JAGADAMBHA BAHUUDDESHIYA GRAMIN VIKAS SANSTH'S

JAGADAMBHA
COLLEGE OF ENGINEERING & TECHNOLOGY , YAVATMAL
Approved by A.I.C.T.E. & Government of Maharashtra, Affiliated to S.G.B. Amravati University, Amravati

COLLEGE CODE EN- 1127

Civil Engineering Department
A Certificate Course Report

Online Certificate Course on
"Skill Development Program on Primavera- P6"
By Excelr, Bengaluru, Karnataka

Academic Year: 2020-21   **Course Code: KDPP-2020**

Department of Civil Engineering organized **Online Certificate Course on Skill Development Program on Primavera- P6** for students to inform the audience about the upcoming market scenarios that will be faced by Civil Engineers in the field of project planning and management.

1. Course Date: 10/09/2020 to 21/09/2020

2. Mode of Course conduction: Online Mode on Zoom Application

3. Name of Course Expert: Dr. Meghana Dixit

3. Name of Course Coordinator: Asst. Prof. R. J. Raut

4. Expected Audience: Students

5. Number of Participants: 38

6. Hours per Day: 03 Hours per Day (36 Hours)

Objectives:-

- Ability to create and manage project enterprise structure within Primavera P6 database
- Create project work breakdown structure
- Develop resource loaded or simple project schedule
- Manage the project time frame related constraints
- To understand basic work culture in corporate sector.

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Principal
Jagadambha College of Engineering &
Technology, Ami Road,Kinhi, Yavatmal

Syllabus:-

1. Introduction Topics: Introduction about Portfolio, Program and Projects, Introduction to Project Management, Introduction to Primavera, History of Planning, Skills required for Planning, Project Phases & Life Cycle

2. Primavera P6 Architecture   Learning Objective: In this Chapter, you can able to understand P6 Architecture in detail

3. Portfolio Program & Project Structure Creation Learning Objective: In this Chapter, you will be introduced to P6 tool options and settings. Creating Portfolio, Program and Projects.

4. Project Code and Calendars   Learning Objective: In this Chapter, you will be familiar in creating Calendar and Project Codes.

5.1 Project Time Management, WBS & Activities Learning Objective: In this Chapter, you will deep dive into WBS, Activities, types and its relationship.

5.2 Scheduling and Constraints Learning Objective: In this Chapter, you will get expertise in Scheduling and applying constraints

6. Project Resource management Learning Objective: In this Chapter, you will get knowledge of creating resources and mapping resources to project activities effectively

7. Project Cost Management Learning Objective: In this Chapter, you will be familiar in creating costing and managing it.

8. Project Risk Management Objective: In this Chapter, you will get expertise in creating and managing risk in P6.

9. Project Monitoring & Control Learning Objective: In this Chapter, you will be familiar in updating project and controlling it.

10. Schedule Comparison Learning Objective: In this Chapter, you will be familiar in comparing the Project schedules.

11. Reflections Learning Objective: In this Chapter, you will be familiar in creating reflections.

12. Reporting Learning Objective: In this Chapter, you will be familiar in working with all types of reports in P6.

13. Other Important Features Learning Objective: In this Chapter, you will be familiar in all important P6 tool features.

The schedule:-

Date	Time	Syllabus covered
Day 1: 10/09/2020	9.30 am to 12.30 pm	Introduction on Primavera P6& Starting up and navigation
Day 2: 11/09/2020	02.00 pm to 05.00 pm	Creating a new project Defining calendars
Day 3: 12/09/2020	02.00 pm to 05.00 pm	Creating a Primavera project WBS Adding activities and organizing under the WBS

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Day 4: 13/09/2020	02.00 pm to 05.00 pm	Formatting the display Adding relationships
Day 5: 14/09/2020	02.00 pm to 05.00 pm	Schedule Creation & Activity network view Constraints
Day 6: 15/09/2020	02.00 pm to 05.00 pm	Organizing Primavera Data Use of Filters
Day 7: 16/09/2020	02.00 pm to 05.00 pm	Printing and reports Updating a schedule (non-resourced)
Day 8: 17/09/2020	02.00 pm to 05.00 pm	Creating roles and resources Assigning resources and expenses
Day 9: 18/09/2020	02.00 pm to 05.00 pm	Resource optimization Base lining the project plan
Day 10: 19/09/2020	02.00 pm to 05.00 pm	Updating a resourced schedule Primavera Workshop
Day 11: 20/09/2020	02.00 pm to 05.00 pm	- Adding activities (Doubt clearing and other quires regarding training)
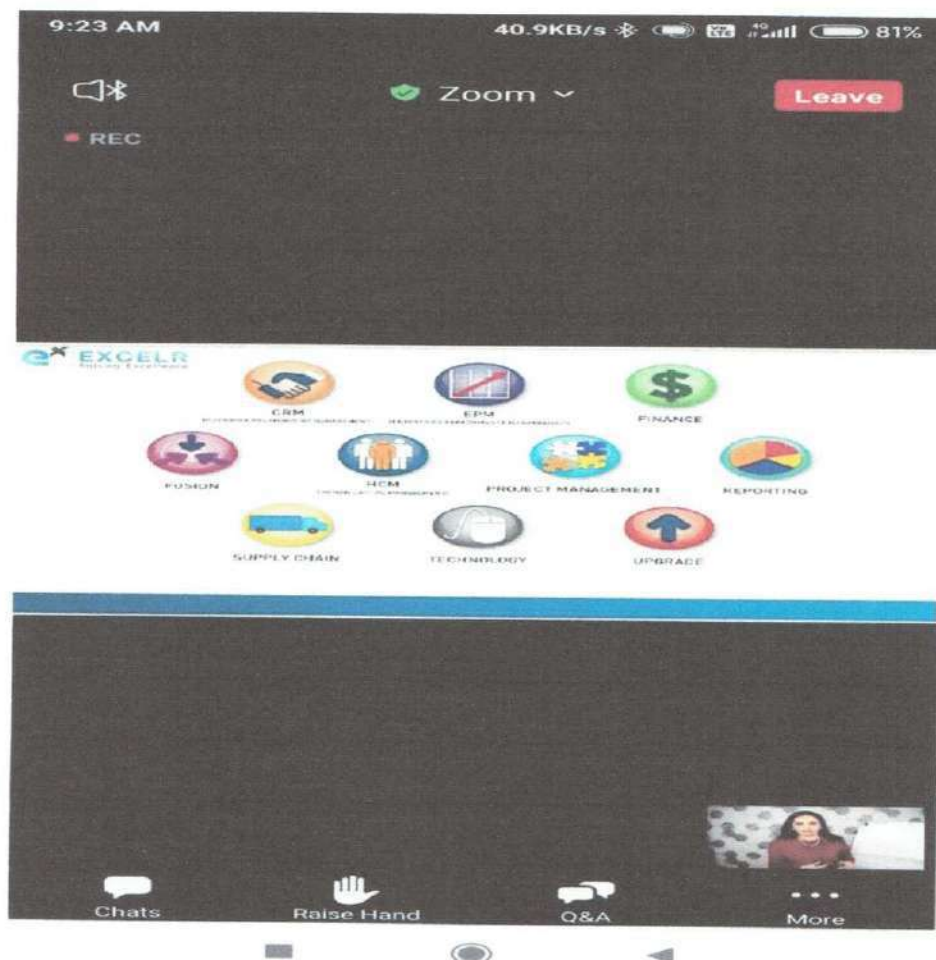
Screenshot 1: Expert during the online session

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Technology, Ami Road,Kinhi,Yavatmal

Screenshot 2: The students during the online session

List of registered and participated students is as under,

Sr. No.	Name of Students
1.	Trupti Jumde
2.	Twinkal Ladhe
3.	Ujwala Kamble
4.	Vaibhav Deshmukh
5.	Vishal Rathod
6.	Vishal Chavhan
7.	Vishal Nagpure
8.	Jayesh Shrirao Thakre
9.	Shubham Jadhao
10.	Suraksha Sonone
11.	Snehal Chandankhede
12.	Snehal Parate
13.	Srushti Kinhekar
14.	Sukanya Patil
15.	Sweety Bhokte

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16.	Tejaswini Tale	
17.	Alankita Patil	
18.	Anija Chinchilkar	
19.	Arpita V. Bhavre	
20.	Atharva Kale	
21.	Balavant Hemke	
22.	Rupal Katare	
23.	Deep Ramteke	
24.	Diksha Meshram	
25.	Dnyneshwar Jadhao	
26.	Gopal Navghare	
27.	Jagruti Ther	
28.	Laxmikat Madane	
29.	Megha Turakne	
30.	Navneet Rathod	
31.	Onkesh Rathod	
32.	Pallavi Jadhav	
33.	Prasad Kale	
34.	Pratiksha Lasvante	
35.	Pranv Bahad	
36.	Priya Patil	
37.	Nayan Patil	
38.	Kirti Kalaskar	

Course Outcomes:-

- Students can create and manage project enterprise structure within Primavera P6 database

- Students able to create project work breakdown structure

- Can develop simple project schedule

- Will able to manage the project time frame related constraints

- Understood work culture in corporate sector.

Asst. Prof. R. J. Raut
Course Coordinator

Asst. Prof. Sagar R. Raut
H.O.D., Civil Engg. Dept.

Principal
Jagadambha Collage of Engineering &
Technology Arni Road,Kinhi,Yavatmal

Civil Engineering Department

<u>Attendance of Online "Skill Development Program on Primavera- P6"</u>

Sr. No.	Name of Students	10/ 09/ 20	11/ 09/ 20	12/ 09/ 20	13/ 09/ 20	14/ 09/ 20	15/ 09/ 20	16/ 09/ 20	17/ 09/ 20	18/ 09/ 20	19/ 09/ 20	20/ 09/ 20
1.	Trupti Jumde	A	P	P	A	P	A	P	P	A	P	P
2.	Twinkal Ladhe	P	P	P	P	P	P	P	P	P	P	P
3.	Ujwala Kamble	P	A	P	P	P	P	A	P	P	P	P
4.	Vaibhav Deshmukh	P	P	P	P	P	P	P	P	P	P	P
5.	Vishal Rathod	P	A	P	P	P	P	A	P	P	P	P
6.	Vishal Chavhan	A	P	P	P	A	A	P	P	P	A	A
7.	Vishal Nagpure	P	P	P	P	P	P	P	P	P	P	P
8.	Jayesh Shrirao Thakre	P	P	P	P	P	P	P	P	P	P	P
9.	Shubham Jadhao	P	P	P	P	P	P	P	P	P	P	P
10.	Suraksha Sonone	P	P	P	P	P	P	P	P	P	P	P
11.	Snehal Chandankhede	P	P	P	P	P	P	P	P	P	P	P
12.	Snehal Parate	P	P	P	P	P	P	P	P	P	P	P
13.	Srushti Kinhekar	A	A	A	A	A	A	A	A	A	A	A
14.	Sukanya Patil	P	P	P	P	P	P	P	P	P	P	P
15.	Sweety Bhokte	P	P	P	P	P	P	P	P	P	P	P
16.	Tejaswini Tale	P	P	P	P	P	P	P	P	P	P	P
17.	Alankita Patil	P	P	P	P	P	P	P	P	P	P	P
18.	Anija Chinchilkar	P	P	P	P	P	P	P	P	P	P	P
19.	Arpita V. Bhavre	P	A	P	P	P	P	A	P	P	P	P
20.	Atharva Kale	P	P	P	P	P	P	P	P	P	P	P
21.	Rupal Katare	P	P	P	P	P	P	P	P	P	P	P
22.	Deep Ramteke	P	P	P	P	P	P	P	P	P	P	P
23.	Diksha Meshram	P	P	P	P	A	P	P	P	P	A	A
24.	Dnyneshwar Jadhao	P	P	P	P	P	P	P	P	P	P	P
25.	Gopal Navghare	P	P	P	P	P	P	P	P	P	P	P
26.	Jagruti Ther	P	P	P	P	P	P	P	P	P	P	P
27.	Laxmikat Madane	P	P	P	P	P	P	P	P	P	P	P

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Principal
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Technology,Ami Road,Kinhi,Yavatmal

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Sr. No.	Name of Students	10/09/20	11/09/20	12/09/20	13/09/20	14/09/20	15/09/20	16/09/20	17/09/20	18/09/20	19/09/20	20/09/20
28.	Megha Turakne	P	P	P	P	P	P	P	P	P	P	P
29.	Navneet Rathod	P	P	P	P	P	P	P	P	P	P	P
30.	Onkesh Rathod	P	P	P	P	P	P	P	P	P	P	P
31.	Pallavi Jadhav	A	P	P	P	P	P	A	P	P	P	P
32.	Prasad Kale	P	P	P	P	P	P	P	P	P	P	P
33.	Pratiksha Lasvante	P	P	P	P	P	P	P	P	P	P	P
34.	Pranv Bahad	P	P	P	P	P	P	P	P	P	P	P
35.	Priya Patil	P	P	P	P	P	P	P	P	P	P	P
36.	Nayan Patil	P	P	P	P	P	P	P	P	P	P	P
37.	Vishal Dhurve	P	P	P	P	P	P	P	P	P	P	P
38.	Yash Taywade	P	P	P	P	P	P	P	P	P	P	P

Prof. V. R. Bankar
Course Coordinator

Prof. S. S. Kendhe
H.O.D., Civil Engg. Dept.

Dr. Hemant M. Baradka
Principal
Jagadambha College of Engineering &
Technology, Arni Road, Kinhi, Yavatm

IN
COLLABRATION
WITH

JAGADAMBHA
COLLEGE OF ENGINEERING & TECHNOLOGY, YAVATMAL

CERTIFICATE OF COMPLETION
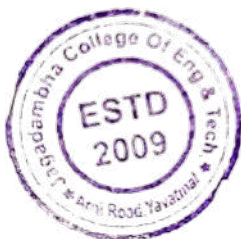
THIS IS TO CERTIFY THAT

Miss. Anuja R. Chincholkar

HAS SUCCESSFULLY COMPLETED THE "ONLINE CERTIFICATE COURSE FOR
SKILL DEVELOPMENT PROGRAM ON PRIMAVERA-P6" ORGANIZED BY
DEPARTMENT OF CIVIL ENGINEERING,JAGADAMBHA COLLEGE OF ENGINEERING &
TECHNOLOGY, YAVATMAL FROM 10/09/2020 TO 21/09/2020.

PROF. V R. BANKAR
COURSE CO-ORDINATOR

DR. MEGHNA DIXIT
COURSE TRAINER

PROF. S. R. RAUT
H. O. D.

DR. H. M. BARADKAR
PRINCIPAL, JCOET, YAVATMAL

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Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology, Ami Road,Kinhi, Yavatmal

ABOUT DEPARTMENT

The Jagadambha College of Engineering and Technology established the department of civil engineering in academic year 2009 – 2010.In view of present requirement scenario, Department of Civil Engineering is with an intake of 120 students for UG & 18 students for PG course. Department has highly qualified and fully dedicated staff. Department is developing well equipped laboratories like- Engineering Mechanics, Concrete Technology, Strength of Materials, Fluid Mechanics, Engineering Geology, Geotechnical Engineering, Transportation engineering and Surveying to cop up the needs of the academics. Department focuses on making the student enough competent to get placed in well known companies. CESA (Civil Engineering student Association) is thestudent association, which looks into the various co-curricular activities in the department. The Department arranges various expert lectures, educational visits for students.

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering & Technology, Arni Road,Kinhi,Yavatmal

ESTD 2009

PRINCIPAL

DR. H. M. BARADKAR

JCOET, YAVATMAL

CONVENER

PROF. S. R. RAUT

H.O.D. CIVIL ENGG. DEPT.

TRAINING ORGANIZER

PROF. V. R. BANKAR

ASST. PROF. CIVIL ENGG. DEPT.

TRAINING CO-ORDINATOR

PROF. S. R. RAUT

PROF. R. J. RAUT

PROF. V. R. BANKAR

COURSE EXPERT
DR. MEGHANA DESHMUKH
HEAD TRAINER (EXCELR, BANGALURU)

BRIEF OF COURSE

Department of Civil Engineering organized a live session on Skill Development Program on Primavera- P6for students to inform the audience about the upcoming market scenarios that will be faced by Civil Engineers in the field of project planning and management.

MODE OF COURSE

ONLINE ON ZOOM APP.

TIMING

2:00 PM TO 5:00 PM

LINK WILL BE PROVIDED ONE DAY BEFORE THE COURSE

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About Us

Jagadambha Bahuuddeshiya Gramin Vikas Sanstha was formed in the year 2003 by the visionary Dr. Shittal A. Watile renouned educationalist with the lofty aim of providing quality professional education and meeting the rising expectations of the industry as well as the young students in region & around. Jagadambha College of Engineering & Technology, Yavatmal , was established by JBGVS on an expanse of 11 acres on Nagpur Tuljapur Highway just 5 Km. from Yavatmal bus stand. The Institute is located at quite calm and peaceful area an ideal site for teaching learning, with the approval of All India Council for Technical Education and Govt. of Maharashtra. The college started functioning from the academic year 2009-10, initially with four branches with a total intake of 240 students. The college is affiliated to Sant Gadge Baba Amravati, University. The present intake of the College is 360 students with five core branches of Engineering at B.E. Level. The Institute has started four M.E. Courses from 2013-14 like Mechanical CAD-CAM, Computer Science & Engineering, Structural Engineering & Electronics & Telecommunication Engineering with total intake 72, which makes the highest intake among all Engineering Colleges in Yavatmal City in a short span of time. Jagadambha College of Engineering & Technology, Yavatmal is marching to achieve the objective of excellence in the field of Engineering & Technology.

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REGISTRATION LINK -
HTTPS://FORMS.GLE/VQIAHJPGWEVSD5PU8
REGISTRATER YOURSELF BEFORE 8TH SEPT. 2020

CONTACT US
bankar.vikky@gmail.com / +91 966 519 8816

COURSE OBJECTIVES:-

- ABILITY TO CREATE AND MANAGE PROJECT ENTERPRISE STRUCTURE WITHIN PRIMAVERA P6 DATABASE
- CREATE PROJECT WORK BREAKDOWN STRUCTURE
- DEVELOP RESOURCE LOADED OR SIMPLE PROJECT SCHEDULE
- MANAGE THE PROJECT TIME FRAME RELATED CONSTRAINTS
- TO UNDERSTAND BASIC WORK CULTURE IN CORPORATE SECTOR.

COURSE SYLLABUS:-

1. INTRODUCTION TOPICS: PORTFOLIO, PROGRAM AND PROJECTS, PROJECT MANAGEMENT, HISTORY OF PLANNING, SKILLS REQUIRED FOR PLANNING, PROJECT PHASES & LIFE CYCLE

2. PRIMAVERA P6 ARCHITECTURE LEARNING OBJECTIVE

3. PORTFOLIO PROGRAM & PROJECT STRUCTURE CREATION LEARNING OBJECTIVE

4. PROJECT CODE AND CALENDARS LEARNING OBJECTIVE

5 PROJECT TIME MANAGEMENT, WBS & ACTIVITIES LEARNING

6. PROJECT RESOURCE MANAGEMENT LEARNING

7. PROJECT COST MANAGEMENT LEARNING

8. PROJECT RISK MANAGEMENT

9. PROJECT MONITORING & CONTROLLEARNING

10. SCHEDULE COMPARISON LEARNING

11. REFLECTIONS LEARNING

12. REPORTING LEARNING

13. OTHER IMPORTANT FEATURES LEARNING

JAGADAMBHA
COLLEGE OF ENGINEERING & TECHNOLOGY, YAVATMAL

DEPARTMENT OF CIVIL ENGINEERING ORGANIZING

"ONLINE CERTIFICATE COURSE ON PRIMAVERA-P6"

IN COLLBRATION WITH

EXCELR
Raising Excellence

DATE: 10/09/2020 TO 21/09/2020

A
Report on

Online Certificate Course on Auto CAD as a supporting tool in BIM

JAGADAMBHA
COLLEGE OF ENGINEERING & TECHNOLOGY , YAVATMAL

Arni Road, Yavatmal - 445001 (M.S.)

Ph. 07232-244226, Fax : 07232-244226, Cell : 98 5005 3333

E-mail : principal.jcoet@gmail.com, principal@jcoet.org

Website : www.jcoet.org

Department of Civil Engineering

Dr. Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal

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Department of Civil Engineering
Organizing an
Online Certificate Course
ON
Auto CAD as a supporting tool in BIM

Academic Year: 2020-21   **Course Code: CADBIM-2020**

1.Title of Activity	Online Certificate Course on Auto CAD as a supporting tool in BIM (Civil Engineering)
2. Organizer	CADD Center, Nagpur
3. Date of Activity	12/10/2020 to 16/10/2020
4. Objective	To get the knowledge about AutoCAD Software
5. Venue	Civil Seminar Hall, JCOET, Yavatmal
6. No. of Beneficiary	50 Students from civil Engineering
7. Hours per day	07 Hours (36 hrs)

Objectives:-

- Learn sketching and taking field dimensions.
- Take data and transform it into graphic drawings.
- Learn basic engineering drawing formats.
- Learn basic AutoCad skills.
- Learn who draw 2D drawings in Auto-Cad.

Syllabus:

1. Introduction to Engineering Drawings
   - Projections (First & Third angle)
   - Views (Orthographic, Isometric & Perspective)

2. Introduction to AutoCAD
   - History
   - Exploring GUI
   - Workspaces

3. Status Bar: - Ortho, polar, grid, object snap, object snap track, dynamic input.

4. Draw tools:-Line, construction line, rectangle, polygon, circle, Arc, Spline, Revision cloud, Ellipse, Ellipse Arc.

5. Modify Tools:- Erase, Oops, Undo, Redo, Explode, Move, Copy, Rotate, Mirror, Array, Align, Scale, Stretch, Lengthen, Trim, Extend, Break, Join, Chamfer, Fillet.
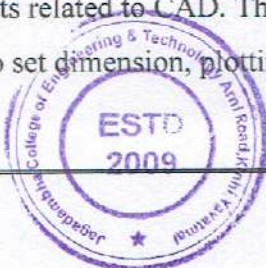
Dr.Hemant M. Baradkar
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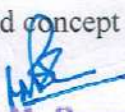
6. Drawing Tools: Multiline, Pline, Spline, Xline, Ray, Wipeout, Revison cloud.

7. Modify Tools: Mlstyle, Mledit, Pedit, Spline dit, Offset.

8. Grip Editing.

9. Display Control: Zoom, Pan, Redraw, Clean Screen, Steering wheels.

10. Object Properties: Color, Line type, Lt scale, Line weight, Properties, Match prop.

11. Object Selection Methods
   - Select, Q-select, Filter
   - Symbol, Creation Block, Base, W-block, Insert.

12. Layer Management
   - Adding / Removing Layers
   - Layer Status
   - New Property Filter
   - New Group Filter
   - Layer Status Manager
   - Plot Control

13. Dimension :- Linear, Aligned, Radius, Diameter, Center Mark, Angle, Arc length, Continuous, Baseline, Tolerance, Dimension Space, Dimension Break, Inspection, Jogged radius, Ordinate dimensions. Leader, Q leader.

   - M leader, Multi leader style, Add leader, Align Leader lines, Collect Leader
     · Dim edit, dimtedit, Dimension Associative, Re-associate.
     · Dimension Style
     · Project 1
   - OLE concepts – Hyperlink
     · External references E transmit,
     · Introduction to plotting, Layout, Viewports, Plot Styles, Plot Plans, Civil, Electrical plans.

Brief Report

The training program on 'AutoCAD" was inaugurated on 12th October 2020. This training program was organized from date 12th October to 16th October 2020. For inaugural function, on dais guest Mr. Avinash Chate from CAD Center Nagpur, Prof. S. S. Kendhe Head of Civil Engineering Department, Prof. S. R.Raut, CESA Incharge, Prof. P. P. Deogade Co-ordinator were present. Also Students, teaching staffs and non-teaching staff of Civil Engineering Department were present.

In this training program, Mr. Avinash Chate cleared the technical as well as theoretical concepts of students related to CAD. They covered all the major topics started from Projection, its views, grip editing, how to set dimension, plotting method and other related topics necessary to understand concept of CAD.

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The valedictory function on 16th October 2020 was chaired by Prof. S. S. Kendhe, guest Mr. Avinash Chate. The chairman of valedictory function was Honb'le Secretary J.C.O.E.T., Yavatmal Dr. Shittal A. Watile.

The schedule for the 5 days AutoCAD workshop is given below,

Date	Time	Event
12/10/2020 Monday	11:00 a.m. to 12:15 a.m.	Inauguration Function
	01:00 a.m. to 5:00 p.m	**Introduction to Engineering Drawings**
		o Projections (First &Third angle)
		o Views (Orthographic, Isometric & Perspective)
		Introduction to AutoCAD
		o History
13/10/2020 Tuesday	11:00 a.m. to 5:00 p.m	**Status Bar:-** Ortho, polar, grid, object snap, object snap track, dynamic input
		Draw tools:-Line, construction line, rectangle, polygon, circle, Arc, Spline, Revision cloud, Ellipse, Ellipse, Arc
		Modify Tools:- Erase, Oops, Undo, Redo, Explode, Move, Copy, Rotate, Mirror, Array, Align, Scale, Stretch, Lengthen, Trim, Extend, Break, Join, Chamfer, Fillet
14/10/2020 Wednesday	11:00 a.m. to 5:00 p.m	**Drawing Tools:** Multiline, Pline, Spline, Xline, Ray, Wipeout, Revison cloud
		Modify Tools: Mlstyle, Mledit, Pedit, Spline dit, Offset
		Grip Editing
		Display Control: Zoom, Pan, Redraw, Regen, Clean Screen, Steering wheels
		Object Properties: Color, Line type, Lt scale, Line weight, Properties, Match prop
		Object Selection Methods
		o Select, Qselect, Filter
		Symbol , Creation Block, Base, Wblock, Insert
15/10/2020 Thursday	11:00 a.m. to 5:00 p.m	**Layer Management**
		Dimension :- Linear, Aligned, Radius, Diameter, Center Mark, Angle, Arc length, Continuous, Baseline, Tolerance, Dimension Space, Dimension Break, Inspection, Jogged radius, Ordinate dimensions.
		Mleader, Multi leader style, Add leader, Align Leader lines, Collect Leader · Dim edit, dimtedit, Dimension Associative, Reassociate · Dimension Style · Project 1
16/10/2020 Friday	11:00 a.m. to 5:00 p.m	OLE concepts – Hyperlink
		· External references
		· Introduction to plotting, Layout, Viewports, Plot Styles, Plot Plans, Civil
		Valedictory Function

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Close **Participants (62)**

Q Search

V vaishali bhagat (me)

Pranay Deogade (Host)

DV Dipali vijayrao chakule

PR Pushpak Rathod

SS Shailesh sawarkar

-P -Shalini Pachbhai-JCOET

001Kartik Zite Yavatmal

1

2P 2RF- PRANAV BAHAD JC...

2P 2RF-PANKAJ PRASAD-JC...

