

INNOVANCE 2019

INTER COLLEGE COMPETITION

RULEBOOK

(RULES AND REGULATIONS)

5TH APRIL, 2019

LKCE, Cantt Road, Jalandhar-144001 Punjab.

0181-2350400, 2350403

Register Online at lkcengg.edu.in

SUMMARY OF EVENT GUIDELINES

General Guidelines

1. The student ID card is compulsory for every participant.
2. Multiple entries from same college are allowed.
3. Any accompanist(s) will be arranged by the participant(s).
4. Decision of the judges will be final and binding.
5. For any event related query, contact **Student Coordinators**

Technical Events

Techno Jam

This event will be conducted in 2 levels.

Level 1 – The participants will be given a technical cross word that is to be solved within a limited time frame. **Six** top participants will be shortlisted for the level 2.

Level 2 – The level 2 will be conducted in two rounds:

- a) The qualified participants will be shown a visual slide for 20 seconds and based on this slide his/her memorization skills will be adjudged.
- b) The qualified participants will be given on the spot technical topic (basic technology related topics). The participant has to speak using his/her technical knowledge and soft skills on the given topic for 2 minutes duration.

The final judgment will be based on the first round and quality of spoken content as well as his/her presentation skills in the second round of level 2.

HodgePodge - The Technical Collage Making competition

Do you see the world around you through a unique eye? Do you think the world around you can be described in a collage? If yes, then here is a competition for you. The focus of this event is on experimenting imaginatively with collage to both help generate ideas and to also produce some 'complete' works of art. A variety of collage techniques helps to enhance exploratory mind and imaginations. The emphasis is on experiencing collage as a tool for thinking, as a means for articulating form, as inspiration for transferring idea to their art practice and to encourage you to nurture new ideas. The event probes traditional and experimental methods that enable you to visualize your ideas.

ELIGIBILITY CRITERIA:

All students from Electronics and Electrical discipline shall be allowed to participate in the event.

RULES AND REGULATIONS

- Team shall consist of two members.
- Theme for collage shall be as follows:

- Communications (Radar, Mobile, Optical)
 - Embedded Applications
 - Robotics
 - GPS Applications
 - IOT
 - Nano Technology
 - VLSI Technology
- Time limit for collage making shall be 1½ hour.
 - Team must submit a one page write up on the theme of their collage, neatly written in A4 size paper, along with names of all participants and Institute.
 - No mobile or Internet means would be allowed to use at the time of Competition.
 - All kind of material to be used must be brought by the participants. Chart Paper(half the size of regular chart sheet and thick as a drawing sheet), Paper, Magazines, newspapers, Glue, Scissor, Sketch Pen/colours etc. to be brought by participants. However the tearing and pasting of all material to be done during the event. You may use your innovative ideas for the collage.
 - Team may get disqualified on exceeding the time limit or deviating from the theme or unsatisfactory explanation to jury.
 - Judge's decision shall be final and abiding.

Electro captious (Circuit fault finding)

RULES AND REGULATIONS

1. The first round will be a technical quiz based on electronic components and circuits.
2. Three students will be shortlisted for the next round.
3. In second round each of the shortlisted students will be given one project each which will not be in working condition.
4. The candidate who will be able to find the fault and bring the project in working condition in least time will be the winner.
5. No mobile or Internet means would be allowed to be use.
6. Soldering iron and multimeter will be provided by Institute.
7. Decision of judges shall be final and abiding.

Treasure hunt

RULES FOR EVENT

1. Only team participation is allowed.
2. Each team must contain only five members.
3. The participants should know how to use survey instruments.
4. Calculator FX82-ms can only be used in the field. Use of mobile phone or any electronic gadget etc, are strictly prohibited during the contest by any participator.
5. The starting point for each team will be different.
6. Survey instruments will be supplied from the department & the task must be completed within the given time.
7. A task will be given to each team and by using the survey instruments; the task has to be completed.
8. A team completing the given task in minimum time with maximum accuracy will be declared as the winner.

NOTE: The instruments to be handled very carefully. Fine will be imposed to the team in case of any type of damage to the instruments during the event.

Time Duration for Event

- Team completing the task in minimum time will be winner.
- Expected time duration for event: 45 minutes.

