

VISION

Thakur Shyamnarayan Engineering College will strive to be a leading technical institute recognized for excellence in engineering education, research and innovation.

MISSION

- To provide an excellent conducive environment that nurtures critical thinking, creativity and life-long learning amongst students.
- To promote innovative research ideas to address global challenges and contribute to technological advancement.
- To create entrepreneurs and competent technocrats to drive sustainable development and societal progress.
- To collaborate with other academic and research institutes and industries in order to strengthen multidisciplinary education and research.

Who will be Benefited?

The faculty members of the AICTE approved institutions, research scholars, PG Scholars, participants from Government, Industry (Bureaucrats/ Technicians/Participants from Industry etc.) and staff of host institutions can get the benefit of the course.



About ISTE

The Indian Society for Technical Education (ISTE) is the leading National Professional non-profit making Society for the Technical Education System in our country with the motto of Career Development of Teachers and Personality Development of Students and overall development of our Technical Education System.



TSEC THAKUR SHYAMNARAYAN ENGINEERING COLLEGE

Approved by All India Council for Technical Education (AICTE)

Recognized by Govt. of Maharashtra | Affiliated to University of Mumbai

• ISO 9001 : 2015 (Certified)

• DTE Code - 03143 | University Code - 1286



SAEINDIA
WESTERN SECTION



IMPORTANT DATES

Registration upto

• 09/07/2026

Commencement of Course

• 13/07/2026

CO-ORDINATOR

Mrs Rita Vora

(ISTE faculty advisor)

Mrs Nehal Muchhala

(HOD ME & Academic Coordinator)

Mr Ganesh Akoliya

(HOD ECE)

ORGANIZERS

Mr Sharad Yenkar

Mrs Monali Kalekar

Mrs Kavita Singh

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STUDENT COMMITTEE

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Chief Guest

Dr Santosh Rane

(Head Department Of Mechanical Engineering , SPCE, Mumbai)

CHIEF PATRONS

Hon'ble Shri V. K. Singh

(Chairman, Thakur Educational Group)

Hon'ble Shri. Rajesh Singh

(CEO, TSEC)

PATRONS

Dr. S. M. Ganechari

(Principal, TSEC)

Five Days ISTE Approved Faculty Development Program On

“Intelligent Automation Systems using Artificial Intelligence”

(Starts from 13th July 2026

to

17th July 2026)

(Online Mode)

(Timing : 6:00 pm to 9:00 pm)

Organized By

Department of Electronics and Computer Engineering & Mechanical Engineering

In collaboration with SAE INDIA (WS) & IIIE
Mumbai Chapter

Thakur Shyamnarayan Engineering College
Thakur Complex, Kandivali (E), Mumbai - 400 101

ADVISORY COMMITTEE

Dr. Mily Jashank

(FE Co-ordinator)

Ms. Vaishali Rane

(HOD- CO)

Dr. Nirmala Kamble

(R&D Incharge, HOD CSE-AIML)

Mrs. Suvarna Thakre

(HOD-IT)

About the Insitute

Thakur Shyamnarayan Engineering College (TSEC), a Hindi Linguistic Minority Institute under the Zagdu Singh Charitable Trust, approved by All India Council for Technical Education (AICTE), recognized by the Government of Maharashtra, and affiliated with the University of Mumbai, where innovation meets expertise. Our institute stands as a beacon of excellence in engineering and technology education by conversion of a Diploma institute (Thakur Polytechnic- established in 1998) into a Degree Institute to provide a comprehensive curriculum, state-of-the-art facilities, and a conducive learning environment aimed at nurturing the next generation of aspiring engineers, visionaries who will come together to embark on their journey of exploration, creativity, and transformation.

Registration Process:

You can register for the course through the link provided

Course Fees - Rs 200

REGISTER HERE!

<https://forms.gle/3VrxPomJuEddWzU6A>

Test and Evaluation

On the last day of the program, an evaluation test will be conducted to assess the participants' understanding of the sessions and the hands-on activities.

Criteria for certificate

- The participants should maintain 80% attendance to get certificate.
- The participants should attend the Assessment scheduled on the last date of the event and should score 60% and above.

Objectives of Course:

- Develop a strong foundation in Intelligent Automation and Artificial Intelligence by understanding core concepts, architectures, and AI techniques that drive modern automated systems.
- Equip participants with practical skills to design, develop, and deploy AI-enabled automation solutions using industry-relevant tools, platforms, and data-driven methodologies.
- Empower faculty to integrate Intelligent Automation into teaching, research, and innovation initiatives while promoting ethical, responsible, and industry-aligned AI practices.

Outcomes of Course

CO1: Explain the fundamentals and applications of Intelligent Automation and AI.

CO2: Apply AI techniques such as Machine Learning, Deep Learning, and NLP to automation problems.

CO3: Design and develop intelligent automation workflows using relevant tools and platforms.

CO4: Assess the performance, reliability, and ethical aspects of AI-driven automation systems.

CO5: Integrate intelligent automation concepts into academic, research, and innovation activities.

Date	Topic Name	Speaker
13/07/2026	Inauguration Keynote speech by Chief guest: Industry 5.0 enabled manufacturing systems Session 2 - Advanced Sensor Technologies for Intelligent Automation	Dr (Mr) Santosh Rane & Dr (Mrs) Nilima Warke
14/07/2026	Automation & Artificial Intelligence: Transforming Mechanical Engineering Education & Industry	Mr Bhavin shah
15/07/2026	Session 1 - Practical Application of AI in industrial Automation Session 2 - Practical Application of AI & Sensor Integration	Mr Anand Vora
16/07/2026	Neural network Architecture	Dr (Mr) Ravindra Duche
17/07/2026	Session 1- Blockchain Technology Session 2- Smart Industry 5.0: "Human-Centric Automation and AI-Enabled Mechanical Systems" Vote of Thanks and Feedback	Mr Sanjay Gunjkar Mrs Nehal Muchhala