5R 53 Rajesh Rathod

14:13

Close **Participants (61)**

Q Search

PK Prerana Kamble (me)

Pranay Deogade (Host)

DV Dipali vijayrao chakule

PR Pushpak Rathod

SS Shailesh sawarkar

-P -Shalini Pachbhai-JCOET

001Kartik Zite Yavatmal

1

2P 2RF- PRANAV BAHAD JCOET

2P 2RF-PANKAJ PRASAD-JCOET

Invite

Screenshots of Students during online session

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Arni Road,Kinhi,Yavatmal

List of Registered & Participated students is as under

Sr. No.	Name of Students
1.	Maya D. Gadhe
2.	Ram S.Aru
3.	Yash M. Raut
4.	Yogesh D. Jane
5.	Ku.Rutuja S.Shirbathe
6.	Anush V. Rathod
7.	Shital A. Bhoyar
8.	Rupal U. Katare
9.	Om G. Dengle
10.	Shalani N.Panchbhai
11.	Prem R.Fulzhale
12.	Snehal Parate
13.	Lakhan Gangawane
14.	Vivek Chikne
15.	Jagruti J. Ther
16.	Mayur Deulkar
17.	Abhishek V.Kohar
18.	Rushikesh V.Yavatkar
19.	Arpita V. Bhavre
20.	Madhiuri Bhosle
21.	Sonal Chute
22.	Akshay Shivankar
23.	Pravin Vaghade
24.	Gaurav Bhange
25.	Atharva Kale
26.	Shoib Ahmad
27.	Jagruti Ther
28.	Laxmikat Madane
29.	Pratiksha R. Khade
30.	Dipak Wankhede
31.	Ashwin Ade
32.	Kapil Khatade
33.	Kartik Nikam
34.	Poonam Sontake
35.	Abhishek Jadhav
36.	Shubham Dhurat
37.	Sudesh Rajendra Raut
38.	Shruti Kinekar
39.	Swapnil Haridas Padhen
40.	Sachin Jadhav
41	Rajesh Rathod
42	Shubham Ade
43	Sudhir Savatkar

Dr.Hemant M. Baradkar
Principal
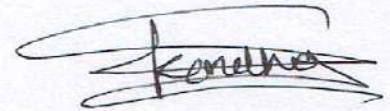Jagadambha College of Engineering &
Technology,Arni Road,Kinhi,Yavatmal

44	Palyal Bansod
45	Sagar Parise
46	Tejas Patil
47	Pallavi Jadhav
48	Diksha Meshram
49	Priya Patil
50	Sahil Zade

Course Outcomes:-

- Student's ability to hand letter will improve.
- Student's ability to perform basic sketching techniques will improve.
- Students will be able to draw projections and sections.
- Student's ability to use engineering scales will increase.
- Student's ability to produce engineered drawings will improve.
- Students will become familiar with office practice and standards.
- Students will become familiar with AutoCad two-dimensional drawings.
- Students will develop good communication skills and teamwork.

Prof. P. P. Deogade
Course Co-Ordinator

Prof. S. S. Kendhe
H.O.D., Civil Engg. Dept.

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Arni Road,Kinhi,Yavatmal

JAGADAMBHA BAHUUDDESHIYA GRAMIN VIKAS SANSTH'S

JAGADAMBHA

COLLEGE OF ENGINEERING & TECHNOLOGY , YAVATMAL

Approved by A.I.C.T.E. & Government of Maharashtra, Affiliated to S.G.B. Amravati University, Amravati.

COLLEGE CODE EN- 1127

Civil Engineering Department

Attendance of Online Certificate Course on "Auto CAD as supporting tool in BIM"

Sr. No.	Name of Students	12/10/2020	13/10/2020	14/10/2020	15/10/2020	16/10/2020
1.	Maya D. Gadhe	P	A	P	P	A
2.	Ram S.Aru	P	P	P	P	P
3.	Yash M. Raut	P	P	A	P	P
4.	Yogesh D. Jane	P	P	P	P	P
5.	Ku.Rutuja S.Shirbathe	P	P	A	P	P
6.	Anush V. Rathod	P	A	P	P	P
7.	Shital A. Bhoyar	P	P	P	P	P
8.	Rupal U. Katare	P	P	P	P	P
9.	Om G. Dengle	P	P	P	P	P
10.	Shalani N.Panchbhai	P	P	P	P	P
11.	Prem R.Fulzhale	P	P	P	P	P
12.	Snehal Parate	P	P	P	P	P
13.	Lakhan Gangawane	P	A	A	A	A
14.	Vivek Chikne	P	P	P	P	P
15.	Jagruti J. Ther	P	P	P	P	P
16.	Mayur Deulkar	P	P	P	P	P
17.	Abhishek V.Kohar	P	P	P	P	P
18.	Rushikesh V.Yavatkar	P	P	P	P	P
19.	Arpita V. Bhavre	P	P	A	P	P
20.	Madhiuri Bhosle	P	P	P	P	P
21.	Sonal Chute	P	P	P	P	P
22.	Akshay Shivankar	P	P	P	P	P
23.	Pravin Vaghade	P	P	P	P	P
24.	Gaurav Bhange	P	P	P	P	P
25.	Atharva Kale	P	P	P	P	P
26.	Shoib Ahmad	P	P	P	P	P
27.	Jagruti Ther	P	P	P	P	P
28.	Laxmikat Madane	P	P	P	P	P

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Arni Road,Kinhi,Yavatmal

29.	Pratiksha R. Khade	A	P	P	P	P
30.	Dipak Wankhede	P	P	P	P	P
31.	Ashwin Ade	P	A	P	P	P
32.	Kapil Khatade	P	P	P	P	P
33.	Kartik Nikam	P	P	P	P	P
34.	Poonam Sontake	P	P	P	P	P
35.	Abhishek Jadhav	P	P	P	P	P
36.	Shubham Dhurat	P	P	P	P	P
37.	Sudesh Rajendra Raut	P	P	P	P	P
38.	Shruti Kinekar	P	P	P	P	P
39.	Swapnil Haridas Padhen	P	P	P	P	P
40.	Sachin Jadhav	P	P	P	P	P
41	Rajesh Rathod	A	P	P	P	P
42	Shubham Ade	P	P	P	P	P
43	Sudhir Savatkar	P	A	P	P	P
44	Palyal Bansod	P	P	P	P	P
45	Sagar Parise	P	P	P	P	P
46	Tejas Patil	P	P	P	P	P
47	Pallavi Jadhav	P	P	P	P	P
48	Diksha Meshram	P	P	P	P	P
49	Priya Patil	P	P	P	P	P
50	Sahil Zade	P	P	P	P	P

Prof. P. P. Deogade

Course Coordinator

Prof. S. S. Kendhe

H.O.D., Civil Engg. Dept.

ESTD
2009

Dr. Hemant M. Baradkar

Principal

Jagadambha College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal

CERTIFICATE OF PARTICIPATION

This certificate is proudly presented to

Miss. Srushti Fasate

On successful completion of Online Certificate Course on
"AUTO CAD AS A SUPPORTING TOOL IN BIM"
Organized for Civil Engineering students
organized by

Department of Civil Engineering, Jagadambha College of Engineering & Technology Yavatmal.
The Course was conducted during 12/10/2020 to 16/10/2020.

Mr. Avinash Chate
Trainer
(CAD Center Nagpur)

Prof. P. P. Deogade
Co-Ordinator

Prof. S. S. Kendhe
HOD

Dr. H. M. Baradkar
Principal

JAGADAMBHA
COLLEGE OF ENGINEERING & TECHNOLOGY, YAVATMAL
Approved by A.I.C.T.E. & Government of Maharashtra, Affiliated to S.G.B. Amravati University, Amravati

DEPARTMENT OF CIVIL ENGINEERING

Organizing

Online
Online Certificate
Course on

Auto CAD as a supporting tool in BIM On date 12/10/2020 to 16/10/2020

In Association With

CADD CENTRE
Skills Driven. Job Led

CADD CENTRE, Nagpur.

ESTD 2009

About Course :-
This Course contains:-
- Introduction to Engineering Drawings
- Introduction to AutoCAD
- Status Bar: - Ortho, polar, grid, object snap, object snap track, dynamic input.
- Draw tools:-Line, construction line, rectangle, polygon, circle, Arc, Spline, Revision cloud, Ellipse, Ellipse Arc.
- Modify Tools: Erase, Oops, Undo, Redo, Explode, Move, Copy, Rotate, Mirror, Array, Align, Scale, Stretch, Lengthen, Trim, Extend, Break, Join, Chamfer, Fillet.
- .Drawing Tools: Multiline, Pline, Spline, Xline, Ray, Wipeout, Revison cloud
- Modify Tools: Mlstyle, Mledit, Pedit, Spline dit, Offset.
- Grip Editing
- Display Control: Zoom, Pan, Redraw, Clean Screen, Steering wheels.
- Object Properties: Color, Line type, Lt scale, Line weight, Properties, Match prop.
- Object Selection Methods
- Layer Management
- Dimension :- Linear, Aligned, Radius, Diameter, Center Mark, Angle, Arc length, Continuous, Baseline, Tolerance, Dimension Space, Dimension Break, Inspection, Jogged radius, Ordinate dimensions. Leader, Q leader.
- M leader, Multi leader style, Add leader, Align Leader lines, Collect Leader
- OLE concepts – Hyperlink

About Civil Engineering Department :-

The Jagadambha College of Engineering and Technology established the department of civil engineering in academic year 2009 – 2010.In view of present requirement scenario, Department of Civil Engineering is with an intake of 120 students for UG & 18 students for PG course. Department has highly qualified and fully dedicated staff. Department is developing well equipped laboratories like- Engineering Mechanics, Concrete Technology, Strength of Materials, Fluid Mechanics, Engineering Geology, Geotechnical Engineering, Transportation engineering and Surveying to cop up the needs of the academics. Department focuses on making the student enough competent to get placed in well known companies. CESA (Civil Engineering student Association) is thestudent association, which looks into the various co-curricular activities in the department. The Department arranges various expert lectures, educational visits for students.

Mr. Avinash Chate
Trainer
CADD Centre Nagpur

P.P. Deogade
Co-ordinator

Prof. S. S. Kendhe
HOD
Civil Engineering

Dr. H. M. Baradkar
Principal
JCOET, Yavatmal

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology Arni Road,Kinhi,Yavatmal

JAGADAMBHA BAHUUDDESHIYA GRAMIN VIKAS SANSTH'S

JAGADAMBHA
COLLEGE OF ENGINEERING & TECHNOLOGY , YAVATMAL
Approved by A.I.C.T.E. & Government of Maharashtra, Affiliated to S.G.B. Amravati University, Amravati.

COLLEGE CODE EN- 1127

Civil Engineering Department
A Certificate Course Report

Online Certificate Course on
"Estimate & Costing for Building Construction Work"
By Apah Trainers , Pune

Academic Year: 2020-21   **Course Code: E&C-2021**

Department of Civil Engineering organized **Online Certificate Course on Estimate & Costing for Building Construction Work** students to inform the audience about the upcoming market scenarios that will be faced by Civil Engineers in the field of project planning and management.

1. Course Date: 06/04/2021 to 17/04/2021

2. Mode of Course conduction: Online Mode on Zoom Application

3. Name of Course Expert: Mr. Hemant Patil

3. Name of Course Coordinator: Prof. S.R. Raut

4. Expected Audience: Students

5. Number of Participants: 42

6. Hours per Day: 02 Hours per Day (30 Hrs)

Objectives:-

- Ability to create and manage project with Estimating & Costing
- Create volume of work for cost control
- Determine the actual cost of project even before starting the project
- To understand labor availability & management regarding the project.
- To inculcate habit of systematic recording of all those statistics which are required to maintain stocks in trade.

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Arni Road,Kinhi,Yavatmal

Syllabus:-

1-Principle of estimation, units, item work, different kinds of estimates, different methods of estimation, estimation of materials in single room building, two room building, multi storey buildings, with different sections of walls ,foundation, floors and roofs, R.B and R.C.C works, Plastering, white washing, Distempering and painting, doors and windows, lump sum items, Estimates of canals, dams, barrages, Hilly roads etc.

2- Necessity of specification types of specification, general specification, specification of bricks, cement, sand, water, lime, reinforcement, detailed specification for earthwork, cement, concrete, brickwork, flooring, D.P.C, R.C.C, cement plastering, white and colour washing, distempering, painting.

3- Purpose, importance and requirements of rate analysis, units of measurement preparation of rate analysis. Procedure of rate analysis for items: Earth work, concrete works, R.C.C works, reinforce brick work , plastering ,painting ,finishing (white washing ,distempering)

4- Tender and acceptance of tender, Earnest money, security money, retention money, measurement book, cash book, preparation, examination and payment of bills, first and final bills, administrative sanction, technical sanction.

5- Billing: maintenance of muster role, preparation of pay bill, measurement of work for payment of contractors.

6- Different types of payment: first & final, running advance and final payment.

7- Valuation: Purpose of valuation, principles of valuation depreciation, sinking fund, salvage & scrap value, valuation of a building: cost method, rental –return method.

The schedule:-

Date	Time	Syllabus covered
Day 1: 06/04/2020	02.00 pm 05.00 to pm	Introduction and stud y of Principle of estimation, units, item work, different kinds of estimates .
Day 2: 07/04/2020	02.00 pm to 05.00 pm	Necessity of specification types of specification, general specification, specification of bricks, cement, sand, water, lime, reinforcement,
Day 3: 08/04/2020	02.00 pm to 05.00 pm	Purpose, importance and requirements of rate analysis, units of measurement preparation of rate analysis
Day 4: 09/04/2020	02.00 pm to 05.00 pm	Procedure of rate analysis for items: Earth work, concrete works, R.C.C works, reinforce brick work , plastering ,painting ,finishing (white washing ,distempering)
Day 5: 10/04/2020	02.00 pm to 05.00 pm	Tender and acceptance of tender, Earnest money, security money, retention money, measurement book, cash book, preparation.
Day 6: 11/04/2020	02.00 pm to 05.00 pm	Examination and payment of bills, first and final bills, administrative sanction, technical sanction.
Day 7: 13/04/2020	02.00 pm to 05.00 pm	Maintenance of muster role, preparation of pay bill, measurement of work for payment of contractors.
Day 8: 14/04/2020	02.00 pm to 05.00 pm	First & final, running advance and final payment
Day 9: 15/04/2020	02.00 pm to 05.00 pm	Valuation: Purpose of valuation, principles of valuation depreciation, sinking fund, salvage & scrap value
Day 10: 16/04/2020	02.00 pm to 05.00 pm	Valuation of a building: cost method, rental –return method.
Day 11: 17/04/2020	02.00 pm to 05.00 pm	Adding activities (Doubt clearing and other quires regarding training)

Dr.Hemant M. Baradka.
Principal
Jagadambha College of Engineering &
Technology,Arni Road.Kinhi.Yavatmal

Screenshot 1: The students during the online session

List of registered and participated students is as under,

Sr. No.	Name of Students
1.	YASH PRABHAKAR TAYWADE
2.	MANISH SUBHASH GEDE
3.	JEBARANI ALAM MALNAS
4.	VIRAG SANJAY MESHRAM
5.	DEEP ABHIJIT KORDE
6.	ANIKET ISHWARSING CHAVHAN
7.	ABHISHEK TANAJI KESHVE
8.	RUSHIKESH ANANT WADPILLEWAR
9.	RAHUL KANIRAM RATHOD
10.	YASH PURUSHOTTAM GODE
11.	ABHAY LAXMAN JAMBHULKAR
12.	ALANKITA VASUDEO PATIL
13.	DHIRAJ JADHAO
14.	TRUPTI HIMMATRAO JUMADE
15.	PRAVIN WAGHADE
16.	GAURAV BHANGE
17.	ATHRVA KALE
18.	SHOYEB AHMAD
19.	AMIN SHEIKH
20.	MAHESH BHAGAT
21.	ASHUTOSH RATHOD

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology Arni Road,Kinhi,Yavatmal

22.	PRITAM G. THAK
23.	JAVED SHAHA
24.	SHWETA V. NEHARE
25.	SUJITA K. RATHOD
26.	SHANTANU WAGHARE
27.	PRAVIN WAGHADE
28.	GAURAV BHANGE
29.	PAYAL BANSOD
30.	SHOYEB AHMAD
31.	CHATANYA KALE
32.	MAHESH BHAGAT
33.	ASHUTOSH RATHOD
34.	PRITAM G. THAK
35.	JAVED SHAHA
36.	SHWETA V. NEHARE
37.	SUJITA K. RATHOD
38.	SHANTANU WAGHARE
39.	PRAVIN WAGHADE
40.	GAURAV BHANGE
41	ATHRVA KALE
42	VAISHNAVI KHEDKAR

Course Outcomes:-

- Students can create and manage project cost structure

- Students able to create project work breakdown structure

- Can develop simple project schedule

- Will able to manage the project time and related constraints

- Understood work culture in corporate sector .

Prof. S. R. Raut
Course Coordinator

Prof. S. S. Kendhe
H.O.D. Civil Engg. Dept.

ESTD
2009

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Arni Road,Kinhi,Yavatmal

Civil Engineering Department

Attendance of Online Certificate Course on "Estimate & Costing for Building Construction Work"

Sr. No.	Name of Students	06/ 04/ 20	07/ 04/ 20	08/ 04/ 20	09/ 04/ 20	10/ 04/ 20	11/ 04/ 20	13/ 04/ 20	14/ 04/ 20	15/ 04/ 20	16/ 04/ 20	17/ 04/ 20
1.	YASH PRABHAKAR TAYWADE	P	A	P	P	A	P	P	P	P	P	P
2.	MANISH SUBHASH GEDE	P	P	P	P	P	P	P	P	P	P	P
3.	JEBARANI ALAM MALNAS	P	P	A	P	P	P	P	P	P	P	P
4.	VIRAG SANJAY MESHRAM	P	P	P	P	P	P	P	P	P	P	P
5.	DEEP ABHIJIT KORDE	P	P	A	P	P	P	P	P	P	P	P
6.	ANIKET ISHWARSING CHAVHAN	P	A	P	P	P	A	P	P	P	P	P
7.	ABHISHEK TANAJI KESHVE	P	P	P	P	P	P	A	A	A	A	A
8.	RUSHIKESH ANANT WADPILLEWAR	P	P	P	P	P	P	P	P	P	P	P
9.	RAHUL KANIRAM RATHOD	P	P	P	P	P	P	P	P	P	P	P
10.	YASH PURUSHOTTAM GODE	P	P	P	P	P	P	P	P	P	P	P
11.	ABHAY LAXMAN JAMBHULKAR	P	P	P	P	P	P	P	P	P	P	P
12.	ALANKITA VASUDEO PATIL	P	P	P	P	P	P	P	P	P	P	P
13.	DHIRAJ JADHAO	P	A	A	A	A	A	P	A	P	P	P
14.	TRUPTI HIMMATRAO JUMADE	P	P	P	P	P	P	P	P	P	P	P
15.	PRAVIN WAGHADE	P	P	P	P	P	P	P	P	P	P	P
16.	GAURAV BHANGE	P	P	P	P	P	P	P	P	P	P	P
17.	ATHRVA KALE	P	P	P	P	P	P	P	P	P	P	P
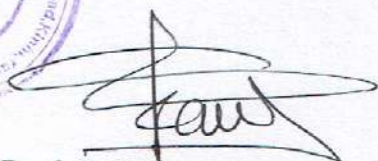
Dr.Hemant ...
Principal
Jagadambha College of Engineering &
Technology,Arni Road,Kinhi, Yavatmai

18.	SHOYEB AHMAD	P	P	P	P	P	P	P	P	P	P	P
19.	AMIN SHEIKH	P	P	A	P	P	P	P	P	A	P	P
20.	YASH Tayade	P	P	P	P	P	P	P	P	P	P	P
21.	ASHUTOSH RATHOD	P	P	A	P	P	P	P	P	A	P	P
22.	PRITAM G. THAK	P	P	P	P	P	P	P	P	P	P	A
23.	JAVED SHAHA	P	P	P	P	P	P	P	P	P	P	P
24	SHWETA V. NEHARE	P	P	P	P	P	P	P	P	P	P	P
25	SUJITA K. RATHOD	P	P	P	P	P	P	A	A	A	A	A
26	SHANTANU WAGHARE	P	P	P	P	P	A	P	P	P	P	P
27	PRAVIN WAGHADE	P	P	P	P	P	P	P	P	P	P	P
28	GAURAV BHANGE	P	P	P	P	P	P	P	P	P	P	P
29	PAYAL BANSOD	P	P	P	P	P	P	P	P	P	P	P
30	SHOYEB AHMAD	P	P	P	P	P	P	P	P	P	P	P
31	CHATANYA KALE	P	P	P	P	P	P	P	A	P	P	P
32	MAHESH BHAGAT	A	P	P	P	P	P	P	P	P	P	P
33	ASHUTOSH RATHOD	P	A	P	P	P	P	P	P	P	P	P
34	PRITAM G. THAK	P	P	P	P	P	P	P	P	P	P	P
35	JAVED SHAHA	P	P	P	P	P	P	P	P	P	P	P
36	SHWETA V. NEHARE	P	P	P	P	P	P	P	P	P	P	P
37	SUJITA K. RATHOD	P	P	P	P	P	P	P	P	A	P	P
38	SHANTANU WAGHARE	P	P	P	P	P	P	A	A	A	A	A
39	PRAVIN WAGHADE	P	P	P	P	P	A	P	P	P	P	P
40	GAURAV BHANGE	P	P	P	P	P	P	P	P	P	P	P
41	ATHRVA KALE	P	P	P	P	P	P	P	P	P	P	P
42	VAISHNAVI KHEDKAR	P	P	P	P	P	P	P	P	P	P	P

Prof. S. R. Raut

Course Coordinator

Prof. S. S. Kendhe

H.O.D. Civil Engg. Dept.

CERTIFICATE OF PARTICIPATION

This certificate is proudly presented to

Miss. Rutuja Shirbhate

On successful completion of Online Certificate Course on
"ESTIMATE & COSTING FOR BUILDING CONSTRUCTION WORK"
Organized for Civil Engineering students
organized by

Department of Civil Engineering, Jagadambha College of Engineering & Technology Yavatmal.
The Course was conducted during 06/04/2021 to 17/04/2021

Mr. Hemant Patil	**Prof. S. R. Raut**	**Prof. S. S. Kendhe**	**Dr. H. M. Baradkar**
Trainer	**Co-Ordinator**	**HOD**	**Principal**
Apaha Trainer &			
Consultant Pvt. Ltd			

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology Arni Road Kinhi Yavatmal

EST 2009

JAGADAMBHA
COLLEGE OF ENGINEERING & TECHNOLOGY , YAVATMAL
Approved by A.I.C.T.E. & Government of Maharashtra, Affiliated to S.G.B. Amravati University, Amravati.

COLLEGE CODE EM 1127

DEPARTMENT OF CIVIL ENGINEERING

DEPARTMENT OF CIVIL ENGINEERING

Organizing

Online
Online Certificate
Course on

Estimate & Costing for building construction work on
06/04/2021 to 17/04/2021

In Association With

Apaha

We Build Civil Engineers

Apaha Trainers & Consultant Pvt. Ltd.

About Course :-
Syllabus:-

1. Principle of estimation, units, item work, different kinds of estimates, different methods of estimation, estimation of materials in single room building, two room building, multi storey buildings, with different sections of walls ,foundation, floors and roofs, R.B and R.C.C works, Plastering, white washing, Distempering and painting, doors and windows, lump sum items, Estimates of canals, dams, barrages, Hilly roads etc.

2. Necessity of specification types of specification, general specification, specification of bricks, cement, sand, water, lime, reinforcement, detailed specification for earthwork, cement, concrete, brickwork, flooring, D.P.C, R.C.C, cement plastering, white and colour washing, distempering, painting.

3. Purpose, importance and requirements of rate analysis, units of measurement preparation of rate analysis. Procedure of rate analysis for items: Earth work, concrete works, R.C.C works, reinforce brick work , plastering ,painting ,finishing (white washing ,distempering)

4. Tender and acceptance of tender, Earnest money, security money, retention money, measurement book, cash book, preparation, examination and payment of bills, first and final bills, administrative sanction, technical sanction.

5. **Billing:** maintenance of muster role, preparation of pay bill, measurement of work for payment of contractors.

6. Different types of payment: first & final, running advance and final payment.

7. Valuation: Purpose of valuation, principles of valuation depreciation, sinking fund, salvage & scrap value, valuation of a building: cost method, rental – return method.

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Mr. Hemant Patil	**P.P. Deogade**
Trainer	**Co-ordinator**
Apaha Institute Pune	
Prof. S. S. Kendhe	**Dr. H. M. Baradkar**
HOD	**Principal**
Civil Engineering	**JCOET, Yavatmal**

EST 2009

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Arni Road,Kinhi, Yavatmal

Electronics & Telecommunication Engineering Department
A Certificate Course Report

Online Certificate Course on "Introduction to Scilab"
By Mr. Swapnil Ayane, P. C. C. O. E., Pune

Academic Year: 2020-21   **Course Code: ITS_2020**

Department of Electronics and Telecommunication Engineering organized a live session on **Introduction to Scilab** for students to inform the audience about the numerical computations, data analysis and plotting, system modeling and simulation, graphical user interface capabilities

1. Event Date: 02/09/2020 to 11/09/2020

2. Event Mode: Online Mode on Free Conference Call Application

3. Name of Experts:Mr. Swapnil S. Ayane

3. Name of Event Coordinator: Prof. S. D. Kale

4. Expected Audience:Students

5. Number of Participants: 35

6. Hours per Day: 03 Hours per Day

Objectives:-

- To understand Simple numerical calculations.
- To Creating matrices and some simple matrix operations.
- To understand Working with polynomials.
- To understand plotting graphs.
- To understand Reading Microsoft Excel files.
- To understand Data Structures.

Syllabus:-

1. Introduction: Scilab Environment.
2. Scilab as an interactive calculator.
3. Scilab workspace and working directory.
4. Creating matrices and some simple matrix operations
5. Sub-matrices.

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6. Statistics
7. Working with polynomials
8. Plotting graphs
9. Scilab programming language
10. Script files and function files
11. Writing Scilab functions
12. File operations
13. Reading Microsoft Excel files
14. Data Structures

Brief Report

Department of Electronics & Telecommunication engineering organized **A Certificate Course on Introduction to Scilab** for Second Year and Third Year Electronics & Telecommunication Engineering students from date 02/09/2020 to 11/09/2020 (10 Days) to inform the students about the basic knowledge about Scilab.

This Certificate Course was inaugurated on 02/09/2020 on an Online Mode on Free Conference Call Application. For inaugural function, Expert of Certificate Course Mr. Swapnil S. Ayane, Prof. V. K. Barbudhe, Head of Electronics & Telecommunication Engineering Department, All Faculty members of Electronics & Telecommunication Department were present for this inaugural function.

