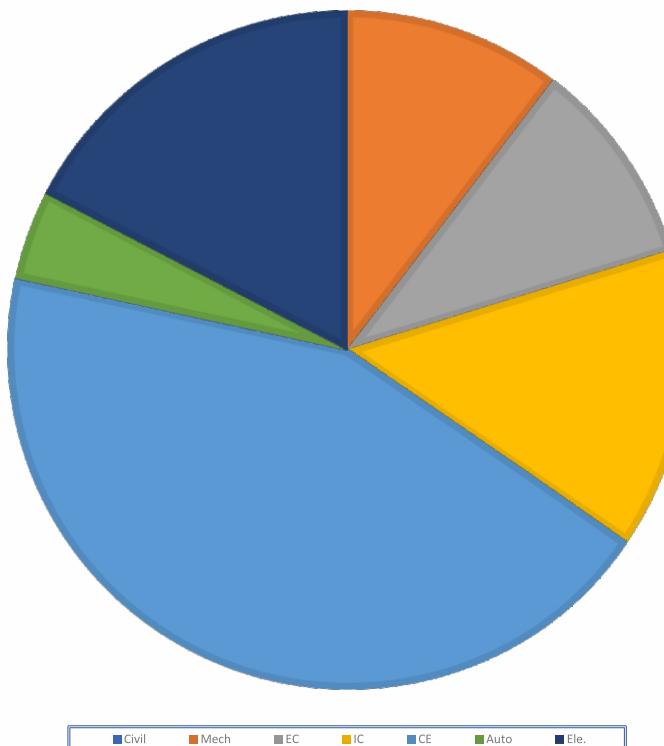
- » Students' visit to various renowned industries.
- » Ideathon competition conducted by the institute.
- » IEI Students Chapter to upgrade engineering knowledge
- » Python users club to build python skill.
- » YOGA/Meditation club for mental and emotional wellbeing of students.
- » Expert lectures by industry experts & high rated academicians.
- » Special programme for aptitude building.
- » Mock interview and Group Discussion sessions.



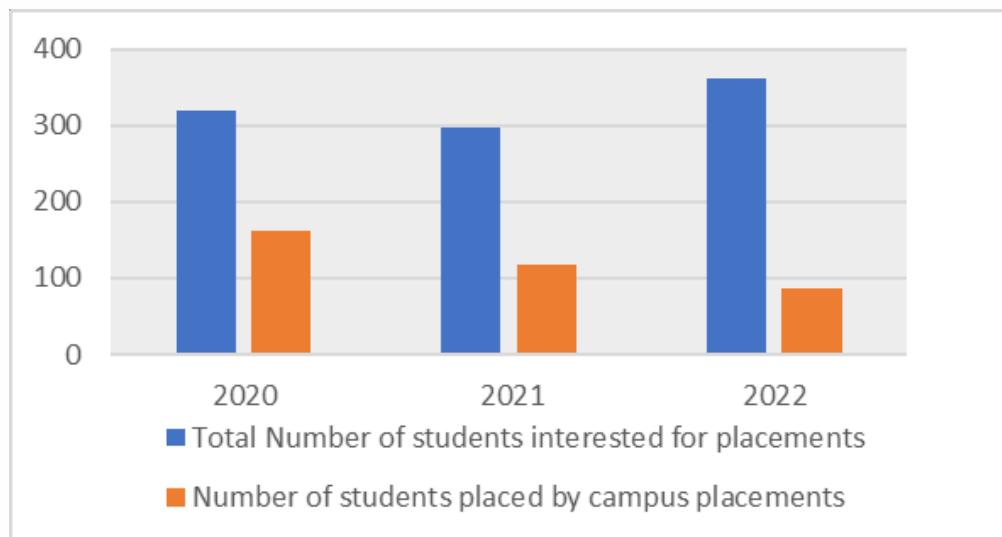
B. Policies :

- » Registered students have to provide self attested credentials in prescribed format within a time limit. Any discrepancy leads to disqualification.
- » Students need to update their data regularly on placement website.
- » If registered students remain absent from a particular drive, they will be debarred from applying in three higher package companies.
- » Students can participate in multiple companies until they bag their first job offer.
- » If any student refuses to join the company after getting selected or leave it during induction training, the Institute Disciplinary Committee is free to take due action against the student.
- » Students who are already selected for a job can apply only for those companies which offer 1.5 times higher package than their previous company.