Bridge making

TEAM SPECIFICATIONS

1. Maximum 5 participants are allowed in team.
2. Load to be localized on the middle of the bridge using suspended pan.
3. Failure to satisfy any of criteria given below will lead to disqualification
4. Judges' decision will be final.

Criteria of structure (Bridge)

1. Time Period Provided:- Two hours.(2.0 hrs)
2. Maximum 150 sticks will be provided
3. Clear Span:- 35cm
4. Length should not be less than 40cm
5. No rubber-band should be used, only thread should be used with fevicol.
6. Making of Bridge should be explained technically by one of group member.

Winning Criteria

WEIGHT RATIO - TOTAL LOAD CARRYING CAPACITY OF STRUCTURE / SELF WEIGHT OF STRUCTURE.

Time Duration for Event

- Winner will be based upon the winning criteria.
- Expected time duration for the event: 2 hours.

CADD-O-Mania

Rules and procedures

Engineers who wish to go in the field of design and development of product should have a perspective where they are able to visualize common things a layman can't even think of. The first part of design methodology is figure out dimensions that must be found out. This competition going to held at LKCE (Technical Fest) is designed to seek such imaginative minds, problem solving minds.

Administration

The culture committee sponsors the competition and all revisions.

Contestants

To be eligible to participate, a competitor must be a student of mechanical engineering branch or civil engineering branch having a firm knowledge of Auto-CAD or Solid works in 3-D. Students entering engineering draughting competition may not enter any other competition scheduled at the same time of tech fest.

Competition Entry

Students who wish to participate must complete the appropriate entry form and submit it to the event coordinator.

- Visit the LKCE Tech Fest link.
- Complete and submit the entry form for this event.
- Competition venue will be B-209 computer graphics lab.

Rules

- Students will be given any live object for instance (a carburettor , wrist watch, water bottle et. Cetera)
- Vernier caliper will be provided to measure the dimensions of an object.
- Not more than two members in a team are allowed. Individual entry is also welcomed.
- After measuring the dimensions same components is to be draughted on computer screen using solid works or Auto CAD software.
- For Civil Engineering students various layouts of LKCE building, workshop et cetera dimension are to be measured and layout to be drawn using Auto-CAD software.

Judging

- The accuracy of dimensions is must.
- Type of method used for assembly of component.
- Drawing is to be judged by at least 2 Engineers.
- The execution of Commands used to draught the component.

Open to All Events

Project display

General rules and guidelines for competition.

- Each team can have maximum of 5 members.
- The competition is open to only undergraduate students including Diploma.
- Members should have a valid student ID card of their college/university.
- A team member can participate in only one project presentation.

Regulations for competition and display of Project

Student taking part in project exhibition event should follow certain rules regarding the event.

- The project for competition must be displayed and presented with a poster.
- The poster should contain a simple description about their project. The candidates can take help of following points to describe their project in the chart.
Points:
 - Introduction
 - Block diagram
 - Working principle.
 - Its advantage and disadvantages
 - Future Work
- Teams will be given a space to set up their model/design at the venue for exhibition and for judging.

Presentation

- Topics should be technical.
- One team should be comprised of maximum 2 participants.
- Speakers are allowed to speak only in English.
- Minimum time allowed will be five minutes and Maximum time will be seven minutes. At the Completion of six minutes, there will be a warning bell.
- Marks will be deducted if the speaker exceeds the time limits.
- Participants should bring their topics in pen drive.

Quiz

General Rules: -

1. Each team will have three members only. Otherwise the team will be disqualified.
2. Only one team is allowed from one college.
3. Only 6 teams will be selected for Buzzer Round.
4. 4 teams will be selected for Rapid Fire Round.
5. First three teams will get rewarded.

ROUND-1 (Rules for General Round)

- Each team will be asked 5 questions of 10 marks each. They will be given 30 seconds for each question.
- If the allotted team is unable to answer the question, then the question will pass on to the subsequent teams.
- Subsequent teams will be given 15 seconds to answer & will be awarded 5 marks for each correct answer.

ROUND-2 (Rules for Buzzer Round)

- There will be 8 questions in this round. Team pressing the buzzer first will be given the chance to answer.
- 10 marks will be awarded for each correct answer.
- Team will be given 30 seconds for each question.

