

# Thanthai Roever Institute of Polytechnic College

Elambalur- Perambalur-621220  
(Approved by AICTE, Affiliated to DOTE, Chennai)  
**Academic year 2019-20, Even Semester Events**

**10-09-2019**

Competitions on quiz, poster presentation and model presentation are going to conduct as per academic calendar on respective title shown on below table. All students are asked to make this opportunity to prove your talent. Certificate and price will be awarded to the winning teams only.

<b>2<sup>nd</sup> year, 4<sup>th</sup> semester</b>	<b>Quiz Competition Title</b>	<b>Poster Competition Title</b>	<b>Model competition Title</b>
Departments			
Dept of Basic Engineering	<b>GENERAL KNOWLEDGE</b>		<b>Perpetual motion</b>
Department of Civil Engineering	<b>CONSTRUCTION MATERIAL</b>	<b>GREEN BUILDING</b>	
Department of Mechanical Engineering	<b>MECHANICAL INSTRUMENTATION</b>	<b>LATHE OPERATIONS</b>	
Department of Automobile	<b>MOTOR VEHICLE ACT</b>	<b>FLYING CAR</b>	
Department of Electrical and Electronics Engineering	<b>DIRECT CURRENT MACHINES</b>	<b>SMART GRID</b>	
Department of Electronics and Communication Engineering	<b>SEMICONDUCTOR TECHNOLOGY</b>	<b>POWER SUPPLY</b>	
Department of Chemical Engineering	<b>BASICS OF HEAT TRANSFER</b>	<b>Multiple titles available in dept notice board</b>	

<b>3<sup>rd</sup> year, 6<sup>th</sup> semester</b>	<b>Quiz Competition Title</b>	<b>Poster Competition Title</b>	<b>Model competition Title</b>
Departments			
Department of Civil Engineering	<b>CONSTRUCTION TECHNOLOGY</b>	<b>GREEN BUILDING</b>	<b>Perpetual motion</b>
Department of Mechanical Engineering	<b>FLOW THROUGH PIPE LOSSES</b>	<b>LATHE OPERATIONS</b>	
Department of Automobile	<b>4 STROKE CI DIESEL ENGINE</b>	<b>FLYING CAR</b>	
Department of Electrical and Electronics Engineering	<b>POWER GENERATION</b>	<b>SMART GRID</b>	
Department of Electronics and Communication Engineering	<b>MICROCONTROLLER INTERFACING</b>	<b>POWER SUPPLY</b>	
Department of Chemical Engineering	<b>INDUSTRIAL CHEMISTRY</b>	<b>multiple titles available in dept notice board</b>	

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## General Rules for Quiz Competition

1. Students who should attend preliminary quiz available in college website are only eligible to appear and form a team.
2. Only team entries are eligible.
3. A team shall consist of max two persons
4. The decision of the quiz-master will be final and will not be subjected to any change.
5. The participants shall not be allowed to use mobile or other electronic instruments.
6. The questions shall be in the form of multiple choice, True / False statement, Specific-answer question etc.
7. Audience shall not give any hints or clues to the competitors.
8. Replacement of any participant of a team is not allowed after registration
9. Teams selected for the final rounds will be allowed to give themselves an appropriate name related to the competition by which they may want to be known.

## Quiz Competition Evaluation Form (மதிப்பீட்டு படிவம்)

Team Name	Students name	Round 1 (30 sec pass) (Max 10 marks)	Round 2 (Rapid Fire Round) (Max 20 marks)	Round 3 (Buzzer Round) (10 marks)	Round 4- (Audio-visual round) (10 marks)	Total marks (50)

## General Rules for Poster presentation competition

Paper size	Inches	Millimetres
A1	23.386 x 33.110	594 x 841
A2	16.535 x 23.386	420 x 594
A3	11.693 x 16.535	297 x 420

1. Choose any one poster paper size as shown on above table.
2. A team shall consist of max two persons.

## Poster presentation competition Evaluation Form (மதிப்பீட்டு படிவம்)

Team number	Students name	Clarity of content (5 marks)	Quality of content (5 marks)	Originality and complexity of poster (5 marks)	Significance of poster (5 marks)	Engaged with audience (5 marks)	Response to questions (5 marks)	Total marks (30)
		உள்ளடக்கத்தின் தெளிவு	உள்ளடக்கத்தின் தரம்	சுவரொட்டியின் அசல் மற்றும் சிக்கலான தன்மை	சுவரொட்டியின் முக்கியத்துவம்	பார்வையாளர்களுடன் ஈடுபாடு	கேள்விகளுக்கு பதில்	

## General Rules for Model competition

1. Model must be a Perpetual motion. It can be a single or multiple.
2. No Scale of the model.
3. Model must be made by students at home and brought on the day of the competition.
4. Model can be made from the following materials- (Thermocol, cardboard, mount board, balsa wood, or any other suitable material, etc.)
5. Team shall consist of not more than 3 members. There can be multiple teams for the same department.
6. There must be at least one concept of perpetual motion design feature which should be implemented in the model (either working or non working).
7. Results declared by the judges will be final.