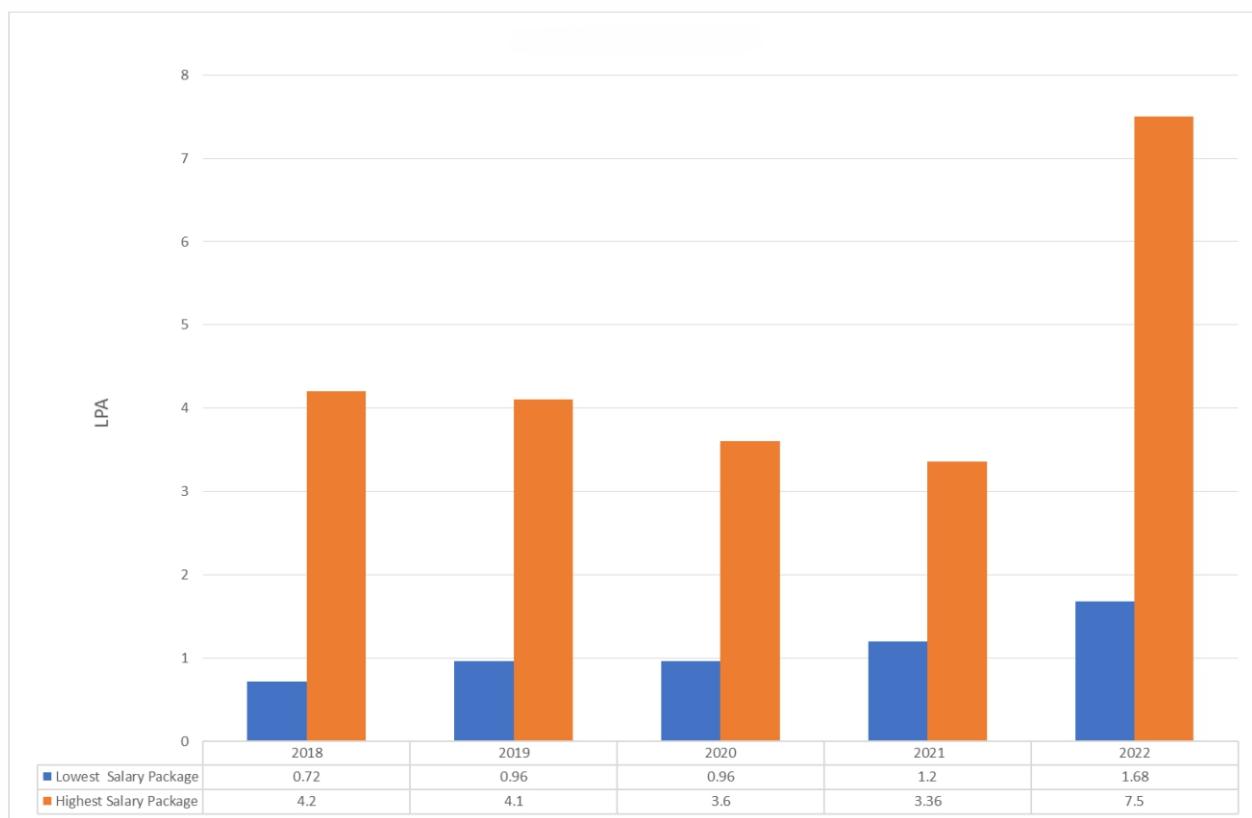
C. Placement Statistics :



2022 PLACED STUDENTS



Placements Data



Placed Students Data 2018 to 2022

Facilities & Activities

Siemens Center of Excellence :

The Siemens-Center of excellence caters the need of skilled manpower in various domains of industries. The Siemens Center of Excellence is established under an agreement between Industries Commissionerate of Government of Gujarat, Siemens Industry (INDIA) Pvt. Ltd., Designtech Systems Ltd., India, and Government Engineering College, Rajkot. Till date about 2265 trainings have been successfully completed and certified.

