



ACES CLUB



Galgotias college of
Engineering &
Technology,
Greater Noida



NEWSLETTER

2020-2021

VOLUME 8

DEPARTMENT OF CIVIL ENGINEERING

TECHNICAL EVENTS-

- Webinar
- Workshop
- Quiz

NON TECHNICAL EVENTS-

- Plantation Drive
- Quiz
- Poster Making
Competition



Vision of Institute

To be a leading educational institution recognized for excellence in engineering education and research producing globally competent and socially responsible technocrats.

Mission of Institute

- IM1: To provide state -of -art infrastructural facilities that support achieving academic excellence.
- IM2: To provide a work environment that is conducive for professional growth of faculty and staff.
- IM3: To collaborate with industry for achieving excellence in research, consultancy and entrepreneurship development.

Vision of Civil Engineering Department

To be a center of excellence for practical oriented education in Civil Engineering.

Mission of Civil Engineering Department

- DM1:** To impart excellent engineering education and produce competent professionals capable to analyse, design and supervise construction of Civil Engineering structures for societal and environmental needs.
- DM2:** To provide global avenues to the students and faculty to enhance their professional careers.
- DM3:** To collaborate with the industries to ensure efficient project management and entrepreneurship development.

Program Educational Objectives (PEOs)

Civil Engineering Graduates will be able to:

- PEO1:** Acquire knowledge and expertise in analysis, design and construction of Civil Engineering structures with cost economics, structural safety, functional aesthetics and harmony conducive to the environment.
- PEO2:** Ensure right engineering attitude for professional Civil Engineering roles and enhance competency in work culture and higher education.
- PEO3:** Inculcate an attitude for lifelong learning to become ethical civil engineers and imbibe a sense of responsible citizen to serve the society and the nation

Program Outcomes (POs)

Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Program Specific Outcomes (PSOs) Program

Civil Engineering Graduates will be able to:

PSO 1. Plan and design for construction of civil engineering systems to meet the changing needs of the society within realistic constraints of economy and environment with thrust on social and ethical issues to ensure construction management, safety, quality and sustainability.

PSO 2. Design for construction of hydraulics structures, multistoried buildings and industrial structures, roads, railways, bridges, water supply and sewage treatment plants using various principles of civil engineering.

Civil Department

Civil Engineering is one of the oldest fields of engineering that deals with the planning, construction, and maintenance of fixed structures, or public works, which are related to earth, water, or civilization and their processes of development. Majority of projects like power plants, bridges, roads, railways, structures, water supply, irrigation, the natural environment, sewer, flood control, transportation and traffic are dealt by Civil Engineering. Galgotia's Civil Engineering Department is involved in education and research programs covering a spectrum of activities in Civil Engineering.

ACES Club

The Association of Civil Engineering Students was founded by Mr. Aman Yadav with fellow students in 2017. The ACES Club was established for the students to strengthen Civil Engineering skills in them and to serve as a training ground to enhance their personal growth through social, career and academic-oriented activities and on-field knowledge practices. The working approach of ACES is very lucid. It basically re-groups the persons, with different ideologies, who have travelled a common path of civil engineering. Here in the club, members go through regular discussion over several topics, putting forward the ideas, comparing among each other and then concluding the best one for the students.

Our dedicated team strives to make difference every passing second and works relentlessly for the refinement of the meaning of Civil Engineering, brainstorming and coming up with the innovative ideas for the students.

We constantly organize insightful events, some of which are:

Industrial Visit

Quiz and Technical Events

Guest Lectures & Seminars

Civil Department Annual Fest : SANRACHANA

Teacher's Day, Engineer's Day and other celebrations

Message from HOD



Dr. Rishav Garg
Professor,
HEAD, Department of CE, GCET.

It gives me immense pleasure to lead the Department of Civil Engineering. The department was established in the year 2007 to cater the ever increasing demand of civil engineers in industry and academia and has served all concerned to their fullest expectations. The students are groomed to be thorough professionals with blend of up-to-date technical knowledge and field experience gained during internship. Various courses like Advanced Foundation Engineering, GIS and Remote Sensing, Industrial Pollution Control and Audit, to name a few, have been included as a part of curriculum to keep pace with the emerging fields. The framework of the programme provides ample opportunities to the students to train themselves as researcher, thinker, job-seeker, entrepreneur, or innovator based on their passion. Highly successful alumni are our certificate of excellence. They are placed as officers through IES examination, specification consultant, structural engineer, executive planner etc. Every year around more than 40% of our undergraduate students qualify and pursue higher education from premiere institutes of India like IITs, NITs and several renowned universities. We at GCET strongly believe to provide ample opportunity to the students to get global exposure in the field of civil engineering. The value based education drives our students to be competent and creative leaders of tomorrow.

