

Bharatiya Vidya Bhavan's

SARDAR PATEL COLLEGE OF ENGINEERING

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



FACULTY DEVELOPMENT PROGRAM,

Under IQAC

ANALYSIS OF ENGINEERING SYSTEM USING CREO

Date: 01st August 2022 to 06th August 2022 (Online Mode)

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 is a leading solutions provider in the CAD-CAM-CAE-PLM area for industry and educational areas. It provides PTC Creo, Ansys, Etab, E Plan, BricsCAD software and Training. It is also working on 3D Printing Technology with Technology Giants- STRATASYS- providing solutions for Mechanical, Medical and Dental Industries.

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

Mr. D. V. Bhagat
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

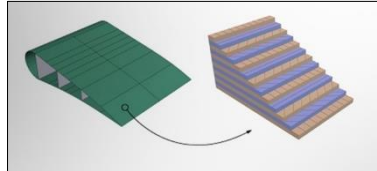
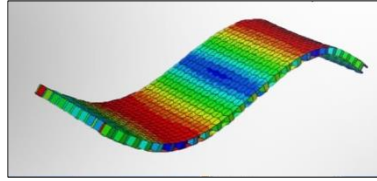
Dean R&D,
SPCE, Mumbai

Dr. Sanjay Bokade

Principal, RGIT, Mumbai and
Chairman, IIE Mumbai Chapter

Dr. S.S. Umale

Former HOD-MED, SPCE Mumbai.
Member of GC of SAEINDIA WS



Student Member

Mr. Rohit Tidke

8888 891 892

Mr. Hrushikesh Gargade

830 876 6295

Miss. Sadhvi Chube

Program Outline

01/08/2022	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 Planes• Parent-Child Relationship• Implicit & Explicit Relationship
02/08/2022	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
03/08/2022	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
04/08/2022	6.00 pm to 7.30 pm	Session 7	9. Assembly Modeling <ul style="list-style-type: none">• Important Terms Related to the Assembly Mode• Top-down Approach Bottom-up Approach Placement Constraints
	7.30 pm to 9.00 pm	Session 8	<ul style="list-style-type: none">• Assembling Components• The Bill of Materials
05/08/2022	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
06/08/2022	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/5VM85XeGcLCKzVh5A>
- E-certificates will be provided based on satisfactory attendance and submitting the feedback form.
- Participation and Registration rights are kept with organizing team.