



Bharatiya Vidya Bhavan's
SARDAR PATEL COLLEGE OF ENGINEERING
(Government Aided Autonomous Institute)
Affiliated to University of Mumbai
Andheri (W) Mumbai – 400058
Organizes



National Level Webinar
On
Intelligent condition monitoring using Artificial Intelligence

In Collaboration with



SAEINDIA Western Section

**IIIE-SPCE
Student Chapter**

Under IQAC, SPCE

Brief Introduction of Organizations

SPCE: Bharatiya Vidya Bhavan's Sardar Patel College of Engineering (SPCE) was established in 1962 as a Government Aided Engineering College. The institute is Autonomous and permanently affiliated to University of Mumbai. It has received Grade "A" rating from Govt. of Maharashtra and has maintained a proud tradition of excellent academic records by securing high ranks, gold medals and other awards in the University Exams. Institute offers BTech, MTech and Ph.D. Programs in Civil, Mechanical and Electrical Engineering

SAEINDIA WS: SAEINDIA is India's leading resource for mobility technology. As an individual member-driven society of mobility practitioners, the ownership of SAEINDIA wrests with its members who are Individuals from the mobility community, which includes Engineers Executives from Industry, Government Officials, Academics and Students. SAEINDIA is a strategic alliance partner of SAE International registered in India as an Indian nonprofit engineering and scientific society dedicated to the advancement of the mobility industry in India. SAEINDIA Electronics Forum" promotes work related to Electronics in Automotive Domain.

IIIE: The Indian Institution of Industrial Engineering, founded in 1957, is a non-profit organization for the profession of Industrial Engineering in India consisting of members specialized in the areas of Work Study, O & M., Production Planning & Control, Materials Management, Value Engineering, PERT/CPM, Operations Research, Financial Management, Statistical Quality Control etc. and other emerging disciplines.

Patrons

Dr. Sessa Iyer Chairman
BoG SPCE, Mumbai

Dr. M.M. Murudi
I/C Principal
SPCE, Mumbai

Mr. S.S Nibandhe
Chairman
SAE India WS

Mr. Ramesh Pasarija
Executive Director
SAE India WS

Mr. D. V. Bhagat
Chairman
IIIE

Expert Speaker



Dr. Riddhi Panse
Scientist at Tata Consultancy Services Ltd.
M. Tech. and PhD from IIT Bombay

Organizing committee

IIIE SPCE student Chapter team

- **Dr. Santosh Rane**
Dean Academics, SPCE
- **Dr. Kiran Bhole**
Dean R & D, SPCE
- **Dr. Sanjay Bokade**
Principal , RGIT, Mumbai and
Chairman, IIIE Mumbai Chapter
- **Mr. Sudhir Vaidya Manager**
SAE India WS

Piyush Waman-7506065083
Gayatri Patil- 7972558571

Anirudha Deshpande
Sadhvi Chaubey

Sameer Kurkure
Arundhati Joshi

Ritesh Borse

Learning Objectives:

- To understand maintenance 4.0

Session Outline

- Industry 4.0: Data driven approach.
- Data requirements of AI/ ML models
- Automating preventive maintenance
- Developing intelligent condition monitoring systems.
- Field experiments to tune simulation models & AI-algorithms
- Neural network architecture



Program Details



Date: 19th October 21



Time: 6:00pm

Registration: <https://forms.gle/o6JiMzKmkaHhwYVF7>

Who should Attend: Industry Persons, Faculty members, Researchers, Practitioners, Students. There is **no registration fee** for this workshop. The interested participants need to register at this link:

E-certificates will be provided to all participants after attending the webinar and submitting the feedback form.