

DEPARTMENT OF CIVIL ENGINEERING





28K+

Brilliant Students

52

Acre Campus

20+

Years of Legacy

300+

Awards

850+

Companies
onboard

ABOUT THE UNIVERSITY

The Galgotias University, Uttar Pradesh, (sponsored by/founded under/set up with the aid of) Smt. Shakuntala Educational and Welfare Society is established by the State of Uttar Pradesh under Section 2(f) of the UGC Act, 1956 vide The Galgotias University Uttar Pradesh Act, 14 of 2011.



In UP



In India

(Emerging Engineering Colleges category)
by India Today- MDRA Survey 2023



MESSAGE FROM DEAN



Dr. Deepak Kumar Soni

HOD

Department of Civil Engineering

It is my great pleasure to welcome you to the Department of Civil Engineering at Galgotias University. Grounded in our commitment to world class engineering education and interdisciplinary research, we offer a rich educational experience that marries intellectual rigor and cross-disciplinary breadth in student-centered environment. The department offers four undergraduate, three postgraduate and doctoral degree programs. The undergraduate program is B. Tech in Civil Engineering, B.Tech specializations in Smart Cities, Environmental and Pollution Control and Construction Technology. The postgraduate programs are M. Tech in Structural Engineering, Energy & Environmental Engineering and Transportation engineering.

The department is proud to have excellent faculty with exemplary qualifications and accomplishments, and with many years of industrial exposure. Our faculties are engaged in cutting-edge research projects and build immersive & hands-on learning environments that stretch beyond traditional classroom models. Our students take advantage of these classroom opportunities to for collaborative learning to explore core engineering theories & principles, and to propose fresh ideas for solving real-world problems. Students also benefit from innovative curricula and a teamwork approach of the department facilitating project based learning.

Our students get state-of-the-art, hands-on engineering experience in well-equipped, modern facilities. Co-operative education is an integral part of our undergraduate programs. Students learn to put theory into practice and complement academic work with on-the-job knowledge. Faculty and corporate partners help students to take advantage of these opportunities through many companies and projects available here in the Nation Capital Region and abroad. The faculties of members of Department of Civil Engineering have maintained its long-standing reputation for academic and research, both nationally and internationally. Committed to excellent teaching and innovation, the faculty inspire students to translate the knowledge acquired to get real-life solutions.

I encourage you to explore our website and the pertinent information on all programs offerings. Join us at Galgotias, as we continue to contribute to the innovation and technological achievements that characterizes our spirit.

Dr. Deepak Kumar Soni

HOD

Department of Civil Engineering

VISION & MISSION

Vision

To be a Centre of Excellence for imparting high-end research and technical education in Civil Engineering producing socially aware professionals to provide sustainable solutions to global community.



Mission

To impart quality education and mould technically sound, ethically responsible professionals in the field of Civil Engineering.

Collaborate with industry and society to design a curriculum based on the changing needs of stakeholders and provide excellence in delivery and assessment.

Establish state-of-the-art facilities for world class education and research.

To mentor students in pursuit of higher education, entrepreneurship and global professionalism.

USPs

- 147 Rank (In Engineering) in NIRF.
- Student Startups.
- **4 MOU** with the industries for various training, placement and internship activities
- Established two **Industry Sponsored Lab** which include the **support of IGIS software** and the Lab equipment for the Transportation Engineering (With Electric vehicle Support)
- **87% CAMPUS Placement** remaining **23% is placed in Gov. Jobs and Higher education 100% internship support** to all UG students in reputed Government and Non-Government organizations.
- Contemporary Specializations such as smart cities, Environment and Pollution Control and Construction Technology are offered in the B. tech Civil Engineering Programs
- **Started B. Tech. Civil Engineering** with various specializations such as
 - **Smart Cities**
 - **Environment and Pollution Control**
 - **Construction Technology**
- Credit Transfer policy implemented to integrate NPTEL courses or Paid Industry Internship.

PROGRAMS OFFERED

Under Graduate Programs

B.Tech (Hons) in Civil Engineering (Smart City) | 4 Years

About the program

B.Tech in Civil Engineering with a specialization in Smart Cities is a 4-year undergraduate program that aims to educate and train students in the planning, designing, construction, and management of sustainable and smart cities. The program is designed to provide students with a thorough understanding of the latest technology, tools, and techniques required to develop smart cities. The curriculum includes courses on the Internet of Things (IoT), Big Data Analytics, Artificial Intelligence (AI), and Machine Learning (ML), which are all critical to the development of smart cities.

Eligibility

Minimum 50% marks in Physics, Chemistry & Mathematics (PCM) in Class XIIth

For Lateral Entry:- Passed Diploma examination with at least 50% marks in any branch of Engineering and Technology.

Or

Passed B.Sc. Degree from a recognized University with at least 50% marks and passed 10+2 examination with Mathematics as a subject.

For Migration from Other Universities:

- 1) B.E./B.Tech 1st year minimum 50% marks or equivalent
- 2) 50% PCM or above at XII level.