The schedule for the 10 days Certificate Course is given below,

The schedule:-

Date	Time	Syllabus covered
Day 1: 02/09/2020	02.00 pm to 05.00 pm	Introduction: Scilab Environment
Day 2: 03/09/2020	02.00 pm to 05.00 pm	Scilab as an interactive calculator, Scilab workspace and working directory
Day 3: 04/09/2020	02.00 pm to 05.00 pm	Creating matrices and some simple matrix operations, Sub-matrices
Day 4: 05/09/2020	02.00 pm to 05.00 pm	Statistics, Working with polynomials
Day 5: 06/09/2020	02.00 pm to 05.00 pm	Plotting graphs
Day 6: 07/09/2020	02.00 pm to 05.00 pm	Scilab programming language
Day 7: 08/09/2020	02.00 pm to 05.00 pm	Script files and function files
Day 8: 09/09/2020	02.00 pm to 05.00 pm	Writing Scilab functions, File operations
Day 9: 10/09/2020	02.00 pm to 05.00 pm	Reading Microsoft Excel files
Day 10: 11/09/2020	02.00 pm to 05.00 pm	Data Structures

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Principal
Jagadambha College of Engineering &
Technology, Arni Road Kinhi Yavatmal
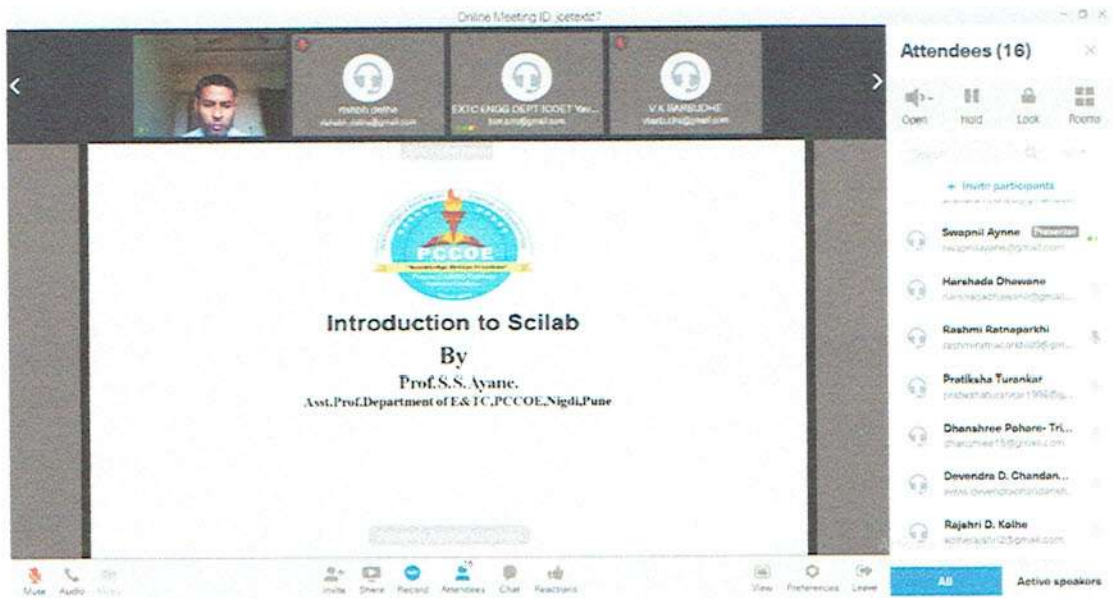
Screenshot 1: The students and Event Coordinator during the session
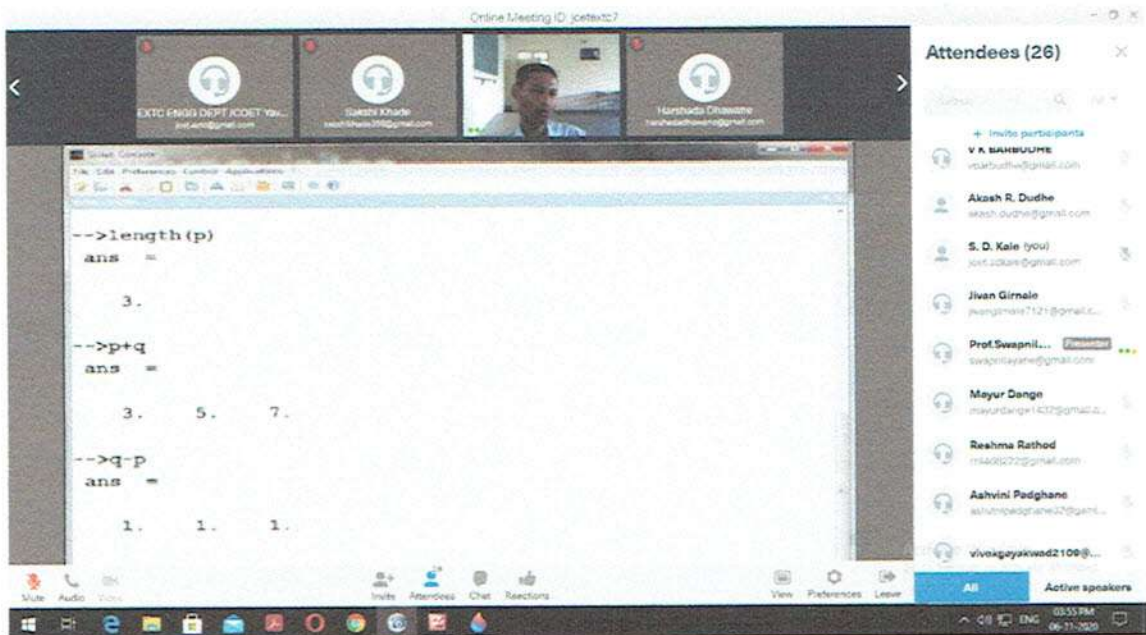
Screenshot 2: Explain the programming console during the session

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Technology, Arni Road, Kinhi, Yavatmal

List of registered and participated students is as under

Sr. No.	Name of Students	Year
1.	Ku. Aditi Vivek Raut	Second Year
2.	Ku. Arati Yashwant Mahure	Second Year
3.	Ku. Bhagyashri M. Bhashkar	Second Year
4.	Ku. Mayuri Sunil Patil	Second Year
5.	Ku. Sakshi Niranjan Khade	Second Year
6.	Ku. Tina Dilip Mandewad	Second Year
7.	Ashfaque Khan Ayyub Khan	Second Year
8.	Jivan Sanjay Girnale	Second Year
9.	Anup Vitthalrao Salve	Second Year
10.	Ku. Pranali Rajendra Kapse	Second Year
11.	Ku. Reshma Rajesh Rathod	Second Year
12.	Madan Vasanta Rathod	Second Year
13.	Ku. Ranjana Dayaram Rathod	Second Year
14.	Ku. Gauri Vitthal Navalkar	Second Year
15.	Sneha Raju Tamboli	Third Year
16.	Shivani Dattarao Kawde	Third Year
17.	Rajshri Dnyaneshwar Kolhe	Third Year
18.	Komal Avinash Bhoyar	Third Year
19.	Sadiyaparveen Anwar Shah	Third Year
20.	Shweta Ajayrao Meghe	Third Year
21.	Archana Bapurao Dawane	Third Year
22.	Shrutika Mahesh Padhye	Third Year
23.	Sanakausar Naushadali Sarve	Third Year
24.	Anjali SitaramAtra.n	Third Year
25.	Ashwini Dattatray Bahadure	Third Year
26.	Kedarnath Parmeshwar Chavhan	Third Year
27.	Lavkush Ananda Sategaonkar	Third Year
28.	Rajesh UdaysingMalvi	Third Year
29.	Mayur Santosh Dange	Third Year
30.	Deep Manikrao Thakare	Third Year
31.	Shyam Shivaji Sharma	Third Year
32.	Tushar Prakash Gorle	Third Year
33.	Tejas Sudhakar Gulhane	Third Year
34.	Kalpesh Kailas Mankar	Third Year
35.	Vikas Manohar Jadhao	Third Year

Course Outcomes:-

- Students got the basic knowledge about Scilab.

- Students understood Scilab workspace and working directory.

- Through this certificate course, students learned Plotting graphs, Script files and function files.

- Students understood Working with polynomials.

- Students understood Reading Microsoft Excel files.

- Students understood Data Structures.

Prof. S. D. Kale

Course Coordinator

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology, Arni R   ishi,Yavatmal.

Prof. V. K. Barbudhe

H.O.D., E&TC Engg.Dept.

JAGADAMBHA COLLEGE OF ENGINEERING & TECHNOLOGY, YAVATMAL
ELECTRONICS & TELECOMMUNICATION ENGINEERING DEPARTMENT
A Certificate Course on
"Introduction to Scilab"

Academic Year: 2020 -21   Course Code: ITS_2020

ATTENDANCE SHEET

(Date : 02/09/2020 to 11/09/2020)

Sr. No.	Name of Students	02/09	03/09	04/09	05/09	06/09	07/09	08/09	09/09	10/09	11/09
1.	Ku. Aditi Vivek Raut	P	P	P	P	P	P	P	P	P	P
2.	Ku. Arati Yashwant Mahure	P	P	P	P	P	P	P	P	P	P
3.	Ku. Bhagyashri M. Bhashkar	P	P	P	P	P	P	P	P	P	P
4.	Ku. Mayuri Sunil Patil	P	P	P	P	A	P	P	P	P	P
5.	Ku. Sakshi Niranjan Khade	P	P	P	P	P	P	P	P	P	P
6.	Ku. Tina Dilip Mandewad	P	P	P	P	P	P	P	P	P	P
7.	Ashfaque Khan Ayyub Khan	P	A	P	A	P	A	P	A	A	P
8.	Jivan Sanjay Girnale	P	P	P	P	P	P	P	P	P	P
9.	Anup Vitthalrao Salve	P	P	P	P	P	P	P	P	P	P
10.	Ku. Pranali Rajendra Kapse	P	P	P	P	P	P	P	P	P	P
11.	Ku. Reshma Rajesh Rathod	P	P	P	P	P	P	P	P	P	P
12.	Madan Vasanta Rathod	P	P	P	P	P	P	P	P	P	P
13.	Ku. Ranjana Dayaram Rathod	P	P	P	P	P	P	P	P	P	P
14.	Ku. Gauri Vitthal Navalkar	P	P	P	A	P	P	P	P	P	P
15.	Sneha Raju Tamboli	P	P	P	P	P	P	P	P	P	P
16.	Shivani Dattarao Kawde	P	P	P	P	P	P	P	P	P	P
17.	Rajshri Dnyaneshwar Kolhe	P	P	P	P	P	A	P	P	P	P
18.	Komal Avinash Bhoyar	P	P	P	P	P	P	P	P	P	P
19.	Sadiyaparveen Anwar Shah	P	P	P	P	P	P	P	P	P	P
20.	Shweta Ajayrao Meghe	P	P	P	P	P	P	P	P	P	P
21.	Archana Bapurao Dawane	P	A	P	A	A	P	A	A	A	P
22.	Shrutika Mahesh Padhye	P	P	P	P	P	P	P	P	P	P
23.	Sanakausar Naushadali Sarve	P	P	P	P	P	P	P	P	P	P
24.	Anjali SitaramAtram	P	P	P	P	P	P	P	P	P	P
25.	Ashwini Dattatray Bahadure	P	P	P	P	P	P	P	P	P	P
26.	Kedarnath Parmeshwar Chavhan	P	P	P	P	P	P	P	P	P	P
27.	Lavkush Ananda Sategaonkar	P	P	P	A	P	P	P	P	P	P
28.	Rajesh Udaysing Malvi	P	P	P	P	P	P	P	P	P	P
29.	Mayur Santosh Dange	P	P	P	P	P	P	P	P	P	P
30.	Deep ManikraoThakare	P	P	P	P	P	P	P	P	P	P
31.	Shyam Shivaji Sharma	P	P	P	P	P	P	P	P	P	P
32.	Tushar Prakash Gorle	P	P	P	A	P	P	A	P	P	P
33.	Tejas Sudhakar Gulhane	P	P	P	P	P	P	P	P	P	P
34.	Kalpesh Kailas Mankar	P	P	P	P	P	P	P	P	P	P
35.	Vikas Manohar Jadhao	P	P	P	P	P	P	P	P	P	P

Prof. S. D. Kale
Course Coordinator

ESTD 2009

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Arni Road,Kinhi,Yavatmal
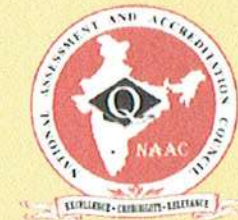
Prof. V. K. Barbudhe
H.O.D., E&TCEngg.Dept.

Jagadambha Bahuuddeshiya Gramin Vikas Sanstha's

JAGADAMBHA
COLLEGE OF ENGINEERING & TECHNOLOGY , YAVATMAL

Approved by AICTE, Recognized by DTE & Affiliated to S.G.B. Amravati University, Amravati

CERTIFICATE OF COURSE COMPLETION

This is to Certify that **Ku. Aditi Vivek Raut** of Jagadambha College of Engineering and Technology, Yavatmal has sucessfully completed the Online Certificate Course on Introduction to Scilab Organised by E&TC Engineering Department Jagadambha College of Engineering & Technology, Yavatmal. This Online Certificate Course was conducted during 2nd to 11th September 2020 and durtion of the certificate course is 30 Hours.

Prof. S. D. Kale
Co-Ordinator
Certificate Course

Mr. S. S. Ayane
Course Expert
P. D. C. O. E., Pune

Prof. V. K. Barbudhe
HOD, E&TC Engg. Deptt.
JE, Yavatmal

Dr. H. M. Baradkar
Principal
JE, Yavatmal

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2009

Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Arni Road,Kinhi,Yavatmal

ABOUT INSTITUTION

Jagadambha Bahuuddeshiya Gramin Vikas Sanstha was formed in the year 2003 by the visionary Dr. Shittal A. Watile renouned educationalist with the lofty aim of providing quality professional education and meeting the rising expectations of the industry as well as the young students in region and around. Jagadambha College of Engineering and Technology, Yavatmal , was established by JBGVS on an expanse of 11 acres on Nagpur Tuljapur Highway just 5 Km. from Yavatmal bus stand. The Institute is located at quite calm and peaceful area an ideal site for teaching learning, with the approval of All India Council for Technical Education and Govt. of Maharashtra. The college started functioning from the academic year 2009-10, initially with four branches with a total intake of 240 students. The college is affiliated to Sant Gadge Baba Amravati, University. The present intake of the College is 360 students with five core branches of Engineering at B.E. Level. The Institute has started four M.E. Courses from 2013-14 like Mechanical CAD-CAM, Computer Science and Engineering, Structural Engineering, Electronics and Telecommunication Engineering with total intake 72, which makes the highest intake among all Engineering Colleges in Yavatmal City in a short span of time. Jagadambha College of Engineering and Technology, Yavatmal is marching to achieve the objective of excellence in the field of Engineering and Technology.

PATRON

Hon'ble Shri. Ajabraoji Watile
President, JBGVS, Yavatmal
Hon'ble Dr. Shital A. Watile
Secretary, JBGVS, Yavatmal
Hon,ble Shri. Pawan A. Watile
Director, JBGVS, Yavatmal

CERTIFICATE COURSE EXPERT

Prof. S. S. Ayane
P. C. C. O. E., Pune

PRINCIPAL

Dr. H. M. Baradkar
JE, Yavatmal

HEAD OF DEPARTMENT

Prof. V. K. Barbudhe
E&TC Engineering Department
JE, Yavatmal

COURSE CO-ORDINATOR

Prof. S. D. Kale
Assistant Professor,
E&TC Engineering Department
Mobile No. 9730265349

Jagadambha Bahuuddeshiya Gramin Vikas Sanstha's

JAGADAMBHA
COLLEGE OF ENGINEERING & TECHNOLOGY , YAVATMAL
Approved by AICTE, Recognized by DTE & Affiliated to S.G.B. Amravati University, Amravati

A ONLINE CERTIFICATE COURSE ON "INTRODUCTION TO SCILAB"

DATE : 02 / 09/ 2020 TO 11 / 09 / 2020

DURATION OF THE CERTIFICATE COURSE : 30 HOURS

FOR ENROLLMENT IN CERTIFICATE COURSE CONTACT TO COURSE COORDINATOR

ORGANISED BY
ELECTRONICS & TELECOMMUNICATION ENGINEERING DEPARTMENT

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Arni Road,Kinhi,Yavatmal

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ABOUT DEPARTMENT

The Electronics and Telecommunication Engineering Department at Jagadambha College of Engineering and Technology, Yavatmal responsible for designing and overseeing the installation of telecommunication equipment and facilities, such as complex electronic switching systems, and other plain old telephone service facilities, optical fiber cabling, IP networks and microwave transmission systems. department of Electronics and Telecommunication Engineering is offering technology oriented courses and creating manpower in the strategic areas well compatible with the industrial expectations.

CERTIFICATE COURSE PLAN

Date	Time	Course Plan
Day 1: 02/09/2020	02.00 pm to 05.00 pm	Introduction: Scilab Environment
Day 2: 03/09/2020	02.00 pm to 05.00 pm	Scilab as an interactive calculator, Scilab workspace & working directory
Day 3: 04/09/2020	02.00 pm to 05.00 pm	Creating matrices and some simple matrix operations, Sub-matrices
Day 4: 05/09/2020	02.00 pm to 05.00 pm	Statistics, Working with polynomials
Day 5: 06/09/2020	02.00 pm to 05.00 pm	Plotting graphs
Day 6: 07/09/2020	02.00 pm to 05.00 pm	Scilab programming language
Day 7: 08/09/2020	02.00 pm to 05.00 pm	Script files and function files
Day 8: 09/09/2020	02.00 pm to 05.00 pm	Writing Scilab functions, File operations
Day 9: 10/09/2020	02.00 pm to 05.00 pm	Reading Microsoft Excel files
Day 10: 11/09/2020	02.00 pm to 05.00 pm	Data Structures

CERTIFICATE COURSE OUTCOME

- Students got the basic knowledge about Scilab.
- Students understood Scilab workspace and working directory.
- Through this certificate course, students learned Plotting graphs, Script files and function files.
- Students understood Working with polynomials.
- Students understood Reading Microsoft Excel files.
- Students understood Data Structures.

EXPERT

Prof. S. S. Ayane
Assistant Professor,
P. C. C. O. E., Pune

CERTIFICATE COURSE SYLLABUS

Introduction: Scilab Environment.
Scilab as an interactive calculator.
Scilab workspace and working directory.
Creating matrices and some simple matrix operations
Sub-matrices.
Statistics
Working with polynomials
Plotting graphs
Scilab programming language
Script files and function files
Writing Scilab functions
File operations
Reading Microsoft Excel files
Data Structures

CERTIFICATE COURSE OBJECTIVE

- To understand Simple numerical calculations.
- To Creating matrices and some simple matrix operations.
- To understand Working with polynomials.
- To understand plotting graphs.
- To understand Reading Microsoft Excel files.
- To understand Data Structures.

Hemant M. Barhate
Principal
Jagadambha College of Engineering &
Technology Arni Road Kinhi Yavatmal

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Electronics & Telecommunication Engineering Department
A Certificate Course Report

Online Certificate Course on
"Matlab & Its Implementation"

Academic Year: 2020-21   **Course Code: 6ETP8_2020**

Department of Electronics and Telecommunication Engineering organized a live session on **Matlab& Its Implementation** for students to inform the audience about the MATLAB programming and numeric computing platform used by engineers and scientists to analyze data, develop algorithms, and create models.

1. Event Date :05/01/2021 to 13/01/2021

2. Event Mode : Online Mode on Free Conference Call Application

3. Name of Experts : Mr. Mangesh Nichat

3. Name of Event Coordinator: Prof. A. R. Dudhe

4. Expected Audience:Students

5. Number of Participants:30

6. Hours per Day: 04 Hours per Day

Objectives:-

- To understand programming and numeric computing platform.
- Students are able to develop algorithms.
- To understand how to analyze data.
- Students are able to create models
- Students are able to Industrial Applications.

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Syllabus:-

1. Working with numbers, Machine code, and Software hierarchy.
2. MATLAB Windows: A First Program, Expressions, Constants, Variables and assignment, statement. Arrays
3. Basic plotting, Built in functions, Generating waveforms, Sound replay, load and save.
4. Arguments and return values, M-files, Formatted console input-output, String handling
5. Conditional statements: If, Else, Elseif, Repetition statements: While, For
6. Writing to a text file, Reading from a text file, Randomising and sorting a list, Searching a list
7. Attaching buttons to actions, Getting Input, Setting Output
8. Characterization of linear systems, Finite Impulse Response filters, Infinite Impulse Response filters, Frequency response
9. Filterbank analysis, Fourier analysis, Spectrograms, Filterbank synthesis
10. Fundamental frequency estimation – frequency domain, Fundamental frequency estimation – time domain, Formant frequency estimation

Brief Report

Department of Electronics & Telecommunication engineering organized **A Certificate Course on Matlab & Its Implementation** for Second Year and Third Year Electronics & Telecommunication Engineering students from date 05/01/2021 to 13/01/2021 (09 Days) to inform the students about the basic knowledge about Matlab.

This Certificate Course was inaugurated on 05/01/2021 on an Online Mode on Free Conference Call Application. For inaugural function, Expert of Certificate Course Mr. Mangesh Nichat, Prof. V. K. Barbudhe, Head of Electronics & Telecommunication Engineering Department, All Faculty members of Electronics & Telecommunication Department were present for this inaugural function.

The schedule for the 9 days Certificate Course is given below,

The schedule:-

Date	Time	Syllabus covered
Day 1: 05/01/2021	01.00 pm to 05.00 pm	Working with numbers, Machine code, and Software hierarchy.
Day 2: 06/01/2021	01.00 pm to 05.00 pm	MATLAB Windows: A First Program, Expressions, Constants, Variables and assignment, statement. Arrays
Day 3: 07/01/2021	01.00 pm to 05.00 pm	Basic plotting, Built in functions, Generating waveforms, Sound replay, load and save.
Day 4: 08/01/2021	01.00 pm to 05.00 pm	Arguments and return values, M-files, Formatted console input-output, String handling
Day 5: 09/01/2021	01.00 pm to 05.00 pm	Conditional statements: If, Else, Elseif, Repetition statements: While, For

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Principal
Jagadambha College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal

Day 6: 10/01/2021	01.00 pm to 05.00 pm	Writing to a text file, Reading from a text file, Randomising and sorting a list, Searching a list, Attaching buttons to actions
Day 7: 11/01/2021	01.00 pm to 05.00 pm	Getting Input, Setting Output, Characterization of linear systems, Finite Impulse Response filters
Day 8: 12/01/2021	01.00 pm to 05.00 pm	Infinite Impulse Response filters, Frequency response, Filter bank analysis, Fourier analysis, Spectrograms
Day 9: 13/01/2021	01.00 pm to 05.00 pm	Filter bank synthesis, Fundamental frequency estimation – frequency domain,Fundamental frequency estimation – time domain, Formant frequency estimation
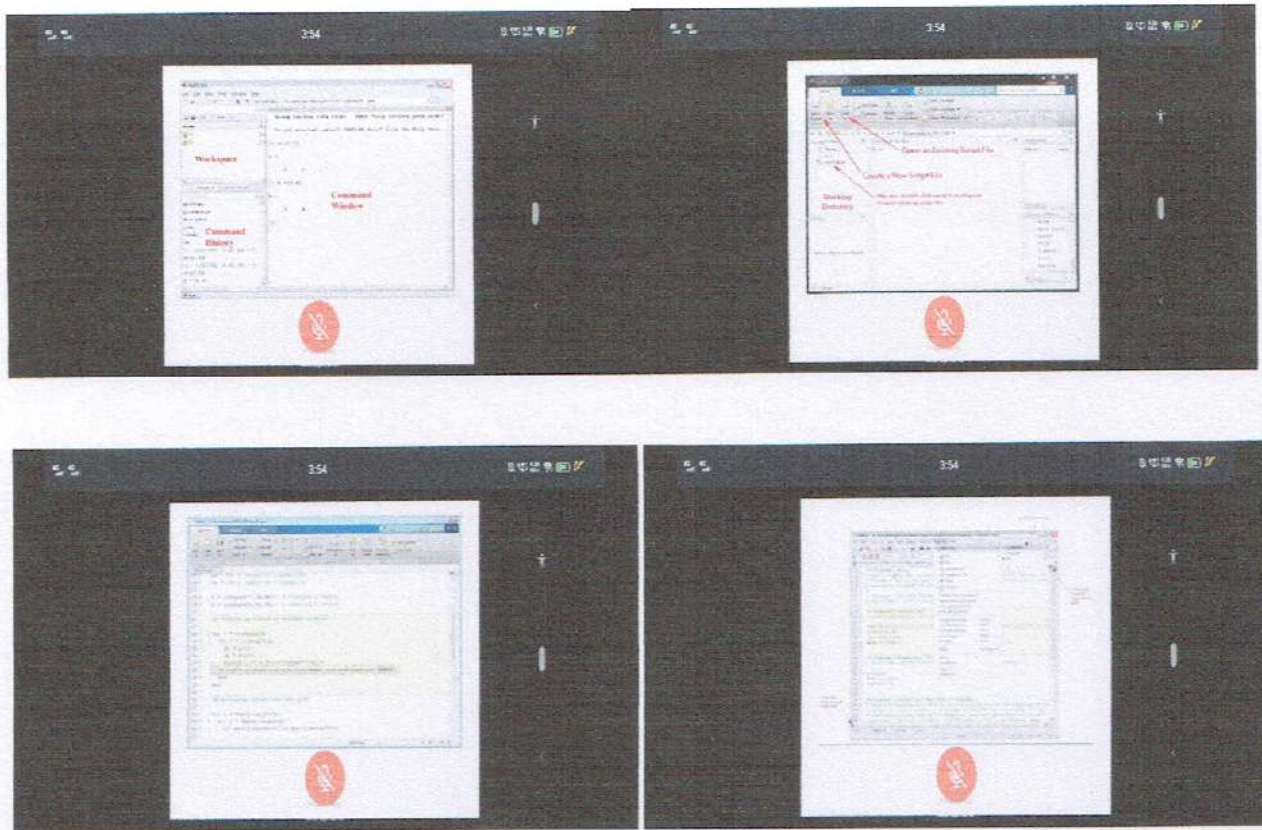
Screenshot 1: Snapshots During the Session

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology, Ami Road,Kinhi,Yavatmal

List of registered and participated students is as under

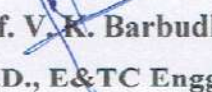| Sr. No.	Name of Students	Year
1.	Ku. Ashvini Ananda Padghane	Second Year
2.	Ku. Shubhangi Naresh Raut	Second Year
3.	Madan Vasanta Rathod	Second Year
4.	Omkar Ramesh Rathod	Second Year
5.	Ku. Pooja Rajesh Waghmare	Second Year
6.	Ku. Pratiksha Chandu Rathod	Second Year
7.	Ku. Priyanka V. Gawande	Second Year
8.	Ku. Tejaswini Gajanan Gade	Second Year
9.	Ku. Diksha Santosh Bhagat	Second Year
10.	Ku. Pranali Rajendra Kapse	Third Year
11.	Vikas Manohar Jadhao	Third Year
12.	Md. Arbazz Abdul Haque	Third Year
13.	Ajay Sanjay Kandekar	Third Year
14.	Ku. Anjali Sitaram Atram	Third Year
15.	Ku. Pooja Shankar Porchake	Third Year
16.	Ku. Priti Vijay Rathod	Third Year
17.	Rajesh Udaysing Malvi	Third Year
18.	Shubham Gajanan Kawane	Third Year
19.	Tushar Prakash Gorle	Third Year
20.	Ku. Kishori Sureshrao Deokate	Third Year
21.	Ku. Manisha Ashok Vaidya	Third Year
22.	Ku. Papita Sitaram Kherde	Third Year
23.	Ku. Pratiksha Shyam Raut	Third Year
24.	Ku. Pratiksha Gajanan Turankar	Third Year
25.	Ku. Priti Gajanan Pandhare	Third Year
26.	Ku. Rani Kailas Kanhekar	Third Year
27.	Ku. Rohini Raju Guldagad	Third Year
28.	Ku. Sharada Laxman Godamale	Third Year
29.	Ku. Shivani Prakash Pawar	Third Year
30.	Ku. Vaishali Pandit Chavhan	Third Year

Course Outcomes:-

- Students got the basic knowledge about programming and numeric computing platform.
- Students are able to develop algorithms.
- Through this certificate course, students learned how to analyze data.
- Students understood create models.
- Students understood Industrial Applications.

