



# AISSMS

POLYTECHNIC

CENTER OF ACADEMIC EXCELLENCE

Approved by AICTE New Delhi, Recognized by the Government of Maharashtra  
Affiliated to MSBTE, Mumbai  
NBA Accredited Programmes



In association with IEI/ISTE Student Chapter



Organizes

## TECHNOVISION 2024

### The State Level Technical Paper Presentation

On

# 13<sup>th</sup> March, 2024

#### Vision :

“Achieve excellence in quality technical education by imparting knowledge, skills and abilities to build a better technocrat.”

#### Mission :

- Empower the students by inculcating various technical and soft skills.
- Upgrade teaching-learning process and industry-institute interaction continuously.

#### AISSMS GROUP OF INSTITUTES

- AISSMS College of Engineering
- AISSMS Institute of Information Technology
- AISSMS College of Hotel Management & Catering Technology
- AISSMS College of Pharmacy
- AISSMS Institute of Management
- AISSMS Polytechnic
- AISSMS SSPM Secondary School
- AISSMS SSPM Day School & Jr. College
- AISSMS SSPM Primary Day School
- AISSMS SSPM Nursery School
- AISSMS Private Industrial Training Center

#### Prizes

**First Prize Rs. 1500/-**

**Second Prize Rs. 1000/-**

(Note: Group wise separate prize will be given)

#### Address :

Kennedy Road, Near R.T.O., Pune-411001, Maharashtra Phone -  
26058077 / 20658287

aismspoly.org.in @ AISSMS\_POLYTECHNIC

### Message by Hon. Secretary



**Shri Shrimant Malojiraje Chhatrapati,**  
Honorary Secretary, AISSMS

The AISSMS has a distinctive mission and history that set us apart from the other educational societies. The interests of stake holders, namely students, parents, and above all, society will always remain at our top priority. We strive to develop every individual to his or her best potential. I welcome all the students joining us at the AISSMS Polytechnic to become a part of our fraternity and promise them rewarding experiences they shall cherish and relish for the rest of their lives.

### Message by Principal



**Prof. S. K. Giram**  
Principal, AISSMS Polytechnic

It gives me immense pleasure to invite aspiring students who are keen to make a best career in technical field as a good technocrat. The diploma holders play very important role in industrial and economic developments of the country. They develop and master specialized skill in the chosen areas and provide much needed supports in any engineering establishments. Also the students having diploma in engineering provides support services in various other sectors of economy, including service sector.

AISSM Society's Polytechnic is among the top reputed technical institutes imparting high quality technical education. The evolution of the institute over the past two and half decades has witnessed strong blend of state-of-the-art infrastructure and intricately intertwined human resource committed to providing professional education with trust on creativity and innovation. Here at AISSM Society's Polytechnic, we are imparting skills and knowledge to our students in the best possible manner to make them dream big and fulfill the same. It is rightly said that a dream becomes a goal when the action is taken towards its fulfillment, and we are committed to providing optimistic, independent, compassionate, life-long learners and leaders who will bring glory to the institute, state and the nation.

*“The tradition of excellence is ours, the choice is yours.”*

### Highlights

- Global Alumni Connect.
- The lush-green campus is located in the heart of the city.
- Strong industry-institute interface.
- Highly conducive environment for the Teaching-Learning process.



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## TECHNOVISION 2024

### The State Level Technical Paper Presentation

Competition on

# 13<sup>th</sup> March, 2024

Name of Institute and Code : .....

Address of Institute : .....

Title for Technical paper : .....

Name of Participants: (In BLOCK LETTERS only, as it will appear on certificate)

1. ....

2. ....

Email ID 1. ....

Email ID 2. ....

Contact No. 1. ....

Contact No. 2. ....

#### Declaration

I/ we agree to abide by the rules and regulations of the **TECHNOVISION-2024- State Level Technical Paper Presentation Competition.**

#### Signature of Participants:

1. Name & Signature .....

2. Name & Signature .....

#### Recommendation of Head of the Institute

I hereby recommend above students to participate in **“TECHNOVISION-2024- State Level Technical Paper Presentation”** competition at your Institute. I also certify that the said students are bonafide students of our Institute.

Principal Signature

Seal of Institute

Place:

Date:

## About AISSMS

All India Shri Shivaji Memorial Society, established as early as in 1917, is a premier educational institution in Pune. Ours is a result oriented society dedicated to the noble cause of military, general, technical & management education in India. It functions beyond race, caste, religion & political spirit. The Society Management is very pragmatic & progressive.

## About AISSMS Polytechnic

AISSMS Polytechnic affiliated to M.S.B.T.E. Mumbai and approved by AICTE and recognized by Govt. Of Maharashtra, has started in 1994. The polytechnic offers seven approved courses leading to the award of the diploma in engineering. The student gets exposure to state of art infrastructure that includes more than 40 well equipped laboratories, Library enriched with latest teaching aids, internet facility to name a few. Our most of the programs have been accredited by NBA. Recognition of our institute as "Center of Academic Excellence" is a reflection of clear technical and scientific knowledge, sense of belonging, discipline and ability to work together.