ROUND-3 (Rules for – Rapid fire round)

- Each team will be asked to nominate a member from their team.
- Nominated member will be given 100 seconds for 10 questions in this round.
- 5 marks will be awarded for each correct answer.

LAN GAMING [BLUR (Racing Game)]

- Maximum No. of Participants will be 20 in a round.
- No. of Laps will be decided by Event coordinator on the spot.
- Every participant will play individually.
- Use of abusive language or argument will lead to disqualification.
- Decision of Event coordinator will be Final.
- Application of cheats and coders will lead to elimination.
- Every Participant will carry his/her own headphones (3.5 mm Jack).

CULTURAL EVENTS

Solo Dance

- Participants should bring their songs in pen drive.
- Vulgarity is not allowed.
- Props are allowed (Bring your own materials)
- Time allowed will be 6- 8 Minutes.
- One team comprising of one participant is allowed.
- Each College comprising only one team is allowed.

Group Dance

- One team comprising of 6-10 participants is allowed.
- Participants should bring their songs in pen drive.
- Vulgarity is not allowed.
- Props are allowed (Bring their own materials)
- Time allowed will be 8-10 minutes.
- Each College comprising only one team is allowed.

Solo Song

- a. There should not be any vulgarity or obscenity in actions, costumes or wordings.
- b. Group song event team may comprise of 2 to 8 participants
- c. Participants must bring instruments /instrumental music with self to perform (if any)
- d. Judgment shall focus on the voice quality, rhythm, selection of song, lyrics, confidence, and coordination.
- e. Time for Stage/Instruments Setting : Upto5 minutes
- f. Judgment will be based on the qualities like Voice, Swar, Taal, Composition and general impression etc
- g. Judges decision will be final.

Note:

- Performance should not be less than the minimum time duration and must not exceed the Maximum time duration.
- Grace Time for Group Events 30 Seconds.

Group Song

- Entry Per Institution : 01
- There should not be any vulgarity or obscenity in actions, costumes or wordings.
- Participants must bring instruments /instrumental music with self to perform (if any)
- Judgment shall focus on the voice quality, rhythm, selection of song, lyrics, confidence, and coordination.
- Time for Stage/Instruments Setting : Upto 5 minutes
- Judgment will be based on the qualities like Voice, Swar, Taal, Composition and general impression etc
- Judges decision will be final.

Note:

Performance should not be less than the minimum time duration and must not exceed the maximum time duration.

Grace Time for Solo Events 15 Seconds.

Creative Events

Cartooning

- Theme will be provided on the spot.
- Participants will bring their own material (pencils, rubbers, boards, colors etc.)
- Maximum time allowed will be two hour.
- Each College comprising only one team is allowed.
- One team comprising of one participant is allowed

Rangoli

- One team from the Institute comprising of two participants is allowed.
- There will be only one round of competition.
- Teams are required to bring their own material for rangoli.
- Time duration will be of 2 hours.
- Size: (2'x2') to (4'x4') 5% permissible variation
- The participants shall have to prepare a Rangoli within the space provided by the organizers.
- Topic theme will be given on the spot by the judges.

Poster Making Competition

- The theme for poster making will be given on the spot.
- There is a restriction for using any text/word in the poster.
- Competition will be followed by single level only.
- Judges decision will be the last decision.
- Only one entry per Institute will be considered
- The time duration for event will be of two hours.
- Every student must have to carry their own articles such as pencils, pens, sketch pen etc.

- Sheets will be provided by organizing committee at the time of event.

On the spot Photography

- Only those candidates who have registered themselves will be allowed to participate in the contest.
- Participants must have a professional camera and must submit images in JPEG format based on the theme which will be provided on the spot.
- Submitted photos must be original, taken by the contestant. It must not contain any materials owned or controlled by a third party for which you have not obtained a license, must not infringe the copyright, trademark, moral rights, rights of privacy/publicity or intellectual property rights of any person or entity.
- Editing used to create illusions, deceptions and/or manipulations, and the adding and removing of significant elements within the frame is prohibited.
- Photos that portray or otherwise include inappropriate and/or offensive content or any other contents deemed to be contrary to the law, religious, cultural & moral traditions and practices, are strictly prohibited and will be immediately discarded.
- The decision of judging panel will be final and binding on all Participants in respect to all matters relating to the contest.