B.Tech in Civil Engineering | 4 Years

About the program

The department of Civil Engineering aims to provide outstanding engineering education directed at enriching the quality of life. Civil Engineering is the segment of the engineering profession that provides the basic engineering needs of the developing nation. The course curriculum includes the study of all the basic engineering sciences as well as professional courses using the latest equipment and design software. A Civil Engineer is concerned with the creation of constructed facilities. The activity involves planning, analysis, design, construction, and maintenance of a variety of structures such as buildings, highways, railways, waterways, airports, canals, dams, dock and harbors.

Eligibility

Minimum 50% marks in Physics, Chemistry & Mathematics (PCM) in Class XIIth

For Lateral Entry:- Passed Diploma examination with at least 50% marks in any branch of Engineering and Technology.

Or

Passed B.Sc. Degree from a recognized University with at least 50% marks and passed 10+2 examination with Mathematics as a subject.

For Migration from Other Universities:

- 1) B.E./B.Tech 1st year minimum 50% marks or equivalent
- 2) 50% PCM or above at XII level.

Post Graduate Programs

M.Tech in Transportation Engineering- Weekend | 3 Years

Eligibility

B.E/B.Tech with minimum 50% marks or equivalent in CGPA in relevant discipline

M.Tech in Transportation Engineering | 2 Years

About the program

The master's degree program in Transportation Engineering trains the students for senior positions in core industry, consultancy, government, non-profit organizations, and higher studies. The offered courses provide a skill set in topics such as pavement engineering, traffic engineering, transportation economics and planning, intelligent transportation systems, traffic systems operations, Airport planning and design and analysis of transportation systems. Students also get hands-on experience on various industry relevant software such as MXROADS, FAARFIELD, IITPAVE, VISSIM, etc. as well as the design codes of Indian Roads Congress.

Eligibility

B.E/B.Tech with minimum 50% marks or equivalent in CGPA in relevant discipline

M.Tech in Structural Engineering | 2 Years

About the program

M.Tech in Structural Engineering is a two-year postgraduate program that focuses on advanced topics in structural engineering. This program aims to provide in-depth knowledge and skills required for designing, analysing, and maintaining safe and sustainable structures like buildings, bridges, and tunnels. Apart from theoretical knowledge, the program also emphasizes practical skills and hands-on experience through laboratory sessions, site visits, and workshops. The students are required to work on real-world projects and use software tools like SAP2000, ETABS, and STAAD Pro to design and analyse structures. These practical sessions help students to develop skills that are essential for their careers in the industry.

Eligibility

B.E/B.Tech with minimum 50% marks or equivalent in CGPA in relevant discipline

MEMBERSHIP OF PROFESSIONAL SOCIETIES



Indian Concrete
Institute (ICI)



American Society of Civil
Engineers (ASCE)

Flexible Academic Model

- Choice-Based Credit System (CBCS)
- Fast track options for fast learners
- Track wise elective options for the students as per their interest
- Minor courses offered with additional 18 credits
- Project base learning (PBL)
- Hands-on Training (Site visit)
- NPTEL Credit Transfer

Value added courses in earthquake resistant design, AutoCAD, GIS Applications etc.

Alumni pursuing Higher Studies in the following reputed Institutions overseas and in India

OVERSEAS

MBA, University of Hertfordshire, UNITED KINGDOM

MBA, Durham College, CANADA

Master in Management, EADA BUSINESS SCHOOL, SPAIN

MS, Leibniz Universität Hannover, GERMANY

MS, Lambton College In Toronto, CANADA

MS, Technical University of Munich, Germany

INDIA

MBA, IIT Bombay

M.Tech (Geotechnical Engineering), MNNIT Allahabad

M.Tech (Transportation Engineering), K. K. University, Nalanda

M.Tech (Geotechnical Engineering), IIT Guwahati

Post Graduation, NICMAR, Haryana

Research Awards

Dr. Rajan's award, ICTIEE 2019 at Hyderabad

Dr. Deepak K. Soni

Younger research faculty Award of Dr. Rajan of Arizona State University, involvement in IUCEE | 2019

Research and Innovation Awards 2019

Mr Jagan J

Award has been given to faculty who have significant achievements and are making contributions towards research and innovation. | 2020

Memorandum of Understanding

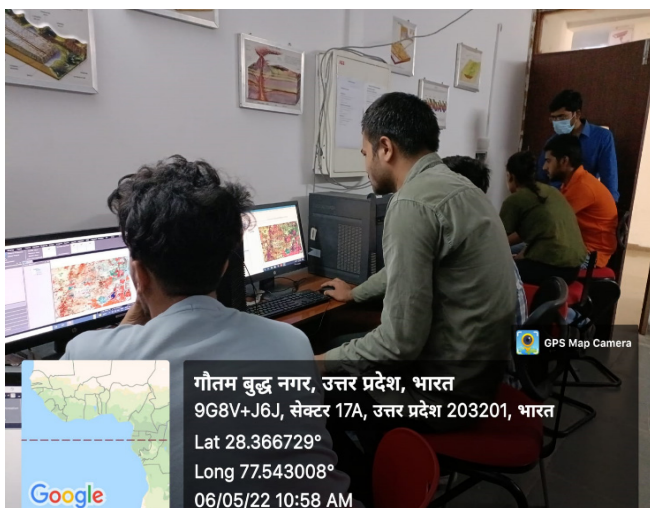


Industry Sponsored Lab

**C-013A**

INDUSTRY SPONSORED LAB
(GEO-INFORMATICS AND ENGINEERING DESIGN)
BY
SCAN POINT GEOMATICS LIMITED (SGL)
AHMEDABAD, GUJARAT
DEPARTMENT OF CIVIL ENGINEERING

