



2023

# STATE LEVEL TECHNICAL PAPER PRESENTATION WINGS 2023

25 FEBRUARY 2023

Group A:

CO,IF,EE,EXTC,AO

Group B:

CE,ME,AE

SHIVAJIRAO JONDHALE POLYTECHNIC ASANGAON 421602  
VIGHNAHARATA TRUST  
2/25/2023  
[WINGS2023@JONDHLEPOLY.ORG](mailto:WINGS2023@JONDHLEPOLY.ORG)



# Inaugural Ceremony





# WINGS- 2023

## ABOUT INSTITUTE

Our Institute, Shivajirao S. Jondhle Polytechnic, Asangaon is established in the year 2007. The available branches include Electronics & Telecommunication, Computer, Information Technology, Mechanical, Electrical, Automobile, Automation & Robotics and Civil. The institute is located 1 km from Asangaon Railway Station on western side of Mumbai-Nasik highway. The institute is approved by AICTE, New Delhi; Recognized by DTE, Government of Maharashtra and Affiliated to MSBTE, Mumbai

## VISION

To be leading technical institute to produce skilled, technically competent and intellectual students from rural-tribal area to serve industry and society



## LOCATION

Shivajirao S. Jondhle Polytechnic,  
Asangaon Opp. Railway Station,  
Asangaon. Thane- 421601

## CHEIF PATRONS

- Hon. Dr. Shivajirao S. Jondhle  
(President, Vighnahrata Trust)
- Hon. Dr. Abhay Wagh  
(Director, DTE, Maharashtra)
- Hon. Ms. Geeta  
(Secretary, Vighnahrata Trust)
- Hon. Dr. Vinod Mohitkar  
(Director, MSBTE, Mumbai)
- Hon. Dr. M. R. Chitlange  
(Secretary, Mumbai)

## ADVISORY COMMITTEE

- Mr. Parag Walinjar  
(Chairman, IETE Mumbai Center)
- Prof. Smita Lonkar  
(Hon. Treasurer, IETE Mumbai Center)

## CONVENER

- Dr. Sneha H Jondhle  
(Principal, SSJP, Asangaon)
- Mr. Sandesh Bhadane  
(Head of Mechanical Engg. Department)

## ORGANIZING COMMITTEE

- Mr. Milind Telavane --- +91 7350809111  
(Head of Civil Engg. Department)
- Mr. Kishor Farde --- +91 7709962042  
(Head of Automation & Robotics Dept.)
- Mrs. Gunwanti Patil ----- +91 9029848329  
(Head of EXTC Department)
- Mr. Shivaji Aher ----- +91 7045320550  
(Head of Automobile Engg Department)
- Ms. Shweta Chanchlani -- +91 90960 65836  
(Head of Information Tech. Department)
- Mrs. Rupali Firke --- +91 7219111236  
(Head of Department Electrical Engg.)

## SHIVAJIRAO S JONDHLE POLYTECHNIC, ASANGAON

organizes

## WINGS 2023

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## TOPICS FOR PAPER PRESENTATION GROUP A

- Block chain Technology
- Data Science
- Artificial intelligence and Machine Learning
- Big Data Storage
- Hadoop Technology
- Autonomic Computing
- New trends in electricity generation
- Electric Vehicle
- Tsunami early warning system
- Applications of Nanotechnology in Electronics
- Advanced Wireless Communications
- VLSI
- Robotic Process Automation.
- Embedded System

## GROUP B

- Emerging Trends in Manufacturing, Refrigeration & Air conditioning & Mechanical Engineering
- Recent Trends in Automobile Engineering
- Innovation in Renewable Energy
- Recent Trends in 3D Printing Technology
- Green Concrete
- Solid Waste Management
- Nanotechnology in Civil Engineering
- Advanced Earthquake Resistant Techniques
- Eco-Friendly Self-Curing Concrete
- Waterproofing of Roof With Discarded Tyre Rubber Crumb
- Design, progress and challenges of LI-ION batteries
- Three Phase Inverter with speed control for electric cars

## REGISTRATION FORM

Name of Participant 1: \_\_\_\_\_

Name of Participant 2: \_\_\_\_\_

Name of Participant 3: \_\_\_\_\_

Name of College: \_\_\_\_\_

Branch Name: \_\_\_\_\_

Student's Mobile Number: \_\_\_\_\_

Guide/ Teacher Name: \_\_\_\_\_

Teacher Mobile Number : \_\_\_\_\_

Paper Topic / Title : \_\_\_\_\_

COLLEGE  
SEAL

PRINCIPAL  
SIGNATURE

Registration Google Form:

<https://forms.gle/SxD5ND2hpsAqVTgx9>

Download Registration Form:  
[shorturl.at/mrxO6](http://shorturl.at/mrxO6)

