

## CHIEF PATRONS

**Hon. Shri Shahu Chhatrapati Maharaj, KOLHAPUR**  
(President, AISSM Society)

**Hon. Shri Sambhajiraje Chhatrapati**  
(Vice President – AISSM Society)

**Hon. Shri Malojiraje Chhatrapati**  
(Honorary Secretary – AISSM Society)

**Hon. Shri Suresh Pratap Shinde**  
(Honorary Joint Secretary – AISSM Society)

**Hon. Shri. Ajay Uttamrao Patil**  
(Treasurer-AISSM Society)

**Hon. Shri Vishwas Bajirao Patil**  
(Chairman Governing Council - AISSM Society)

**Hon. Adv. Bhagwanrao Salunke**  
(Chairman, Managing Committee- AISSM Society)

## Organizing Committee

### Chief Coordinator

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

### Programme Coordinator

Prof. A. S. Khandagale (HOD, Information Technology)

### Co-Coordinator

Prof. V.V. Shetkar-7499019926(I/c Training and Placement Cell)

### Department Coordinator

Prof. D. V. Thakur-9822672680 (Mechanical Group)

Prof. V. R. Sonar-9850844946 (Computer Group)

Prof. M. T. Dangat-9423041214 (Electronics Group)

Prof. B. H. Chafekar-9860109651(Civil Group)

### Organizing Team

Prof. V. C. Sanap

Prof. M. R. Talware

Prof. J. R. Khandare

Prof. A. B. Sutar

Prof. V R. Palandurkar

Prof. S. S. Sonawane

Prof. R. B. Gurav

Prof. P. M. Yerolkar

Prof A. S. Sathe

## For Registration Contact:

- Prof. B. P. Patil (Mechanical Engineering Group)  
Mobile:9096804322 Email: [bppatil@aiissmpoly.org.in](mailto:bppatil@aiissmpoly.org.in)
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- Prof. R. V. Nilajagi (Electronics Group)  
Mobile:9881301930 Email: [rvinilajagi@aiissmpoly.org.in](mailto:rvinilajagi@aiissmpoly.org.in)
- Prof. G. R. Deshpande (Civil Engineering Group)  
Mobile:9921676856 Email: [grdeshpande@aiissmpoly.org.in](mailto:grdeshpande@aiissmpoly.org.in)

## 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 36 well equipped laboratories, Library enriched with latest teaching aids, internet facility to name a few. 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.

## DOMAINS FOR PAPER PRESENTATION

### A: Computer Engineering Group

1. Big Data Analytics
2. Digital Forensic
3. Internet of Things
4. Machine learning
5. Virtual Reality

### B: Mechanical Engineering Group

1. Industry 4.0
2. Hybrid and Electric Vehicles
3. Advances in Renewable Energy Extraction
4. Artificial Intelligence
5. Future Transportation

### C: Electronics Engineering Group

1. Advance Wireless Technology
2. Applications of Nanotechnology
3. Importance of Verichip in Electronics
4. Wireless Power Transmission Technology

### D: Civil Engineering Group

1. Minimization of wastage of construction material on site
2. Advance Technology in Solid Waste Management
3. Recycling and reuse of construction and Demolition waste-sustainable approach
4. Rate Analysis – a realistic approach
5. Green concrete

## Instructions for Participants

- Registration fee per group (max two students) Rs. 100/- only.
- Registration fee will be accepted through online payment on **7499019926** (Google Pay/ Phone Pay)
- 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.

## 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

## Important Dates

- Last date of registration and Submission of soft copy of paper in .Doc/.pdf format by email – 17 Feb 2020.
- Confirmation paper selection – 20 Feb 2020
- Submission of one hard copy, one soft copy of paper and power point presentation on CD along with registration form & proof of online payment – 25 Feb 2020
- **"TECHNOVISION-2020" – 25 Feb 2020**

9:00 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



Organizes

**“TECHNOVISION-2020”**

**The State Level Technical Paper Presentation**

under



**The Institution of Engineers (India)  
Student chapter (411001/AISP)**

**On  
February 25, 2020**

### 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.

### :- Address:-

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

E-mail: [aissmspolypune@yahoo.co.in](mailto:aissmspolypune@yahoo.co.in)

Website: [www.aissmspoly.org.in](http://www.aissmspoly.org.in)

### --- Prizes ---

**First Prize 1500/- Second Prize 1000/-**

(Note: Group wise separate prize will be given)

### Messages by Hon Secretary and Principal



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

All India Shri Shivaji Memorial Society was conceived by Rajashri Shrimant Shri Shahu Chhatrapati Maharaj in 1917. Today, at AISSMS, we continue the colossal task of social reform through education as initiated by him. We try to maintain the high standards set by him, follow the rich traditions, emulate his principles and thrive on his ethos and philosophy. His principles have served us well. Today our work in education, engineering, management, pharmacy, hotel management and catering technology reaches people all over the country and the world. Our students' community extends far beyond the AISSMS campus, with sizable alumni around the globe. 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 a rewarding experience they shall cherish and relish for the rest of their lives.



**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.”*

### Registration Form



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**On February 25, 2020**

Name of Institute and Code \_\_\_\_\_

Address of Institute \_\_\_\_\_

Paper Group \_\_\_\_\_

Title for Technical paper: \_\_\_\_\_

Name of Participant(s): (In BLOCK LETTERS Only, as it appears on certificate)

1. \_\_\_\_\_

2. \_\_\_\_\_

Email ID: 1 \_\_\_\_\_

2. \_\_\_\_\_

Contact No: 1. \_\_\_\_\_ 2. \_\_\_\_\_

### Declaration

I/ we agree to abide by the rules and regulations of the **TECHNOVISION-2020** State Level Technical Paper Presentation Competition.

### Signature of Participants:

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

### Recommendation of Head of the Institute:

I hereby recommend above students to participate in “**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: