



ACES CLUB



Galgotias college of
Engineering &
Technology,
Greater Noida



NEWSLETTER

2020-2021

VOLUME 6

DEPARTMENT OF CIVIL ENGINEERING

TECHNICAL EVENTS-

- Webinar
- Workshop
- Quiz

NON TECHNICAL EVENTS-

- Teachers Day celebra-
tion
- Quiz
- Debate



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-the-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 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 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, multi-storied 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.



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

CONSTRUCTION PRACTICES AND FUTURISTIC

APPROACH

Galgotias College of engineering and technology

DEPARTMENT OF CIVIL ENGINEERING

IN ASSOCIATION WITH ACES SOCIETY PRESENTS

LIVE WEBINAR ON CONSTRUCTION PRACTICE AND FUTURISTIC APPROACH

31ST JULY 2020 | 6:00 PM THROUGH JIO MEET

SPEAKER
Mr. Raj Kumar
Sr. Architect

Registration link
[HTTPS://BIT.LV/3HJZIJJ](https://bit.ly/3HJZIJJ)

Jio meet link
[HTTPS://BIT.LV/2CX2BYX](https://bit.ly/2CX2BYX)

Dr. Brijesh Singh
Director, GCET

Dr. Meenu Kalra
HOD civil department

Ms R.Niveda
Coordinator

Contact-
Rishu- 86510 30753
Tushar-96511 64041

Our Department with the collaboration of ACES Club has organized a WEBINAR on “CONSTRUCTION PRACTICE AND FUTURISTIC APPROACH” by Mr. RAJKUMAR Sr. Architect. Our Speaker Mr. Rajkumar shared his great knowledge and his experience on the construction practices. Our students got to know more about many concepts and terms like WorkFlow, Differential Materials used during the project, Techniques used during construction.

In last some of the Futuristic Projects going on about some materials like Wood, RCC, Steel, MUD so on. In Material Section students will know about the basic idea. Attendees also come to know about the foundations like Pile Foundation, Friction Pile, END Bearing etc., Also briefing the projects like SKY CITY, Rotating City and about XSEED 4000 City. He stated clearly about how the world is moving towards more sustainable and green construction practice in our day to day life.

WEBINAR - RECALL TO ANCIENT INDIA

Being one of the oldest civilizations in the world, complete with a rich history and culture as well as a strong and long scientific and technological tradition, it comes as no surprise that many significant inventions have come out of India Well, over the years India has produced some of the world's best mathematicians, engineers and scientists who have made remarkable discoveries and inventions. This Webinar is about the great Indian invention done in Indian history our Department and ACES Club Students organized this webinar on "GLORIOUS INVENTION IN INDIAN HISTORY-A RECALL TO ANCIENT INDIA" by Dr. Parveen Berwal, Associate Professor, GCET.

Department of Civil Engineering in association with ACES Club

Presents Webinar on

GLORIOUS INVENTION IN INDIAN HISTORY-A RECALL TO ANCIENT INDIA



ORGANIZING COMMITTEE
CHIEF PATRON:
DR. BRIJESH SINGH
DIRECTOR, GCET

PATRON:
DR. MEENU KALRA
HEAD, CIVIL DEPT. GCET

ORGANISER:
MR. S.K. PARMAR
MRS. R. NIVEDA

COORDINATOR:
MR. ARUN KUMAR
MRS. NIVEDA

RESOURCE PERSON
DR. PRAVEEN BERWAL
M.D (PANCHGAYA THERAPY),
DIP. (AYURVEDA), EXPERT IN
MAGNET THERAPY,
ASSOCIATE PROFESSOR,
DEPT. OF CIVIL ENGINEERING
GCET

REGISTRATION LINK:
[HTTPS://FORMS.GLE/VQFFDGRQH0YABZVE7](https://forms.gle/VQFFDGRQH0YABZVE7)