15 IGiS Software and Mobile Support application Available in Geo-Informatics and Engineering Design Laboratory in the Department of Civil Engineering



PLACEMENTS

Some of the reputed companies where our students are placed are

- Almatate Infotech Pvt. Ltd, Noida
 - Ark InfraTech, Lucknow
 - BYJU's
 - Capgemini
 - Cengrs geotechnica Pvt. Ltd
 - Cognizant Garima Behl
 - Cognizant Technology Solutions
 - Congent InfoTech, Noida
 - Design Solutions, Kanpur
 - Extramarks Education India Pvt Ltd.
 - Gaur City, Greater Noida
 - Goel Construction, Rajasthan
 - Hella Infra.market
 - Indrapastha Engineering College, Ghaziabad
 - Infosys Ltd
 - Intercontinental Consultants and Technocrats Pvt. Ltd., New Delhi
 - L & T , meerut
 - Marco -Enterprises
 - MSPARK Futuristics
 - Prism RMC
 - Rostfrei Steels Private Limited
 - S&B Engineers and Constructors
 - Tata Consultancy Services Limited
 - Ultratech Cement
 - UPPCL, TG2, Kanpur
 - Wig brothers C&C Pvt Ltd, Meerut
 - Wipro

Student Startups

Gokul Enterprises

Yipee F0otware Ovt. Ltd

S & S structure Design Association

QuillDB

Awadh Educational Group

Roy Construction

Mishra Construction, motihari

Atal Enterprises, Jhansi



Internships

Our students intern at the following companies

- A.S. CONSTRUCTIONS U.P
- A7 ARCHITECTS GURUGRAM
- AAYUSH CONSTRUCTIONS PVT. LTD.
- ADECCO INDIA PVT. LTD.
- CERTIFICATE OF TRAINING AUTOCAD
- CPWD MAHENDRAGARH HARIDWAR
- CPWD NEW DELHI
- DELHI GREENS
- HOME HEART CONSTRUCTIONS PVT. LTD.
- HSVP FARIDABAD
- KAMATI SANJIB CONSTRUCTIONS CONSULTANCY PVT. LTD.
- LE LOGIX CAD TRAINING CENTER GR. NOIDA
- NBCC INDIA LIMITED
- NCC LIMITED PATNA
- NIDHI CONSTRUCTIONS COMPANY JHARKHAND
- OFFICE OF EXECUTIVE ENGINEER IRRIGATION DIVISION
- OFFICE OF MUNICIPAL CORP. BHARATPUR
- PWD GOVT. OF DELHI
- R.S PLASTER DECORATION WORK NEW DELHI
- RAMACIVIL INDIA ACONS. PVT. LTD. GHAZIABAD
- RSCPL-SKC-ABIPL J.V
- RURAL WORK DEPARTMENT HILSA
- RURAL WORK DEPARTMENT LUCKNOW
- RURAL WORK DEPARTMENT PRATAPGARH
- SYSTRA MIVA CONSULTING INDIA PRIVATE LIMITED
- TAHIR INVESTMENT NIGERIA LIMITED KANO
- TOPLINE INFRA PVT. LTD.
- UTTAR PRADESH RURAL ENGINEERING DEPT.
- YOUTH BROTHER CIVIL CONS. AND SUPPLIERS PVT. LTD.

RESEARCH LABORATORIES

Environmental Engineering Lab

Geotechnical Engineering Lab

Industry sponsored Lab

Structural Engineering Lab

Surveying Practices Lab

Transportation Engineering Lab



Industry Site Visits



Curricular and Extracurricular Activities



Lab Galleries



Lab Galleries



CONTACT INFORMATION

Address and location

Plot No.2, Sector 17-A Yamuna Expressway,
Greater Noida, Gautam Buddh Nagar, Uttar
Pradesh, India

Opposite Buddh International Circuit.

Contact details for admission inquiries

For National Admissions

Call Centre: 0120-4370000 , +91 9582847072

+91 9810162221

Email : admissions@galgotiasuniversity.edu.in

For International Admissions

NRI / Foreign Nationals only: +91 120-4806884

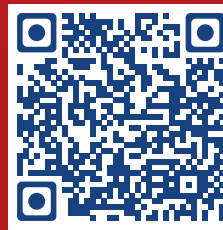
+91 7838141101

Email: international.office@galgotiasuniversity.edu.in

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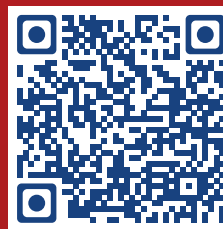
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