



2024

STATE LEVEL TECHNICAL PAPER PRESENTATION WINGS 2024

26 FEBRUARY 2024

Group A:

CO,IE,EE, EXTC,AO

Group B:

CE,ME,AE

SHIVAJIRAO JONDHALE POLYTECHNIC ASANGAON 421602
VIGHNAHARATA TRUST
1/1/2024
WINGS2024@JONDHLEPOLY.ORG



INAUGURAL CEREMONY



WINGS- 2024

ABOUT INSTITUTE

Our Institute, Shivajirao S. Jondhle Polytechnic, Asangaon is established in the year 2007. Our Institute imparts technical education in branches Electronics & Telecommunication, Computer, Information & Technology, Mechanical, Electrical, Automobile, Automation & Robotics and Civil Engineering. The institute is located within 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

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.



LOCATION

Shivajirao S. Jondhle Polytechnic, Asangaon is about 10min. by walk from Asangaon Railway Station. Share autos are available.

CHIEF PATRONS

- Hon. Dr. Shivajirao S. Jondhle (President, Vighnharata Trust)
- Hon. Ms. Geeta (Secretary, Vighnharata Trust)
- Hon. Dr. Vinod Mohitkar (Director, DTE, Maharashtra)
- Hon. Dr. P.A. Naik (Director, MSBTE, Mumbai)
- Hon. Dr. M. R. Chitlange (Secretary, MSBTE, Mumbai)
- Hon. Mr. Pramod U. Wayse (Deputy Secretary, MSBTE, Mumbai)

ADVISORY COMMITTEE

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

CONVENER

- Dr. Anwesh Keshav Virkunwar (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 Chanchani -- +91 90950 65836 (Head of Information Tech. Department)
- Mrs. Rupali Firke --- +91721911236 (Head of Department Electrical Engg.)

**SHIVAJIRAO S. JONDHLE
POLYTECHNIC, ASANGAON**
organizes

WINGS 2024

STATE LEVEL TECHNICAL PAPER
PRESENTATION



Group A:
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**26th
February
2024**

in association with
IETE and ISTE Student Chapter



wings2024@jondhlepoly.org

Topics for Paper Presentation Group A

- Blockchain 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

- 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 its 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 : _____

College
Seal

Principal
Signature

Registration Google Form Link
<https://forms.gle/i3172kRawA77A4Tb6>

Download Registration Form:
<https://shorturl.at/bcPQ3>

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 22th february 2024.
- 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.



**WIN
EXCITING PRIZES**



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: 26 FEBRUARY 2024 – 10:00AM – 5:30 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 -24' was organized by the Shivajirao S. Jondhle Polytechnic on 26th February, 2024. 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. Anwesh K. Virkunwar sir, Vice-principal Mr. Sandesh S. Bhadane Sir and HODs of all Department and all other Respected Faculty members:

Group A

1. SHITAL AGRAWAL (CO/IT DEPT)
2. RAHUL H. BADHE (ELECTRICAL DEPT)
3. DR. ARINDAM GHOSH (AO DEPT)

GROUP B

1. Y.S. PATIL (CIVIL DEPT)
2. DR. MOHAN KUMAR (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.

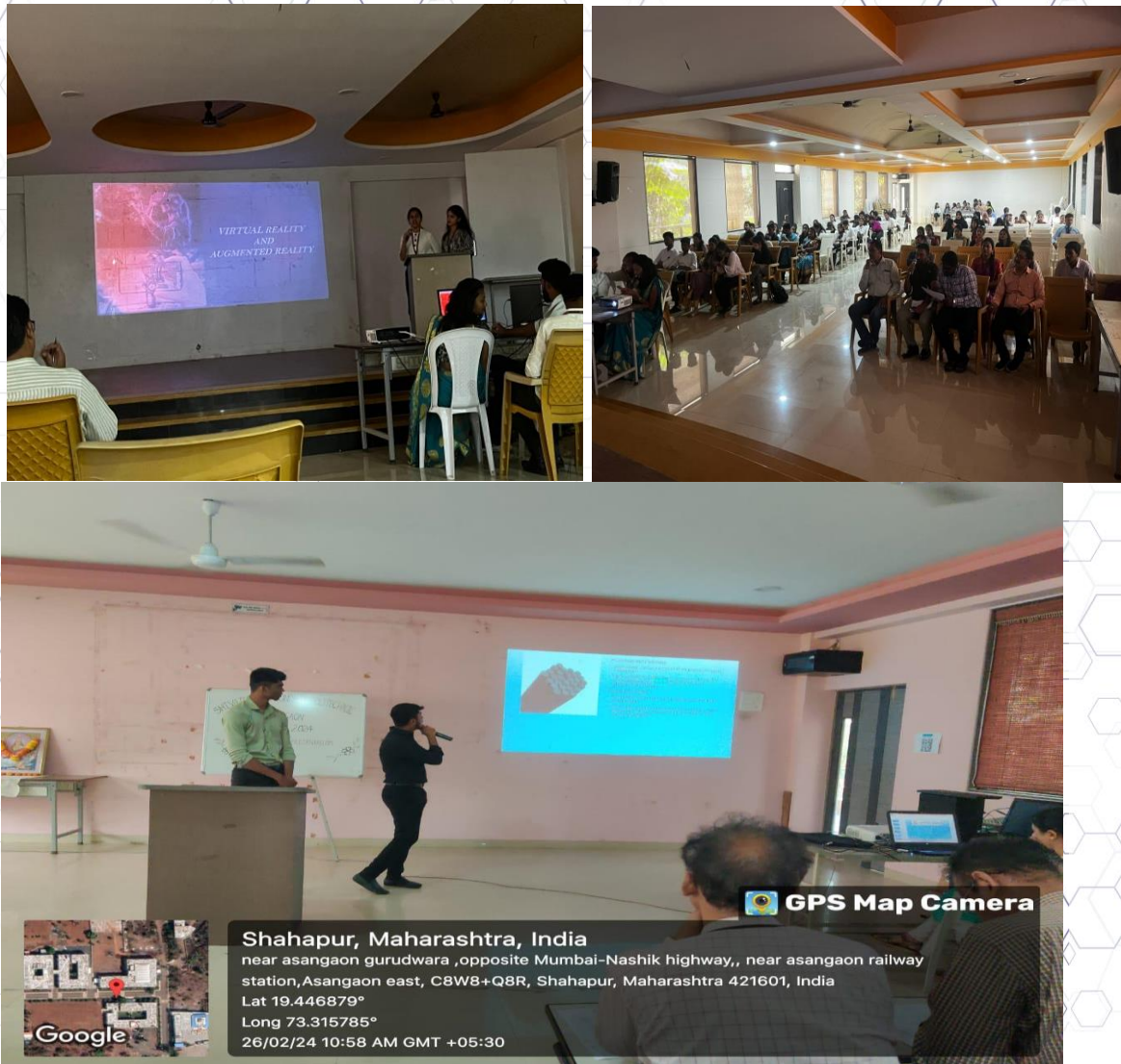
- **Key Factor for the Success of the Event:**

- 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 : 46 (4 MEMBERS EACH GROUP)



WINNERS

Wings 2024 Group A winner (CO/IF/EXTC/EE/ AO)

First prize

1. Tanishq Parmar
- 2 . Omkar Wayal

Topic name:- Biometrics RFID Identification System

College Name :- Father Agnel Polytechnic, Vashi.

Branch – Electronics engg

Second prize

1. Shruti Gupta
2. Roshni yadav.

Topic name:- Fall prediction

College Name : Shivajirao S Jondhle polytechnic asangaon

Branch – Computer engg

Third prize 1

1. Chirag Santosh Patil.
2. Rachit Yogesh Patil

Topic name:- Crop Disease Analyzer Using Deep Learning

College Name : Vivekanand Education Society Polytechnic, Chembur

Branch – Automation And Robotics Engg.

Third prize 2

1. Pooja Kolhe
2. Tanya Jha

Topic name:- Blockchain Technology

College Name : Government Polytechnic Thane

Branch – Computer Engg.

Wings 2024 Group B winner(ME/AE/CE)

First prize

1. Shambhavi Thakur
- 2 . Yuvraj Nalavade
3. Vedant Jadhav

Topic name:- Recent Trends And Application Of IOT In Manufacturing

College Name- Father Agnel Polytechnic Vashi

Branch - Mechanical Engg

Second prize

1. Nidhi Patil
2. Chandan Mourya

Topic name:- Composting household waste and used energy to generate electricity

College Name- Pravin Patil College of Diploma Engineering and Technology, Bhayandar

Branch - Civil Engineering

Third prize

1. Dharmik Patel
2. Nishant Shanghvi

3. Surit Kushwaha

Topic name:- Previous concrete

College Name- SVKM Shri Bhagubhai Mafatlal Polytechnic, Vile Parle

Branch - Civil Engineering

Con 1 prize

1. Aditya kolhe
2. Saifan jamshir
3. Devang Desai

Topic name:- Electric Vehicle challenges

College Name- Fr. Agnel Polytechnic, Vashi

Branch - Mechanical Engg

Con 2 prize

1. Prathmesh Gothankar
2. Ayush Jaiswal
3. Shlok Kharat

Topic name:- Electric Vehicle challenges

College Name- Muchhala Polytechnic, Thane

Branch - Automobile Engg