FREE REGISTRATION TO ALL
ALL PARTICIPANTS WILL GET E-CERTIFICATE

**SEPTEMBER 12, 2020 / 5 PM
THROUGH: GOOGLE MEET**

SUSTAINABLE CONSTRUCTION PRACTICES

The construction industry has been found to cause damaging effects to the environment. This damage has led to experts and environmentalists calling for a sustainable way of carrying out construction practice. The department of civil engineering and ACES club organized an international webinar on sustainable construction practice. We invited three speakers for this international webinar: Dr. Rajesh Goyal, Professor and Dean, NICMAR Delhi; Mr. Aman Deep, Chartered engineer and Expert member of BIS Committee; and Mr. Md. Moizuddin, Structural Engineer in Traid Oman Consultants International.

Galgotias College of Engineering & Technology, Greater Noida
Department of Civil Engineering
 In Association With ACES Society
 Presents
International Webinar
 On
Sustainable Construction Practices
4 Dec | 12PM Onwards

SPEAKERS

- Mr. Aman Deep**
Chartered Engineer, Expert member of BIS Committee
- Dr. Rajesh Goyal**
Professor & Dean, NICMAR, Delhi
- Mr. Md. Moizuddin**
Structural Engineer, Traid Oman Consultants International.

CHIEF PATRON
Dr. Brijesh Singh, Director, GCET

CO-ORDINATOR
Mr. S.K. Parmar, DY. HOD, CE, GCET
Dr. Meenu Kalra, Asst. Professor, CE, GCET

PATRON
Dr. Rishav Garg, Professor & HOD, CE, GCET
Ms. R. Niveda, Asst. Professor, CE, GCET

Registration
 -Registration Link- <https://rb.gy/horoym>
 @aces.gcet

No Registration Fees
 e-certificates will be provided to all the participants on successful completion of webinar.
 ~Contact- Saurabh-9897638883

The whole webinar was divided into three sessions. Experts presented their views and shared various information and knowledge related to sustainable construction practice. Overall, it was a very knowledge-enriching session.

INNOVATIVE IPR & PATENT PROTECTION

Our Department invited Mrs. Renu Bala, Sr. patent associate for the workshop on "Innovation, IPR and Patent protection" for the faculty members and students. The purpose of the workshop is to share knowledge of patent and IPR with students. Intellectual property rights play a key role in gaining an advantageous position to promote economic growth of our nation. The session was conducted on 29 Dec 2020 from 3:20pm to 5:00 pm.

Galgotias College of Engineering & Technology, Greater Noida
Department of Civil Engineering
 In Association With ACES Society
 Presents
Workshop
 On
Innovation, IPR and Patent Protection
29 DEC | 3:20PM TO 5:00PM

SPEAKER
Ms. Renu Bala
 Sr. patent associate

CHIEF PATRON
Dr. Brijesh Singh, Director, GCET

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

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

No Registration Fees

Registration
 -Registration Link- <https://qrqo.page.link/a4vrX>
 @aces.gcet
 ~Contact- Rishu - 86510 30753

LATEST TECHNOLOGIES USED IN CIVIL DESIGN

ENGINEERING

Galgotias College of Engineering & Technology, Greater Noida

Department of Civil Engineering
In Association With ACES Society

Presents
Webinar
On
"Latest Technologies being used in Civil Design"

5 January 2021 | 3:40PM Onwards

SPEAKER
Mr. Naresh Bhagat
Director
LeLogix Design Solutions Pvt. Ltd.

