

ACES CLUB



Galgotias college of
Engineering &
Technology,
Greater Noida

NEWSLETTER

2020-2021

VOLUME 7

Department Of Civil Engineering

GUEST LECTURES

- Guest Lecture– concrete mix proportioning
- Guest lecture– stress management
- Guest lecture– Energy efficiency in building

Events-

- Extempore Competition
- Panel Discussion

ANNUAL FEST

- SANRACHNA'21



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 centre 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 industry 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 I T 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, multi-storied buildings and industrial structures, roads, railways, bridges, water supply and sewage treatment plants using various principles of civil engineering.

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.

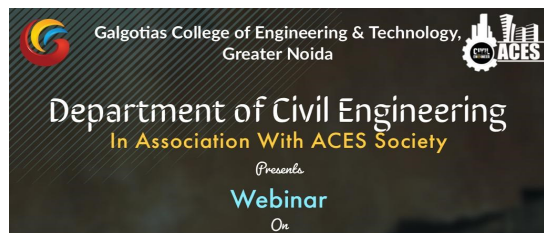


Mr. Kartikay Tomar
Student-Editor
Department of CE,
GCET.



Guest lecture

Concrete Mix Proportion



Galgotias College of Engineering & Technology,
Greater Noida

Department of Civil Engineering
In Association With ACES Society

Presents
Webinar
On

"Concrete Mix Proportion"



25 May 2021 | 11:10AM Onwards
On MS Teams

SPEAKER
Er. Barjinder Pal Singh
Deputy Manager, Technical Services
UltraTech Cement Ltd.

CHIEF PATRON
Dr. Brijesh Singh
Director, GCET

PATRON
Dr. Rishav Garg
Professor & Head, CE, GCET

CO-ORDINATOR
Ms. R. Niveda
Assistant Professor
Dr. Meenu Kalra
Associate Professor

Registration
No Registration Fee
~Registration Link~
<https://bit.ly/2S7Snwb>

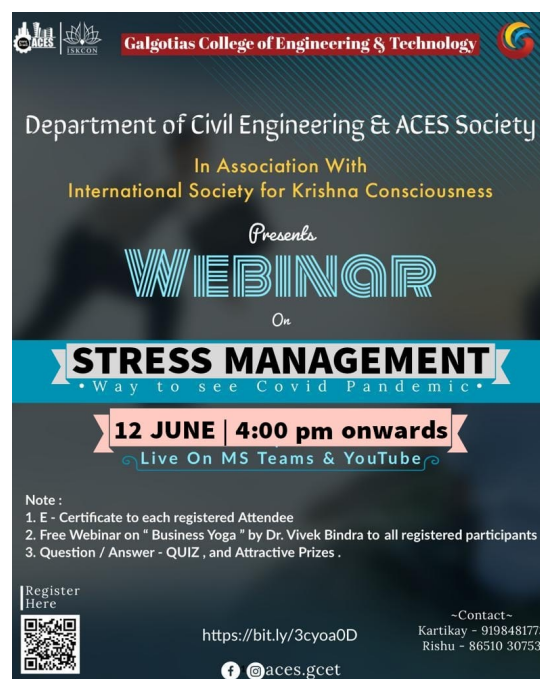
~Contact~
Rishu - 86510 30753

On may 25th 2021 , the ACES organized the webinar on **Concrete Mix Proportion**. During the webinar, attendees shared their opinions, thoughts and suggestions for consideration during the upcoming situation.

The guest for this webinar was **Er. Barjinder Pal Singh** who is Deputy Manager, Technical Services Ultratech Cement. Our speaker shared many good points and knowledge related to topic like Concrete proportion, IS code and specifications, different grades of concrete testing and many more points along with onsite experience. At the end of the session there is QNA session in which students and faculty shared their doubts with speaker and he cleared all the doubts. It was helped many students to gaining knowledge about concrete mix design.

Stress Management

We all experience stress in our lives. Because the vast majority of health problems are caused or influenced by stress, it's important to understand how stress affects your body and learn effective stress management techniques to make stress work for you rather than against you. Stress management is essential for good physical health, and it's especially important right now as our world addresses the pandemic. In our Department of civil Engineering and ACES Club Organized Webinar on "**Stress Management**" by **Mr. Atual Krishna Dass**, General Manager, ISKCON, Greater Noida. He Shared Knowledge about how to overcome from the stress, way to escape from the stress and importance of stress management. Its was very informative session. At end of the session students shared his doubts and he clear all the doubts.



