

Vighnaharta Trust
Shivajirao S. Jondhle Polytechnic, Asangoan



WINGS-2025

**STATE LEVEL TECHNICAL PAPER
PRESENTATION**

22nd January 2025

In Associated with IETE and ISTE Student Chapter



Inaugural Ceremony





WINGS 2025 BROCHURE

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. The institute has well established infrastructure with administrative office, classrooms, smart classrooms, seminar halls, well equipped labs for each department, drawing halls, workshop, computer centre, language labs, auditorium facilities, computerized library with stock of reference & text books, national, international journals & E journal facilities.

VISION

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

MISSION

- To prepare students to meet the dynamic needs of the industry by providing quality education.
- To provide students an industrial exposure through industry institute partnership for enhancing technical skills.
- To inculcate the qualities of leadership and professional ethics among the students.

Venue:

Seminar Hall, Second Floor, Shivajirao S. Jondhle Polytechnic, Opp. Railway station, Asangaon, Dist. Thane- 421601

How to Reach:

SSJP is about 10 minutes by walk from Asangaon Railway Station. Share autos are also available.



CHIEF PATRONS

Hon. Dr. Vinod M. Mohitkar
Director, DTE, Mumbai
Hon. Dr. Pramod A. Naik
Director, MSBTE

Hon. Dr. Umesh T. Nagdeve
Secretary, MSBTE, Mumbai

Hon. Dr. Hemant Pardeshi
Dy. Secretary, R.BTE, Mumbai

Hon. Varsha Shivajirao Jondhle
President, Vignaharata Trust

Hon. Mrs. Geeta Khare (Jondhle)
Vice President, Vignaharata Trust

Hon. Dr. (Mrs.) Sneha H. Jondhle
Secretary, Vignaharata Trust

ADVISORY COMMITTEE

Dr. Parag Walinjkar
(Chairman, IETE Mumbai Center)

Dr. Pranab Kumar Kundu
(Associate Professor, NIT, Jamshedpur)

Dr. Shambhunath Barman
(Associate Professor, NIT, Sikkim)

CONVENER

Dr. Anvesh Keshav Virkumar
(Principal, SSJP, Asangaon)

Mr. Sandesh Bhudane
(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 --- +917219111236
(Head of Department Electrical Engg.)

Mrs. Ashwini Vaibhav Dhage--- +917798301342
(Head of Department Computer Engg.)

Vignaharata Trust
**Shivajirao S. Jondhle
Polytechnic, Asangaon**

organizes

WINGS- 2025

**STATE LEVEL TECHNICAL PAPER
PRESENTATION**

22nd January 2025

In Association with,
IETE and ISTE Student Chapter



wings2025@jondhlepoly.org

TOPICS FOR PAPER PRESENTATION

GROUP A: CO, IF, EE, EXTC, AO

- Block chain Technology
- Data Science
- Artificial intelligence and Machine Learning
- Big Data Storage & Hadoop Technology
- Internet of Things and Its Impact on Society
- Cyber Crime and Security
- Virtual and Augmented reality
- Embedded System
- Applications of Nanotechnology in Electronics
- Advanced Wireless Communications
- VLSI
- Robotic Process Automation
- New trends in electricity generation
- Electric vehicle
- Battery management system
- Traffic light control
- Artificial Intelligence
- Tsunami early warning system
- Machine learning in Robotics
- Recent trends in Robotics and computer integrated manufacturing.



GROUP B: CE, ME, AE

- Eco-Friendly Self-Curing Concrete
- Waterproofing of Roof With Discarded Tyre Rubber Crumb
- Emerging trends in Civil Engineering
- Recycling of Concrete
- Intelligent Irrigation
- Remote sensing and GIS application
- Emerging Trends in Manufacturing & Mechanical Engineering
- Recent Trends in Automobile Engineering
- Innovation in Renewable Energy
- Recent Trends in 3D Printing Technology
- Electric Vehicles and it's future prospect
- Design, progress and challenges of Li-Ion batteries
- Three phase inverter with speed control for electric cars.
- EV power train components, progress and challenges



Note: Paper on any other relevant technical topic will also be accepted.

REGISTRATION FORM

Name of Participant 1: _____

Name of Participant 2: _____

Name of Participant 3: _____

Name of Institute: _____

Branch Name: _____

Student 1 Mobile Number: _____

Student 2 Mobile Number: _____

Faculty Name: _____

Faculty Mobile Number: _____

Paper Topic / Title : _____

RULES & REGULATIONS PAPER FORMAT

- Length of paper : 1800 to 2000 words
Paper Size : A4, 70 GSM, White
Font : Times New Roman
Font size:
a) Title of Paper : 14 Bold
b) Subtitle: 12 Bold
c) Text : 12 Normal+12 pt
d) Margins : "Top -0.75", "Bottom-0.5", "Left1.25", "Right-1.0", "Gutter-0", "Gutter Position: Left"
e) Line Spacing :1.5
Each column measures 3.5 inches wide, with a 0.25-inch gap between two column
• Page Numbering on Right Bottom of each page
• Printing only in two column & one side of paper.
• Heading of table should be on top of that table, while for Figures, it should be below that figure.

PRESENTATION FORMAT

Title of Paper
Name of Author/s
Name of Institute
Abstract
Contents
Conclusions
References

Important Note:
1. The Student authors will present their paper. The presentation time of paper by authors will be maximum of 10 minutes and additional 5 minutes for question answers.

2. Paper must contain abstract, introduction, point wise description of subjects, results, conclusion and references.

3. copy of paper (in Word/PDF format) should uploaded while registration before 18th Jan 2025.

