

## PROGRAM COORDINATOR

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**EJ** - MRS. RAMA RANJANKAR - 9867262244  
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## FACULTY COORDINATOR

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**ME** - MR. HARSHAL NEMADE - 7507818687

## STUDENT COORDINATOR

**CO** - SAHIL PARASHARE - 75060 34665  
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**EE** - KISHOR INGLE - 7738773202  
**CE** - JAY PATIL - 9224452308  
**ME** - ATHARVA MHATRE - 9307102225

## IMPORTANT DATES

### FOR TECHNICAL QUIZ :-

- Last date for Registration of Technical quiz 25<sup>th</sup> Jan. 2024

### FOR TECHNICAL PAPER PRESENTATION :-

- Last date for sending full length paper 23<sup>rd</sup> Jan. 2024
- Last date for Registration of Technical Paper Presentation 23<sup>rd</sup> Jan. 2024

## PROGRAM SCHEDULE

### DATE 27<sup>TH</sup> JAN. 2024

10.30 am	Registration
11.30 am	Inauguration & Breakfast
12.00 pm	Preliminary Rounds
1.30 pm	Lunch
2.30 pm	Semifinal 1
3.00 pm	Semifinal 2
3.30 pm	Semifinal 3
4.00 pm	Final
4.30 pm	Prize Distribution

## REGISTRATION FEES

The registration fees is ₹ 200 per student (Technical quiz / Technical Paper Presentation competition)  
This includes break-fast & lunch.

## GUIDELINES FOR TECHNICAL PAPER PRESENTATION AND QUIZ COMPETITION

- Each team must have **TWO** participants for technical quiz and technical paper presentation competition
- Contents of paper should be title of paper, name of authors, name of institute, abstract, contents, conclusion, references.
- Paper should be formatted as per IEEE format  
Title of paper-Times New Roman, 14 point, bold name of author-Times New Roman, 12 point, bold abstract- Times New Roman, 12 point, italic heading-12 point sub heading-12 point page setup-normal
- Time duration will be 7 min for presentation.
- Participant must fill registration form on <https://enrollonline.in/prp/pravinya/index.php> link. Bring hard copy of registration form on 27<sup>th</sup> January 2024 with Principal signature and stamp.
- All participants of technical paper presentation competition upload technical paper in pdf format on link <https://forms.gle/ECa4eZjgkFzxst5a6> till 23<sup>rd</sup> January 2024.
- Bring one hard copy of paper along with the soft copy in Pen Drive / CD at the time of presentation
- Technical quiz competition includes question from all the subjects of respective discipline
- All the participants will get participation certificate
- Student should bring their college I-Card on the day of competition.
- All the judges are from Industries and Reputed Institutes.
- Decision of the organization, expert team and judges shall be final.

Shree Shankar Narayan Education Trust's  
**PRAVIN PATIL COLLEGE**  
OF DIPLOMA ENGINEERING & TECHNOLOGY  
**REGISTRATION FORM**  
(Fill the following in CAPITAL LETTERS only.)

Name of Participants & Contact No.:

1) \_\_\_\_\_

2) \_\_\_\_\_

Tick Appropriate event:

☐ Technical Quiz

☐ Technical Paper Presentation

Title: \_\_\_\_\_

Year: \_\_\_\_\_

Department: \_\_\_\_\_

Group: \_\_\_\_\_

Name & Address of Institute: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\*Mobile: \_\_\_\_\_

\*Email: \_\_\_\_\_

Date: \_\_\_\_\_

Place: \_\_\_\_\_

Signature of Applicant      Seal & Signature of Principal

Note: Photo Copy of this form can also be used.



Shree Shankar Narayan Education Trust's  
**PRAVIN PATIL COLLEGE**  
OF DIPLOMA ENGINEERING & TECHNOLOGY  
(Affiliated to the M.S.B.T.E. Mumbai, Recognised by DTE  
(Govt. of Maharashtra) & Approved by A.I.C.T.E. New Delhi)

Organised

**Pravinya 2024**

State Level Technical Quiz &  
Technical Paper Presentation  
Competition



(Under ISTE Student  
Chapter - MH-267)

Supported by



MAHARASHTRA STATE BOARD OF  
TECHNICAL EDUCATION, MUMBAI

**ON 27<sup>TH</sup> JAN. 2024**

FOR :

- ♦ Computer Group
- ♦ Electronics & Telecommunication Group
- ♦ Civil Group
- ♦ Electrical Group
- ♦ Mechanical Group

Mahavidyalaya Marg, Navghar, Bhayandar (E), Thane

Tel : 28044871 / 28043288

info@prppolytechnic.com      www.prppolytechnic.com



## INTRODUCTION

"Necessity is the mother of invention" truly applies to the world of engineering, being technical institute it is our duty to keep the students updated about the demands of industry and enable them, to learn, to gain and to implement the subject knowledge in practical field.

