

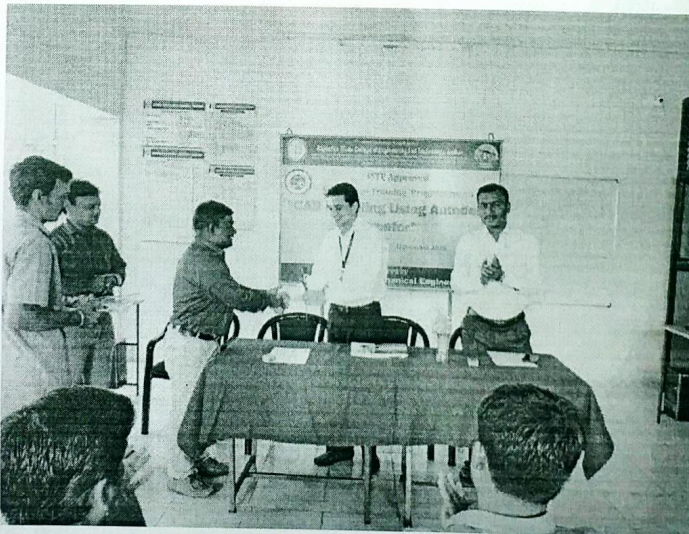


ISTE Approved One week STTP on
"CAD Modeling using Autodesk Inventor"
During 18-22 November 2019
Organized by
Department of Mechanical Engineering
Rajendra Mane College of Engineering and Technology, Ambav

Department of Mechanical Engineering has organised ISTE Approved One week STTP on "CAD Modeling using Autodesk Inventor" on 18-22 November 2019.



(Prof. A. R. Suware welcoming all dignitaries and participants during inauguration..)



(Dr. S. N. Waghmare Felicitating Principal Dr. M.M. Bhagwat during inauguration.)

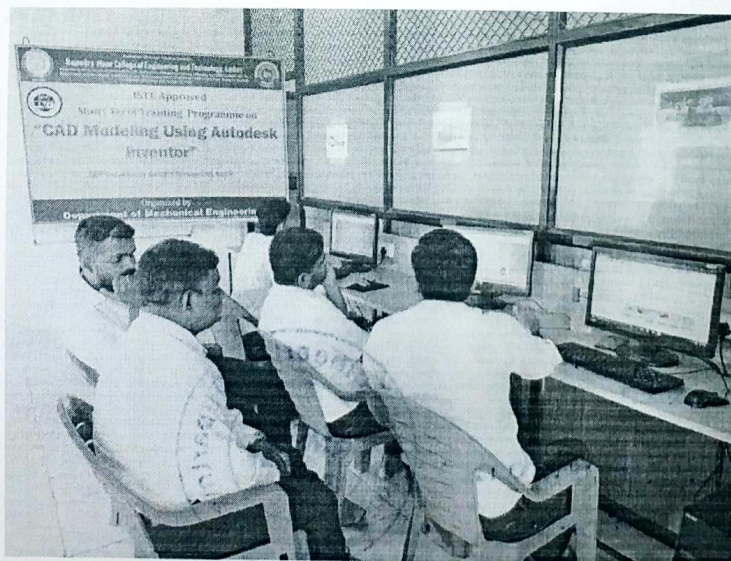
The Course Contents of the STTP:

- Introduction applications of software used in engineering
- 2D drawing - Sketch
- 3D Modelling of Engineering Component
- Assembly
- Drafting