Prof. A. R. Dudhe
Course Coordinator

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology, Ami Road,Kinhi, Yavatmal

Prof. V. K. Barbudhe
H.O.D., E&TC Engg. Dept.

JAGADAMBHA COLLEGE OF ENGINEERING & TECHNOLOGY, YAVATMAL

ELECTRONICS & TELECOMMUNICATION ENGINEERING DEPARTMENT

A Certificate Course on

"Matlab & Its Implementation"

Academic Year: 2020 -21   **Course Code: 6ETP8_2020**

ATTENDANCE SHEET

(Date : 05/01/2021 to 13/01/2021)

Sr. No.	Name of Students	05/01	06/01	07/01	08/01	09/01	10/01	11/01	12/01	13/01
1.	Ku. AshviniAnandaPadghane	P	P	P	P	P	P	P	P	P
2.	Ku. ShubhangiNareshRaut	P	P	P	P	P	P	P	P	P
3.	MadanVasantaRathod	P	P	P	P	P	P	P	P	P
4.	Omkar Ramesh Rathod	P	P	P	P	P	P	A	P	P
5.	Ku. Pooja Rajesh Waghmare	P	P	P	P	P	P	P	P	P
6.	Ku. PratikshaChanduRathod	P	P	P	P	P	P	P	P	P
7.	Ku. Priyanka V. Gawande	P	P	P	P	P	P	P	P	P
8.	Ku. TejaswiniGajananGade	P	P	P	P	P	P	P	P	P
9.	Ku. DikshaSantoshBhagat	P	P	P	P	P	P	P	P	P
10.	Ku. PranaliRajendraKapse	P	P	P	P	P	P	P	P	P
11.	VikasManoharJadhao	P	P	P	P	P	P	P	P	P
12.	Md. Arbazz Abdul Haque	A	P	P	P	P	P	P	P	P
13.	Ajay Sanjay Kandekar	P	P	P	P	P	P	P	P	P
14.	Ku. Anjali SitaramAtram	P	P	P	A	P	P	P	P	P
15.	Ku. Pooja Shankar Porchake	P	P	P	P	P	P	P	P	P
16.	Ku. Priti Vijay Rathod	P	P	P	P	P	P	P	P	P
17.	Rajesh UdaysingMalvi	P	P	P	P	P	P	P	P	P
18.	ShubhamGajananKawane	P	P	P	P	P	P	P	P	P
19.	TusharPrakashGorle	P	P	P	P	P	P	P	P	P
20.	Ku. KishoriSureshraoDeokate	P	P	P	P	P	P	P	P	P
21.	Ku. Manisha Ashok Vaidya	P	P	P	P	P	P	P	P	P
22.	Ku. PapitaSitaramKherde	P	P	A	P	P	P	P	P	P
23.	Ku. PratikshaShyamRaut	P	P	P	P	P	P	P	P	P
24.	Ku. PratikshaGajananTurankar	P	P	P	P	P	P	P	P	P
25.	Ku. PritiGajananPandhare	P	P	P	P	P	P	P	P	P
26.	Ku. Rani Kailas Kanhekar	P	P	P	P	P	P	P	P	P
27.	Ku. RohiniRajuGuldagad	P	P	P	P	P	P	P	P	P
28.	Ku. SharadaLaxmanGodamale	P	P	P	P	P	P	P	P	P
29.	Ku. ShivaniPrakashPawar	P	P	P	P	P	P	P	A	P
30.	Ku. VaishaliPanditChavhan	P	P	P	P	P	P	P	P	P

Prof. A. R. Dudhe

Course Coordinator

Prof. V. K. Barbudhe

H.O.D., E&TCEngg.Dept.

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology, Arni Road,Kinhi, Yavatmal

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Jagadambha Bahuuddeshiya Gramin Vikas Sanstha's

JAGADAMBHA
COLLEGE OF ENGINEERING & TECHNOLOGY , YAVATMAL
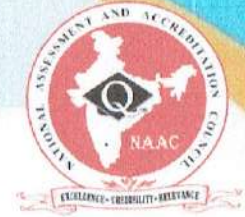
Approved by AICTE, Recognized by DTE & Affiliated to S.G.B. Amravati University, Amravati

CERTIFICATE OF COURSE COMPLETION

This is to Certify that Ku. Ashvini Ananda Padghane of Jagadambha College of Engineering and Technology, Yavatmal has sucessfully completed the Online Certificate Course on Matlab and Its Implementions Organised by E&TC Engineering Department Jagadambha College of Engineering & Technology, Yavatmal. This Online Certificate Course was conducted during 5th to 13th January 2021 and durtion of the certificate course is 36 Hours.

Prof. A. R. Dudhe
Co-Ordinator
Certificate Course

ESTD 2009

Mr. Mangesh Nichat
Certificate
Course Expert

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology, Ami Road, Kinhi, Yavatmal

Prof. V. K. Barbudhe
HOD, E&TC Engg. Deptt.
JE, Yavatmal

Dr. H. M. Baradkar
Principal
JE, Yavatmal

ABOUT INSTITUTION

Jagadambha Bahuuddeshiya Gramin Vikas Sanstha was formed in the year 2003 by the visionary Dr. Shittal A. Watile renouned educationalist with the lofty aim of providing quality professional education and meeting the rising expectations of the industry as well as the young students in region and around. Jagadambha College of Engineering and Technology, Yavatmal , was established by JBGVS on an expanse of 11 acres on Nagpur Tuljapur Highway just 5 Km. from Yavatmal bus stand. The Institute is located at quite calm and peaceful area an ideal site for teaching learning, with the approval of All India Council for Technical Education and Govt. of Maharashtra. The college started functioning from the academic year 2009-10, initially with four branches with a total intake of 240 students. The college is affiliated to Sant Gadge Baba Amravati, University. The present intake of the College is 360 students with five core branches of Engineering at B.E. Level. The Institute has started four M.E. Courses from 2013-14 like Mechanical CAD-CAM, Computer Science and Engineering, Structural Engineering, Electronics and Telecommunication Engineering with total intake 72, which makes the highest intake among all Engineering Colleges in Yavatmal City in a short span of time. Jagadambha College of Engineering and Technology, Yavatmal is marching to achieve the objective of excellence in the field of Engineering and Technology.

PATRON

Hon'ble Shri. Ajabraoji Watile
President, JBGVS, Yavatmal

Hon'ble Dr. Shital A. Watile
Secretary, JBGVS, Yavatmal

Hon'ble Shri. Pawan A. Watile
Director, JBGVS, Yavatmal

CERTIFICATE COURSE EXPERT

Mr. Mangesh Nichat

PRINCIPAL

Dr. H. M . Baradkar
JE, YAVATMAL

HEAD OF DEPARTMENT

Prof. V. K. Barbudhe
E&TC Engg. Department
JE, Yavatmal

COURSE CO-ORDINATOR

Prof. A. R. Dudhe
E&TC Engineering Department
JE, Yavatmal
Mobile No. 7083477444

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology, Ami Road,Kinhi, Yavatmal

Jagadambha Bahuuddeshiya Gramin Vikas Sanstha's

JAGADAMBHA

COLLEGE OF ENGINEERING & TECHNOLOGY , YAVATMAL

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A ONLINE CERTIFICATE COURSE ON

MATLAB & ITS IMPLEMENTATION

Date : 05/01/2021 To 13/01/2021

Duration of the Certificate Course : 36 Hours

Mode of the Certificate Course : Online Mode

For Enrollment in Certificate Course Contact to Course Coordinator

Organized By

ELECTRONICS & TELECOMMUNICATION ENGINEERING DEPARTMENT

ABOUT DEPARTMENT

The Electronics and Telecommunication Engineering Department at Jagadambha College of Engineering and Technology, Yavatmal responsible for designing and overseeing the installation of telecommunication equipment and facilities, such as complex electronic switching systems, and other plain old telephone service facilities, optical fiber cabling, IP networks and microwave transmission systems. department of Electronics and Telecommunication Engineering is offering technology oriented courses and creating manpower in the strategic areas well compatible with the industrial expectations.
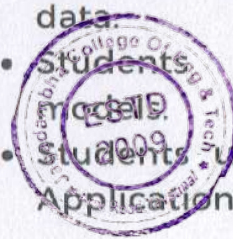
Certificate Course Objective:

- To understand programming and numeric computing platform.
- Students are able to develop algorithms.
- To understand how to analyze data.
- Students are able to create models
- Students are able to understand Industrial Applications.

Certificate Course Syllabus:

- Working with numbers, Machine code, and Software hierarchy.
- MATLAB Windows: A First Program, Expressions, Constants, Variables and assignment, statement. Arrays
- Basic plotting, Built in functions, Generating waveforms, Sound replay, load and save.
- Arguments and return values, M-files, Formatted console input-output, String handling
- Conditional statements: If, Else, Elseif, Repetition statements: While, For
- Writing to a text file, Reading from a text file, Randomising and sorting a list, Searching a list
- Attaching buttons to actions, Getting Input, Setting Output
- Characterization of linear systems, Finite Impulse Response filters, Infinite Impulse Response filters, Frequency response
- Filter bank analysis, Fourier analysis, Spectrograms, Filter bank synthesis
- Fundamental frequency estimation – frequency domain, Fundamental frequency estimation – time domain, Formant frequency estimation

Certificate Course Plan:

Date	Time	Course Plan
Day 1: 05/01/2021	01.00 pm to 05.00 pm	Working with numbers, Machine code, and Software hierarchy.
Day 2: 06/01/2021	01.00 pm to 05.00 pm	Expressions, Constants, Variables and assignment, statement. Arrays
Day 3: 07/01/2021	01.00 pm to 05.00 pm	Basic plotting, Built in functions, Generating waveforms, Sound replay, load and save.
Day 4: 08/01/2021	01.00 pm to 05.00 pm	Arguments and return values, M-files, Formatted console input-output, String handling
Day 5: 09/01/2021	01.00 pm to 05.00 pm	Conditional statements: If, Else, Elseif, Repetition statements: While, For
Day 6: 10/01/2021	01.00 pm to 05.00 pm	Writing to a text file, Reading from a text file, Randomising and sorting a list, Searching a list.
Day 7: 11/01/2021	01.00 pm to 05.00 pm	Getting Input, Setting Output, Characterization of linear systems, Finite Impulse Response filters
Day 8: 12/01/2021	01.00 pm to 05.00 pm	Infinite Impulse Response filters, Frequency response, Filter bank analysis.
Day 9: 13/01/2021	01.00 pm to 05.00 pm	Filter bank synthesis, Fundamental frequency estimation

Certificate Course Outcome:

- Students got the basic knowledge about programming and numeric computing platform.
- Students are able to develop algorithms.
- Through this certificate course, students learned how to analyze data.
- Students understood create models
- Students understood Industrial Applications.

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Principal
Jagadambha College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal

Jagadambha Bahuuddeshiya Gramin Vikas Sanstha's

JAGADAMBHA
COLLEGE OF ENGINEERING & TECHNOLOGY , YAVATMAL

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COLLEGE
CODE
EN 1127

Electronics & Telecommunication Engineering Department
A Certificate Course Report

Online Certificate Course on "Verilog HDL Programming"

Academic Year: 2020-21   **Course Code: 7ETp6_2020**

Department of Electronics and Telecommunication Engineering organized a live session on Verilog HDL Programming for students to inform the audience about the Introduction to HDL, Data Flow Modelling and its Simulation, FSM Modelling, Structural Modelling.

1. Event Date:07/02/2021 to 15/02/2021

2. Event Mode: Online Mode on Free Conference Call Application

3. Name of Experts :Mr. Bahubali P. Fuladi

3. Name of Event Coordinator: Prof. A. R. Dudhe

4. Expected Audience:Students

5. Number of Participants:32

6. Hours per Day: 04 Hours per Day

Objectives:-

- To understand HDL.

- To Creating Data Flow Modelling, Structural Modelling and its Simulation

- To understand Functions and Procedures

- To understandCreating Test Module, and Creating Test Bench for Designs.

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Principal
Jagadambha College of Engineering &
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Syllabus:-

1. Introduction to VLSI Design.
2. Introduction to VLSI Design
3. Introduction to Digital Design
4. Introduction to HDL
5. Data Flow Modelling and its Simulation
6. Behavioral Level Modelling
7. Functions and Procedures
8. Memory Designing
9. FSM Modelling
10. Structural Modelling
11. Verification
12. Advanced Topics

Brief Report

Department of Electronics & Telecommunication engineering organized **A Certificate Course on Verilog HDL Programming** for Third Year and Final Year Electronics & Telecommunication Engineering students from date 07/02/2021 to 15/02/2021 (09 Days) to inform the students about the basic knowledge about VHDL.

This Certificate Course was inaugurated on 07/02/2021 on an Online Mode on Free Conference Call Application. For inaugural function, Expert of Certificate Course Mr. Bahubali P. Fuladi, Prof. V. K. Barbudhe, Head of Electronics & Telecommunication Engineering Department, All Faculty members of Electronics & Telecommunication Department were present for this inaugural function.

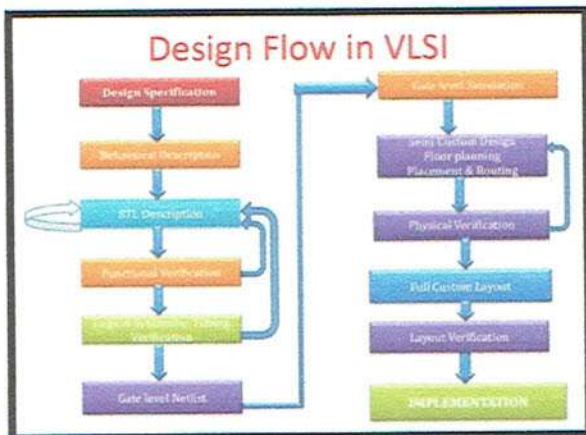The schedule for the 9 days Certificate Course is given below,

The schedule:-

Date	Time	Syllabus covered
Day 1: 07/02/2021	01.00 pm to 05.00 pm	Introduction to VLSI Design: Introduction to Digital VLSI Design, Applications of VLSI, VLSI Design Flow.
Day 2: 08/02/2021	01.00 pm to 05.00 pm	Introduction to Digital Design: Digital Signal, Digital System, Performance of Digital Systems over Analog Systems, Combinational and Sequential Devices.
Day 3: 09/02/2021	01.00 pm to 05.00 pm	Introduction to HDL: Introduction to VHDL, Features of VHDL, Introduction to different levels of VHDL Modelling, VHDL Code Structure, Library Declaration, Identifiers, Data Types, Data Conversion, Operators, Data Attributes, Operator Overloading.

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Principal
Jagadambha College of Engineering &
Technology, Arni Road, Nishi, Yavatmal

Day 4: 10/02/2021	01.00 pm to 05.00 pm	Data Flow Modelling and it's Simulation: Introduction to Operators, Literals, Data Flow Modelling, Introduction to ModelSim software, Working Environment in ModelSim, Simulation of Module.
Day 5: 11/02/2021	01.00 pm to 05.00 pm	Behavioral Level Modelling: Introduction to Behavioral Level Modelling, Procedural Block, Control Statements, Signals and Variables, Designing of Digital Devices using Behavioral Level Modelling. Functions and Procedure: Introduction to Function and Procedure, Creating Function in VHDL, Creating Procedure in VHDL.
Day 6: 12/02/2021	01.00 pm to 05.00 pm	Memory Designing: Memory Parameters, RAM Design: 1 port/dual port, ROM Design: 1port/dual port. FSM Modelling: Introduction to FSM, Steps for creating FSM Module in VHDL, FSM Designing.
Day 7: 13/02/2021	01.00 pm to 05.00 pm	Structural Modelling: Introduction to Structural Modelling, Interfacing Methods, Creating Top Design via Structural Modelling.
Day 8: 14/02/2021	01.00 pm to 05.00 pm	Verification: Introduction to Verification: Functional, Timing, Delay, Loops: wait/for/while/exit/next, Introduction to Test Bench, Creating Test Module, and Creating Test Bench for Designs.
Day 9: 15/02/2021	01.00 pm to 05.00 pm	Advanced Topics: Packages, Generic MAP, Assertions, and Configurations.

Screenshot 1: Snapshots During the Session

List of registered and participated students is as under

Sr. No.	Name of Students	Year
1.	Sadiyaparveen Anwar Shah	Third Year
2.	Ashwini Dattatray Bahadure	Third Year
3.	Shivani Dattarao Kawde	Third Year
4.	Sanakausar Naushadali Sarve	Third Year
5.	Archana Bapurao Dawane	Third Year
6.	Sneha Raju Tamboli	Third Year
7.	Rajshri Dnyaneshwar Kolhe	Third Year
8.	Komal Avinash Bhoyar	Third Year
9.	Anjali Sitaram Atram	Third Year
10.	Shweta Ajayrao Meghe	Third Year
11.	Shrutika Mahesh Padhye	Third Year
12.	Shyam Shivaji Sharma	Third Year
13.	Rajesh Udaysing Malvi	Third Year
14.	Kedarnath Parmeshwar Chavhan	Third Year
15.	Lavkush Ananda Sategaonkar	Third Year
16.	Kalpesh Kailas Mankar	Third Year
17.	Vikas Manohar Jadhao	Third Year
18.	Mayur Santosh Dange	Third Year
19.	Deep ManikraoThakare	Third Year
20.	Tushar Prakash Gorle	Third Year
21.	Tejas Sudhakar Gulhane	Third Year
22.	Chaitali Vilas Mirase	Final Year
23.	Gauri Rameshrao Khasale	Final Year
24.	Geeta Madhav Nimmalwar	Final Year
25.	Harshada Tulshidas Dhawane	Final Year
26.	Jayashree Digambar Upare	Final Year
27.	Kunal Sanjay Kale	Final Year
28.	Maroti Prakash Hatmode	Final Year
29.	Rahul Prabhakar Ghangonkar	Final Year
30.	Rustam Khan Zahed Khan	Final Year
31.	Vaibhav Kailas Humbade	Final Year
32.	Vivek Marotrao Gayakwad	Final Year

Course Outcomes:-

- Students got the basic knowledge about Features of VHDL, VHDLModelling.

- Students are able to develop basic programming on VHDL.

- Through this certificate course, students learned FSM, FSM Designing.

- Students understood Functions and Procedures.

- Students understood Creating Test Module, and Creating Test Bench for Designs.

Prof. A. R. Dudhe

Course Coordinator

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Arni Road,Kinhi,Yavatmal

Prof. V. K. Barbudhe

H.O.D., E&TC Engg.Dept.

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JAGADAMBHA COLLEGE OF ENGINEERING & TECHNOLOGY, YAVATMAL
ELECTRONICS & TELECOMMUNICATION ENGINEERING DEPARTMENT
A Certificate Course on
"Verilog HDL Programming"

Academic Year: 2020 - 21   Course Code: 7ETp6_2020

ATTENDANCE SHEET

(Date : 07/02/2021 to 15/02/2021)

Sr. No.	Name of Students	07/02	08/02	09/02	10/02	11/02	12/02	13/02	14/02	15/02
1.	Sadiyaparveen Anwar Shah	P	P	P	P	P	P	P	P	P
2.	Ashwini Dattatray Bahadure	P	P	P	P	A	P	P	P	P
3.	Shivani Dattarao Kawde	P	P	P	P	P	P	P	P	P
4.	Sanakausar Naushadali Sarve	P	P	P	P	P	P	P	P	P
5.	Archana Bapurao Dawane	P	P	P	P	P	P	P	P	P
6.	Sneha Raju Tamboli	P	P	P	P	P	P	P	P	P
7.	Rajshri Dnyaneshwar Kolhe	P	P	P	P	P	P	A	P	P
8.	Komal Avinash Bhoyar	P	P	P	P	P	P	P	P	P
9.	Anjali SitaramAtram	P	P	P	P	P	P	P	P	P
10.	Shweta Ajayrao Meghe	P	P	P	P	P	P	P	P	P
11.	Shrutika Mahesh Padhye	P	P	P	P	P	P	P	P	P
12.	Shyam Shivaji Sharma	P	P	P	P	P	P	P	P	P
13.	Rajesh Udaysing Malvi	P	P	P	P	P	P	P	P	P
14.	Kedarnath Parmeshwar Chavhan	P	A	P	P	P	P	P	P	P
15.	Lavkush Ananda Sategaonkar	P	P	P	P	P	P	P	P	P
16.	Kalpesh Kailas Mankar	P	P	P	P	P	P	P	P	P
17.	Vikas Manohar Jadhao	P	P	P	P	P	P	P	A	P
18.	Mayur Santosh Dange	P	P	P	P	P	P	P	P	P
19.	Deep Manikrao Thakare	P	P	P	P	P	P	P	P	P
20.	Tushar Prakash Gorle	P	P	P	A	P	P	P	P	P
21.	Tejas Sudhakar Gulhane	P	P	P	P	P	P	P	P	P
22.	Chaitali Vilas Mirase	P	P	P	P	P	P	P	P	P
23.	Gauri Rameshrao Khasale	P	P	P	P	P	P	P	P	P
24.	Geeta Madhav Nimmalwar	P	P	A	P	A	A	P	A	P
25.	HarshadaTulshidas Dhawane	P	P	P	P	P	P	P	P	P
26.	Jayashree Digambar Upare	P	P	P	P	P	P	P	P	P
27.	Kunal Sanjay Kale	P	P	P	P	P	P	P	P	P
28.	Maroti Prakash Hatmode	P	P	P	P	P	P	P	A	P
29.	Rahul Prabhakar Ghangonkar	P	P	P	P	P	P	P	P	P
30.	Rustam Khan Zahed Khan	P	P	P	P	P	P	P	P	P
31.	Vaibhav Kailas Humbade	P	P	P	A	P	P	P	P	P
32.	Vivek Marotrao Gayakwad	P	P	P	P	P	P	P	P	P

Prof. A. R. Dudhe
Course Coordinator

Dr. Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
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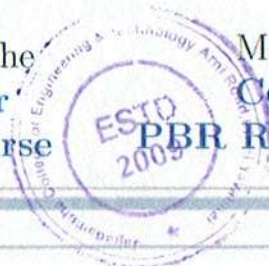H.O.D., E&TC Engg.Dept.

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CERTIFICATE OF COURSE COMPLETION

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Prof. A. R. Dudhe
Co-Ordinator
Certificate Course

Mr. B. P. Fuladi
Course Expert
PBR Research, Amravati

Prof. V. K. Barbudhe
HOD, E&TC Engg. Deptt.
JE, Yavatmal

Dr. H. M. Baradkar
Principal
JE, Yavatmal

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
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President, JBGVS, Yavatmal
Hon'ble Dr. Shital A. Watile
Secretary, JBGVS, Yavatmal
Hon,ble Shri. Pawan A. Watile
Director, JBGVS, Yavatmal

CERTIFICATE COURSE EXPERT

Prof. B. P. Fuladi
PBR Research, Amravati

PRINCIPAL

Dr. H. M. Baradkar
JE, Yavatmal

HEAD OF DEPARTMENT

Prof. V. K. Barbudhe
E&TC Engineering Department
JE, Yavatmal

COURSE CO-ORDINATOR

Prof. A. R. Dudhe
Assistant Professor,
E&TC Engineering Department
Mobile No. 7083477444

Jagadambha Bahuuddeshiya Gramin Vikas Sanstha's
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A Online Certificate Course on "Verilog HDL PROGRAMMING"

VERILOG HDL

Date : 07 / 02/ 2021 to 15 / 02 / 2021

Duration of the Certificate Course : 36 Hours

For Enrollment in Certificate Course Contact to Course Coordinator

**Organised By
ELECTRONICS & TELECOMMUNICATION ENGINEERING DEPARTMENT**

Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal

ABOUT DEPARTMENT

The Electronics and Telecommunication Engineering Department at Jagadambha College of Engineering and Technology, Yavatmal responsible for designing and overseeing the installation of telecommunication equipment and facilities, such as complex electronic switching systems, and other plain old telephone service facilities, optical fiber cabling, IP networks and microwave transmission systems. department of Electronics and Telecommunication Engineering is offering technology oriented courses and creating manpower in the strategic areas well compatible with the industrial expectations.

CERTIFICATE COURSE PLAN

Date	Time	Course Plan
Day 1: 07/02/2021	01.00 pm to 05.00 pm	Introduction to VLSI Design
Day 2: 08/02/2021	01.00 pm to 05.00 pm	Introduction to Digital Design
Day 3: 09/02/2021	01.00 pm to 05.00 pm	Introduction to HDL
Day 4: 10/02/2021	01.00 pm to 05.00 pm	Data Flow Modeling and it's Simulation
Day 5: 11/02/2021	01.00 pm to 05.00 pm	Behavioral Modeling, Functions & Procedure
Day 6: 12/02/2021	01.00 pm to 05.00 pm	Memory Designing, FSM Modeling
Day 7: 13/02/2021	01.00 pm to 05.00 pm	Structural Modeling
Day 8: 14/02/2021	01.00 pm to 05.00 pm	Verification, Introduction to Test Bench
Day 9: 15/02/2021	01.00 pm to 05.00 pm	Advanced Topics

CERTIFICATE COURSE OUTCOME

- Students got the basic knowledge about Features of VHDL, VHDL Modelling.
- Students are able to develop basic programming on VHDL.
- Through this certificate course, students learned FSM, FSM Designing.
- Students understood Functions and Procedures.
- Students understood Creating Test Module, and Creating Test Bench for Designs.

EXPERT

Prof. B. P. Fuladi
PBR Research, Amravati
Address : Navathe Plot, Badnera Road, Amravati, Maharashtra, 444607
Website : pbrresearch.com
Email : pbr3dp@gmail.com

CERTIFICATE COURSE SYLLABUS

- Introduction to VLSI Design
- Introduction to VLSI Design
- Introduction to Digital Design
- Introduction to HDL
- Data Flow Modelling and its Simulation
- Behavioral Level Modelling
- Functions and Procedures
- Memory Designing
- FSM Modelling
- Structural Modelling
- Verification
- Advanced Topics

CERTIFICATE COURSE OBJECTIVE

- To understand HDL.
- To Creating Data Flow Modelling, Structural Modelling and its Simulation
- To understand Functions and Procedures
- To understand Creating Test Module, and Creating Test Bench for Designs.