## ABOUT US

On 19<sup>TH</sup> September 1994 the foundation for the first degree college in Bhayandar was laid down in the metropolitan area of the Mira-Bhayandar with the population of 8 lacs as there was a great need of a degree college. Considering this need Mr. Rohidas Shankar Patil Corporator Mira Bhayandar Municipal Corporation took an initiative decision to start a degree college in Bhayandar. Mr. Rohidas Patil who gained name and fame in social, educational and political field .when he noticed the inconvenience of the students in Mira Bhayandar. The trust started the Arts & Commerce college affiliated to University of Mumbai in the Year 1994-95 with the B.A & B.Com and the junior colleges from 1999-2000. With so much experience and success in the past years the management started the first polytechnic by the name "Pravin Patil College of Diploma Engineering & Technology" which has fulfilled a long felt need for higher technical education in this area. The Pravin Patil Polytechnic is affiliated to the Maharashtra State Board of Technical Education, Recognized by DTE Maharashtra State & approved by A.I.C.T.E New Delhi, provides Diploma Courses in Information Technology, Computer Engineering, Electronics & Tele-communication, Civil Engineering, Electrical Engineering and Mechanical Engineering.

The trust started degree Engineering college affiliated to University of Mumbai, Recognized by DTE & approved by A.I.C.T.E New Delhi in the year 2023-24 with courses Computer Engineering, Information Technology, Electronics And Biomedical Engineering, Civil Engineering And Planning, Electrical Engineering (Electronics And Power) and Mechanical And Automation Engineering.

## OUR FEATURES

- ◆ Excellent Polytechnic in Maharashtra State, awarded by National Maharashtra Education Summit and Awards 2016 Organised by CMAI association of India.
- ◆ Best Polytechnic college in Thane District, awarded by Prime Time Global Education Excellence Awards 2017.
- ◆ Certificate of Appreciation for Intership by AICTE and INTERNSHALA 2018.
- ◆ Outstanding Performance in virtual knowledge delivery during pandemic awarded by national educational excellence awards & conference 2021.
- ◆ Leading and must trusted diploma Engineering college of the year 2021 Maharashtra. awarded by national educational excellence awards & conference 2021.
- ◆ Online Admission Facilitation centre.
- ◆ World Class Infrastructure for technical Education.
- ◆ Placement in the Well known Industry.



### PRIZES

**FIRST PRIZE : ₹3000/- +  
TROPHY + CERTIFICATE**

**SECOND PRIZE : ₹ 2000/- +  
TROPHY + CERTIFICATE**

ALL PARTICIPANTS WILL GET PARTICIPATION CERTIFICATE.

## TOPICS FOR PAPER PRESENTATION

### COMPUTER GROUP

- AUGMENTED REALITY AND VIRTUAL REALITY
- DATA SCIENCE
- IOT AND ITS APPLICATIONS
- BLOCKCHAIN TECHNOLOGY
- EMERGING TRENDS IN COMPUTER ENGINEERING

### ELECTRONICS AND TELECOMMUNICATION GROUP

- APPLICATION OF AI IN BIOMEDICAL ENGINEERING
- MICROWAVE AND RADAR APPLICATIONS
- POWER ELECTRONICS IN RENEWABLE ENERGY
- INTERNET OF THINGS
- EMERGING TRENDS IN ELECTRONICS

### ELECTRICAL ENGINEERING GROUP

- HYDROGEN FUELED VEHICLES.
- SMART GRID.
- ELECTRICAL VEHICLES CHARGING INFRASTRUCTURE.
- RENEWABLE ENERGY.
- SCOPE OF PLC AND SCADA IN AUTOMATION.

### CIVIL ENGINEERING GROUP

- AR ,VR AND XR APPLICATION IN CIVIL ENGINEERING
- MAINTENANCE, REPAIR AND REHABILITATION OF STRUCTURE
- ARTIFICIAL INTELLIGENCE SYSTEM IN CONSTRUCTION
- INTELLIGENT TRANSPORTATION SYSTEM
- EMERGING TRENDS IN CIVIL ENGINEERING

### MECHANICAL ENGINEERING GROUP

- EMERGING TRENDS IN MANUFACTURING & MECHANICAL ENGINEERING.
- XR/AR/VR SOLUTION FOR PRODUCT DEVELOPMENT IN MECHANICAL SECTOR.
- APPLICATION OF ARTIFICIAL INTELLIGENCE IN MECHANICAL ENGINEERING.
- RECENT TRENDS IN AUTOMOBILE ENGINEERING.
- ROLE OF MECHANICAL ENGINEERS IN SPACE SECTOR.



## PATRONS

### SHRI. ROHIDASJI PATIL

CHAIRMAN,  
(SHREE SHANKAR NARAYAN EDUCATION TRUST)

### SHRI. MAHESHJI MHATRE

SECRETARY,  
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DIRECTOR - D. T. E., MAHARASHTRA, MUMBAI

### SHRI. PRAMOD A. NAIK

DIRECTOR - MSBTE, MUMBAI

### MRS. R. B. PATIL

PRINCIPAL