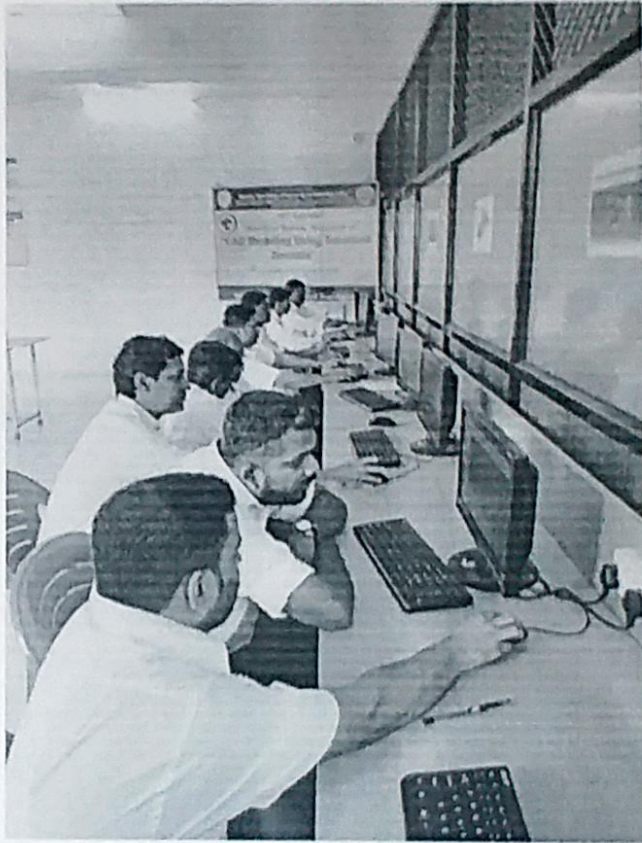
The Resource Persons were Prof. A. V. Javir Asst. Professor, Mechanical Engineering Dept. and Prof. S. S. Joshi Asst. Professor Mechanical Engineering Dept.



(Prof. A. V. Javir conducting session during STTP)



(Prof. A. V. Javir conducting hands-on session during STTP)



(Prof. S.S. Joshi conducting hands-on session during STTP)

Total twelve participants attended the STTP from Mechanical and Automobile Engineering department namely, Dr. S. N. Waghmare, Dr. R. V. Dandage, Prof. A. S. Raut, Prof. P. R. Kshirsagar, Prof. V. K. Dongare, Prof. M. S. Prabhavalkar, Prof. G. S. Jagushte, Prof. A. R. Suware, Prof. P. L. Mane, Prof. R. D. Belekar and Prof. S. S. Surve.

The STTP was coordinated by Dr. S. N. Waghmare HOD Mechanical Engineering Department.

Sacip
Dr. S. N. Waghmare
Co-ordinator





Prabodhan Shikshan Prasarak Santha's
 Rajendra Mane College of Engineering and Technology, Ambav (Devrukh)
 ISTE approved Short Term Training Programme on
 "CAD Modeling using Autodesk Inventor"
 18/11/2019 to 22/11/2019
 by Mechanical Engineering Department,



