



## **TECHGYAN - 2020**

(A National Level Technical Symposium)

Date : 18.02.2020, Tuesday

### **DEPARTMENT OF MECHANICAL ENGINEERING MARTIAL MEGA ' 2020**

#### **General Instructions:**

- ✓ All participants should bring their **college id card**.
- ✓ Anna University dress code must be followed. (T-shirts, Jeans Strictly not allowed)
- ✓ Each participant can register for at most 2 events in case of technical events and at most 1 event in case of non-technical event (We will not be held responsible for clashes in your schedule).
- ✓ **Judges decision will be final for all events.**
- ✓ All rules and regulations must be followed meticulously.
- ✓ Spot registration will be allowed till 9.30 AM
- ✓ Please switch off your mobiles while entering the college premises.

#### **RULES FOR EVENTS**

#### **1. PAPER NOVA (PAPER PRESENTATION):**

Team @ **Two** participants

Topics include but not limited to

1. Virtual engineering ( solution designs using AutoCAD pro-E , solid works software)
2. Eco friendly fuels
3. Emission control techniques
4. CAD/CAM/CIM
5. Alternate fuels
6. Future automobiles
7. Recent trends in manufacturing
8. Robotics and industrial automation

#### **Submission Guidelines**

- a. Submissions must include title, author's details, abstract, keywords and full paper should not exceed 6 pages including all tables and figures in the IEEE format
- b. Selected participants should bring 2 hard copies of their paper and softcopy of presentation in .ppt format.
- c. 7 minutes for presentation and 3 minutes for queries.**
- d. The paper in .pdf or .doc format should be mailed to [mech@sriramakrishna.ac.in](mailto:mech@sriramakrishna.ac.in)

Important Dates:

- e. Last date for paper Submission : On or before **Feb 14, 2020**
- f. Notification of paper acceptance : **Feb 15, 2020**

## 2. LOGO WHIZ (CONNECTION)

- ✓ A connection game is a type of abstract strategy game in which players attempt to complete a specific type of connection with their pieces.
- ✓ This could involve forming a path between two or more goals, completing a closed loop, or connecting all of one's pieces so they are adjacent to each other.
- ✓ Connection games typically have simple rules, but complex strategies.
- ✓ They have minimal components and may be played as board games, computer games, or even paper and pencil games.

### **RULES AND REGULATIONS:**

There will be 3 rounds and there must be 2 members per team.

- **Round 1:** It includes Pen-Paper Test and the participants are asked to predict the answer by connecting the clues given in the Question Papers.
- **Round 2(Eliminator):** In this round, one of the 2 participants has to act the clues accordingly as the other has to find it.
- **Finale:** In this round, clues will be displayed on the screen and the finalists have to be fast enough to find and tell the answer.
- In the finale, both Positive and Negative marks will be given for every Right and Wrong Answers respectively.

## 3. CADENZA (CAD MODELLING)

### **RULES AND REGULATIONS:**

One member can be participated in this event.

- **Prelims:** This round consists of puzzles, riddles and other interesting questions which are to be solved in 30 minutes.
- **Final:** Selected teams will have to hunt for the clues, within the campus, which they will find at each stop, to reach their final destination.

### **Event Description:**

CAD modeling is the process of creating computerized models of objects before they are manufactured. The participants will be asked to model an object displayed to them.

- ✓ Only Individual Participation is allowed
- ✓ Drawings will be given on the spot
- ✓ Systems will be provided
- ✓ Judging criteria will be based on time of completion, accuracy, shaping (colour) and dimensions.
- ✓ Juries Decision will be final.
- ✓ Participants should draft the models with any modeling software.