CHIEF PATRON
Dr. Brijesh Singh
Director, GCET

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

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

No Registration Fees

Registration
-Registration Link-
<https://bit.ly/38PH1AA>
-Contact-
Rishu - 86510 30753

@aces.gcet

Technology is impacting the construction industry like never before from cloud based collaboration and the development of various CAD software to digitally design model these cutting edge technologies in construction. Which are drastically changing how the industry operates and how future projects will be performed. So, as to make students more awareness about latest technology that are being used in civil design. Our department and ACES club organized a webinar **"LATEST TECHNOLOGIES BEING USED IN CIVIL DESIGN"** by Mr. Naresh Bhagat ,Director, LeLogix Design Solutions Pvt. Ltd.,

During this session speaker gave knowledge about various design software's like AUTOCAD and REVIT and their application in field

QUALITY IN HOME CONSTRUCTION

TATA STEEL
WeAlsoMakeTomorrow

TATA TISCON
JOY OF BUILDING
20 YEARS

Galgotias College of Engineering and Technology

BLOCK YOUR DATE

TISCON eDISCOVERY
A Webinar Series to Inspire India's Best Engineers and Architects

Attend the first webinar this year.

Saturday, 23rd January 2021
Time: 5:00 to 6:00 pm IST
Speaker: Prof. Sudhir Misra, IIT Kanpur
Topic: 'Quality in Home Construction'
Don't miss our first webinar in Hindi language.

REGISTER NOW
Or, email eDISCOVERY@tatatisccon.co.in for any queries.

#BuildersOfTheNation

The term Quality in construction means that a project is completed within the defined guidelines set out in the Scope of Work. This webinar serves as a set of guardrails for the project based on the owner’s expectations, and sheds light on how to execute the project in a way that meets these standards. Our Department of Civil Engineering has conducted webinar on **"Quality in Home Construction"** by Professor Sudhir Misra, IIT Kanpur and collaboration with TATA Tiscon. Our valued speaker has delivered his thoughts and experience about the Quality measures in constructing the home.

QUIZ TRAP




 Association of Civil Engineering Students
 Presents
QUIZ TRAP
 On
 Famous Construction Project
 5sep | 12pm Onwards
 On MS Teams
 Certificate for all participants
 Come along and test your knowledge

Registration

 Prize Pool-450₹
 1st- 200₹
 2nd- 150₹
 3rd- 100₹

Registration Link:-
<https://bit.ly/34Oioq5>
 Contact
 Saif - 8874851441
 Rishu - 86510 30753

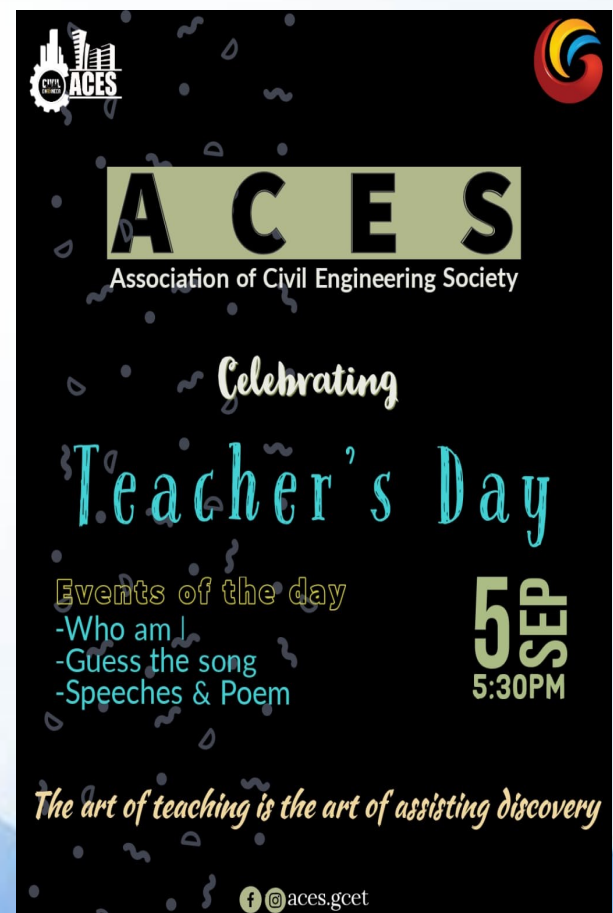




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"In this world no one is perfect, but one can be determined enough to strive to be perfect." The Association of ACES Club and Civil Engineering department organized an event "QUIZTRAP" dated on 05 Sep 2020. Theme of this event is master piece to acquire the knowledge on Construction Project.