Attendance

Sr. No.	Name	18/11/19			19/11/19			20/11/19		
		Session1	Session2	Session3	Session1	Session2	Session3	Session1	Session2	Session3
1	Dr. S. N. Waghmare	<i>SNW</i>	<i>SNW</i>	<i>SNW</i>	<i>SNW</i>	<i>SNW</i>	<i>SNW</i>	<i>SNW</i>	<i>SNW</i>	<i>SNW</i>
2	Dr. R. V. Dandage	<i>RVD</i>	<i>RVD</i>	<i>RVD</i>	<i>RVD</i>	<i>RVD</i>	<i>RVD</i>	<i>RVD</i>	<i>RVD</i>	<i>RVD</i>
3	Mr. M.S. Prabhavalkar	<i>MS</i>	<i>MS</i>	<i>MS</i>	<i>MS</i>	<i>MS</i>	<i>MS</i>	<i>MS</i>	<i>MS</i>	<i>MS</i>
4	Mr. G. S. Jagushte	<i>GS</i>	<i>GS</i>	<i>GS</i>	<i>GS</i>	<i>GS</i>	<i>GS</i>	<i>GS</i>	<i>GS</i>	<i>GS</i>
5	Mr. S. B. Khandekar	<i>SB</i>	<i>SB</i>	<i>SB</i>	<i>SB</i>	<i>SB</i>	<i>SB</i>	<i>SB</i>	<i>SB</i>	<i>SB</i>
6	Mr. A.S. Raut	<i>A</i>	<i>A</i>	<i>A</i>	<i>A</i>	<i>A</i>	<i>A</i>	<i>A</i>	<i>A</i>	<i>A</i>
7	Mr. S. S. Surve	<i>SS</i>	<i>SS</i>	<i>SS</i>	<i>SS</i>	<i>SS</i>	<i>SS</i>	<i>SS</i>	<i>SS</i>	<i>SS</i>
8	Mr. V. K. Dongare	<i>VK</i>	<i>VK</i>	<i>VK</i>	<i>VK</i>	<i>VK</i>	<i>VK</i>	<i>VK</i>	<i>VK</i>	<i>VK</i>
9	Mr. A. R. Suware	<i>AR</i>	<i>AR</i>	<i>AR</i>	<i>AR</i>	<i>AR</i>	<i>AR</i>	<i>AR</i>	<i>AR</i>	<i>AR</i>
10	Mr. P. R. Kshirsagar	<i>PK</i>	<i>PK</i>	<i>PK</i>	<i>PK</i>	<i>PK</i>	<i>PK</i>	<i>PK</i>	<i>PK</i>	<i>PK</i>
11	Mr. P. L. Mane	<i>PL</i>	<i>PL</i>	<i>PL</i>	<i>PL</i>	<i>PL</i>	<i>PL</i>	<i>PL</i>	<i>PL</i>	<i>PL</i>
12	Mr. R. D. Belekar	<i>RD</i>	<i>RD</i>	<i>RD</i>	<i>RD</i>	<i>RD</i>	<i>RD</i>	<i>RD</i>	<i>RD</i>	<i>RD</i>

SNW
 Dr. S. N. Waghmare



Prabodhan Shikshan Prasarak Santha's
Rajendra Mane College of Engineering and Technology, Ambav (Devrukh)
ISTE approved Short Term Training Programme on
" CAD Modeling using Autodesk Inventor "
18/11/2019 to 22/11/2019
by Mechanical Engineering Department,



Attendance

Sr. No.	Name	21/11/19			22/11/19		
		Session1	Session2	Session3	Session1	Session2	Session3
1	Dr. S. N. Waghmare						
2	Dr. R. V. Dandage						
3	Mr. M.S. Prabhavalkar						
4	Mr. G. S. Jagushte						
5	Mr. S. B. Khandekar						
6	Mr. A.S. Raut						
7	Mr. S. S. Surve						
8	Mr. V. K. Dongare						
9	Mr. A. R. Suwane						
10	Mr. P. R. Kshirsagar						
11	Mr. P. L. Mane						
12	Mr. R. D. Belekar						

Dr. S. N. Waghmare

INDIAN SOCIETY FOR TECHNICAL EDUCATION



FOUNDED 1968

SHORT-TERM TRAINING PROGRAMMES (STTPS)

PROFORMA FOR SENDING PROPOSALS (For Chapters of Indian Society for Technical Education)

Note : Before filling up the Proforma, please read carefully the rules and conditions
(To be filled in by Coordinator)

1.	Name and Address of Host Institution with Pin code	Address: Rajendra Mane College of Engineering and Technology, Ambav Tal. Sangameshwar, Dist. Ratnagiri Pin Code : 415804 Phone: 02354-269400 Fax : 02354-269699 Email: info@smcet.com
2.	Title of the Programme (<i>This should convey the content & main thrust of the programme</i>) (in Capital Letters, please)	"CAD MODELING USING AUTODESK INVENTOR"
3.	The Programme is intended for (Tick one only)	<input checked="" type="checkbox"/> Teachers <input type="checkbox"/> Working Professionals <input type="checkbox"/> Others (specify)
4.	Name, Designation and Address of the Course Coordinator(s) (One Coordinator preferred. More than two not permissible)	1. Dr. Sachin N. Waghmare Associate Professor HOD Mechanical
-	Telephone, Mobile & Email of the Coordinator(s)	9975726362 9404617579 hodmech@smcet.com
-	Highest Qualification of Coordinator(s)	PhD. (Technology)
-	Area of Specialisation	Design Engineering