## RULES & REGULATIONS

- PAPER FORMAT:**  
MS - WORD MAXIMUM 5  
PAGES (1000 TO 3000 WORDS)  
FONT TYPE: TIMES NEW ROMAN  
FONT SIZE.  
■ TITLE- 16  
■ SUB TITLE - 14  
■ TEXT- 12  
■ SPACING - 1.5
- PAPER MUST CONTAIN ABSTRACT, INTRODUCTION, POINT WISE DESCRIPTION OF SUBJECTS, RESULTS, CONCLUSION AND REFERENCES.**
- COPY OF PAPER (IN WORD FORMAT) SHOULD REACH THE COORDINATOR BEFORE 20TH FEBRUARY 2023.**
- SELECTED CANDIDATES HAVE TO PRESENT THE PAPER IN FRONT OF PANEL OF JUDGES ON THE DAY OF EVENT.**
- PAPER ON ANY OTHER TOPIC RELEVANT TO BRANCH IS ALSO ACCEPTED.**
- REGISTRATION FEES Rs.100/- PER STUDENT FOR OFFLINE PRESENTATION**
- REGISTRATION FEES Rs.50/- PER STUDENT FOR ONLINE PRESENTATION**



## Report on “ Technical Paper Presentation Competition”

### Objective:

- To provide an opportunity for students to research about unknown topics and present in front of a panel.
- To encourage them and to increase curiosity for interesting never heard topics.
- To help them in understanding research paper formats, which will be useful in Final Year Projects.

### Outcome:

- Students will be able to make a research paper based on their own topic.
- Students will be able to work effectively by assessing their own strengths and weaknesses.
- Students will get pointers from judge's panel regarding their research and presentation, which will be beneficial for them.

**Date and Time:** 25 FEBRUARY 2023 – 10:00AM – 4:30 PM

**Number of Registrations:** Teams (Team Size ranged from 1 to 3 Members)

**Conducted by :** SHIVAJIRAO S JONDHLE POLYTECHNIC ASANGAON

**Mode of Conduct:** Hybrid mode

**Group A: CO, IF, EE, EXTC, AO & Group B: CE, ME, AE**

**Description: Wings -23'** was organized by the Shivajirao S. Jondhle Polytechnic on 25th February, 2023. The exhibition was organized for students. The Paper Presentation Competition aims to bring out situational analysis-based work of students and develop their ability to think out of the box. This will also help the students to gain expertise on the topics and therefore enhance their knowledge and learning. In accordance with the theme, the synopsis of papers is invited from students, who want to present their work and ideas in the respective field.

All the activities have been organized in very nice manner. The event became grand success with the support of Principal Mrs. Sneha H. Jondhle Madam, Vice-principal Mr. Sandesh S. Bhadane Sir and HODs of all Department and all other Respected Faculty members:

### Judging Parameters: Content, Delivery, Relevance, Research Paper

#### Group A

- |                   |                   |
|-------------------|-------------------|
| 1. USHA NANDWANI  | (CO/IT DEPT)      |
| 2. RAHUL H. BADHE | (ELECTRICAL DEPT) |
| 3. MONALI PATIL   | (EXTC DEPT)       |

#### Group B

- |                        |                   |
|------------------------|-------------------|
| 1. ANWESH K. VIRKUNWAR | (MECHANICAL DEPT) |
| 2. Y.S. PATIL          | (CIVIL DEPT)      |

### Challenges Faced:

- Network connectivity from participant's side.
- Bringing in students to participate in the event by helping and manage their academics.

### • Key Factor for the Success of the Event:

- The enthusiasm and willingness of all the participants to participate.
- The righteous decision of the judges in scoring and reviewing all participants.
- The diligence of the team organizing the event.

### • Individual Learning in Organizing the Event:

- Improved Communication Skills as we got to interact with lot of students as well as faculties.



# WINNERS

## Group A (CO/IF/EXTC/AO)

### First Prize

1) Sakshi Sunil Bhirud 2) Paras Pravin Thakur

Topic name:- Big Data Analytics with Hadoop

College Name :KJ Somaiya Poly Vidyanagar

Branch :Computer engg.

### Second Prize

1) Alisha Sankhe 2) Mahita Dabhade 3) Mohit Croghale.

Topic name:- Data Science

College Name :Thakur Polytechnic

Branch :Computer engg

### Third Prize

1.Sahil Chaugule

Topic name:- Electric Vehicles

College Name :Navjeevan Polytechnic

Branch:Electrical Engineering

## Group B: (CE/ME/AE)

### First Prize

1) Hrishi Vishwakarma 2) Sangam Yadav 3) Mh. Iqbal

Topic name - Digital twin

College Name - Father Agnel Polytechnic Vashi

Branch- Mechanical Engineering

### Second Prize

1) Jay Patil 2) Manas Tarmale 3)Haridas Molawade

Topic name- Storm Water Management By New Techniques College Name- G. P. Thane

Branch - Civil Engineering