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Principal
Jagadambha College of Engineering & Technology, Arni Road, Kinhi, Yavatmal

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JAGADAMBHA BAHUUDDESHIYA GRAMIN VIKAS SANSTH'S

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COLLEGE OF ENGINEERING & TECHNOLOGY , YAVATMAL
Approved by A.I.C.T.E. & Government of Maharashtra, Affiliated to S.G.B. Amravati University, Amravati.

COLLEGE CODE EN- 1127

Computer Engineering Department
<u>A Session Event Report</u>

Online Certificate Course on
"Core Python"

By Skill Link, Stargate, Nagpur, Maharashtra

Academic Year: 2020-21

Course Code: CP_2020

Department of Computer Engineering organized a live session on **Core Python** for students to inform the audience about the upcoming market scenarios that will be faced by Computer engineers.

1. Event Date :01/11/2020 to 05/11/2020

2. Event Mode : Online Mode on Zoom Application

3. Name of Experts : Mr. Sharad Sarode

4. Name of Event Coordinator : Prof. A. A. Kolpyakwar

4. Expected Audience : Students

5. Number of Participants :46

6. Hours per Day : 06 Hours per Day

Objectives:-

- To understand basic principles of Core python.
- To understand operation and performance of Python Applications.
- To increase awareness of Python language in market.
- To develop awareness of Different technology.
- To understand the business opportunities.

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Arni Road,Kinhi,Yavatmal

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Syllabus:-

1. Data-types in Python

2. Variables in Python – Declaration and Use

3. Typecasting in Python

4. Operators in Python – Assignment, Logical, Arithmetic etc.

5. String Manipulation – Basic Operations, Slicing & Functions and Methods

6. User Defined Functions – Defining, Calling, Types of Functions, Arguments

7. Lambda Function

8. Importing Modules – Math Module

9. String Manipulation – Basic Operations, Slicing & Functions and Methods

10. User Defined Functions – Defining, Calling, Types of Functions, Arguments

The schedule:-

| Date	Time	Syllabus covered
Day 1: 01/11/2020	11.00 am to 04.00 pm	Introduction: Data-types in Python Variables in Python – Declaration and Use
Day 2: 02/11/2020	11.00 am to 04.00 pm	Typecasting in Python Operators in Python – Assignment, Logical, Arithmetic etc.String Manipulation – Basic Operations, Slicing & Functions and Methods
Day 3: 03/11/2020	11.00 am to 04.00 pm	User Defined Functions – Defining, Calling, Types of Functions, Arguments Lambda Function Importing Modules – Math Module
Day 4: 04/11/2020	11.00 am to 04.00 pm	String Manipulation – Basic Operations, Slicing & Functions and Methods
Day 5: 05/11/2020	11.00 am to 04.00 pm	User Defined Functions – Defining, Calling, Types o Functions, Arguments

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Arni Road,Kinhi,Yavatmal

Screenshot 1: Experts conducting the session
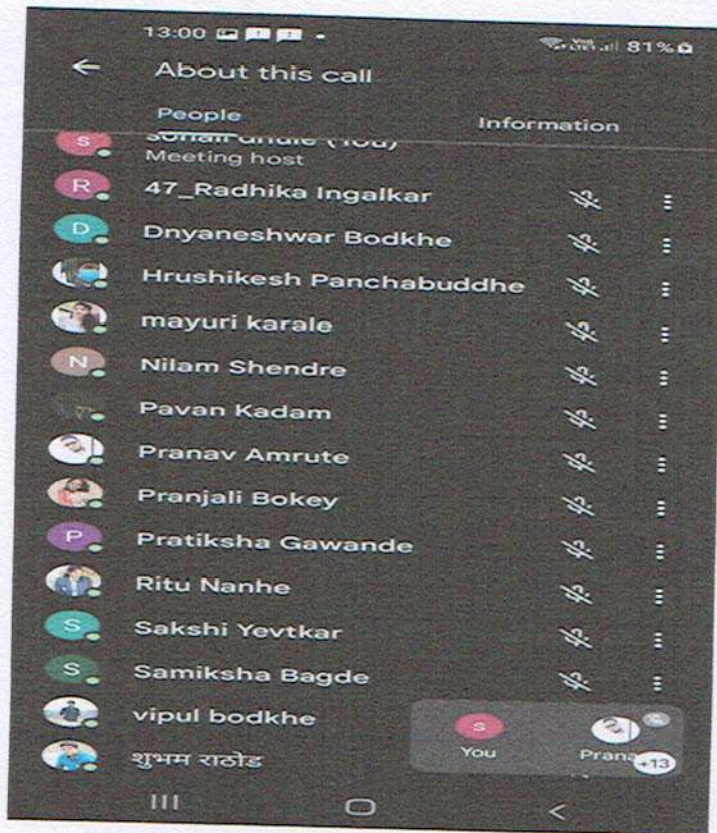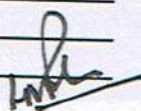

Screenshot 2: The students Attending the session

Dr. Hemant M. Saradkar
Principal
Jagadambha College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal

List of registered and participated students is as under,

Sr. No	Name of Student
1	AMRUTE PRANAV SANJAY
2	BAGADE SAMIKSHA KALYAN
3	BELSARE VAISHNAVI SUNILRAO
4	BENDRE JAGRUTI JITENDRA
5	CHAUDHARI SURAJ NANDU
6	CHAUDHARI TEJAL ANILRAO
7	DADHE BHAGYASHRI ANIL
8	PRANAV AMRUTE
9	DHOKE PREMKUMAR YOGESH
10	DHONGADE PRATIKSHA DEVIDAS
11	GAWANDE PRATIKSHA GHANSHYAM
12	GAWANDE SAKSHI SANJAY
13	GULHANE SAKSHI SUDHAKAR
14	INGALKAR RADHIKA MORESHWAR
15	PRANJALI BOKEY
16	KAIKADE GAURAV EKNATH
17	KALYANKAR PRATHMESH SURESHRAO
18	MIRZAPURE SAKSHI MAROTI
19	MOHARE RUPESH NEMICHAND
20	NANHE RITU NARAYAN
21	NERKAR PALLAVI HEMRAJ
22	NIMBALKAR SAKSHI NARAYAN
23	ONKAR NIKITA VIJAY
24	SAMIKSHA KHOBRAGADE
25	SAYALI ANIL KATOLKAR
26	SAYALI SULBHEWAR
27	SRUSHTI BHURE
28	ABHIMANYU VITTHALRAO DEULKAR
29	ARFAT SYED
30	CHAITNYA MURALIDHAR CHATURKAR
31	LAKHAN RATHOD
32	MAYUR KAWARE
33	MOHIT MAHADEVRAO KURWADE
34	NANDKISHOR PRAKASH JAWALE
35	NITIN JADHAO
36	PRANAV VIKAS WANARI
37	PRASHANT JITENDRA BHAWARE
38	ROHIT BALKRISHNA INGALE
39	SADANAND DATTA WANOLE
40	SUFIYAN SHEIKH
41	SUNNY RAJESH SHIRBHATE
42	SWARUP G. THAMKE
43	VIVEK DEVANAND DHOLE
44	YASH GUGALIYA
45	BHUSHAN DIPAK KARALE
46	DURGA NEHARE
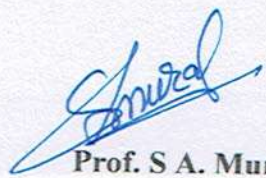
Dr. Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal

ESTD
2009

Course Outcomes:-

- Students got the basic knowledge Python
- Students learned the features of Python as a programming LAnguage
- Through this certificate course, students learned to promote new teaching model that will help to develop programming skills and technique to solve mathematical problems.
- Students understood the Python and its applications.
- Students understood to use Python in IT industries.

Asst. Prof. A.A. Kolpyakwar
Course Coordinator

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Arni Road,Kinhi,Yavatmal

Prof. S A. Murab
H.O.D., Computer Engg. Dept.

Jagabambha College of Engineering and technology, Yavatmal

A Cerificate Course : Core Python
Session: 2020-21
Department of Computer Engineering

Attendance

Sr. No	Name of Student	1/11/2020	2/11/2020	3/11/2020	4/11/2020	5/11/2020
1	AMRUTE PRANAV SANJAY	P	P	P	P	P
2	BAGADE SAMIKSHA KALYAN	P	P	P	P	P
3	BELSARE VAISHNAVI SUNILRAO	P	P	P	P	P
4	BENDRE JAGRUTI JITENDRA	P	P	P	P	P
5	CHAUDHARI SURAJ NANDU	P	P	P	P	P
6	CHAUDHARI TEJAL ANILRAO	P	P	P	P	P
7	DADHE BHAGYASHRI ANIL	P	P	P	P	P
8	PRANAV AMRUTE	P	P	P	P	P
9	DHOKE PREMKUMAR YOGESH	P	P	P	P	P
10	DHONGADE PRATIKSHA DEVIDAS	P	P	P	AB	P
11	GAWANDE PRATIKSHA GHANSHYAM	P	P	P	P	P
12	GAWANDE SAKSHI SANJAY	P	P	P	P	P
13	GULHANE SAKSHI SUDHAKAR	P	P	P	P	P
14	INGALKAR RADHIKA MORESHWAR	P	P	P	P	P
15	PRANJALI BOKEY	P	P	P	P	P
16	KAIKADE GAURAV EKNATH	P	P	P	P	P
17	KALYANKAR PRATHMESH SURESHRAO	P	P	P	P	P
18	MIRZAPURE SAKSHI MAROTI	P	P	P	P	P
19	MOHARE RUPESH NEMICHAND	P	P	P	P	P
20	NANHE RITU NARAYAN	P	AB	P	P	P
21	NERKAR PALLAVI HEMRAJ	P	P	P	P	P
22	NIMBALKAR SAKSHI NARAYAN	P	P	P	P	P
23	ONKAR NIKITA VIJAY	P	P	P	P	P
24	SAMIKSHA KHOBRAGADE	P	P	P	P	P
25	SAYALI ANIL KATOLKAR	P	P	P	P	P

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Arni Road,Kinhi,Yavatmal

No.	Name					
26	SAYALI SULBHEWAR	P	P	P	P	P
27	SRUSHTI BHURE	P	P	P	P	P
28	ABHIMANYU VITTHALRAO DEULKAR	P	P	P	P	P
29	ARFAT SYED	P	P	P	P	P
30	CHAITNYA MURALIDHAR CHATURKAR	P	P	P	P	P
31	LAKHAN RATHOD	P	P	P	P	P
32	MAYUR KAWARE	P	P	P	P	P
33	MOHIT MAHADEVRAO KURWADE	P	P	P	P	P
34	NANDKISHOR PRAKASH JAWALE	P	P	P	AB	P
35	NITIN JADHAO	P	P	P	P	P
36	PRANAV VIKAS WANARI	P	P	P	P	P
37	PRASHANT JITENDRA BHAWARE	P	P	P	P	P
38	ROHIT BALKRISHNA INGALE	P	P	P	P	P
39	SADANAND DATTA WANOLE	P	P	P	P	P
40	SUFIYAN SHEIKH	P	P	P	P	P
41	SUNNY RAJESH SHIRBHATE	P	P	P	P	P
42	SWARUP G. THAMKE	P	P	P	P	P
43	VIVEK DEVANAND DHOLE	P	P	P	AB	P
44	YASH GUGALIYA	P	P	P	P	P
45	BHUSHAN DIPAK KARALE	P	P	P	P	P
46	DURGA NEHARE	P	P	P	P	P

Course Co-ordinator

HOD, CE Dept.

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal

JAGADAMBHA
COLLEGE OF ENGINEERING & TECHNOLOGY, YAVATMAL

CERTIFICATE OF ACHIEVEMENT

This certificate is proudly presented to

Mr. Pranav Sanjay Amrute

On Successful Completion of Online Certificate course on "Core Python" For 2nd year Computer engineering students Organized by Computer Engineering Department, Jagadambha College of Engg. & Tech., Yavatmal The Course was Conducted During 1/11/2020 to 5/11/2020 for 30 hrs Duration.

Best AWARD

Mr. Sharad Sarode
Trainer
Director Stargate, nagpur

ESTD 2009

Prof. S.A. Murab
HOD Comp. Engg. Dept.
JCOET, Yavatmal

Dr. H.M. Baradkar
HOD Comp. Engg. Dept.
JCOET, Yavatmal

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Arni Road,Kinhi,Yavatmal

JAGADAMBHA BAHUUDDESHIYA GRAMIN VIKAS SANSTH'S

JAGADAMBHA
COLLEGE OF ENGINEERING & TECHNOLOGY , YAVATMAL
Approved by A.I.C.T.E. & Government of Maharashtra, Affiliated to S.G.B. Amravati University, Amravati.

COLLEGE CODE EN- 1127

Computer Engineering Department
A Session Event Report

Online Certificate Course on
"Java Swing"

By Skill Link, Logicshala, Nagpur, Maharashtra

Academic Year: 2020-21   **Course Code: 5KE05_2021 (IJP)**

Department of Computer Engineering organized a live session on **JAVA Swing** for students to inform the audience about the upcoming market scenarios that will be faced by Computer engineers.

1. Event Date :16/10/2020 to 21/10/2020

2. Event Mode : Online Mode on Zoom Application

3. Name of Experts : Mr. omkar kekare
4. Name of Event Coordinator : Prof. K. L. Chavan

4. Expected Audience : Students

5. Number of Participants : 39

6. Hours per Day : 06 Hours per Day

Objectives:-

- To understand basic principles of Java Swing.

- To understand operation and performance ofJava Applications.

- To increase awareness ofJava language in market.

- To develop awareness of Different technology.

- To understand the business opportunities.

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Arni Road,Kinhi,Yavatmal

ESTD 2009

Syllabus:-

1. Data-types inJava

2. Variables in Java – Declaration and Use

3. Typecasting in Java

4. Operators inJava – Assignment, Logical, Arithmetic etc.

5. String Manipulation – Basic Operations, Slicing & Functions and Methods

6. User Defined Functions – Defining, Calling, Types of Functions, Arguments

7. Lambda Function

8. Importing Modules – Math Module

9. String Manipulation – Basic Operations, Slicing & Functions and Methods

10. User Defined Functions – Defining, Calling, Types of Functions, Arguments

The schedule:-

Date	Time	Syllabus covered
Day 1: 16/10/2020	11.00 am to 04.00 pm	Introduction: Data-types inJava Variables inJava – Declaration and Use
Day 2: 17/10/2020	11.00 am to 04.00 pm	Typecasting inJava Operators inJava – Assignment, Logical, Arithmetic etc.String Manipulation – Basic Operations, Slicing & Functions and Methods
Day 3: 18/10/2020	11.00 am to 04.00 pm	User Defined Functions – Defining, Calling, Types of Functions, Arguments Lambda Function Importing Modules – Math Module
Day 4: 19/10/2020	11.00 am to 04.00 pm	String Manipulation – Basic Operations, Slicing & Functions and Methods
Day 5: 20/10/2020	11.00 am to 04.00 pm	User Defined Functions – Defining, Calling, Types o Functions, Arguments
Day 5: 21/10/2020	11.00 am to 04.00 pm	Arguments Lambda Function Importing Modules – Math Module

Screenshot 1: Experts Discussion with Students

Screenshot 2: The students and Event Coordinator during the session

List of registered and participated students is as under,

Roll. No.	Name of student
1	MISS. AKANKSHA AJAY GUJAR
2	MISS. ANUSAYA KISAN KAWANE
3	MISS. DHANASHREE KRUSHNA INGOLE
4	MISS.HARSHA VILASRAO NIKHADE
5	MISS. KAJAL GANESHKUMAR LODHA
6	MISS. KALYANI GIRISH JAT
7	MISS. KAVITA BALIRAM RATHOD
8	MISS. KIRTI SUNIL SANGAPWAR
9	MISS. KOMAL TARACHAND JANJID
10	MISS. MANISHA GAJANAN IDHOLE
11	MISS. NEHA VILAS RATHOD
12	MISS. PALLAVI MANOHAR UKE
13	MISS. POOJA UTTAM GURNULE
14	MISS. PRAJAKTA RAJESH CHAUDHARY
15	MISS. PRANJALI ANIL KALE
16	MISS. PRATIKSHA SANTOSH RATHOD
17	MISS. PRIYANKA PRABHAKAR KARANJEWAR
18	MISS. PRIYA BANDU HALATKAR
19	MISS. ROSHANI SUNIL RATHOD
20	MISS. RUPALI DILIPRAO SAHARE
21	MISS. SAKSHI LILESHWAR BANAIT
22	MISS. SAMRUDDHI KISHOR JOSHI
23	MISS. SANTOSHI RAJESH SHARMA
24	MISS. SHIVANI TUKARAM MAHALLE
25	MISS.SHWETA GAWALI
26	MISS. SNEHAL WASUDEO DHAWAK
27	MISS. SONAL DIGAMBAR KAKAD
28	MISS. SONALI D. SHIMPI
29	MISS.SHUBHANGI TANDEKAR
30	MISS. VIJAYA MILIND WATKAR
31	MISS. VRUSHALI PRADIP CHAUDHARI
32	MISS. YOGESHWARI VIJAY GANJRE
33	MISS. YUKTA VIKAS KHADSE
34	MR. AMIT RAJENDRA THAKARE
35	MR. ANIKET AKEKAR
36	MR. ANVISH SHAIKH
37	MR. KUNAL SHALIKRAO PAL
38	MR. OM THAKARE
39	MR. SURAJ SANJAY WATKAR

Dr. Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal

Course Outcomes:-

- Students learned the basic knowledge of Computer science and engineering.
- Students learned the basic computer engineering principles from this certificate course.
- Through this certificate course, students understood very well the basics of Java and where to apply it.
- Students understood the technical representation of Java.
- This certificate course was very helpful to the students to know the Software modeling language.

Asst. Prof. A K. Kolpyakwar

Course Coordinator

Prof. S.A.Murab

H.O.D., Comp. Engg. Dept.

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Ami Road,Kinhi,Yavatmal

Jagabambha College of Engineering and technology, Yavatmal

A Cerificate Course : JAVA Swing

Session: 2020-21

Department of Computer Engineering

Attendance

Roll. No.	Name of student	16/10/2020	17/10/2020	18/10/2020	19/10/2020	20/10/2024	21/10/2025
1	MISS. AKANKSHA AJAY GUJAR	p	p	p	p	p	p
2	MISS. ANUSAYA KISAN KAWANE	p	p	p	p	p	p
3	MISS. DHANASHREE KRUSHNA INGOLE	p	p	p	p	p	p
4	MISS.HARSHA VILASRAO NIKHADE	p	p	p	p	p	p
5	MISS. KAJAL GANESHKUMAR LODHA	p	p	p	p	p	p
6	MISS. KALYANI GIRISH JAT	p	p		p	p	p
7	MISS. KAVITA BALIRAM RATHOD	p	p	p	p	p	p
8	MISS. KIRTI SUNIL SANGAPWAR	p	p	p	p	p	p
9	MISS. KOMAL TARACHAND JANJID	p	p	p	p	p	p
10	MISS. MANISHA GAJANAN IDHOLE	p	p	p	p	p	
11	MISS. NEHA VILAS RATHOD	p	p	p	p	p	p
12	MISS. PALLAVI MANOHAR UKE	p	p	p	p	p	p
13	MISS. POOJA UTTAM GURNULE	p		p	p	p	p
14	MISS. PRAJAKTA RAJESH CHAUDHARY		p	p	p	p	p
15	MISS. PRANJALI ANIL KALE	p	p	p	p	p	p
16	MISS. PRATIKSHA SANTOSH RATHOD	p	p	p		p	p
17	MISS. PRIYANKA PRABHAKAR KARANJEWAR	p	p	p	p	p	p
18	MISS. PRIYA BANDU HALATKAR	p	p	p	p	p	p
19	MISS. ROSHANI SUNIL RATHOD	p		p	p	p	p

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology.Arni Road,Kinhi,Yavatmal

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No	Name						
20	MISS. RUPALI DILIPRAO SAHARE	p	p	p	p		p
21	MISS. SAKSHI LILESHWAR BANAIT	p	p		p	p	p
22	MISS. SAMRUDDHI KISHOR JOSHI	p	p	p	p	p	p
23	MISS. SANTOSHI RAJESH SHARMA	p	p	p	p	p	p
24	MISS. SHIVANI TUKARAM MAHALLE		p	p	p	p	p
25	MISS.SHWETA GAWALI	p	p	p		p	p
26	MISS. SNEHAL WASUDEO DHAWAK	p	p	p	p	p	p
27	MISS. SONAL DIGAMBAR KAKAD	p	p	p	p	p	p
28	MISS. SONALI D. SHIMPI	p	p	p	p	p	
29	MISS.SHUBHANGI TANDEKAR	p	p	p	p	p	
30	MISS. VIJAYA MILIND WATKAR	p	p	p	p	p	p
31	MISS. VRUSHALI PRADIP CHAUDHARI	p	p	p	p	p	p
32	MISS. YOGESHWARI VIJAY GANJRE	p	p	p	p	p	p
33	MISS. YUKTA VIKAS KHADSE	p		p	p		p
34	MR. AMIT RAJENDRA THAKARE	p	p		p	p	p
35	MR. ANIKET AKEKAR	p	p	p	p	p	p
36	MR. ANVISH SHAIKH	p	p	p	p	p	p
37	MR. KUNAL SHALIKRAO PAL			p	p	p	
38	MR. OM THAKARE	p	p	p	p	p	p
39	MR. SURAJ SANJAY WATKAR	p	p	p		p	p

Course Co-ordinator

HOD. CE. Dept

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal

JAGADAMBHA
COLLEGE OF ENGINEERING & TECHNOLOGY , YAVATMAL
Approved by AICTE, Recognised by DTE & Affliated to S.G.B. Amravati University, Amravati

COURSE CERTIFICATE

This is to Certify that

Miss./ Mr. SAMRUDDHI KISHOR JOSHI

has completed **Online certificate Course on "JAVA SWING "**successfully,
During 16/10/2020 to 21/10/2020 for Duration of 36 Hrs.Hence this certificate of
complition has been offered.

Mr.Omkar Kekre
Trainer, Techwalnut Innovations LLP.
(Logic Shala)

Dr.Hemant Baradkar
Principall, JCOET, Yavatmal

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Arni Road,Kinhi,Yavatmal

ESTD
2009

JAGADAMBHA
COLLEGE OF ENGINEERING & TECHNOLOGY , YAVATMAL

Department of Computer Engineering
Organises Online Certificate Course
on

"JAVA SWING"

For FINAL Year
Computer Engineering Students

MR. OMKAR KEKRE

TRAINER

DRUATION - 16 OCTOBER 2020 TO 21 OCTOBER 2020

MODE OF COURSE - ONLINE   APPLICATION - ZOOM

{LINK WILL BE PROVIDED ONE DAY BEFORE}

PROF. A. V. MAHALLE
CO-ORDINATOR

PROF. S. A. MURAB
H.O.D. COMP. ENGG. DEPT.

DR. H. M. BARADKAR
PRINCIPAL, JCOET

ESTD
2009

Jr. Hemant M. Baradkar
Princioal
Jagadambha College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal

JAGADAMBHA BAHUUDDESHIYA GRAMIN VIKAS SANSTH'S

JAGADAMBHA
COLLEGE OF ENGINEERING & TECHNOLOGY , YAVATMAL
Approved by A.I.C.T.E. & Government of Maharashtra, Affiliated to S.G.B. Amravati University, Amravati.

COLLEGE CODE EN- 1127

Computer Engineering Department
A Certificate Course Report

Online Certificate Course on
"Internet of Things & its Applications
(For Second Year Computer Engineering)"

By Skill Link, Stargate, Nagpur, Maharashtra

Academic Year: 2020-21   **Course Code: IOT&A_2020**

Department of Computer Engineering organized **Online Certificate Course on Internet of Things & its Applications** for students of Second Year Computer Engineering to inform them about the upcoming market scenarios that will be faced by Computer Engineers.

1. Course Date: 15/12/2020 to 20/12/2020 (06 Days)

2. Mode of Course conduction: Online Mode on Zoom Application

3. Name of Course Expert: Mr. Ashish Labhade

4. Name of Course Coordinator: Prof. R. V. Deshmukh

5. Number of Participants: 30   Type your text

6. Time : 11:00 AM to 04:00 PM (30 Hours)

Objectives:-

- To understand basic principles of IoT.
- To understand operation and performance of IoT Applications.
- To increase awareness of IoT in market.
- To develop awareness of Different technology.
- To understand the business opportunities.

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Arni Road,Kinhi,Yavatmal

Syllabus:-

1. Introduction to IOT Understanding IoT fundamentals

2. IOT Architecture and protocols

3. Various Platforms for IoT

4. Real time Examples of IoT

5. Overview of IoT components and IoT Communication Technologies

6. Challenges in IOT

7. Arduino Simulation Environment Arduino Uno Architecture

8. Setup the IDE, Writing Arduino Software

9. Arduino Libraries

The schedule:-

Date	Time	Syllabus covered
Day 1: 15/12/2020	11.00 am to 04.00 pm	Introduction to IOT Understanding IoT fundamentals IOT Architecture and protocols
Day 2: 16/12/2020	11.00 am to 04.00 pm	Real time Examples of IoT
Day 3: 17/12/2020	11.00 am to 04.00 pm	Overview of IoT components and IoT Communication Technologies
Day 4: 18/12/2020	11.00 am to 04.00 pm	Challenges in IOT
Day 5: 19/12/2020	11.00 am to 04.00 pm	Arduino Simulation Environment Arduino Uno Architecture
Day 5: 20/12/2020	11.00 am to 04.00 pm	Setup the IDE, Writing Arduino Software Arduino Libraries

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Arni Road,Kinhi,Yavatmal

Screenshot 1: Expert conducting the session online

Screenshot 2: The students attending the session

Dr. Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology, Arni Road, Kinhi Yavatmal

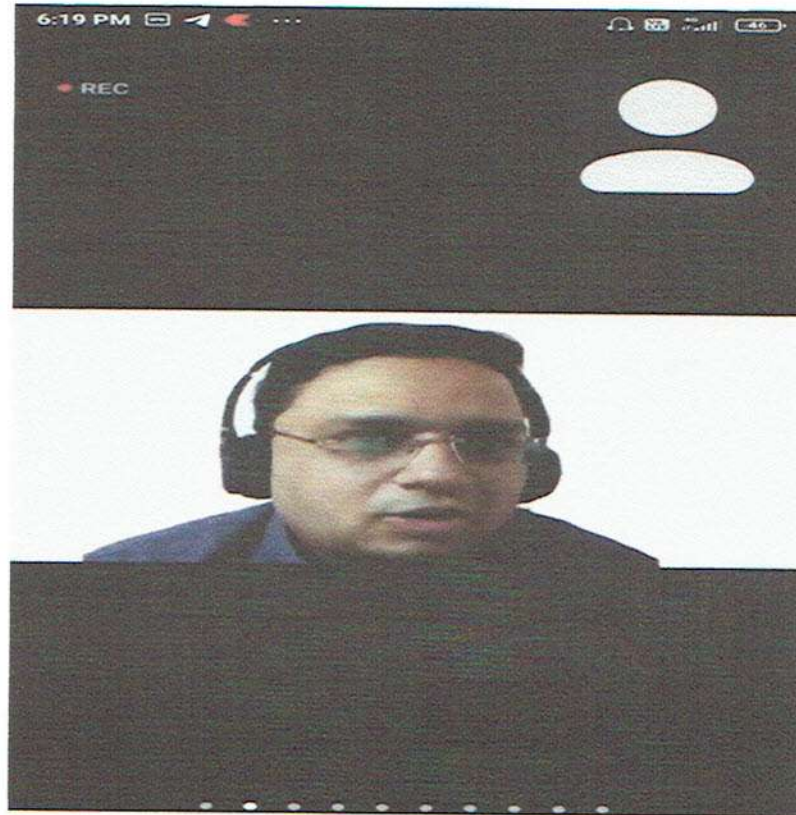List of registered and participated students is as under,

Sr. No	Name Of Student
1	Amrute Pranav Sanjay
2	Bagade Samiksha Kalyan
3	Belsare Vaishnavi Sunilrao
4	Bendre Jagruti Jitendra
5	Chaudhari Suraj Nandu
6	Chaudhari Tejal Anilrao
7	Dadhe Bhagyashri Anil
8	Dhenge Vedant Anil
9	Dhoke Premkumar Yogesh
10	Dhongade Pratiksha Devidas
11	Gawande Pratiksha Ghanshyam
12	Gawande Sakshi Sanjay
13	Gulhane Sakshi Sudhakar
14	Ingalkar Radhika Moreshwar
15	Kadam Pavan Anandrao
16	Kaikade Gaurav Eknath
17	Kalyankar Prathmesh Sureshrao
18	Mirzapure Sakshi Maroti
19	Mohare Rupesh Nemichand
20	Nanhe Ritu Narayan
21	Nerkar Pallavi Hemraj
22	Nimbalkar Sakshi Narayan
23	Onkar Nikita Vijay
24	Padgilwar Aditee Vijay
25	Palkar Komal Diwakar
26	Panchabuddhey Hrushikesh Vinodrao
27	Sahare Vivek Kewalram
28	Satpute Jayesh Rajesh
29	Sawle Sakshi Sudam
30	Shendre Nilam Sanjay

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Arni Road Kinhi Yavatmal

Course Outcomes:-

- Students understood the basic principles of IoT.