-	Teaching Experience (years)	15	
-	Industry Experience (years)	04	
-	Number of papers published	25	
-	Number of Short-Term Courses of Summer/Winter Schools attended	07	
-	Number of Short-Term Courses of Summer/Winter Schools conducted earlier	02	
5.	Specialisation area for which the proposal is made (tick one only)	<input type="checkbox"/> Civil <input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> Electrical <input type="checkbox"/> Electronics <input type="checkbox"/> Computer Science <input type="checkbox"/> Pharmacy <input type="checkbox"/> Architecture <input type="checkbox"/> Management <input type="checkbox"/> Hotel Management	<input type="checkbox"/> Basic Sciences (Specify subject) <input type="checkbox"/> Interdisciplinary (Specify areas covered) <input type="checkbox"/> Others (specify)
6.	The course is basically (Tick one only)	<input type="checkbox"/> Subject updating course <input type="checkbox"/> Special course on Emerging areas <input type="checkbox"/> Pedagogy <input checked="" type="checkbox"/> Other (Specify) <u>Use of Soft Tools</u>	
7.	Whether the proposal covers any of the categories indicated (Tick one only)	<input type="checkbox"/> Industry-based programmes with substantial involvement of industry and its experts <input type="checkbox"/> Education Technology/Methodology of teaching <input type="checkbox"/> Training for technical supporting staff <input type="checkbox"/> Emerging Area <input checked="" type="checkbox"/> Others (specify) <u>Use of Soft Tools</u>	
8.	Duration of the programme (Tick one only)	<input checked="" type="checkbox"/> One week (minimum 5 working days) <input type="checkbox"/> Two weeks (minimum 10 working days) <input type="checkbox"/> Three weeks (minimum 15 working days) <input type="checkbox"/> Four weeks (minimum 20 working days)	

9.	Proposed dates for the Programme (specify dates) which may be changed later, if required	From <u>18/11/19</u> To <u>22/11/19</u> Note : It is advisable to commence programme on MONDAY
10.	Do you have enough expertise within your institute and neighbouring places to offer the course satisfactorily? If 'NO', list the names and addresses of outside faculty needed. At least one faculty from IITs or NIITs	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Name of faculty from IITs/NIITs 1. <u>Dr. [unclear]</u> 2. <u>[unclear]</u> 3. <u>[unclear]</u> 4. <u>[unclear]</u> Faculty from other institutes 1. <u>[unclear]</u> 2. <u>[unclear]</u> 3. <u>[unclear]</u> 4. <u>[unclear]</u>

COURSE DETAILS

1.	Significance & Objectives of the programme (list one or two major objectives)	1. To familiarise conversion of an object into a drawing. 2. To become conversant with 2-D & 3-D drafting																		
2.	Course Content/Coverage (List 5 to 8 major topics with proposed duration of coverage in hours for each topic)	<table border="1"> <thead> <tr> <th>Topic</th> <th>Duration</th> </tr> </thead> <tbody> <tr><td>1. Introduction</td><td></td></tr> <tr><td>2. 2D-drawing</td><td></td></tr> <tr><td>3. 3D-Modelling</td><td></td></tr> <tr><td>4. Assembly</td><td></td></tr> <tr><td>5. Drafting</td><td></td></tr> <tr><td>6.</td><td></td></tr> <tr><td>7.</td><td></td></tr> <tr><td>8.</td><td></td></tr> </tbody> </table>	Topic	Duration	1. Introduction		2. 2D-drawing		3. 3D-Modelling		4. Assembly		5. Drafting		6.		7.		8.	
Topic	Duration																			
1. Introduction																				
2. 2D-drawing																				
3. 3D-Modelling																				
4. Assembly																				
5. Drafting																				
6.																				
7.																				
8.																				
3.	Course Schedule	Total working days = <u>05</u> Lecture = <u>09</u> hrs. Laboratory/Practical = <u>12</u> hrs. Industrial/Field Visits = <u>1/11</u> hrs. Others (specify) = <u>1.5</u> hrs. Total hours engaged = <u>21.5</u> hrs.																		
4.	Details of special equipment or laboratory facilities available for the course	<u>CAD/CAM / CAE Laboratory</u>																		
5.	Collaboration with industry/ other institutions/ departments (indicate name of organization, nature of collaboration and experts involved)	1. <u>-</u> 2. <u>-</u>																		