Committee Members



Dr. Rishav Garg
Chief Editor
Professor and Head
Department of CE, GCET.



Ms. R. Niveda
Editor
Assistant Professor,
Department of CE,
GCET.



Dr. Meenu Kalra
Editor
Assistant Professor,
Department of CE,
GCET.



Mr. Omkeshwar Rai
Student-Editor
Department of CE,
GCET.

POSTER MAKING COMPETITION



GALGOTIAS COLLEGE OF ENGINEERING AND TECHNOLOGY, GREATER NOIDA

ACES
Association of Civil Engineering students
Presents
Poster Making Competition

18 Oct 2021
Venue- MS Team
2:30 Onwards

Certificate will be Provided to all Participants
Cash Price will be awarded to winner

Registration Contact
Aman- 6392047502
Ramakant- 9680618186
Registration link
<https://forms.gle/iC6jKiMZ2nCESQT18>

@aces.gcet f aces.gcet aces.gcet

ACES Club (Association of Civil Engineering Students) has organized Poster Making Competition on the topic “DIWALI” on 18th October 2021 in online mode. A poster is a very useful mean to synthesize information visually as well as to demonstrate. The function of a poster is to capture a moving audience with message.

Many students participated in this event and certificates were provided to all the participants and best one was rewarded with cash money. The Poster made by the winner was also uploaded on our Instagram and Facebook page.

PLANTATION DRIVE

“If you cut a tree, you kill a life. If you save a tree, you save a life. If you plant a tree, you plant a life”. Trees make the environment cleaner and provide us with oxygen. So, our departmental students of ACES Club (Association of Civil Engineering Students) organized Plantation Drive on 27th October 2021, at 4:00 p.m. Our respected H.O.D sir and all respected faculties planted trees in our college campus.



GALGOTIAS COLLEGE OF ENGINEERING AND TECHNOLOGY

ACES
Association of Civil Engineering Students
Presents
PLANTATION DRIVE

च्छायामन्यस्य कुर्वन्ति तिष्ठन्ति स्वयमातपे ।
फलान्यापि परार्थाय वृक्षाः सत्पुरुषाः इव ॥

27 Oct 2021
4:00 PM Onwards

contact
Aryan-9653095885

@aces.gcet f aces.gcet aces.gcet

AUTOCAD TRAINING PROGRAM

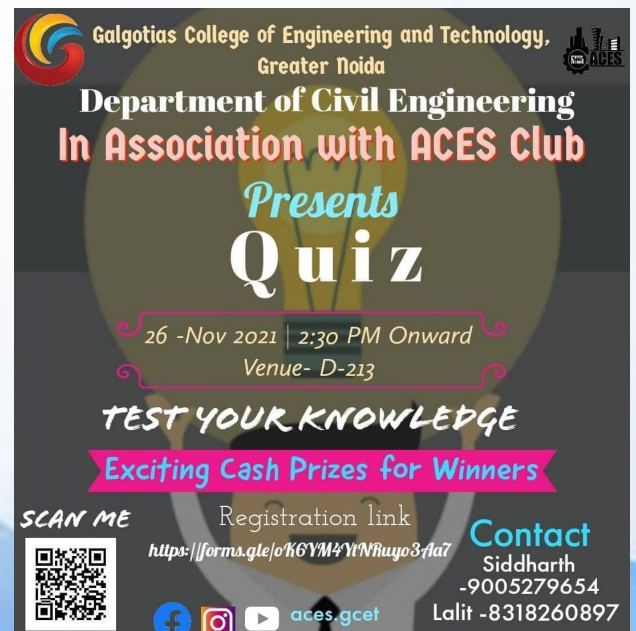
ACES Club (Association of Civil Engineering Students) organized Auto Cad Training Program on 23rd November 2021, at 4:00 p.m. In this training program participant students learnt about the basics of Auto Cad and also got useful knowledge about Auto Cad. Our Department Faculties along with the Faculties of Mechanical Department were also present. After the Orientation Session we started the training program in online mode on Ms Teams. Student learned and enjoyed a lot.