TEACHER'S DAY CELEBRATION

Department of Civil Engineering, Galgotias College of Engineering and Technology in association with ACES Club organized a Event of Teacher day Celebration. The Teacher, who is in reality astute does not offer you to go in the place of his knowledge but instead leads you to the edge of your brain. In India, we celebrate this day on the birthday of Dr. Sarvepalli Radhakrishnan. During that celebration our 3rd year student Tushar Gupta and Sweta Kumari presented poem for our beloved teachers.





ACES
 Association of Civil Engineering Society

Celebrating
Teacher's Day

Events of the day
 -Who am I
 -Guess the song
 -Speeches & Poem

5 SEP
 5:30PM

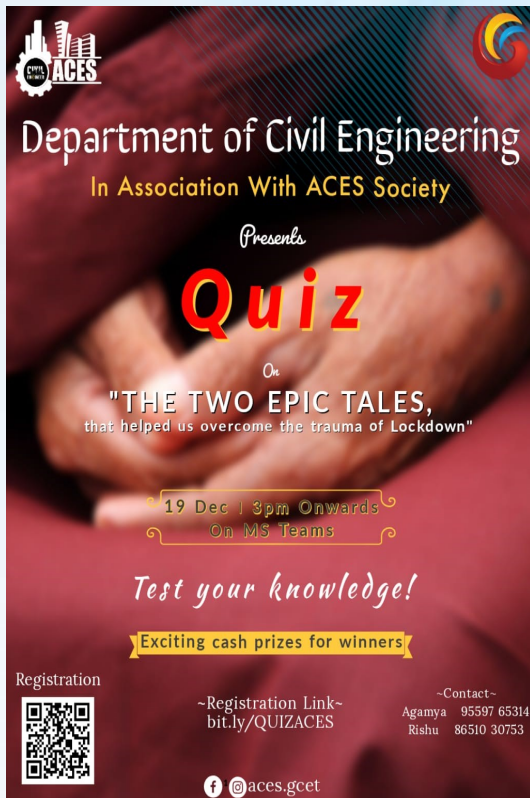
The art of teaching is the art of assisting discovery



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QUIZ- TWO EPIC TALES

ACES Club has organized a Quiz on “**The Two Epic Tales**”. Break apart the hamster wheel and challenge yourself with twisted questions in an event that is bound to test the limits of your skills. As a pandemic of problems from an age bygone and from the new horizon prepare to unravel the foundation of systems you hold so dear, stay sharp: you are armed with nothing but your presence of mind, knowledge and wisdom.

The Topic of this Quiz is - “**THE TWO EPIC TALES**”, that helped us overcome the trauma of Lockdown” Mahabharata, Ramayana both presents the teachings of ancient sages in narrative allegory, interspersing philosophical and ethical elements.





Mahabharata, Ramayana both presents the teachings of ancient sages in narrative allegory, interspersing philosophical and ethical elements.

Many teams took part in quiz from all years and best one was rewarded with cash money

It is a very knowledge enriching session to the all the participants.



DEBATE





Department of Civil Engineering
 In Association With ACES Society
 Presents
DEBATE
 On
 The house believes that "Today, Social and Digital Mass
 media have become only a medium of promoting
 misinterpreted information"

31 Oct | 4pm Onwards
 On MS Teams



Come along and express your views

Exciting cash prizes for winners

Registration


~Registration Link~
<https://bit.ly/34u0bfo>

~Contact~
 Kartikay - 9198481773
 Rishu - 86510 30753

  @aces.gcet

In a debate, opposing arguments are put forward to argue for opposing viewpoints. Debate occurs in public meetings, academic institutions, and legislative assemblies. It is a formal type of discussion, often with a moderator and an audience, in addition to the debate participants. In our department students of ACES club organizing debate event on **“Today, social and digital mass media have become only a medium of promoting Misinterpreted information”** through Online on 31 October 2020.



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

