

# SHREENIVASA POLYTECHNIC COLLEGE

STATE LEVEL TECHNICAL SYMPOSIUM FOR POLYTECHNIC COLLEGE STUDENTS

15<sup>th</sup> & 16<sup>th</sup> DECEMBER 2017

GALAXY CORONA 2K17

## PAPER PRESENTATION

TOPICS:

### MECHANICAL ENGINEERING

1. Automated Engineering Vehicles
2. Advanced Manufacturing Processes
3. Industrial Automation

### CIVIL ENGINEERING

1. Modern Construction Technologies
2. Ground Improvement Techniques
3. Special Concretes

### ELECTRICAL ENGINEERING

1. Five Phase Power
2. Novel Technologies in Power Transmission
3. Non-Conventional Energy Resources

### ELECTRONICS AND COMMUNICATION ENGINEERING

1. Robotics
2. Tele-Communication
3. VLSI design
4. Image Processing

### COMPUTER SCIENCE AND ENGINEERING

1. Big Data Analytics
2. Internet Security
3. Cloud Computing
4. Mobile Computing

## RULES FOR PAPER PRESENTATION

1. Each polytechnic can submit two papers from each department.
2. Softcopy of an abstract of the paper (not exceeding 200 words) should be submitted through Email.
3. Only **Online** registration is permitted.
4. Maximum of two persons can jointly present the paper.
5. Presentation time is 8 minutes per paper.

## **DEPARTMENT EVENTS:**

### **MECHANICAL ENGINEERING**

1. Quiz (2 members per team)
2. CAD Modelling (Individual)
3. Assemble it (2 members per team)

### **CIVIL ENGINEERING**

1. Quiz (2 members per team)
2. CAD Modelling (Individual)
3. Model building (2 members per team)

### **ELECTRICAL ENGINEERING**

1. Quiz (2 members per team)
2. Electrical circuit development using CAD (Individual)
3. Instant Engineer (2 members per team)

### **ELECTRONICS AND COMMUNICATION ENGINEERING**

1. Quiz (2 members per team)
2. Circuit simulation (Individual)
3. Circuit Debugging (3 members per team)

### **COMPUTER SCIENCE AND ENGINEERING**

1. Quiz (2 members per team)
2. Multimedia (2 members per team)
3. CODE Debugging (Individual)

### **CULTURAL EVENTS (Common to all Branches):**

1. Dance
2. Singing
3. Kavithai
4. Tamil Speech

### **RULES FOR DANCE COMPETITION:**

1. A college can send only 3 teams (either solo or group dance).
2. Maximum of 8 members can participate in a group.

### **RULES FOR SINGING COMPETITION:**

1. Maximum of 4 members can participate from a college.
2. Maximum five minutes per song.

### **RULES FOR SPEECH COMPETITION:**

1. Maximum of 3 members can participate from each college.
2. Duration of the speech is five minutes only.

### **RULES FOR KAVITHAI COMPETITION:**

1. Maximum of 3 members can participate from each college.
2. Duration: Five minutes only.