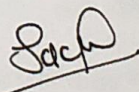
6. Details of Course Faculty (List details of faculty)				
Sl. No.	Name & Designation	Institute	Highest Qualification	Field of Interest/specialisation
1	Prof. A.V. Javir Assistant Professor	AMCED Ambav	ME Design Mumbai University	Design Engineering
2	Prof. S.S. Joshi Assistant Professor	AMCED Ambav	ME Heat & Power Pune University	Automobile Engineering
7.	Audio visual facilities available (Tick relevant ones)		<input checked="" type="checkbox"/> Over Head Projector <input type="checkbox"/> Slide Projector <input type="checkbox"/> 16/35 mm film Projector <input type="checkbox"/> Video System <input type="checkbox"/> Others (specify)	
8.	ISTE Institutional Membership No. of your Institute			
9.	Does your institution have an ISTE Chapter (a) If no, will it make minimum 25 members of ISTE		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	

I certify that the details given above are correct to the best of my knowledge and belief and I will organize the programme satisfactorily if approved. I also promise that I will abide by the terms and conditions contained in the ISTE Proceedings and submit the Final Report with Processing and operational expense to ISTE within 15 days after completion of the Programme.

Place : AMCED, Ambav

Date : 16/11/19

Signature of
Coordinator
with Name

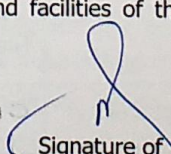

D.E.S.N. Waghmare

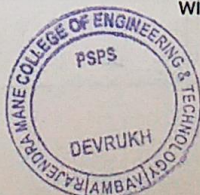
I agree to provide all necessary assistance and facilities of the institute for the conduct of the above programme.

Place : AMCED, Ambav

Date : 16/11/19

Signature of
Principal/Director
with Name


D.E.M.M. Bhaywat.





PRABODHAN SHIKSHAN PRASARAK SANSTHA'S (Reg. No. E - 697 Ratnagiri)

RAJENDRA MANE COLLEGE OF ENGINEERING & TECHNOLOGY

Approved by AICTE New Delhi, Affiliated to Mumbai University & Recognised by D. T. E. Govt. of Maharashtra

Accredited by NAAC with B+ Grade

DTE Code : 3202

At & Po. Ambav (Devrukh), Tal. Sangameshwar, Dist. Ratnagiri, Pin - 415 804 (Maharashtra)
☎(02354) 269400/269401 ● Fax No. : (02354) 269699 ● Email : info@rmcet.com ● Website : www.rmcet.com

RM CET/STTP/19-20/216

Date-14/11/2019

To,

Executive Secretary, ISTE

Shaheed Jeet Singh Marg

Near Katwaria Sarai New Delhi - 110 016

Subject: - For getting ISTE Approval for self-financing One Week STTP "CAD Modeling using Autodesk Inventor"

Dear Sir,

Greetings of the Day...

It give us an immense pleasure to inform you that Rajendra Mane College of Engineering and Technology, Ambav (affiliated to Mumbai university) is organizing self-financing One Week STTP "CAD Modeling using Autodesk Inventor" during 18-22 November 2019. The aim of STTP is to familiarise conversion of an object into a drawing, study conventional representation of various machining and mechanical details as per IS and become conversant with 2-D and 3-D drafting for the Faculty members from Engineering and Polytechnic colleges.

We are requesting you to give ISTE Approval for this self-financing STTP. We are ready to pay the necessary fees so kindly consider our request of ISTE approval for the STTP.

Thanks and Regards

Dr. S. N. Waghmare

Co-ordinator & HOD Mech



Yours sincerely,

Dr. M. M. Bhagwat
Patron & Principal RM CET, Ambav.