Galgotias College of Engineering and Technology,
 Greater Noida
 Department of Civil Engineering
 In Association with ACES Club
 Present
Autocad
TRAINING PROGRAM
 23-Nov 2021 | 4:00 PM Onward
 And Classes every weekend
 SCAN ME
 Registration link
<https://forms.gle/17odne3MFPayEh4x5>
 Contact
 Aman- 6392047502
 Piyush- 9717147076



QUIZ COMPETITION

In this world no one is perfect, but one can be determined enough to strive to be perfect." The ACES Club and Civil Engineering department organized "QUIZ" event on 26th November 2021. Theme of this event was master piece to acquire the knowledge on General Knowledge and Current Affairs. Many participants participated in the competition among which the winner was awarded with a cash prize and certificate by our HOD sir.




Galgotias College of Engineering and Technology,
 Greater Noida
 Department of Civil Engineering
 In Association with ACES Club
 Presents
Quiz
 26 -Nov 2021 | 2:30 PM Onward
 Venue- D-213
 TEST YOUR KNOWLEDGE
 Exciting Cash Prizes for Winners
 SCAN ME
 Registration link
<https://forms.gle/oK6YM4YNR8uyo37a7>
 Contact
 Siddharth
 -9005279654
 Lalit -8318260897


NEW TRENDS & INNOVATION IN MODERN CONCRETE TECHNOLOGY

 Galgotias College of Engineering & Technology 
 Department of Civil Engineering In Association with ACES Club
 Presents
GUEST LECTURE
 ON
NEW TRENDS & INNOVATIONS IN MODERN CONCRETE TECHNOLOGY

Speaker






Mr. Sanjay Mehrotra,
Sr. Vice president
(Marketing, Business)



Mr. Nirmalendukar Gupta,
DGM(QC) Zonal Head North
India

Venue
Seminar hall, A block
03/12/2021
11:00 Am




[aces.gcet](https://www.aces.gcet.ac.in)

Our department invited Mr. Sanjay Mehrotra, Sr. Vice President (Marketing and Business) and Mr. Nirmalendukar Gupta, DGM(QC) Zonal Head North India associate for the workshop on “**New Trends & Innovations in Modern Concrete Technology**” for the students. The purpose of this workshop was to share the knowledge of new innovations in modern concrete technology with students. The new modern concrete technology information shared with the student was very knowledgeable and useful for building construction. Concrete is very important construction material used extensively in buildings, bridges, roads and dams. **The session was conducted on 03rd Dec 2021 from 11:00am to 1:00pm.**

MOTIVATIONAL SPEECH OF ESE EXPERT

 Galgotias College of Engineering and Technology 
 Department of Civil Engineering
 in association with ACES Club
 Presents
Motivational Speech of ESE Expert

Speaker



Er. Prince,
Assistant Executive Engineer, BRO

Venue: Auditorium, D Block
Date: 15 Dec, 2021 Time: 11:00 A.M




[aces.gcet](https://www.aces.gcet.ac.in)

Our department invited Er. Prince, Assistant Executive Engineer, BRO (Border Road Organisation), to give the “**Motivational Speech**” to the students. The purpose of this speech was to share the knowledge of Engineering services examination with students. Intellectual property right plays a key role in gaining advantage position to promote economic growth of our nation. **The session was conducted on 15th Dec 2021 at 11:00 a.m.**

SPORTS TRIAL

Galgotia College Of Engineering
And Technology, Greater Noida

Department Of Civil Engineering
**IN ASSOCIATION OF
ACES CLUB**
Presents
Sports Trails
CRICKET, TABLE TENNIS,
VOLLEYBALL, BADMINTON

Thursday 25 November,
3:20 pm onwards, GCET
sports ground

Contact-
Mayank:- 78607 57023
Arpit: 88745 43880
Ayush:-95480 05881

Faculty Incharge
**Mr. Raj Vikram
Singh Sir**

aces.gcet

Apart from seminars and technical events our club never stopped and our department was very much interested in the co-curricular activities, Sports was one of them. **Apart from gaining knowledge, physical health and fitness is a major concern.** ACES Club organized Sports Trial which included cricket, table tennis, volleyball and badminton under the guidance of our sports faculty in charge **Mr. Raj Vikram Sir on 25th of November at 3:20 P.M. at sports ground.**









ASSOCIATION OF CIVIL ENGINEERING STUDENTS

Visit us at:

MAIL:-ACES.GCET1234@GMAIL.COM

INSTAGRAM: ACES.GCET

FACEBOOK: ASSOCIATION OF CIVIL
ENGINEERING STUDENTS –GCET

YOUTUBE– ACES_GCET

Association Of Civil Engineering Students club is dedicated to provide a platform for the students of civil engineering of all semesters to showcase their talents. The club also encourages the students to participate in different activities by organizing cultural and technical activities round the year. The club also conducts seminars and guest lectures. The club was refounded by Mr. Aman Yadav & Mr. Anupam Ojha in 2017.



The Club