Galgotias College of Engineering & Technology

Department of Civil Engineering & ACES Society
In Association With
International Society for Krishna Consciousness

Presents
WEBINAR
On

STRESS MANAGEMENT
• Way to see Covid Pandemic •

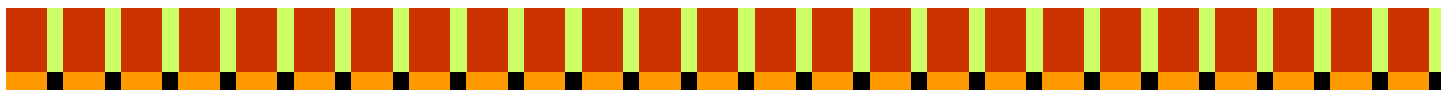
12 JUNE | 4:00 pm onwards
Live On MS Teams & YouTube

Note:
1. E - Certificate to each registered Attendee
2. Free Webinar on " Business Yoga " by Dr. Vivek Bindra to all registered participants
3. Question / Answer - QUIZ , and Attractive Prizes .

Register Here
QR Code

~Contact~
Kartikay - 9198481773
Rishu - 86510 30753

<https://bit.ly/3cyoa0D>
@aces.gcet



Energy Efficiency In Buildings -

GALGOTIAS COLLEGE OF ENGINEERING & TECHNOLOGY
GREATER NOIDA

DEPARTMENT OF CIVIL ENGINEERING
IN ASSOCIATION WITH ACES SOCIETY

PRESENTS
WEBINAR

ON
ENERGY EFFICIENCY IN BUILDING

23 JUN 2021 | 12:00 PM ONWARDS

SPEAKER
Money Khanna
BEE Certified ECBS Master
Trainer

E-CERTIFICATE FOR ALL PARTICIPANTS
NO REGISTRATION FEES

Registration QR Code | Registration Link: <https://bit.ly/38GVNjv> | Contact: Omkeshwar 9415888325

The aces group of the civil department organized a webinar at the Galgotias College on 23 June, 2021 related to the topic Energy Efficiency In Building. The webinar was for the students related to all the civil branches and more than 200 students attended the webinar with full zeal and interest.

The webinar started with the introduction of the topic, its importance and meaning. The topic has the most important aspect attributing to the work and the field.

Mr. Money Khanna, ECBC Master Trainer, Project Engineer, Punjab Energy Development Agency was the speaker. He spoke about the importance and the necessity of energy efficiency in building in the important field of civil engineering. He insisted that heavy amounts and risks are involved in civil constructions which need to be perfect. This perfection can only be achieved by energy efficiency.

The event started at sharp 12:00 PM and lasted for 2 hours. The participants had full leverage to clear their doubts and to develop ideas related to the topic. Following a structured process of brainstorming and questions.



Extempore Competition

On April 25th, The Department of Civil Engineering in Association with ACES Society Conducted Extempore Competition. The Competition was open to all the department students. It was conducted through online platform Ms Teams and approximately 28 people were participated. During the competition we gave topic randomly and express their views on the topic given to them. The judges were Dr. Suryabhan and Dr. Sundesh Sangwan and the Chief Guest were Dr. Rishav Garg, Dr. Meenu Karla and Ms. R. Niveda . The Winners declared are Ishika Goel placed first, Ayush Sharma placed second and Mirnalini Chauhan placed third.

Civil ACES

Department of Civil Engineering

In Association with ACES Society

Presents

Extempore Competition

*25 April 3 PM Onwards
on Ms Teams*

Certificates for winner

Contact
Ayush 9548005881
Nikhil 8840740395

  aces.gcet



Panel Discussion




GALGOTIAS COLLEGE OF ENGINEERING & TECHNOLOGY
 GREATER NOIDA



DEPARTMENT OF CIVIL
 ENGINEERING

IN ASSOCIATION WITH ACES SOCIETY

presents

PANEL DISCUSSION

ON

**IS THIS MODERNISATION
 AFFECTING OUR INDIAN CULTURE**

23 may 2021 2:30 onwards

platform - MS TEAM



Registration are free
 seats are limited



Registration link
<https://bit.ly/3fu0tYc>

Contact

Arpit - 85450 62051
 Avinash - 94546 13110




ACES.GCET

The ACES club of civil engineering dept organized “**Panel Discussion**” on the topic “**Is the modernization is affecting our Indian culture**”. Panelists are club heads and member of student council. The event was attended by students of all branches and it was conducted through online platform MS Team. Each panel members were got 5 min to present their views over the topic and after that they had questioning session between panel member and audience. During panel discussion many points related to old tradition were raised by panelists to support their views. Overall, it was a very informative session and provided a mutual understanding over the topic.