- Students understood operation and performance of IoT Applications

- This certificate course was helpful to students to increase awareness of IoT in market.

- This certificate course was helpful to students to develop awareness of different technology in market.

- This certificate course was very helpful to the students to understand the business opportunities.

Asst. Prof. R. V. Deshmukh

Event Coordinator

Asst. Prof. S. A. Murab

H.O.D., Computer Engg. Dept.

Principal

Jagadambha Collage of Engineering &

Technology Arni Road,Kinhi,Y........

Jagabambha College of Engineering and technology, Yavatmal
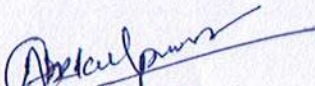
A Cerificate Course : IOT

Session: 2020-21

Department of Computer Engineering

Attendance

Roll. No.	Name of student	15/12/2020	16/12/2020	17/12/2020	18/12/2020	19/12/2020	20/12/2020
1	AMRUTE PRANAV SANJAY	p	p	p	p	p	p
2	BAGADE SAMIKSHA KALYAN	p	p	p	p	p	p
3	BELSARE VAISHNAVI SUNILRAO	p	p	p	p	p	p
4	BENDRE JAGRUTI JITENDRA	p	p	p	p	p	p
5	CHAUDHARI SURAJ NANDU	p	p	p	p	p	p
6	CHAUDHARI TEJAL ANILRAO	p	p		p	p	p
7	DADHE BHAGYASHRI ANIL	p	p	p	p	p	p
8	DHENGE VEDANT ANIL	p	p	p	p	p	p
9	DHOKE PREMKUMAR YOGESH	p	p	p	p	p	p
10	DHONGADE PRATIKSHA DEVIDAS	p	p	p	p	p	
11	GAWANDE PRATIKSHA GHANSHYAM	p	p	p	p	p	p
12	GAWANDE SAKSHI SANJAY	p	p	p	p	p	p
13	GULHANE SAKSHI SUDHAKAR	p		p	p	p	p
14	INGALKAR RADHIKA MORESHWAR		p	p	p	p	p
15	KADAM PAVAN ANANDRAO	p	p	p	p	p	p
16	KAIKADE GAURAV EKNATH	p	p	p		p	p
17	KALYANKAR PRATHMESH SURESHRAO	p	p	p	p	p	p
18	MIRZAPURE SAKSHI MAROTI		p	p	p	p	p
19	MOHARE RUPESH NEMICHAND	p		p	p	p	p

Dr. Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
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20	NANHE RITU NARAYAN	p	p	p	p		p
21	NERKAR PALLAVI HEMRAJ	p	p		p	p	p
22	NIMBALKAR SAKSHI NARAYAN	p	p	p	p	p	p
23	ONKAR NIKITA VIJAY	p	p	p	p	p	p
24	PADGILWAR ADITEE VIJAY		p	p	p	p	p
25	PALKAR KOMAL DIWAKAR	p	p	p		p	p
26	PANCHABUDDHEY HRUSHIKESH VINODRAO	p	p	p	p	p	p
27	SAHARE VIVEK KEWALRAM	p	p	p	p	p	p
28	SATPUTE JAYESH RAJESH	p	p	p	p	p	
29	SAWLE SAKSHI SUDAM	p	p	p	p	p	p
30	SHENDRE NILAM SANJAY	p	p		p	p	p

course Co-ordinator

HOD,CE.Dept

JAGADAMBHA
COLLEGE OF ENGINEERING & TECHNOLOGY , YAVATMAL
Approved by AICTE, Recognised by DTE & Affliated to S.G.B. Amravati University, Amravati

COURSE CERTIFICATE

This is to Certify that

Miss./ Mr. CHAITANYA MURLIDHAR CHATURKAR

has successfully completed 5 day's online workshop on **"Internet of Things (IOT) "**

for 2nd Year Students organized by Department of Computer Engineering,

Jagadambha College of Engineering & Technology, Yavatmal

on **21st Dec to 25th Dec 2020.**

Mr.Ashish Labade

Trainer

Prof. Sachin Murab

H.O.D. Comp. Dept.

Dr.Hemant Baradkar

Principal, JCOET, Yavatmal

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Arni Road,Kinhi,Yavatmal

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ABOUT INSTITUTE

Jagadambha Bahuuddeshiya Gramin Vikas Sanstha was formed in the year 2003 by the visionary Dr. Shittal A. Watile renouned educationalist with the lofty aim of providing quality professional education and meeting the rising expectations of the industry as well as the young students in region & around. Jagadambha College of Engineering & Technology, Yavatmal , was established by JBGVS on an expanse of 11 acres on Nagpur Tuljapur Highway just 5 Km. from Yavatmal bus stand. The Institute is located at quite calm and peaceful area an ideal site for teaching learning, with the approval of All India Council for Technical Education and Govt. of Maharashtra. The college started functioning from the academic year 2009-10, initially with four branches with a total intake of 240 students. The college is affiliated to Sant Gadge Baba Amravati, University. The present intake of the College is 360 students with five core branches of Engineering at B.E. Level. The Institute has started four M.E. Courses from 2013-14 like Mechanical CAD-CAM, Computer Science & Engineering, Structural Engineering & Electronics & Telecommunication Engineering with total intake 72, which makes the highest intake among all Engineering Colleges in Yavatmal City in a short span of time. Jagadambha College of Engineering & Technology, Yavatmal is marching to achieve the objective of excellence in the field of Engineering & Technology.

ABOUT DEPARTMENT

Computer Engineering is a discipline that always will be on the move with respect to current technological trends. Computer engineers usually have training in language learning, software design and hardware-software integration. Computer engineers are involve in many aspects of computing, from the design of individual microprocessors, personal computer and super computers, to circuit design. This field of engineering not only focuses on how computer system themselves work, but also how they integrate into the larger picture. Computer Engineering at Jagadambha college of Engineering & technology deals with the prospect of developing and nurturing the students' personal as well as professional development.

Course Objectives :

☒ To understand basic principles of IoT.

☒ To understand operation and performance of IoT Applications.

☒ To increase awareness of IoT in market.

☒ To develop awareness of Different technology.

☒ To understand the business opportunities.

Course Syllabus :

1. Introduction to IOT Understanding IoT fundamentals

2. IOT Architecture and protocols

3. Various Platforms for IoT

4. Real time Examples of IoT

5. Overview of IoT components and IoT Communication Technologies

6. Challenges in IOT

7. Arduino Simulation Environment Arduino Uno Architecture

8. Setup the IDE, Writing Arduino Software

9. Arduino Libraries

JAGADAMBHA
COLLEGE OF ENGINEERING & TECHNOLOGY , YAVATMAL

Department of Computer Engineering
Organises Online Certificate Course
on

"INTERNET OF THINGS"

FOR 2ND YEAR STUDENTS OF COMPUTER ENGG. STUDENTS

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Arni Road,Kinhi,Yavatmal

Date :
15/12/2020 to 20/12/2020
(06 Days)

INTERNET OF THINGS

Course Expert
Mr. Ashish Labhade
(Techvegan, Nagpur)

BRIEF OF COURSE

Department of Computer Engineering organized Online Certificate Course on Internet of Things & its Applications for students of Second Year Computer Engineering to inform them about the upcoming market scenarios that will be faced by Computer Engineers.

PATRONS

DR. SHITTAL A. WATILE
HON'BLE SECRETARY
JCOET, YAVATMAL

DR. H. M. BARADKAR
PRINCIPAL
JCOET, YAVATMAL

DR. V. G. NEVE
HOD & PROF.
ELECTRICAL ENGG. DEPT.
JCOET, YAVATMAL

MODE OF COURSE
ONLINE

TIME
11:00 AM TO 4:00 PM

APPLICATION OF COURSE CONDUCT
ZOOM APPLICATION

COURSE CO-ORDINATOR
MR. R. V. DESHMUKH
ASST. PROF.
COMP. ENGG. DEPT.
JCOET, YAVATMAL

Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal

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JAGADAMBHA
COLLEGE OF ENGINEERING & TECHNOLOGY , YAVATMAL

Mechanical Engineering Department
<u>A Certificate Course Report</u>

Online Certificate Course on
"CATIA Software"

Academic Year: 2020-21   **Course Code: 6ME02 (CSA)**

Department of Mechanical Engineering organized **Online Certificate Course on CATIA Software** for students from Third Year and Final Year Mechanical Engineering to inform the audience about the upcoming market scenarios that will be faced by Mechanical Engineers.

1. Title of Course	Online Certificate Course on "CATIA Software"
2. Name of Course Expert	Mr. Pravin V. Jadhav, F6 Design & Solution, Nagpur
3. Date of Course	05/04/2021 to 17/04/2021 (13 Days)
4. Name of Course Coordinator	Asst. Prof. B. K. Chavhan
5. Objective	To get the knowledge about CATIA Software.
6. Mode of Course conduction	Online Mode on Zoom Application.
7. No. of Beneficiary	47 students were attended this Certificate Course from Third Year & Final Year Mechanical Engineering
8. Hours per Day	03 Hours per Day (Total – 39 Hours)

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Dr. Hemant M. Baraukar
Principal
Jagadambha College of Engineering &
Technology Arni Road, Kinhi, Yavatmal

Objectives:-

- Perform various tasks concerning 3D Navigation and geometry selection.
- Create and Save various types of CATIA V5 documents.
- Differentiate and switch between a selections of workbenches.
- Perform various tasks concerning 3D Navigation and geometry selection.
- Create and constrain sketches.
- Describe the functional capabilities and general usage of Part Design.

Syllabus:-

1. To get the knowledge about CATIA Software.
2. How CATIA software can be applied to a wide variety of industries, from aerospace and defense, automotive and industrial equipment, to high tech, shipbuilding, process power and petroleum and services.
3. Sketcher module.
4. Solid modeling.
5. Surfacing
6. Assembly.
7. How to used Mechanical software as per application.
8. How to design any component by using software.
9. How to become a good design engineer.

Brief Report

In Jagadambha College of Engineering & Technology, Yavatmal, we have organized 02 weeks online certificate course for third year & final year students of Mechanical Engineering Department which were conducted by Mr. Pravin V. Jadhav.

The trainer Mr. Pravin V. Jadhav from F6 Design & Solution, Nagpur having good hands on various Mechanical software's with 9+ years experience in various fields. The training program of CATIA was conducted from 05 April 2021 to 17 April 2021. The total 47 number of students were participated from 3rd year & final year for this training program.

Mr. Pravin V. Jadhav discussed with the students by giving brief introduction of CATIA software. He said that CATIA can be applied to a wide variety of industries, from aerospace and defense,

automotive and industrial equipment, to high tech, shipbuilding, process power and petroleum and services.

The Topics covered in above Training session.

- Sketcher module.
- Solid modeling.
- Surfacing
- Assembly.

The session was ended by small question and answer session wherein doubts of few students were addressed by Trainer.

Overall, it was great experience to all students of this training session and enjoyed a lot by everyone.

The schedule for training program is given below,

Sr. No.	Date	Time	Software Course	Topic Covered
1.	05/04/2021	11.00 am to 11.30 am	CATIA	Inauguration Function.
		11.30 am to 02.00 pm		Introduction to CATIA Software. To get the knowledge about CATIA Software. Co –ordinate systems, Command Line How to use command line box System of grill, and it's example.
2.	06/04/2021	11.00 am to 02.00 pm	CATIA	Fundamental geometrical shape and guidelines, Various methods of drawing (circle, ellipse, arc, lines, polygon).
3.	07/04/2021	11.00 am to 02.00 pm	CATIA	Array & its types-radial, linear, path etc. Various commands like trimming, editing, fillets, chamfering.
4.	08/04/2021	11.00 am to 02.00 pm	CATIA	Mirroring & formatting Layer concept like switching on & off layer Addition or subtraction of layer. Various methods of tangent & exercise problem such as test on array chamfering & fillets
		11.00 am to 02.00 pm	CATIA	Sketches command : spline, Centre line, rectangle, arc, ellipse, circle, fillets, chamfer, offset, modify, mirror, divide, corner etc.
5.	09/04/2021	11.00 am to 02.00 pm	CATIA	Drawing of hooks' & gears & open ended spanner drawing (2D views), Balance sheet preparation & drawing of simple screw jack.

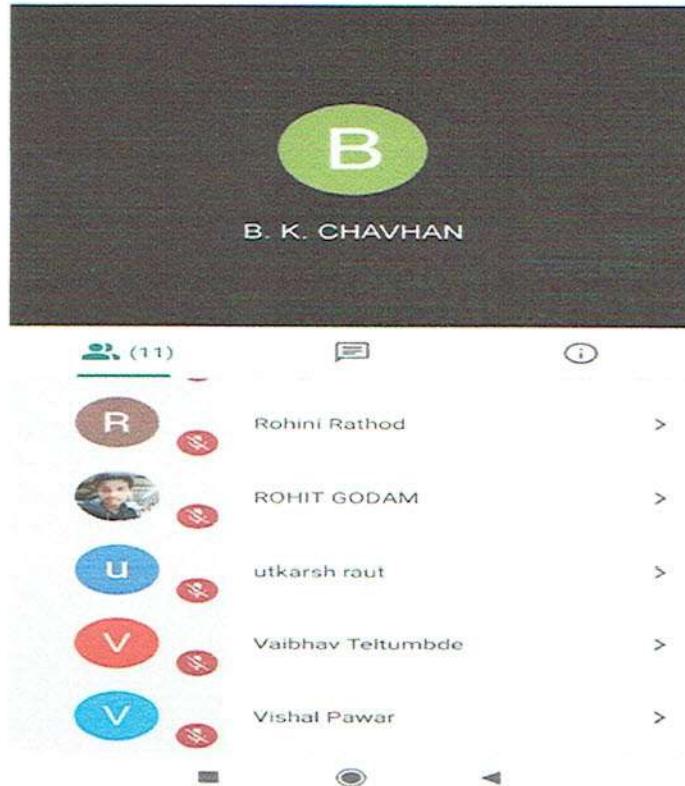| 6.	10/04/2021	11.00 am to 02.00 pm	CATIA	Orthographic projection & it's example CATIA Software accessories and it's example Conversion of CATIA Software file into Pdf file On these topics various examples are taken.
7.	12/04/2021	11.00 am to 02.00 pm	CATIA	Introduction to CATIA Software. Centre line Point Construction mode Co-ordinate system Commands like, line, rectangle, chain line, line tangent, circle etc.
8.	13/04/2021	11.00 am to 02.00 pm	CATIA	Sketching - Introduction and Commands. spline, Centre line, rectangle, arc, ellipse, circle, fillets, chamfer, offset, modify, mirror, divide, corner etc.
9.	14/04/2021	11.00 am to 02.00 pm	CATIA	Sketch Editing and application of Constraints. Blend, sweep, Swept blend, revolve, Example on blend, revolve.
10.	15/04/2021	11.00 am to 02.00 pm	CATIA	Assembly Top down approach Bottom up approach
11.	16/04/2021	11.00 am to 02.00 pm	CATIA	How CATIA software can be applied to a wide variety of industries, from aerospace and defense, automotive and industrial equipment, to high tech, shipbuilding, process power and petroleum and services.
12.	17/04/2021	11.00 am to 01.30 pm	CATIA	Pattern & dimension Direction pattern, axis pattern, filled pattern Dimension display, Pallet, Polygon Three sided triangle, four side, five sided pentagon Profile, I profile, L profile Shapes like stars, arc, cross
		01.30 pm to 02.00 pm		Valedictory Function.

Dr. Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal

B. K. CHAVHAN

👥 (11)   💬   ⓘ

		Rohini Rathod	>
		ROHIT GODAM	>
U		utkarsh raut	>
V		Vaibhav Teltumbde	>
V		Vishal Pawar	>

Screenshot 1: Experts with Event Coordinator during the session

AM	Akash Mane	🎥 🎤	>
AQ	Avaisuddin Quazi	🎥 🎤	>
A	Ayush Manwatkar	🎥 🎤	>
DR	Dhiraj Rajurkar	🎥 🎤	>
GA	Ganesh Agale	🎥 🎤	>
HM	Harshal Mehare	🎥 🎤	>
KS	Kunal Sardar	🎥 🎤	>
MB	Majid bhati	🎥 🎤	>
	Pranay Satpute	🎥 🎤	>
R	Rushi	🎥 🎤	>
AK	Aasim Khan	🎥	>
A	Akash	🎥	>
R	Rahul Pandare	🎥	>

😊 2

Invite   Mute All   ⋯

Screenshot 2: The students during the session

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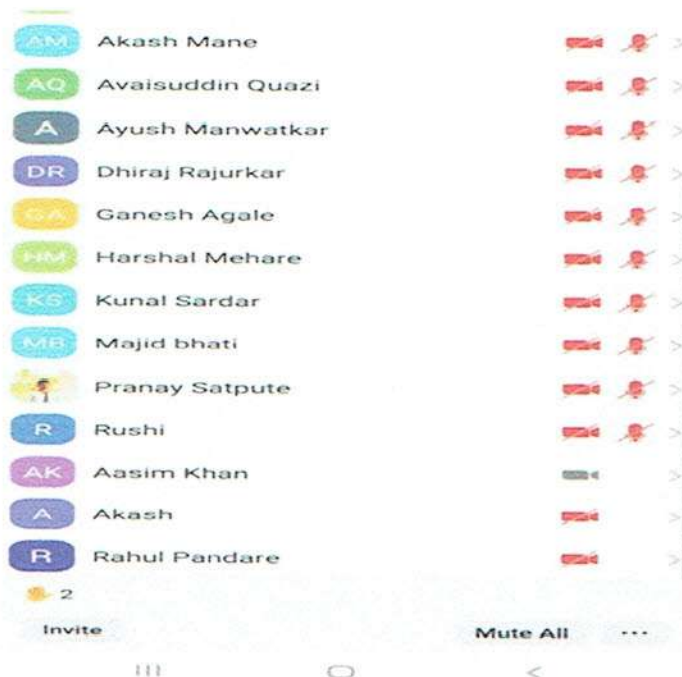
List of registered and participated students is as under,

Sr. No.	Name of Students	Year
1.	Payal Shyam Chavhan	Third Year
2.	Priya Pradip Gatalewar	Third Year
3.	Punam Nandkishir Punewar	Third Year
4.	Payal S. Katkule	Third Year
5.	Sonal K. Patil	Third Year
6.	Swati Arun Ingole	Third Year
7.	Vaishnavi R. Badere	Third Year
8.	Kajol B. Yadav	Third Year
9.	Aniket Sanjay Misar	Third Year
10.	Mohit G. Mamidwar	Third Year
11.	Rupam Dilip Kachare	Third Year
12.	Sachin Kailas Sonone	Third Year
13.	Shivam Arun Sakharkar	Third Year
14.	Mangesh G. Raikwar	Third Year
15.	Akshay Gangadharrao Diwate	Third Year
16.	Shubham R. Sorte	Third Year
17.	Deepak Pralhad Jadhav	Third Year
18.	Pranav Chaudhari	Third Year
19.	Sagar A. Pawar	Third Year
20.	Tushar Narendra Pilley	Third Year
21.	Chagan Vishnu Meshram	Final Year
22.	Datta Balaji Chole	Final Year
23.	Dhiraj S. Rajurkar	Final Year
24.	Ganesh Mahadeo Agale	Final Year
25.	Gokul V. Arade	Final Year
26.	Gulhane Rushikesh Shyamsunder	Final Year
27.	Harshal Narayanrao Mehare	Final Year
28.	Karan Chodhari	Final Year
29.	Ku. Harshada N. Ambalkar	Final Year
30.	Kunal D. Gawande	Final Year
31.	Kunal Mukund Jethe	Final Year
32.	Kunal Satish Sardar	Final Year
33.	Majidali Ansarali Bhati	Final Year
34.	Pavan Vishnu Patwekar	Final Year
35.	Pranay Vijay Satpute	Final Year
36.	Rajesh Waman Gandatwar	Final Year
37.	Ritesh Chandrabhan Borchate	Final Year
38.	Rupesh P. Sawale	Final Year
39.	Rushikesh Arvind Patte	Final Year

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40.	Sachin Ashok Mandawkar	Final Year
41.	Sachin D. Shamsundar	Final Year
42.	Sagar K. Wani	Final Year
43.	Sagar V. Kathe	Final Year
44.	Saiprasad N. Jadhao	Final Year
45.	Vinit Rajesh Shriwas	Final Year
46.	Vivek Jivan Borade	Final Year
47.	Yash Vilas Mirase	Final Year

Course Outcomes:

- Students got the knowledge of how to handle the Mechanical software as per application.
- They learned to design any component by using software.
- They understood that how become a good design engineer.
- The students learned about what to learn at present to get better opportunities in future.

Asst. Prof. B. K. Chavhan
Event Co-ordinator

Dr. V. L. Bhambere
H.O.D., Mech. Engg. Dept.

Principal
Jagadambha Collage of Engineerng &
Technology Arni Road,Kinhi,Yavatmal

Jagadambha College of Engineering & Technology, Yavatmal
Mechanical Engineering Department
Session : 2020-21
Online Certificate Course on "CATIA Software for Third & Final Year"
Attendance (Third & Final Year)

Sr. No.	Name of Students	05/04/2021	06/04/2021	07/04/2021	08/04/2021	09/04/2021	10/04/2021	12/04/2021	13/04/2021	14/04/2021	15/04/2021	16/04/2021	17/04/2021
1	Payal Shyam Chavhan	P	P	P	P	P	P	P	P	P	P	P	P
2	Priya Pradip Gatalewar	P	P	P	P	P	P	P	P	P	P	P	P
3	Punam Nandkishir Punewar	P	A	P	P	P	P	P	P	P	P	P	P
4	Payal S. Katkule	P	P	P	P	P	P	P	P	P	P	P	P
5	Sonal K. Patil	P	P	P	P	P	P	P	P	P	P	P	P
6	Swati Arun Ingole	P	P	P	P	P	A	P	P	P	P	P	P
7	Vaishnavi R. Badere	P	P	P	P	P	P	P	P	P	P	P	P
8	Kajol B. Yadav	P	P	P	P	P	P	P	P	P	P	P	P
9	Aniket Sanjay Misar	P	P	P	P	P	P	P	P	P	P	P	P
10	Mohit G. Mamidwar	P	P	P	P	P	P	P	P	P	P	P	P
11	Rupam Dilip Kachare	P	P	P	P	P	P	P	P	P	P	P	P
12	Sachin Kailas Sonone	P	P	P	P	P	P	P	P	P	P	P	P
13	Shivam Arun Sakharkar	P	P	P	P	P	P	P	P	P	P	A	P
14	Mangesh G. Raikwar	P	P	P	P	P	P	P	P	P	P	P	P

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Jagadambha College of Engineering &
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Sr. No.	Name of Students	05/04/2021	06/04/2021	07/04/2021	08/04/2021	09/04/2021	10/04/2021	12/04/2021	13/04/2021	14/04/2021	15/04/2021	16/04/2021	17/04/2021
15	Akshay Gangadharrao Diwate	P	P	P	P	P	P	P	P	P	P	P	P
16	Shubham R. Sorte	P	P	P	P	P	P	P	P	P	P	P	P
17	Deepak Pralhad Jadhav	P	P	P	P	P	P	P	P	P	P	P	A
18	Pranav Chaudhari	P	P	P	P	P	P	P	P	P	P	P	P
19	Sagar A. Pawar	P	P	P	P	P	P	P	P	P	P	P	P
20	Tushar Narendra Pilley	P	P	P	P	P	P	P	P	A	P	P	P
21	Chagan Vishnu Meshram	P	P	P	P	P	P	P	P	P	P	P	P
22	Datta Balaji Chole	P	P	P	P	P	P	P	P	P	P	P	P
23	Dhiraj S. Rajurkar	P	P	P	P	P	P	P	P	P	P	P	P
24	Ganesh Mahadeo Agale	P	P	P	P	P	P	P	P	P	P	P	P
25	Gokul V. Arade	P	P	P	P	P	P	P	P	P	P	P	P
26	Gulhane Rushikesh Shyamsunder	P	P	P	P	P	P	P	P	P	P	P	P
27	Harshal Narayanrao Mehare	P	P	P	P	P	P	P	P	P	P	P	P
28	Karan Chodhari	P	P	P	P	P	P	P	P	P	P	P	P
29	Ku. Harshada N. Ambalkar	P	P	P	P	P	P	P	A	P	P	P	P
30	Kunal D. Gawande	P	P	P	P	P	P	P	P	P	P	P	P
31	Kunal Mukund Jethe	P	P	P	P	P	P	P	P	P	P	P	P
32	Kunal Satish Sardar	P	P	P	P	P	P	P	P	P	P	P	P

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Jagadambha College of Engineering &
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Sr. No.	Name of Students	05/04/2021	06/04/2021	07/04/2021	08/04/2021	09/04/2021	10/04/2021	12/04/2021	13/04/2021	14/04/2021	15/04/2021	16/04/2021	17/04/2021
33	Majidali Ansarali Bhati	P	P	P	P	P	P	P	P	P	P	P	P
34	Pavan Vishnu Patwekar	P	P	P	A	P	P	P	P	P	P	P	P
35	Pranay Vijay Satpute	P	P	P	P	P	P	P	A	P	P	P	P
36	Rajesh Waman Gandatwar	P	P	P	P	P	P	P	P	P	P	P	P
37	Ritesh Chandrabhan Borchate	A	P	P	P	P	P	P	P	P	P	P	P
38	Rupesh P. Sawale	P	P	P	P	P	P	P	P	P	P	P	P
39	Rushikesh Arvind Patte	P	P	P	P	P	P	P	P	P	P	P	P
40	Sachin Ashok Mandawkar	P	P	P	P	P	P	P	P	P	P	P	P
41	Sachin D. Shamsundar	P	P	P	P	P	P	P	P	P	P	P	P
42	Sagar K. Wani	P	P	P	P	P	A	P	P	P	P	P	P
43	Sagar V. Kathe	P	P	P	P	P	P	P	P	P	P	P	P
44	Saiprasad N. Jadhao	P	P	P	P	P	P	P	P	P	P	P	P
45	Vinit Rajesh Shriwas	P	P	A	P	P	P	P	P	P	P	P	P
46	Vivek Jivan Borade	P	P	P	P	P	P	P	P	P	P	P	P
47	Yash Vilas Mirase	P	P	P	P	P	P	P	P	P	P	P	P

Prof. B. K. Chavhan
Course Co-ordinator
Mech. Engg. Dept.