REGISTRATION FEES Rs.100/-



**PER STUDENT.
WIN
EXCITING PRIZES**



College
Seal

Principal
Signature

Registration Google Form Link

<https://forms.gle/2H47vt7GQ88pJwJz7>

Download Registration Form:

<https://bit.ly/4fjkGN6>

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: 22nd JANUARY 2025 – 10:00AM – 5:30 PM

Number of Registrations: 76 Teams (Team Size ranged from 1 to 4 Members)

Conducted by : SHIVAJIRAO S JONDHLE POLYTECHNIC ASANGAON

Mode of Conduct: Hybridmode

Group A: CO,IF,EE, EXTC

Group B: CE,ME,AE,AO

Description:

‘Wings -25’ was organized by the Shivajirao S. Jondhle Polytechnic on 22nd January, 2025. The Paper Presentation 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.Anwesh K. Virkunwar sir, Vice-principal Mr. Sandesh S. Bhadane Sir and HODs of all Department and all other Respected Faculty members:

Experts for Judging

Group A

1. Prof.Ashwini Mankar (CO DEPT)
2. Prof.Atul Atalkar (EXTC DEPT)

GROUP B

1. Dr. Y.S.PATIL (HOD CIVIL DEPT)
2. Prof. Dr. Rajendran D R (MECHANICAL DEPT)

Judging Parameters:

1. Content
2. Delivery

3. Relevance
4. Research Paper

- **Challenges Faced:**

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

- **Key Factor for the Success of the Event:**

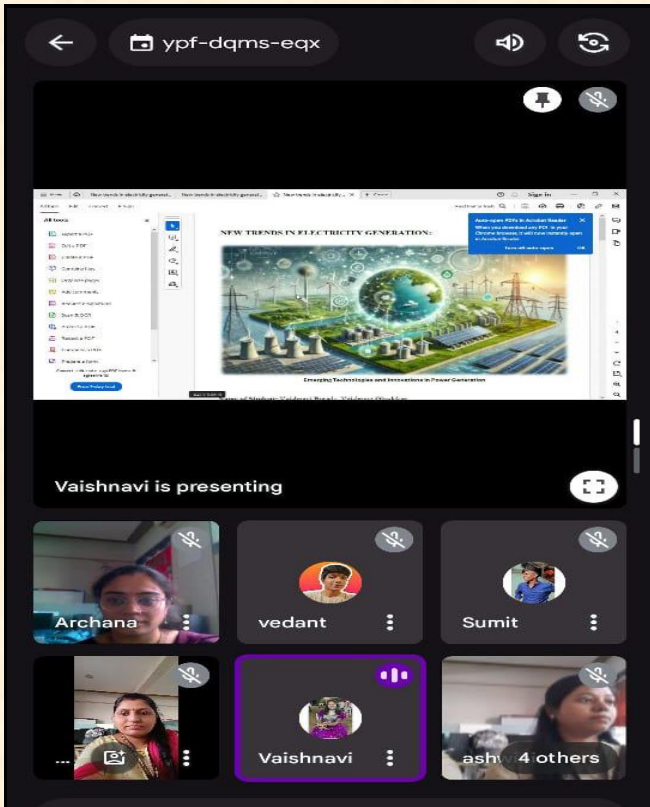
- The enthusiasm and willingness of all the participants to participate.
- The righteous decision of the judges in scoring and reviewing all participants.
- The diligence of the team organizing the event.

- **Individual Learning in Organizing the Event:**

- Improved Communication Skills as we got to interact with lot of students as well as faculties.
- Team Management skills while organizing the event and distributing the workload.

TOTAL NO OF GROUPS : 76 (3-4 MEMBERS EACH GROUP)





WINNERS

Wings 2025 Group A winner (CO/IF/EXTC/EE)

Prize	Name of student	College name	Branch	Topic
First Prize	1.Isha Poojary 2.Kajal Bhirud	VES Polytechnic Chembur	Computer Engg.	Vaani sarva Drishti
Second Prize	1.Isha Narvekar 2. Gurav More 3. Mehul Sharma 4.Sameer Sanap	Vidyalankar Polytechnic, Wadala	Information Tech.	Women Saftey
Third Prize	1.Harshal Mehata 2. Ichchha Singh 3.Ruchi Yetuskar 4.Shravani Panchal	Fr. Agnel Polytechnic, Vashi	ALMI	Havigating with Intelligence Echoes of AI Assistant Vision for the blind
Cons 1	1.Siddharth Gaykhe 2.Rutuj Dhodapkar 3.Rutik Gaikwad 4.Om Hire	K. K.Wagh Polytechnic, Nashik	ALMI	Tomato Leaf Disease
Cons 2	1Dhanishtha Deshpande 2. Vansh Hande 3.Himani Dalavi 4.Saniya Sheikh	Tulsiramji Gaikwad Patil College of engineering and technology	Computer Engg	Maskpack and Stich Machine

Wings 2025 Group B winner (CE,ME,AO,AE)

Prize	Name of student	College name	Branch	Topic
First Prize	1.Ganesh Maurya 2.Khadija Ansari	Kalsekar polytecnic	AO	Security Analysis of Industrial Control Systems
Second Prize	1.Yash Bhausheb Salunke 2.Hrishikesh Vikas Pange	Father agnel polytechnic, Vashi	ME	Carbon fibre composites
Third Price	1.Manish Jagle 2.Kasturi Chavan 3.Sampada Rajendra M.	S.S.Jondhle polytecnic, Asangaon	CE	A experimental study on partial replacement of cement with metakaolin
Cons 1	1.Arya Kiran Shirke 2.Vedika D. Farde	S.S.Jondhle polytecnic, Asangaon	AO	Robotic Application in Medical field
Cons 2	1.Saumil Tharwat Pranav 2.Shrungarpure	Vivekannad Education society, Chembur	ME	

Prize Distribution Ceremony