Major Laboratories in Siemens CoE :

- » Product Design and Validation
- » Advanced Manufacturing Lab
- » Computer Integrated Manufacturing
- » Process Control Lab
- » Rapid Prototype Lab
- » Mechatronics Lab
- » Automation Lab
- » Machine Lab
- » Electrical Lab



SSIP:

- » Through Student Startup Innovation Policy (SSIP), Government grants economic support upto 1.5 Lakhs to the institute. Taking advantage of this policy, the students show remarkable progress in developing various projects that are highly innovative.



BISAG:

- » Bhaskaracharya Institute for Space Applications and Geoinformatics (BISAG) is a state level agency by Government of Gujarat to provide services and solutions in implementing map-based GeoSpatial Information Systems. GEC, Rajkot is one of the few centers approved by BISAG to facilitate students in learning new avenues.



POST-TEQIP:

- » POST-TEQIP is the programme as given below that has been derived from the National Policy on Education (NPE-1986 as revised in 1992). To create an environment in which engineering institutions selected under the programme can achieve their own set targets of excellence and sustain the same with autonomy and accountability.

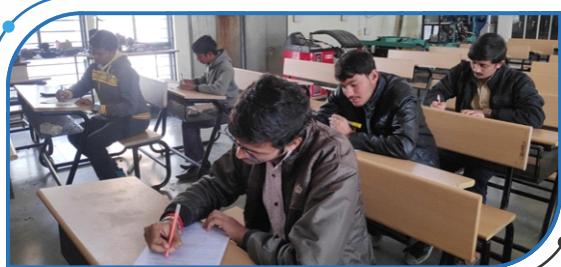


RUSA:

- » To improve the overall quality of institutions in state ensuring conformity to prescribed norms and standards and adopt accreditation as a mandatory quality assurance framework.

Finishing School:

- » Finishing school is a career enhancement program run by KCG to help the final and pre-final students in their placement and job employability. It assists them in grooming their personality, by acquiring placement specific knowledge and polishing their communication and life skills. This certificate course carries 4 sets of training programs of 80 hours.



GATE Club:

- » Various quiz sessions and mock tests are conducted to help students for higher studies and research work.



Placement Highlights 2022



Tarang Kathiriya



Paras Aghera



Ajay Parmar



Dev Bagthariya



Rishit Rathod



Akshi Bavisi



Mudassir Damar



Rutvik Govindia



Shivangi Dhaduk



Nikhil Kanajariya



Abhay Sindhav



Aamad Kandiya



Suraj Ganatra



Ankit Lakanotra



Nikhilesh Ramoliya



Darshan Savaliya

adani

Growth
with
Goodness



Farhana Parmar



Naval Sharma



Shivam Chikhaliya



Viraj Barad



INEXTURE
IDEA. DELIVERED.



Margi Godhasara



Budhesh Katariya



Rutvik Nabhoya



Kishankumar Vasani



infostretch
Accelerating the mobility of things



Harshit Bakraniya



Mihir Mer



Prince Makadiya



gn websoft



Vivek Odedra



Akhil Khunt



Bhavin Javiya



Shivam Purohit



Vivek Bhanderi



Kruti Pujara



Janvi Bhadeshiya



Mihir Bhuva



Harsh Korat



Harshit Bakraniya



Dhruvik Kava



Nevil Padariya



Vatsal Dendpara



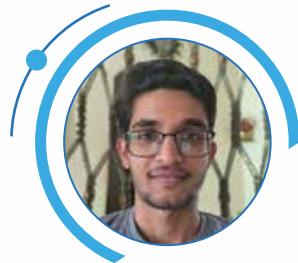
Akashkumar Agravat



Shreyash Zala



Krupal Bhuva



Bhavya Thakar



Vishal Bind



Avani Patel



Hardikkumar Santoki



Dhaval Dodiya

Major Placements Partners



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Growth
with
Goodness



gn websoft



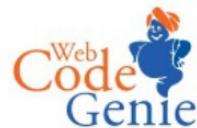
TATA CONSULTANCY SERVICES



Softnautics



PerfectVIPs
Right Tools... Perfect Chip



TPO Team



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Placement Cell GEC-Rajkot

Placement Brochure 2022



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