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2009

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Arni Road,Kinhi,Yavatmal

Dr. V. L. Bhambere
H.O.D.
Dr. V.L. Bhambere
Mech. Engg. Dept.
H.O.D.[Mech]Jcoet,Ytl

ABOUT INSTITUTE

Jagadambha Bahuuddeshiya Gramin Vikas Sanstha was formed in the year 2003 by the visionary Dr. Shittal A. Watile renouned educationalist with the lofty aim of providing quality professional education and meeting the rising expectations of the industry as well as the young students in region & around. Jagadambha College of Engineering & Technology, Yavatmal , was established by JBGVS on an expanse of 11 acres on Nagpur Tuljapur Highway just 5 Km. from Yavatmal bus stand. The Institute is located at quite calm and peaceful area an ideal site for teaching learning, with the approval of All India Council for Technical Education and Govt. of Maharashtra. The college started functioning from the academic year 2009-10, initially with four branches with a total intake of 240 students. The college is affiliated to Sant Gadge Baba Amravati, University. The present intake of the College is 360 students with five core branches of Engineering at B.E. Level. The Institute has started four M.E. Courses from 2013-14 like Mechanical CAD-CAM, Computer Science & Engineering, Structural Engineering & Electronics & Telecommunication Engineering with total intake 72, which makes the highest intake among all Engineering Colleges in Yavatmal City in a short span of time.

COURSE OBJECTIVES-

- Perform various tasks concerning 3D Navigation and geometry selection.
- Create and Save various types of CATIA V5 documents.
- Differentiate and switch between a selection of workbenches.
- Perform various tasks concerning 3D Navigation and geometry selection.
- Create and constrain sketches.
- Descibe the functinal capabilities and general usage of Part Design.

Mechanical Engineering Department
organizes
online Certificate Course
on

"CATIA"

Software
For
Third & Final Year students of
Mechanical Engineering

Date-
05/04/2021
to
17/04/2021

COURSE SYLLABUS-

1. To get the knowledge about CATIA Software.
2. How CATIA software can be applied to a wide variety of industries, from aerospace and defense, automotive and industrial equipment, to high tech, shipbuilding, process power and petroleum and services.
3. Sketcher module.
4. Solid modeling.
5. Surfacing
6. Assembly.
7. How to used Mechanical software as per application.
8. How to design any component by using software.
9. How to become a good design engineer.

Mr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering
Technology, Yavatmal

JAGADAMBHA
COLLEGE OF ENGINEERING & TECHNOLOGY , YAVATMAL

ABOUT DEPARTMENT

The Department of Mechanical Engineering was established in 2009 and is affiliated to Sant Gadage Baba Amravati University. Intake of the department is of 60 students for UG & 18 Students for PG Course.Mechanical engineering is the evergreen field of engineering. There is a wide scope for mechanical engineering worldwide.

COURSE EXPERT

MR. PRAVIN JADHAV
F6 DESIGNS & TRAINING SOLUTION, NAGPUR

PATRONS

DR. SHITTAL A. WATILE
HON'BLE SECRETARY
JCOET, YAVATMAL

DR. H. M. BARADKAR
PRINCIPAL
JCOET, YAVATMAL

DR. V. L. BHAMBERE
HOD & PROF.
MECHANICAL ENGG. DEPT.
JCOET, YAVATMAL

COURSE CO-ORDINATOR

PROF. B. K. CHAVHAN
ASST. PROF.
ELECTRICAL ENGG. DEPT.
JCOET, YAVATMAL

BRIEF OF COURSE

Department of Mechanical Engineering organized Online Certificate Course on CATIA Software for Third Year and Final Year students to inform the audience about the upcoming market scenarios that will be faced by mechanical engineers.

MODE OF COURSE- ONLINE ON ZOOM

TIME - 11:00 AM TO 2:00 PM

COURSE DURATION -
03 Hours per Day
(Total – 36 Hours)

Hemant M. Baradka,
Principal
College of Engineering &
Ani Road, Kinhi, Yavatmal

DESIGN & TRAINING
SOLUTION
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JAGADAMBHA
COLLEGE OF ENGINEERING & TECHNOLOGY, YAVATMAL

IN COLLABORATION WITH

CERTIFICATE OF COURSE COMPLETION

This certificate is proudly presented to
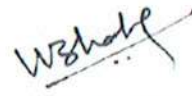
Rupam Dilip Kachare

On Successful Completion of Online Certificate Course on CATIA Software Organized by Mechanical Engineering Department, Jagadambha College of Engg. & Tech., Yavatmal in collaboration with F6 Design & Solution, Nagpur. The Course was Conducted During 05/04/2021 to 17/04/2021 for 36 hrs Duration.

Mr. Pravin V. Jadhav	**Prof. B. K. Chavhan**	**Dr. V. L. Bhambere**	**Dr. H. M. Baradkar**	**Dr. Hemant M. Baradkar**
Managing Director	Co-ordinator	H.O.D.	Principal	Principal
F6 Design & training solution, Nagpur	Mech.Engg. Dept.	Mech. Engg.Dept.	J.C.O.E.T, Yavatmal	Jagadambha College of Engineering & Technology, Arni Road, Kinhi, Yavatmal

ESTD
2009

JAGADAMBHA BAHUUDDESHIYA GRAMIN VIKAS SANSTH'S

JAGADAMBHA

COLLEGE OF ENGINEERING & TECHNOLOGY , YAVATMAL

Approved by A.I.C.T.E. & Government of Maharashtra, Affiliated to S.G.B. Amravati University, Amravati

COLLEGE
CODE
EN- 1127

Mechanical Engineering Department
A Certificate Course Report

Online Certificate Course on
"Pro-E Software for Final Year"

Academic Year: 2020-21   **Course Code: 6ME02 (CSA)**

Department of Mechanical Engineering organized **Online Certificate Course on Pro-E Software** for Final Year students to inform the audience about the upcoming market scenarios that will be faced by mechanical engineers.

1.Title of Activity	Online Certificate Course on"Pro-E Software"
2.Expert	Mr. Pravin V. Jadhav
3. Date of Activity	08/02/2021 to 20/02/2021
4. Name of Event Coordinator	Prof. B. K. Chavhan
5. Objective	To get the knowledge aboutPro-E Software.
6. Event Mode	Online Mode on Zoom Application
7. No. of Beneficiary	27 students were attended this Certificate Course from Final Year Mechanical Engineering
8. Hours per Day	03 Hours per Day (Total – 36 Hours)

ESTD
2009

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Arni Road,Kinhi,Yavatmal

Objectives:-

- Introducing Pro-E and its capabilities.
- Creating simple objects.
- Mastering feature creation.
- Modeling utilities.
- Creating Engineering Drawings.
- Understand the concept and techniques to draw.
- Create multiple designs using several of tools.
- Create layers to control the objects' visibility.
- To use constraint for certain design.

Syllabus:-

1. Introduction toPro-E Software.Co-ordinate systems.

2. Introduction to Modeling- Pro-E software.PTC CREO parametric 3.0 Centre line Point Construction mode Co-ordinate system Commands like, line, rectangle, chain line, line tangent, circle etc.

3. Command Line -How to use command line box System of grill, and its ex.

4. Sketching - Introduction and Commands. Fundamental geometrical shape and guidelines, Sketch Editing and application of Constraints.

5. Various methods of drawing (circle, ellipse, arc, lines, polygon), Sketches command: spline, Centre line, rectangle, arc, ellipse, circle, fillets, chamfer, offset, modify, mirror, divide, corner etc.

6. Array & its types-radial, linear, path etc. Blend, sweep, Swept blend, revolve, Various commands like trimming, editing, fillets, chamfering. Example on blend, revolve.

7. Balance sheet preparation & drawing of simple screw jack.

8. Pattern & dimension. Direction pattern, axis pattern, filled pattern. Various methods of tangent& exercise problem such as test on array chamfering & fillets

8. Assembly- Top down approach, Bottom up approach, drawing of hooks' &gears & open ended spanner drawing (2D views),Example on assembly.

9. Mirroring & formatting

10. Layer concept like switching on & off layer, Addition or subtraction of layer, Test on model, Orthographic projection & it's ex.

11. Pro-E accessories and its example, Draft, shell, rib, trajectory rib, Surface editing tools such as trim. Merge, extend etc.

12. Conversion of Pro-E files into PDF file.

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Arni Road,Kinhi,Yavatmal

Brief Report

Jagadambha College of Engineering and Technology, Yavatmal organized 02 weeks certificate course for final year students of Mechanical Engineering, which were conducted by F6 Design & Solution, Nagpur.

The trainer Mr. Pravin V. Jadhav and his team from F6 Design & Solution, Nagpur having good hands on various Mechanical software's with a vast experience in educational industry. He had been completed various courses for the students of Mechanical engineering department.

The course of Pro-Esoftware was conducted from 08February 2021 to 20February 2021, for the period of 02 weeks (03 hours per day).The total 27 number of students actively attended this certificate course from final year.

The session was ended by small question and answer session wherein doubts of few students were addressed by Trainer.

The Topics covered in above Training session are as under,

Sr.No.	Date	Time	Software Course	Topic Covered
1.	08/02/2021	11.00 am to 11.30 am	Pro-E	Inauguration Function.
		11.30 am to 02.00 pm		Co –ordinate systems, Command Line How to use command line box System of grill, and it's example.
2.	09/02/2021	11.00 am to 02.00 pm	Pro-E	Fundamental geometrical shape and guidelines, Various methods of drawing (circle, ellipse, arc, lines, polygon).
3.	10/02/2021	11.00 am to 02.00 pm	Pro-E	Array & its types-radial, linear, path etc. Various commands like trimming, editing, fillets, chamfering.
4.	11/02/2021	11.00 am to 12.30 pm	Pro-E	Mirroring & formatting Layer concept like switching on & off layer Addition or subtraction of layer. Various methods of tangent & exercise problem such as test on array chamfering & fillets
		12.30 pm to 02.00 pm	Pro-E	Sketches command : spline, Centre line, rectangle, arc, ellipse, circle, fillets, chamfer, offset, modify, mirror, divide, corner etc.

Dr.Hemant M, Baradkar
Principal
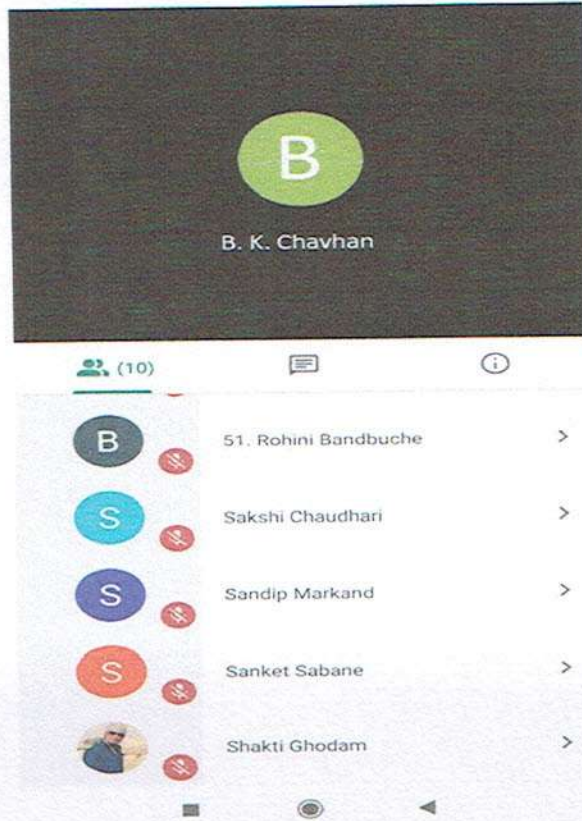Jagadambha College of Engineering &
Technology,Arni Road,Kinhi Yavatmal

5.	12/02/2021	11.00 am to 02.00 pm	Pro-E	Drawing of hooks' & gears & open ended spanner drawing (2D views), Balance sheet preparation & drawing of simple screw jack.
6.	13/02/2021	11.00 am to 02.00 pm	Pro-E	Orthographic projection & it's example AutoCAD accessories and it's example Conversion of AutoCAD file into Pdf file On these topics various examples are taken.
7.	15/02/2021	11.00 am to 02.00 pm	Pro-E	Introduction to Modelling, Pro-E software. PTC CREO parametric 3.0 Centre line Point Construction mode Co-ordinate system Commands like, line, rectangle, chain line, line tangent, circle etc.
8.	16/02/2021	11.00 am to 02.00 pm	Pro-E	Sketching - Introduction and Commands. spline, Centre line, rectangle, arc, ellipse, circle, fillets, chamfer, offset, modify, mirror, divide, corner etc.
9.	17/02/2021	11.00 am to 02.00 pm	Pro-E	Sketch Editing and application of Constraints. Blend, sweep, Swept blend, revolve, Example on blend, revolve.
10.	18/02/2021	11.00 am to 02.00 pm	Pro-E	Assembly Top down approach Bottom up approach
11.	19/02/2021	11.00 am to 02.00 pm	Pro-E	Example on assembly, Test on Model.
12.	20/02/2021	11.00 am to 01.30 pm	Pro-E	Pattern & dimension Direction pattern, axis pattern, filled pattern Dimension display, Pallet, Polygon Three sided triangle, four side, five sided pentagon Profile, I profile, L profile Shapes like stars, arc, cross
		1.30 pm to 02.00 pm		Valedictory Function.

Dr. Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology, Arni Road, Kinhi, Yavatma'

Screenshot 1: Experts with Event Coordinator during the session
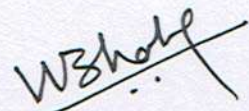

Screenshot 2: The students during the session

Dr. Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal

List of registered and participated students is as under,

Sr. No.	Name of Students	Year
1.	HARSHAL NARAYANRAO MEHARE	Final Year
2.	KARAN CHODHARI	Final Year
3.	KU. HARSHADA N. AMBALKAR	Final Year
4.	KUNAL D. GAWANDE	Final Year
5.	KUNAL MUKUND JETHE	Final Year
6.	KUNAL SATISH SARDAR	Final Year
7.	MAJIDALI ANSARALI BHATI	Final Year
8.	PAVAN VISHNU PATWEKAR	Final Year
9.	PRANAY VIJAY SATPUTE	Final Year
10.	QUAZI AVAISUDDIN FASIHUDDIN	Final Year
11.	RAHUL G. PANDARE	Final Year
12.	RAJESH WAMAN GANDATWAR	Final Year
13.	RITESH CHANDRABHAN BORCHATE	Final Year
14.	RUPESH P. SAWALE	Final Year
15.	RUSHIKESH ARVIND PATTE	Final Year
16.	SACHIN D. SHAMSUNDAR	Final Year
17.	SAGAR K. WANI	Final Year
18.	SAGAR V. KATHE	Final Year
19.	SAIPRASAD N. JADHAO	Final Year
20.	SANKET RAJU BHOYAR	Final Year
21.	SHAIKH MOHD FAIZAN	Final Year
22.	SHEIKH AJIS NOOR	Final Year
23.	SHEIKH ARIF SHEIKH VALI	Final Year
24.	SHRIPAD ATRAM MUSALE	Final Year
25.	VINIT RAJESH SHRIWAS	Final Year
26.	VIVEK JIVAN BORADE	Final Year
27.	YASH VILAS MIRASE	Final Year

Prof. B. K. Chavhan
Co-ordinator
Mech. Engg. Dept.

Dr. V. L. Bhambere
H.O.D
Mech. Engg. Dept.
Dr.V.L.Bhambere
H.O.D.[Mech]Jcoet,Ytl

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Arni Road,Kinhi,Yavatmal

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Jagadambha College of Engineering & Technology, Yavatmal
Mechanical Engineering Department
Session : 2020-21
Online Certificate Course on "Pro-E Software for Final Year"
Attendance (Final Year)

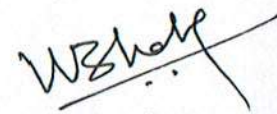| Sr. No.	Name of Students	08/02/2021	09/02/2021	10/02/2021	11/02/2021	12/02/2021	13/02/2021	15/02/2021	16/02/2021	17/02/2021	18/02/2021	19/02/2021	20/02/2021
1	HARSHAL NARAYANRAO MEHARE	P	P	P	P	P	P	P	P	P	P	P	P
2	KARAN CHODHARI	P	P	P	P	P	P	P	P	P	P	P	P
3	KU. HARSHADA N. AMBALKAR	P	P	P	P	P	P	P	P	P	P	A	P
4	KUNAL D. GAWANDE	P	P	P	P	P	P	P	P	P	P	P	P
5	KUNAL MUKUND JETHE	P	P	P	P	P	A	P	P	P	P	P	P
6	KUNAL SATISH SARDAR	P	P .	P	P	P	P .	P	P	P	P .	P	P
7	MAJIDALI ANSARALI BHATI	P	P	P	P	P	P	P	P	P	P	P	P
8	PAVAN VISHNU PATWEKAR	P	P	P	P	P	P	P	P	P	P	P	P
9	PRANAY VIJAY SATPUTE	P	P	P	P	P	P	P	P	P	P	P	P
10	QUAZI AVAISUDDIN FASIHUDDIN	P	P	P	P	P	P	P	P	P	P	P	P
11	RAHUL G. PANDARE	P	P	P	P	P	P	P	P	P	P	P	P
12	RAJESH WAMAN GANDATWAR	P	P	P	P	P	P	P	P	P	P	P	P
13	RITESH CHANDRABHAN BORCHATE	P	P	P	P	P	P	P	P	P	P	P	P
14	RUPESH P. SAWALE	P	P	P	P	P	P	P	P	A	P	P	P

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology, Arni Road, Kinhi Y...

Sr. No.	Name of Students	08/02/2021	09/02/2021	10/02/2021	11/02/2021	12/02/2021	13/02/2021	15/02/2021	16/02/2021	17/02/2021	18/02/2021	19/02/2021	20/02/2021
15	RUSHIKESH ARVIND PATTE	P	P	P	P	P	P	P	P	P	P	P	P
16	SACHIN D. SHAMSUNDAR	P	P	A	P	P	P	P	P	P	P	P	P
17	SAGAR K. WANI	P	P	P	P	P	P	P	P	P	P	P	P
18	SAGAR V. KATHE	P	P	P	P	P	P	P	P	P	P	P	P
19	SAIPRASAD N. JADHAO	P	P	P	P	P	A	P	P	P	P	P	P
20	SANKET RAJU BHOYAR	P	P	P	P	P	P	P	P	P	P	P	P
21	SHAIKH MOHD FAIZAN	P	P	P	P	P	P	P	P	P	P	P	P
22	SHEIKH AJIS NOOR	P	P	P	P	P	P	P	P	P	P	P	P
23	SHEIKH ARIF SHEIKH VALI	P	P	P	P	P	P	P	P	P	P	P	P
24	SHRIPAD ATRAM MUSALE	P	P	P	P	P	P	P	P	P	P	P	A
25	VINIT RAJESH SHRIWAS	P	P	P	P	P	P	P	P	P	P	P	P
26	VIVEK JIVAN BORADE	P	P	A	P	P	P	P	P	P	P	P	P
27	YASH VILAS MIRASE	P	P	P	P	P	P	P	P	P	P	P	P

Prof. B. K. Chavhan
Course Co-ordinator
Mech. Engg. Dept.

Dr. Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology, Arni Road, Kinhi, Yavatm

Dr. V. L. Bhambere
H.O.D.
Mech. Engg. Dept.
Dr. V. L. Bhambere
H.O.D.[Mech]Jcoet, YU

JAGADAMBHA
COLLEGE OF ENGINEERING & TECHNOLOGY , YAVATMAL

Mr. Pravin V. Jadhav
Managing Director (F6 Design & Solution, Nagpur)

Mr. Pravin V. Jadhav and his team from F6 Design & Solution, Nagpur having good hands on various Mechanical software's with a vast experience in educational industry.He had been completed various courses for the students of Mechanical engineering department.

Mechanical Engineering Department
organizes
online Certificate Course
on

PRO-E Software

For Final Year students of Mechanical Engineering

Key Objectvies

- Introducing Pro-E and its capabilities.
- Creating simple objects.
- Mastering feature creation.
- Modeling utilities.
- Creating Engineering Drawings.
- Understand the concept and techniques to draw.
- Create multiple designs using several of tools.
- Create layers to control the objects' visibility.
- To use constraint for certain design.

Brief of Course

Jagadambha College of Engineering and Technology, Yavatmal organized 02 weeks certificate course for Final year students of Mechanical Engineering, which were conducted by F6 Design & Solution, Nagpur. The course of Pro-e Software was conducted from 08 February 2021 to 20 February 2021, for the period of 02 weeks (03 hours per day).

Brief on Course Syllabus

1. Introduction to Pro-E Software. Co-ordinate systems.
2. Introduction to Modeling- Pro-E software. PTC CREO parametric 3.0 Centre line Point Construction mode Co-ordinate system Commands like, line, rectangle, chain line, line tangent, circle etc.
3. Command Line - How to use command line box System of grill, and its ex.
4. Sketching - Introduction and Commands. Fundamental geometrical shape and guidelines, Sketch Editing and application of Constraints.
5. Various methods of drawing (circle, ellipse, arc, lines, polygon), Sketches command: spline, Centre line, rectangle, arc, ellipse, circle, fillets, chamfer, offset, modify, mirror, divide, corner etc.
6. Array & its types-radial, linear, path etc. Blend, sweep, Swept blend, revolve, Various commands like trimming, editing, fillets, chamfering. Example on blend, revolve.
7. Balance sheet preparation & drawing of simple screw jack.
8. Pattern & dimension. Direction pattern, axis pattern, filled pattern. Various methods of tangent& exercise problem such as test on array chamfering & fillets
8. Assembly- Top down approach, Bottom up approach, drawing of hooks' &gears & open ended spanner drawing (2D views), Example on assembly.
9. Mirroring & formatting
10. Layer concept like switching on & off layer, Addition or subtraction of layer, Test on model, Orthographic projection & it's ex.
11. Pro-E accessories and its example, Draft, shell, rib, trajectory rib, Surface editing tools such as trim. Merge, extend etc.
12. Conversion of Pro-E files into PDF file.

Date & Time
For The Course

Duration

08 February 2021
to
20 February 2021

For the period of
02 weeks
(03 hours per day).

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Arni Road,Kinhi,Yavatmal

Patrons

Prof. B. K. Chavhan	**Dr. V. L. Bhambere**	**Dr. H. M. Baradkar**
Co-ordinator	H.O.D.	Principal
Mech.Engg. Dept.	Mech. Engg.Dept.	J.C.O.E.T, Yavatmal

CERTIFICATE OF COURSE COMPLETION

This certificate is proudly presented to

MAJIDALI ANSARALI BHATI

On Successful Completion of Online Certificate Course on

" Pro-E " Software

Organized by Mechanical Engineering Department,
Jagadambha College of Engg. & Tech., Yavatmal in collabration with
F6 Design & Solution, Nagpur. The Course was Conducted During
08/02/2021 to 20/02/2021 for 36 hrs Duration.

Mr. Pravin V. Jadhav	**Prof. B. K. Chavhan**	**Dr. V. L. Bhambere**	**Dr. H. M. Baradkar**
Managing Director	Co-ordinator	H.O.D.	Principal
F6 Design & training solution, Nagpur	Mech.Engg. Dept.	Mech. Engg.Dept.	J.C.O.E.T, Yavatmal

Dr.Hemant M. Baradkar
Principal
lagadambha College of Engineering &
~hnology,Arni Road Kinhi Yavat~

ESTD
2009

JAGADAMBHA BAHUUDDESHIYA GRAMIN VIKAS SANSTH'S

JAGADAMBHA
COLLEGE OF ENGINEERING & TECHNOLOGY , YAVATMAL
Approved by A.I.C T.E. & Government of Maharashtra, Affiliated to S.G.B. Amravati University, Amravati.

COLLEGE CODE EN- 1127

Mechanical Engineering Department
A Certificate Course Report

Online Certificate Course on
"Solid Modelling and AutoCAD"

Academic Year: 2020-21   **Course Code: 6ME02 (CSA)**

Department of Mechanical Engineering organized a live session on **Solid Modelling and AutoCAD** for students to inform the audience about the upcoming market scenarios that will be faced by mechanical engineers.

1.Title of Activity	A Certificate Course on "Solid Modelling and AutoCAD"
2. Expert	Mr. Pravin V. Jadhav
3. Date of Activity	14/09/2020 to 26/09/2020
4. Name of Event Coordinator	Prof. B. K. Chavhan
5. Objective	To get the knowledge about AutoCAD Software, Modelling.
6. Event Mode	Online Mode on Zoom Application
7. No. of Beneficiary	35 students were attended this Certificate Course from 3rd & Final Year Mechanical Engineering
8. Hours per Day	03 Hours per Day (Total – 36 Hours)

ESTD 2009

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Ami Road,Kinhi Yavatmal

Objectives:-

- Use AutoCAD for daily working process.
- Understand the concept and techniques to draw.
- Create multiple designs using several of tools.
- Create layers to control the objects' visibility.
- Explain drawing using annotations.
- To use constraint for certain design.

Syllabus:-

1. Introduction to AutoCAD.Co –ordinate systems

2. Introduction to Modeling- Pro-E software.PTC CREO parametric 3.0 Centre line Point Construction mode Co-ordinate system Commands like, line, rectangle, chain line, line tangent, circle etc.

3. Command Line -How to use command line box System of grill, and its ex.

4. Sketching - Introduction and Commands.Fundamental geometrical shape and guidelines, Sketch Editing and application of Constraints.

5. Various methods of drawing (circle, ellipse, arc, lines, polygon), Sketches command: spline, Centre line, rectangle, arc, ellipse, circle, fillets, chamfer, offset, modify, mirror, divide, corner etc.