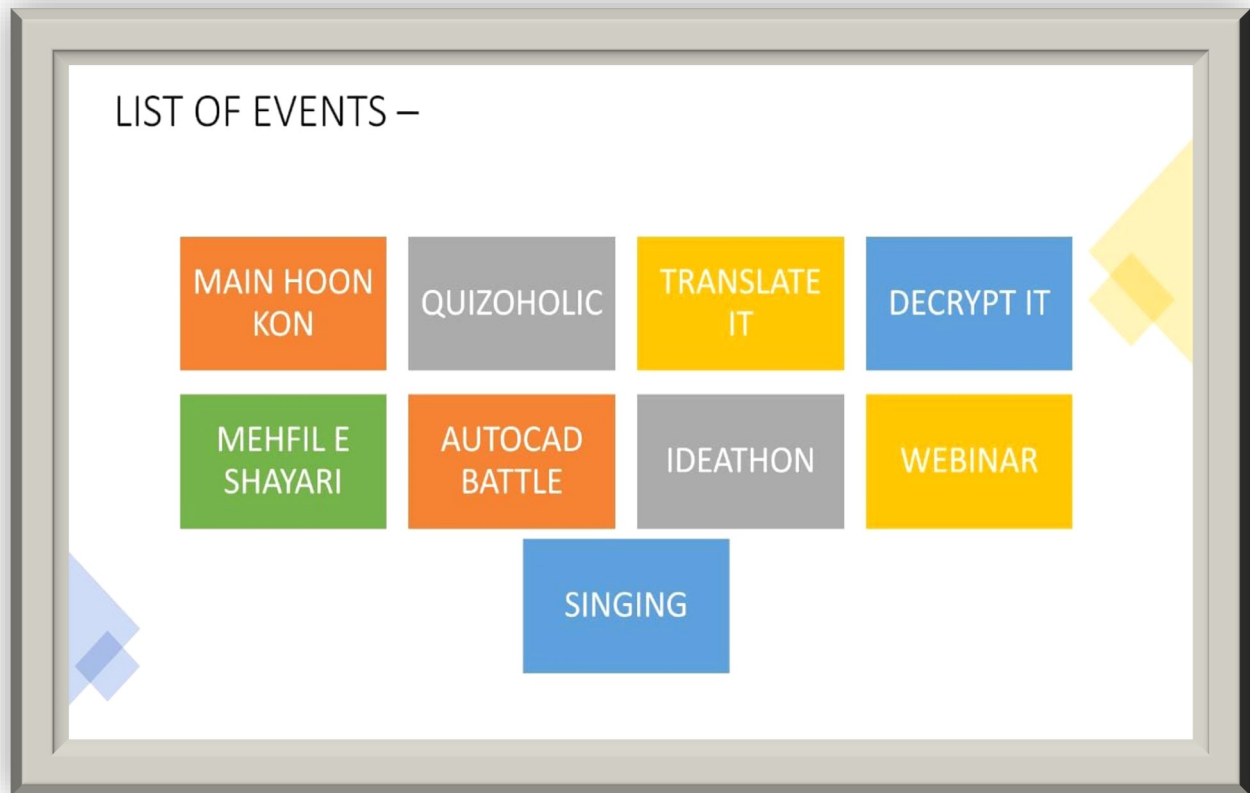
SANRACHNA'21

For Every year Civil Engineering department organized an inter-college technical and cultural festival. It has Various domains, like Technical, Cultural, Decor, Gaming, Editorial et., After the events, prizes and certificates were distributed to the winners. In this year we conducting event like AutoCAD battle, Ideathon, Quizoholic, Translate it, Decrypt it, Mehfil- e-shayari, Main-hoon-kon and Singing competition. All the events are conducted through On-line using MS Team platform on 11-12 June 2021.



The poster for Sanrachna'21 Events is a vibrant, multi-colored graphic. At the top left, it features the logo for ACES (Civil Engineering Department) and a stylized cityscape. The central text reads "Sanrachna'21" in large, bold, pink and white letters, with "EVENTS" written below it in green. The background is a collage of technical drawings, a bridge, and a person's face. At the bottom, it lists the events: "AUTOCAD BATTLE", "QUIZOHILIC", "MEHFIL-E-SHAYARI", and "DECRYPT IT", followed by "AND MANY MORE". A QR code is provided for registration, with the text "REGISTER HERE" and "SCAN ME" below it. The dates "JUNE | 11 | 12" are prominently displayed in green. On the right side, it says "LIVE ON MS TEAMS & YOUTUBE". At the bottom, there are social media icons for Facebook, Instagram, and YouTube, all with the handle "aces.gcet".



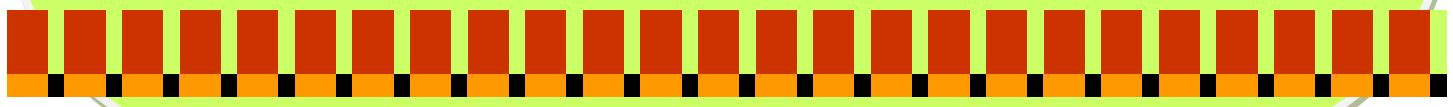


Many Technical and Cultural programs were organized in this two day festival. Utsav gave people some laughing moments during the pandemic, while Technical Competitions forced people to use their brain power.

This Festival was started with a program like Mehfil-e-Shayari, in which the program was successfully completed with the presence of all the teachers and the participation of all the people. Apart from this, many technical program like ideathon, quizaholic, AutoCAD battle were organized and various fun events like Main Hoon Koun, Decrypt It, Translate it, Singing Contest were also organized.



PHOTO GALLERY





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 2018 .



The Club

