



KIET GROUP OF INSTITUTIONS, GHAZIABAD U.P.

Department of Civil Engineering



(An ISO – 9001:2008 Certified & 'A' Grade accredited Institution by NAAC)

Dear Aspirants,

Greetings from Civil Engineering Department, KIET Group of Institutions, Delhi – NCR, Ghaziabad, Uttar Pradesh, India.

It is a matter of pleasure and proud for all of us that you have made up your mind to choose Engineering as stream of your higher education. Civil Engineering has been a royal, most practiced and the oldest branch among all the disciplines of Engineering. Looking in to the present scenario of developing world, it has become one of the most important and relevant disciplines to address the need of the hour.

Department of Civil Engineering at KIET Group of Institutions (Affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow) offers B. Tech. program of 4 years duration. Our B. Tech. Program is NBA Accredited. This program involves planning, designing, constructing, maintaining and supervising infrastructures, which include facilities essential to modern life like highways, railways, ports and waterways, bridges and tunnels, schools, hospitals, other buildings, sewage systems and water treatment facilities etc.

Owing to the tremendous growth potential in the infrastructure sector in India and abroad, the demand of Civil Engineers has been on the rise. To fulfil the growing demand and to cater the engineering needs of the nation efforts are being made such as:

- ❖ The Union Budget 2020, unveiled that **Rs.100 lakh crore** shall be invested only in infrastructure over the next 5 years. On the separate allocation to the transportation sector, Road Transport and Highways Minister Mr. Nitin Gadkari has said that it has given a massive boost to investment in infrastructure including Highway, Railways, Airports, Ports and Waterways, which in turn would help revive industrial production and generate employment opportunities, **creating more than 2 crore jobs.**
- ❖ Smart City projects, Housing for All By 2022, Atal Mission for Rejuvenation and Urban Transformation (AMRUT) are some of the other initiatives for addressing the nationwide demand of infrastructures and related sectors.

The construction industry is a major contributor towards India's GDP, both directly and indirectly. **It employs 33 million people**, and any improvements in the construction sector affect several associated industries such as cement, steel, technology, skill-enhancement, etc.

Based on the report titled "Real Estate and Construction Professionals in India by 2020" by the Royal Institution of Chartered Surveyors, **there is a demand-supply gap ranging between 82% and 86% of skilled Civil Engineers**, architects and others. This means our country needs 4 million skilled Civil Engineers until next two to three years.

To address **massive demand of qualified Civil Engineers** in the country and world the department is focused on rigorous analytical study along with realistic practical solutions in well-equipped labs in presence of full time **well-qualified faculty from IIT and NIT background.** Major focus of teaching learning process is on education with application of IT based latest software tools in design and execution of small to large and complex Civil Engineering problems/projects.

The department has an excellent industrial interaction and contributes to the industry by offering consultancy services. Active participation of industries in teaching learning process is ensured through industrial visits and guest/expert lectures.



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Career Opportunities after B. Tech. in Civil Engineering

A Civil Engineering graduate has broad employment prospects in the following segments:

- Government/Public Sectors
- Private Sectors
- Self-Employment

A Civil Engineering Graduate can pursue professional career as

- Structural Engineer
- Rural & Urban Transport Engineer
- Geotechnical Engineer
- Environmental Engineer
- Water Resource Engineer
- Survey & Geomatics Engineer
- Quantity & Estimating Engineer
- Quality Control Engineer
- Consulting Civil Engineer
- Sustainability Consultant
- Construction Site Engineer

Salient Features of Civil Engineering at KIET Group of Institutions Ghaziabad

- Learning from well-qualified and specialized faculty members.
- Enhanced knowledge matching with industrial needs.
- Participation of industries in teaching learning process through industrial visits and guest/expert lectures.
- Additional skills classes in cutting-edge technologies of Civil Engineering.
- Student employability program to enhance opportunities for employment.
- Compulsory soft skill & aptitude building training as integral part of program.
- Modern laboratories with latest equipment/Software.
- Smart classrooms using state of art ICT based facilities.

These are some of the points, which explain how and why Civil Engineering sector has become the base for overall development and growth of our country. All you need to learn and train yourselves to make the most out of it with the right kind of education and skills at **Department of Civil Engineering, KIET Group of Institutions, Delhi – NCR, Ghaziabad.**

Please Contact, for further query:

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Head

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