ISTE Approved one week STTP on
"CAD Modeling using Autodesk Inventor"
 During 18-22 November 2019

Name: _____

Designation: _____

Qualification: _____

Specialization: _____

Organization: _____

Department/Branch: _____

Mobile No.: _____

Email ID: _____

Signature of Candidate _____

Signature of Authority _____

Place: _____

Date: / /

Contact for Registration

Prof. A. R. Suware- Asst. Professor

Mobile: 9975012279

Registration:

Interested participants can send scanned copy of their duly signed registration forms to the Registration coordinator through email & pay a fee of Rs.200/- in cash at the commencement of STTP to registration in charge.



Chief Patron

Hon. Shri Ravindraji Mane. Ex Minister, Maharashtra
 State, Chairman, PSPS

Patron

Dr. M. M. Bhagwat, Principal, RMCET, Ambav

Coordinator

Dr. S. N. Waghmare, HOD, Mechanical Engineering Dept.

Resource Persons:

Prof. A. V. Javir Asst. Professor

Mechanical Engineering Dept.

Prof. S. S. Joshi Asst. Professor

Mechanical Engineering Dept.

Objectives:

- To familiarise conversion of an object into a drawing.
- To study conventional representation of various machining and mechanical details.
- To become conversant with 2-D and 3-D drafting

Course Contents:

- Introduction applications of software used in engineering
- 2D drawing - Sketch
- 3D Modelling of Engineering Component
- Assembly
- Drafting



**Rajendra Mane College of
 Engineering and Technology,
 Ambav**

(Approved by AICTE, New Delhi, Recognized by DTE, Maharashtra, Affiliated to University of Mumbai, Accredited by NAAC with 'B+' Grade, Placed in 'Gold Category' in AICTE CII Survey, "Best Campus Award" (Engineering Campus) from Indian Society for Technical Education (ISTE), New Delhi for Year 2017-18)

Announces

ISTE Approved
 One week STTP on

**"CAD Modeling using Autodesk
 Inventor"**

During 18-22 November 2019

Organized by

**Department of Mechanical Engineering
 Rajendra Mane College of Engineering and**

Technology, Ambav

Tal- Sangameshwar,

Dist. - Ratnagiri-415804

www.rmct.com

One week FDP on "CAD Modeling using Autodesk Inventor"

CONTENTS

Day	Time	Session wise Content
Day 1	10.30am to 12.00pm	Session 1 : Introduction on use of CAD in Engg.-Theory
	12.00pm to 12.15pm	Tea Break
	12.15pm to 1.45pm	Session 2 : Sketching Commands
	01.45pm to 2.45pm	Lunch Break
	03.00pm to 4.30pm	Session 3: Hands-on engineering components sketching
Day2	10.30am to 12.00pm	Session 1 : Introduction on types of 3D solid modeling
	12.00pm to 12.15pm	Tea Break
	12.15pm to 1.45pm	Session 2 : 3D Solid modeling commands
	01.45pm to 2.45pm	Lunch Break
	03.00pm to 4.30pm	Session 3: Hands-on 3D Solid modeling .
Day3	10.30am to 12.00pm	Session 1 : Hands on 3D Solid modeling
	12.00pm to 12.15pm	Tea Break
	12.15pm to 1.45pm	Session 2 : Hands on 3D Solid modeling
	01.45pm to 2.45pm	Lunch Break
	03.00pm to 4.30pm	Session 3: Hands on 3D Solid modeling
Day4	10.30am to 12.00pm	Session 1 : Assembly in CAD -Introduction
	12.00pm to 12.15pm	Tea Break
	12.15pm to 1.45pm	Session 2 : Hands on Assembly
	01.45pm to 2.45pm	Lunch Break
	03.00pm to 4.30pm	Session 3: Hands on Assembly
Day5	10.30am to 12.00pm	Session 1 : Drafting Introduction
	12.00pm to 12.15pm	Tea Break
	12.15pm to 1.45pm	Session 2 : Hands on Drafting
	01.45pm to 2.45pm	Lunch Break
	03.00pm to 4.30pm	Session 3: Test on 3D modeling, assembly & drafting.