## Organizing Committee

### Chief Coordinator

Prof. S. K. Giram (Principal, AISSMS Polytechnic)

### Event Coordinator

Prof. B. S. Patil (HOD, Artificial Intelligence & Machine Learning)

### Co-Coordinator

Prof. K. G. Jagtap (Artificial Intelligence & Machine Learning)

### Organizing Committee

Prof. V. C. Sanap Prof. A. A. Shirode

Prof. K. S. Gaikwad Prof. S. S. Dethé

Prof. A. B. Sutar Prof. R. G. Waghmare

Prof. P.P. Bastawade Prof. V. G. Sonawane

Prof. G. R. Deshpande Prof. S. Y. Mali

Prof. H. A. Shinde Prof. P. V. Kapure

## For Registration Contact

**Prof. D. V. Thakur** (Mechanical Engineering Group)

Mobile: 9822672680 | Email: dvthakur@aissmspoly.org.in

**Prof. V. R. Sonar** (Computer Engineering Group)

Mobile: 9850844941 | Email: vrsonar@aissmspoly.org.in

**Prof. D. C. Pardeshi** (Electronics Group)

Mobile: 9850687649 | Email: dcpardeshi@aissmspoly.org.in

**Prof. B. H. Chafekar** (Civil Engineering Group)

Mobile: 9860109651 | Email: bhchafekar@aissmspoly.org.in



## Paper Format

- Paper Size: A4 70 GSM, White
- Font: Times New Roman
- Font Size :  
Title of Paper: 16pt, Bold | Sub Title: 14pt, Bold | Text: 12 Normal
- Margins : Top - 0.75", Bottom - 0.75", Left - 0.75", Right - 0.75"
- Line Spacing – 1.5 Lines
- Each column measures 3.38 inches wide, with a 0.25 inch gap between two columns.
- Printing only in two columns and on one side of paper
- Length of paper should be between 1800 to 2000 words (4-5 pages).
- Page numbering on right bottom of each page.

## Content Format

1. Title of Paper
2. Name of Author/s
3. Name of Institute
4. Abstract
5. Items/ Keywords
6. Contents
7. Conclusion
8. References

## Domains For Paper Presentation

### A: Computer Engineering Group

- Future of virtual reality in education
- Blockchain beyond crypto currency-real world application
- Artificial intelligence in healthcare
- Cloud security
- Big data analytics

### B: Mechanical Engineering Group

- Robotics process automation
- 3D printing and additive manufacturing
- Industry 4.0
- Hybrid electric vehicles (HEV)
- Advances in renewable energy solutions

### C: Electronics Engineering Group

- Electric Vehicles and Smart Car
- Green Technology
- Artificial intelligence and Robotics
- Augmented Reality and Virtual Reality
- Smart World

### D: Civil Engineering Group

- Use of waste material in construction
- Zero energy building
- Use of software in construction management
- Advanced construction techniques in Civil Engineering

## Instructions For Participants

- Registration fee per group (max two students) Rs. 100/- only.
- Registration fee will be accepted through NEFT/RTGS and UPI only, from the selected group. The account details will be shared via email once paper is selected
- The students from Computer, Mechanical, Electronic, and Civil group of MSBTE affiliated Polytechnics are eligible.
- The topic of the paper shall be technical and related to the theme only.
- The student authors will deliver a seminar for maximum of 10 minutes.
- The participant's certificates will be issued by the institute on the same day.
- Decision of Jury shall be final and binding on all participants.
- Student should carry valid College I card.

## Important Dates

- Last date of registration and Submission of soft copy of paper in .Doc/.pdf format by given Google form link- <https://forms.gle/b1adA8cZj3giwxNC7> upto– **03<sup>rd</sup> March 2024.**
- Confirmation of paper selection – **07<sup>th</sup> March 2024.**
- Submission of one hard copy, one soft copy of paper and power point presentation on CD along with registration form & proof of online payment – **13<sup>th</sup> March 2024.**
- **TECHNOVISION - 2024 – 13<sup>th</sup> March 2024.**

Time	Particular
09:00 to 10:00 am	Registration
10:00 to 11:00 am	Inauguration
11:00 to 01:00 pm	Paper Presentation Session I
01:00 to 01:30 pm	Refreshment
01:30 to 03:30 pm	Paper Presentation Session II
03:30 to 04:00 pm	Valedictory Function & Prize Distribution

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**Phone:** 26058077 / 20658287

**E-mail:** aissmspoly pune@yahoo.co.in

**Web:** www.aissmspoly.org.in

