

Bharatiya Vidya Bhavan's

SARDAR PATEL COLLEGE OF ENGINEERING

Andheri (W) Mumbai – 400058
(Government Aided Autonomous Institute)
Affiliated to University of Mumbai



Organizes,

NATIONAL LEVEL FACULTY DEVELOPMENT PROGRAM, **ANALYSIS OF ENGINEERING SYSTEM USING CREO**

Date: 15th October to 20th October 2022

In Collaboration with



SAEINDIA Western Section

InvensysCAD

IIIE-SPCE Student Chapter

Brief Introduction of Organizations

SPCE 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, M. Tech 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.

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.

InvensysCAD: InvensysCAD Solutions offers the solutions in the area of mechanical, civil, architecture engineering and wants to establish as a reliable partner for the industry. They are authorized reseller for PTC, ANSYS, BENTLEY and ZwSoft products.

Patrons

Dr. Seshu 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

Dr. A. K. Behera
Chairman
IIIE

Expert Speaker

Mr. Anil Pagar
Director InvensysCAD Solutions

Principal Coordinator

Dr. Santosh Rane

Faculty & Former Dean Academics,
SPCE, Mumbai

Organizing Committee

Dr. Kiran Bhole

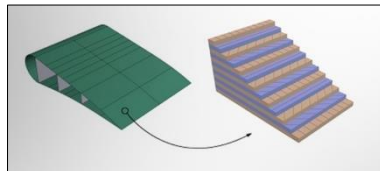
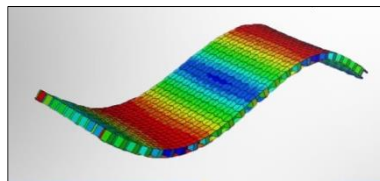
Dean R&D,
SPCE, Mumbai

Dr. Sanjay Bokade

Principal, RGIT, Mumbai and
Chairman, IIIE Mumbai Chapter

Mr. Sagar Murugkar

Executive, SAE India WS



Student Member

Mr. Bhavik Modi

9730 80 4887

Miss. Sadhvi Chaube

Chairman, IIIE student chapter

Program Outline

Day 1 15/10/2022	6.00 pm to 7.30 pm	Session 1	1. Introduction to Creo Parametric 2. Creating sketches in the sketch mode
	7.30 pm to 9.00 pm	Session 2	3. Creating base features <ul style="list-style-type: none">Understanding the Orientation of Datum PlanesParent-Child RelationshipImplicit & Explicit Relationship
Day2 16/10/2022	6.00 pm to 7.30 pm	Session 3	4. Datums 5. Editing Features of a Model
	7.30 pm to 9.00 pm	Session 4	6. Creating Feature Patterns Uses of patterns Creating Patterns Deleting a Pattern
Day 3 17/10/2022	6.00 pm to 7.30 pm	Session 5	7. Advanced modeling tools like Sweep, Blend, Shell, Blend
	7.30 pm to 9.00 pm	Session 6	8. Geometrical Dimensioning and tolerances
Day 4 18/10/2022	6.00 pm to 7.30 pm	Session 7	9. Assembly Modeling <ul style="list-style-type: none">Important Terms Related to the Assembly ModeTop-down Approach Bottom-up Approach Placement Constraints
	7.30 pm to 9.00 pm	Session 8	<ul style="list-style-type: none">Assembling ComponentsThe Bill of Materials
Day 5 19/10/2022	6.00 pm to 7.30 pm	Session 9	10. Generating, editing, and modifying the drawing views
	7.30 pm to 9.00 pm	Session 10	11. Dimensioning the drawing views
Day 6 20/10/2022	6.00 pm to 7.30 pm	Session 11	12. Working with sheet metal components
	7.30 pm to 9.00 pm	Session 12	13. Conclusion of Session

Who can attend: Industry Persons, Faculty members, Researchers, Practitioners, and Students.
The Program is free of cost for all participants.

Registration Link:

<https://forms.gle/2cCk2XXhmKJoTUH38>

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

**Participation and Registration rights are kept with organizing team.*