

DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY GANGURU, VIJAYAWADA-521 139

Department of Civil Engineering

Event Name: Technical Paper Presentation

20 December 2019

Guidelines:

- Maximum members should not be more than 2.
- 8 Minutes maximum will be given to present PPT.
- Number of slides should not be more than 20.
- Presentation will be observed by external resource person and the best is selected by the same.

Last Date: on or before 18.12.2019.

Event Name: Tech Trix (Technical Exhibition)

20 December 2019

Guidelines:

- A student can produce a completely designed & implemented project with minimum of 2 members and maximum of 4 members per batch.
- One must arrange their own requirements for project & display it. (Only power supply is provided)
- If the project is software based one then the members should bring their own arrangements (Such as Software, Laptop) and display it.

Event Name: Theme Ballet (Poster Presentation)

20 & 21 December 2019

Poster Guidelines and Criteria:

The overall criteria is how well the idea and accomplishments of the team are communicated. More specific things to look for are as follows:

- Respective team should present the poster and also be able to answer in-depth questions
- An ideal poster should have a balance of text, diagrammatic figures and data figures
- All the figures should be well-labeled and the text should be understandable.

- Use appropriate color, font changes, etc.
- Each student should prepare to describe and discuss his or her exhibit, tailored specifically to make the work understandable to a non-expert audience.
- Description should be clear and concise, and should include the major points presented on the poster.
- Presentation must not exceed 10 minutes; judges will be instructed to observe this time limit.
- Registration compulsory and spot Registration also available.

Winners will be selected depending upon the presentation and performance.

Event Name: Technical Quiz

20 December 2019

Preliminary exam:

- All the participants have to write the written test collectively.
- This round contains 30 questions based on engineering, aptitude & reasoning. Participants will get only 15 min; each question contains 4 options and NO negative marks.
- The candidates who qualified in the written test will be promoted to the next round.
- Rearrangement of promoted candidates into teams based on strength.

Round 01: level-1

Each team will get 5 questions. Time limit 1 min per question.

Each question carries 10 marks. If one team not answered, that question will pass to next team.

Passed question carries 5 marks. A wrong answer carries -5 marks.

Round 02: level-2

Each team will get 5 questions. Time limit 1 min per question. Each question carries 10 marks.

If one team not answered, that question will pass to next team. Passed question carries 5 marks. A wrong answer carries -5 marks.

Round 03: level-3

Each team will get 6 questions. Time limit 1.5 mins per question.

Each question carries 20 marks. A wrong answer carries -5 marks.

Note:

- I. Each and every round there will be elimination.
- II. The toughness of the questions will increase level by level.
- III. If any tie occurs then **Rapid fire round** will be conducted.

Event Name: Tech Thought (Best Innovative Ideas)

21 December 2019

Use civil engineering to *save* the world (not just us, *everything*). This could be climate change related and include use of new, more sustainable materials, or materials that change the Earth's albedo and help keep the temperature down. **Transport schemes** (think mag lev, vacuum tube or hyperloop "trains") that use **new technologies** to yield faster, safer travel and transport at a lower cost, including a lower cost of externalities. Use civil engineering to **feed** the world (not just us, everything), Integrate **irrigation** with sanitation, power generation and habitat

Event Name: Spot Model Making

21 December 2019

“If I create from heart, nearly everything works; if from head, almost nothing.”

The essence of being an Engineer does not lie in the ability to fill the gaps in existing technology; it lies instead in the art of original thinking, in creating new avenues as yet unexplored. It is this spark of inspiration that converts an idea, through the aid of science to a plan on paper and later to reality. So It is not only about how you think but also how you convert your ideas live in a working Model. Model Making Event is a simple design-and-build event that calls out to every IMAGINEER. It tests the creativity, imagination and Technical skills of participants.

Instructions:

- This is a spot modelling event.
- Registration for this event will be available on the day of symposium only.
- Topic will be give on the spot only.

Event Name: CADD Expertise

21 December 2019

Are you a techie in the field of civil engineering? This event would be just right to showcase your talents. If you like working with computers and stuff, even though you are in a field where the actual work lies outside, then this is your destination. Unveil your expertise in AutoCAD by proving yourself in the areas of drafting and more! Innovate and enthrall us with your ability.

RULES:

- It is an individual event.
- You have to finish the problem statement in the stipulated time. Any entries submitted after the allotted will not be considered for evaluation.
- Cross college teams are allowed.
- On – spot registrations are allowed.

ROUND 1:

- Candidate should attend for aptitude test to know their basic knowledge in AutoCAD.
- Shortlisted candidates will be eligible for Round 2.

ROUND 2:

- Candidate will be given dimensions of the plan to be designed.
- Candidates who presents best plan within provided time limit.