6. Array & its types-radial, linear, path etc. Blend, sweep, Swept blend, revolve,Various commands like trimming, editing, fillets, chamfering. Example on blend, revolve.

7. Balance sheet preparation & drawing of simple screw jack.

8. Pattern & dimension. Direction pattern, axis pattern, filled pattern.Various methods of tangent& exercise problem such as test on array chamfering & fillets

8. Assembly- Top down approach, Bottom up approach, Drawing of hooks' &gears & open ended spanner drawing (2D views),Example on assembly.

9. Mirroring & formatting

10. Layer concept like switching on & off layer, Addition or subtraction of layer, Test on model, Orthographic projection & it's ex.

11. AutoCAD accessories and its example,Draft, shell, rib, trajectory rib ,Surface editing tools such as trim. Merge, extend etc.

12. Conversion of AutoCAD files into PDF file.

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Arni Road,Kinhi,Yavatmal

Brief Report

Jagadambha College of Engineering and Technology, Yavatmal organized 02 weeks certificate course for third year & final year students of Mechanical Engineering, which were conducted by F6 Design & Solution, Nagpur.

The trainer Mr. Pravin V. Jadhav and his team from F6 Design & Solution, Nagpur having good hands on various Mechanical software's with a vast experience in educational industry. He had been completed various courses for the students of Mechanical engineering department.

The course of Solid Modeling and AutoCAD was conducted from 14 September 2020 to 26 September 2020, for the period of 02 weeks (03 hours per day). The total 51 number of students actively attended this certificate course from third year& final year.

The session was ended by small question and answer session wherein doubts of few students were addressed by Trainer. Finally, CAD test of students which were conducted by trainer to check knowledge gain by students during the training program.

The Topics covered in above Training session are as under,

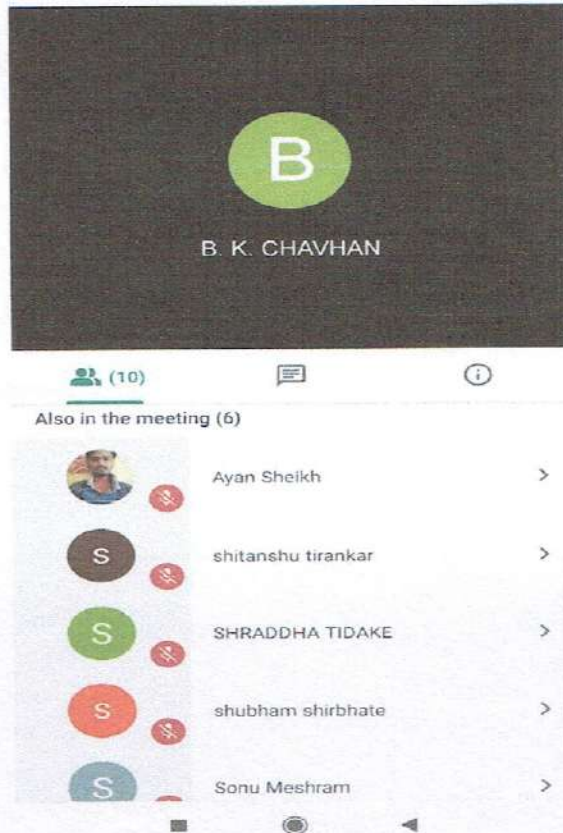| Sr.No.	Date	Time	Software Course	Topic Covered
1.	14/09/2020	01.00 pm to 01.30 pm	AutoCAD	Inauguration Function.
		01.30 pm to 04.00 pm		Introduction to AutoCAD. Co–ordinate systems, Command Line How to use command line box System of grill, and it's example.
2.	15/09/2020	01.00 pm to 04.00 pm	AutoCAD	Fundamental geometrical shape and guidelines, Various methods of drawing (circle, ellipse, arc, lines, polygon).
3.	16/09/2020	01.00 pm to 04.00 pm	AutoCAD	Array & its types-radial, linear, path etc. Various commands like trimming, editing, fillets, chamfering.
4.	17/09/2020	01.00 pm to 02.30 pm	AutoCAD	Mirroring & formatting Layer concept like switching on & off layer Addition or subtraction of layer. Various methods of tangent & exercise problem such as test on array chamfering & fillets
		02.30 pm to 04.00 pm	Pro-E	Sketches command : spline, Centre line, rectangle, arc, ellipse, circle, fillets, chamfer, offset, modify, mirror, divide, corner etc.

Dr. Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal

5.	18/09/2020	01.00 pm to 04.00 pm	AutoCAD	Drawing of hooks' & gears & open ended spanner drawing (2D views), Balance sheet preparation & drawing of simple screw jack.
6.	19/09/2020	01.00 pm to 04.00 pm	AutoCAD	Orthographic projection & it's example AutoCAD accessories and it's example Conversion of AutoCAD file into Pdf file On these topics various examples are taken.
7.	21/09/2020	01.00 pm to 04.00 pm	AutoCAD	Introduction to Modelling, Pro-E software. PTC CREO parametric 3.0 Centre line Point Construction mode Co-ordinate system Commands like, line, rectangle, chain line, line tangent, circle etc.
8.	22/09/2020	01.00 pm to 04.00 pm	Pro-E	Sketching - Introduction and Commands. spline, Centre line, rectangle, arc, ellipse, circle, fillets, chamfer, offset, modify, mirror, divide, corner etc.
9.	23/09/2020	01.00 pm to 04.00 pm	Pro-E	Sketch Editing and application of Constraints. Blend, sweep, Swept blend, revolve, Example on blend, revolve.
10.	24/09/2020	01.00 pm to 04.00 pm	Pro-E	Assembly Top down approach Bottom up approach
11.	25/09/2020	01.00 pm to 04.00 pm	Pro-E	Example on assembly, Test on Model.
12.	26/09/2020	01.00 pm to 03.30 pm	Pro-E	Pattern & dimension Direction pattern, axis pattern, filled pattern Dimension display, Pallet, Polygon Three sided triangle, four side, five sided pentagon Profile, I profile, L profile Shapes like stars, arc, cross
		03.30 pm to 04.00 pm		Valedictory Function.

Dr. Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology Arni Road Kinhi Yavat...

Screenshot 1: Experts with Event Coordinator during the session

Screenshot 2: The students during the session

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Arni Road,Kinhi Ya....

List of registered and participated students is as under,

Sr. No.	Name of Students	Year
1.	Aniket Sanjay Misar	Third Year
2.	Mohit G. Mamidwar	Third Year
3.	Rupam Dilip Kachare	Third Year
4.	Sachin Kailas Sonone	Third Year
5.	Shivam Arun Sakharkar	Third Year
6.	Mangesh G. Raikwar	Third Year
7.	Akshay Gangadharrao Diwate	Third Year
8.	Dipak B.Gawande	Third Year
9.	Hrushikesh P. Bahekar	Third Year
10.	Gopikishan B. Shendge	Third Year
11.	Shubham C. Darunkar	Third Year
12.	Shubham R. Sorte	Third Year
13.	Deepak Pralhad Jadhav	Third Year
14.	Pranav Chaudhari	Third Year
15.	Sagar A. Pawar	Third Year
16.	Tushar Narendra Pilley	Third Year
17.	Sagar Kamleshwar Dube	Third Year
18.	Tejas Anil Nagpure	Third Year
19.	Vedant Santosh Kashettiwar	Third Year
20.	Hrutik Ravindra Nawade	Third Year
21.	Payal Shyam Chavhan	Third Year
22.	Priya Pradip Gatalewar	Third Year
23.	Punam Nandkishir Punewar	Third Year
24.	Payal S. Katkule	Third Year
25.	Sonal K. Patil	Third Year
26.	Swati Arun Ingole	Third Year
27.	Vaishnavi R. Badere	Third Year
28.	Akash L. Mude	Final Year
29.	Akash Sahebrao Mane	Final Year
30.	Akash Shankar Chandekar	Final Year
31.	Akash Suresh Ayalpurkar	Final Year
32.	Asim Khan	Final Year
33.	Ayush Kailas Manwatkar	Final Year
34.	Chagan Vishnu Meshram	Final Year
35.	Datta Balaji Chole	Final Year

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Course Outcomes:

- Students learned to use AutoCAD for daily working process.
- Students understood the concept and techniques to draw.
- Students learned to create multiple designs using several of tools.
- Students learned to create layers to control the objects' visibility.
- Students learned to explain drawing using annotations.
- Students learned to use constraint for certain design.

Prof. B. K. Chavhan
Co-ordinator
Mech. Engg. Dept.

Dr. V. L. Bhambere
H.O.D
Mech. Engg. Dept.

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Jagadambha College of Engineering & Technology, Yavatmal
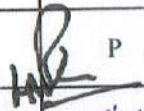## Mechanical Engineering Department
Session : 2020-21
Online Certificate Course on "Solid Modelling and Auto CAD for Third & Final Year"
Attendance (Third & Final Year)

Sr. No.	Name of Students	14/09/2020	15/09/2020	16/09/2020	17/09/2020	18/09/2020	19/09/2020	21/09/2020	22/09/2020	23/09/2020	24/09/2020	25/09/2020	26/09/2020
1	Aniket Sanjay Misar	P	P	P	P	P	P	P	P	P	P	P	P
2	Mohit G. Mamidwar	P	P	P	P	P	P	A	P	P	P	P	P
3	Rupam Dilip Kachare	P	P	P	P	P	P	P	P	P	P	P	P
4	Sachin Kailas Sonone	P	P	P	P	P	P	P	P	P	P	P	P
5	Shivam Arun Sakharkar	P	P	A	P	P	P	P	P	P	P	P	P
6	Mangesh G. Raikwar	P	P	P	P	P	P	P	P	P	P	P	P
7	Akshay Gangadharrao Diwate	P	P	P	P	P	P	P	P	P	P	P	P
8	Dipak B.Gawande	P	P	P	P	P	P	P	P	A	P	P	P
9	Hrushikesh P. Bahekar	P	P	P	P	P	P	P	P	P	P	P	P
10	Gopikishan B. Shendge	P	P	P	P	P	P	P	P	P	P	P	P
11	Shubham C. Darunkar	P	P	P	A	P	P	P	P	P	P	P	P
12	Shubham R. Sorte	P	P	P	P	P	P	P	P	P	P	P	P
13	Deepak Pralhad Jadhav	P	P	P	P	P	P	P	P	P	P	P	P

Dr. Hemant M. Kshirsagar
Principal
Jagadambha College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal

Sr. No.	Name of Students	14/09/2020	15/09/2020	16/09/2020	17/09/2020	18/09/2020	19/09/2020	21/09/2020	22/09/2020	23/09/2020	24/09/2020	25/09/2020	26/09/2020
14	Pranav Chaudhari	P	P	P	P	P	P	P	P	P	P	P	P
15	Sagar A. Pawar	P	P	P	P	P	P	P	P	P	P	P	P
16	Tushar Narendra Pilley	P	P	P	P	P	P	P	P	P	P	P	P
17	Sagar Kamleshwar Dube	P	A	P	P	P	P	P	P	P	P	P	P
18	Tejas Anil Nagpure	P	P	P	P	P	P	P	A	P	P	P	P
19	Vedant Santosh Kashettiwar	P	P	P	P	P	P	P	P	P	P	P	P
20	Hrutik Ravindra Nawade	P	P	P	P	P	P	P	P	P	P	P	P
21	Payal Shyam Chavhan	P	P	P	P	A	P	P	P	P	P	P	P
22	Priya Pradip Gatalewar	P	P	P	P	P	P	P	P	P	P	P	P
23	Punam Nandkishir Punewar	P	P	P	P	P	P	P	P	P	P	P	P
24	Payal S. Katkule	P	P	P	P	P	P	P	P	P	P	P	P
25	Sonal K. Patil	P	P	P	P	P	P	P	P	P	P	P	P
26	Swati Arun Ingole	P	P	P	P	P	P	P	P	P	P	P	P
27	Vaishnavi R. Badere	P	P	P	P	P	P	P	P	P	P	P	P
28	Akash L. Mude	P	P	P	P	P	P	P	P	P	A	P	P
29	Akash Sahebrao Mane	P	P	P	P	P	P	P	P	P	P	P	P
30	Akash Shankar Chandekar	P	P	P	P	P	P	P	P	P	P	P	P

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Principal
Jagadambha College of Engineering &
Technology, Ami Road Kinhi Yavatm..

Sr. No.	Name of Students	14/09/2020	15/09/2020	16/09/2020	17/09/2020	18/09/2020	19/09/2020	21/09/2020	22/09/2020	23/09/2020	24/09/2020	25/09/2020	26/09/2020
31	Akash Suresh Ayalpurkar	P	P	P	P	P	A	P	P	P	P	P	P
32	Asim Khan	P	P	P	P	P	P	P	P	P	P	P	P
33	Ayush Kailas Manwatkar	P	P	P	P	P	P	P	P	P	P	P	P
34	Chagan Vishnu Meshram	P	P	A	P	P	P	P	P	P	P	P	P
35	Datta Balaji Chole	P	P	P	P	P	P	P	P	P	P	P	P

Prof. B. K. Chavhan
Course Co-ordinator
Mech. Engg. Dept.

Dr. Hemant M. Baradkar
Principal
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Technology, Arni Road, Kinhi, Yavatmal

Dr. V. L. Bhambere
H.O.D.
Mech. Engg. Dept.

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JAGADAMBHA
COLLEGE OF ENGINEERING & TECHNOLOGY , YAVATMAL

Certificate of Course Completion

This certificate is proudly presented to

Akash Sahebrao Mane

On Successful Completion of Online Certificate Course on
" **Solid Modelling and AutoCAD** "
Organized by Mechanical Engineering Department,
Jagadambha College of Engg. & Tech., Yavatmal in collabration with
F6 Design & Solution, Nagpur. The Course was Conducted During
14/09/2020 to 26/09/2020 for 36 hrs Duration.

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Mr. Pravin V. Jadhav
Managing Director
F6 Design & training solution, Nagpur

Prof. B. K. Chavhan
Co-ordinator
Mech.Engg. Dept.

Dr. V. L. Bhambere
H.O.D.
Mech. Engg.Dept.

Dr. H. M. Baradkar
Principal
J.C.O.E.T, Yavatmal

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology Arni Road Kinhi Yavatm

JAGADAMBHA
COLLEGE OF ENGINEERING & TECHNOLOGY , YAVATMAL

Mr. Pravin Y. Jadhav
Managing Director (F6 Design & Solution, Nagpur)

Mr. Pravin V. Jadhav and his team from F6 Design & Solution, Nagpur having good hands on various Mechanical software's with a vast experience in educational industry.He had been completed various courses for the students of Mechanical engineering department.

Mechanical Engineering Department
organizes
online Certificate Course
on

"SOLID MODELLING AND AUTOCAD "

For 3rd & Final Year students of Mechanical Engineering

Key Objectvies

- Use AutoCAD for daily working process.
- Understand the concept and techniques to draw.
- Create multiple designs using several of tools.
- Create layers to control the objects' visibility.
- Explain drawing using annotations.
- To use constraint for certain design.

Brief of Course

Jagadambha College of Engineering and Technology, Yavatmal organized 02 weeks certificate course for 3rd &Final year students of Mechanical Engineering, which were conducted by F6 Design & Solution, Nagpur. The course of Solid modelling & AutoCAD was conducted from 14 September 2020 to 26 September 2020, for the period of 02 weeks (03 hours per day).

Brief on Course Syllabus

1. Introduction to AutoCAD. Co –ordinate systems
2. Introduction to Modeling- Pro-E software. PTC CREO parametric 3.0 Centre line Point Construction mode Co-ordinate system Commands like, line, rectangle, chain line, line tangent, circle etc.
3. Command Line - How to use command line box System of grill, and its ex.
4. Sketching - Introduction and Commands. Fundamental geometrical shape and guidelines, Sketch Editing and application of Constraints.
5. Various methods of drawing (circle, ellipse, arc, lines, polygon), Sketches command: spline, Centre line, rectangle, arc, ellipse, circle, fillets, chamfer, offset, modify, mirror, divide, corner etc.
6. Array & its types-radial, linear, path etc. Blend, sweep, Swept blend, revolve, Various commands like trimming, editing, fillets, chamfering. Example on blend, revolve.
7. Balance sheet preparation & drawing of simple screw jack.
8. Pattern & dimension. Direction pattern, axis pattern, filled pattern. Various methods of tangent& exercise problem such as test on array chamfering & fillets
8. Assembly- Top down approach, Bottom up approach, Drawing of hooks' &gears & open ended spanner drawing (2D views), Example on assembly.
9. Mirroring & formatting
10. Layer concept like switching on & off layer, Addition or subtraction of layer, Test on model, Orthographic projection & it sex.
11. AutoCAD accessories and its example, Draft, shell, rib, trajectory rib , Surface editing tools such as trim, Merge, extend etc.
12. Conversion of AutoCAD files into PDF file.

Date & Time
For The Course

Duration

14 September 2020
to
26 September 2020

For the period of
02 weeks
(03 hours per day).

Dr.Hemant M. Baradkar
Principal
College of Engineering &
Vishi Yavatmal

Patrons

Prof. B. K. Chavhan	Dr. V. L. Bhambere	Dr. H. M. Baradkar
Co-ordinator	H.O.D.	Principal
Mech.Engg. Dept.	Mech. Engg.Dept.	J.C.O.E.T, Yavatmal

JAGADAMBHA BAHUUDDESHIYA GRAMIN VIKAS SANSTH'S

JAGADAMBHA
COLLEGE OF ENGINEERING & TECHNOLOGY , YAVATMAL
Approved by A.I.C.T.E. & Government of Maharashtra, Affiliated to S.G.B. Amravati University, Amravati.

COLLEGE CODE EN- 1127

Electrical Engineering Department
A Certificate Course Report

Online Certificate Course on
"Opportunities and Challenges in Electric Vehicle"

By Skill Lync, Thiruvanmiyur, Chennai, Tamil Nadu

Academic Year: 2020-21   **Course Code: 4EE01_2020 (EM-I)**

Department of Electrical Engineering organized **Online Certificate Course on Opportunities and Challenges in Electric Vehicle** for students of Second, Third and Final Year Electrical Engineering to inform them about the upcoming market scenarios that will be faced by electrical engineers.

1. Event Date : 07/09/2020 to 16/09/2020 (10 Days)

2. Event Mode : Online Mode on Zoom Application

3. Name of Experts : Sanjeev Sundaram, K. Ramaswamy

3. Name of Event Coordinator : Prof. Dipak P. Charde

4. Expected Audience : Students

5. Number of Participants : 56 (Second Year – 15, Third Year – 23, Final Year - 18)

6. Hours per Day : 03 Hours per Day (30 Hours)

Objectives:-

- To understand basic principles of Electric Vehicles.
- To understand operation and performance of Electric Vehicles.
- To increase awareness of Electric Vehicles in market.
- To develop awareness of Electric Vehicle technology.
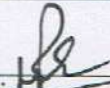- To understand the business opportunities.

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
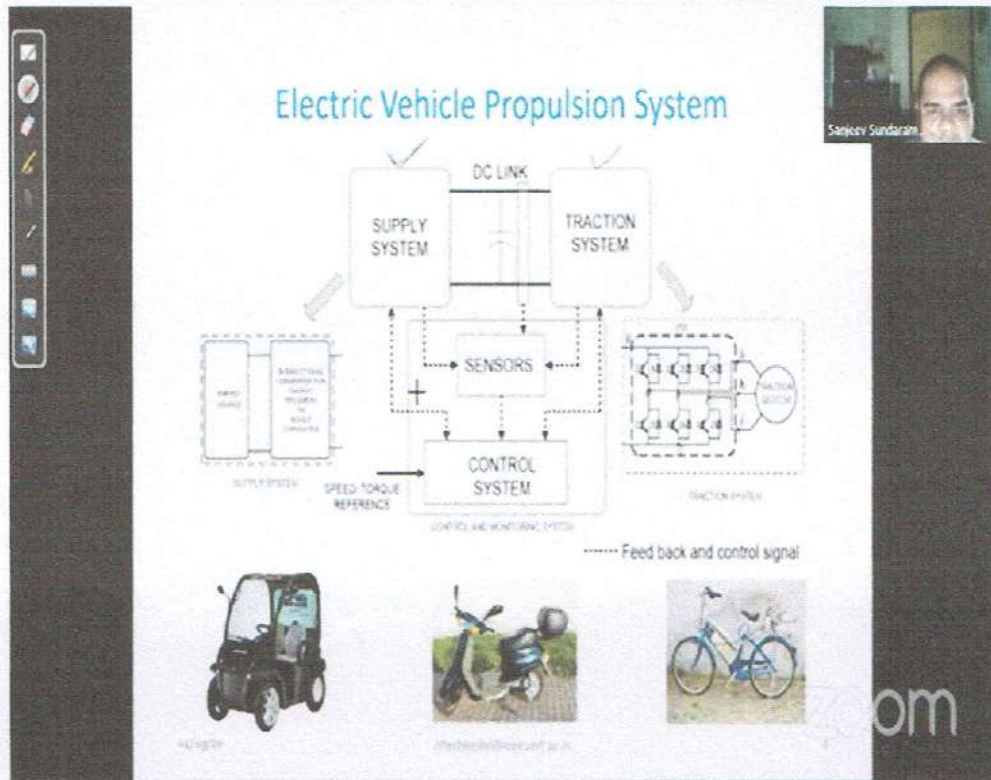Technology,Arni Road,Kinhi,Yavatmal

Syllabus:-

1. Introduction: History and components of Electric Vehicles (EV).
2. General Layout of EV.
3. EV Classification and comparison with Internal Combustion Engine, Advantages and Disadvantages of EV.
4. How Tesla Car works: Overview, operation and performance.
5. Hybrid Electric Vehicles (HEV): History, Components and General Layout of Hybrid Electric Vehicles, Comparison with Electric Vehicles.
6. How Toyota Prius works: Overview, operation and performance.
7. Vehicle Fundamentals: Vehicle Resistance Types, Vehicle Performance, Calculating the Acceleration Force, Maximum speed, Torque required on the Drive Wheel, clutch and gear box, Braking performance.
8. Motors used in EV: Overview of DC Motor, BLDC Motor, Induction Motor, Comparison of All Motors.
9. Overview of Converters, Driver circuits.
10. Indian and Global Scenarios, Policies in India.

The schedule:-

Date	Time	Syllabus covered
Day 1: 07/09/2020	02.00 pm to 02.30 pm	Inauguration Function
	02.30 pm to 05.00 pm	Introduction: History and components of Electric Vehicles (EV)
Day 2: 08/09/2020	02.00 pm to 05.00 pm	General Layout of EV
Day 3: 09/09/2020	02.00 pm to 05.00 pm	EV Classification and comparison with Internal Combustion Engine, Advantages and Disadvantages of EV
Day 4: 10/09/2020	02.00 pm to 05.00 pm	How Tesla Car works: Overview, operation and performance.
Day 5: 11/09/2020	02.00 pm to 05.00 pm	Hybrid Electric Vehicles (HEV): History, Components and General Layout of Hybrid Electric Vehicles, Comparison with Electric Vehicles.
Day 6: 12/09/2020	02.00 pm to 05.00 pm	How Toyota Prius works: Overview, operation and performance
Day 7: 13/09/2020	02.00 pm to 05.00 pm	Vehicle Fundamentals: Vehicle Resistance Types, Vehicle Performance, Calculating the Acceleration Force, Maximum speed, Torque required on the Drive Wheel, clutch and gear box, Braking performance.
Day 8: 14/09/2020	02.00 pm to 05.00 pm	Motors used in EV: Overview of DC Motor, BLDC Motor, Induction Motor, Comparison of All Motors
Day 9: 15/09/2020	02.00 pm to 05.00 pm	Overview of Converters, Driver circuits
Day 10: 16/09/2020	02.00 pm to 04.30 pm	Indian and Global Scenarios, Policies in India
	04.30 pm to 05.00 pm	Valedictory Function

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Principal
Jagadambha College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal.

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Screenshot 1: Expert during the online session

Screenshot 2: Expert, Students and Event Coordinator during the online session

List of registered and participated students is as under,

Sr. No.	Name of Students	Year
1.	Ku. Bhagyashri Dnyaneshwar Shamsundar	Second Year
2.	Ku. Gayatri Nilesh Nalge	Second Year
3.	Ku. Nikita Avinash Kale	Second Year
4.	Ku. Pratiksha Narendra Giri	Second Year
5.	Ku. Shital Suresh Meshram	Second Year
6.	Ku. Shreya Dnyaneshwar Upadhye	Second Year
7.	Ku. Srushti Vinod Bhoyar	Second Year
8.	Apparao Arvind Chincholkar	Second Year
9.	Avan Vijay Pawar	Second Year
10.	Gopal Kailas Chavhan	Second Year
11.	Dinesh Suresh Rathod	Second Year
12.	Kaushal Talkokulwar	Second Year
13.	Shivam Arvind Nakhate	Second Year
14.	Mahavir Rajendra Sisodiya	Second Year
15.	Yogesh Rajendra Tetwar	Second Year
16.	Ku Bhagyashri Hanuman Landage	Third Year
17.	Ku Kiran Sharad Kamble	Third Year
18.	Ku Kiran Nehare	Third Year
19.	Ku Komal Chavan	Third Year
20.	Ku Neha Devidas Chaudante	Third Year
21.	Ku Payal Prakash Patil	Third Year
22.	Ku Pratiksha Ashok Parbat	Third Year
23.	Ku Punam Vishwanath Bhagat	Third Year
24.	Ku Rakshanta Banduji Wankar	Third Year
25.	Ku Samiksha Bhaskar Deotale	Third Year
26.	Ku Yashashree Umesh Shrivastav	Third Year
27.	Ku Yogita Dinesh Giri	Third Year
28.	Ku Yogita S Gayakwad	Third Year
29.	Chetan Devendra Matkar	Third Year
30.	Gopal Purohit	Third Year
31.	Harshav P. Khobragade	Third Year
32.	Jivan Pralhad Ghule	Third Year
33.	Kunal Dilip Wabhitkar	Third Year
34.	Nitesh Ramesh Chavhan	Third Year
35.	Rushank Diliprao Haral	Third Year
36.	Sahil Sanjay Kinake	Third Year
37.	Shubham Diliprao Vaidya	Third Year
38.	Shubham Shankar Dhage	Third Year
39.	Bhairavi Rajesh Khobragade	Final Year
40.	Ku. Gauri Kiransing Kakas	Final Year
41.	Ku. Pallavi Ramesh Gaydhane	Final Year
42.	Ku. Priya Subhashrao Sawarkar	Final Year
43.	Ku. Rakshanda Kisan Wankar	Final Year
44.	Ku. Renuka Digambarrao Sonone	Final Year
45.	Ku. Ritika Pramodkumar Singh	Final Year
46.	Ku. Shivani Shyamrao Tajane	Final Year
47.	Ku. Shweta Deelip Ladhe	Final Year
48.	Ku. Shubhangi Shelke	Final Year

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Principal
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49.	Ku.Vaibhavi Ramesh Pabale	Final Year
50.	Aditya Bhaskar Alchewar	Final Year
51.	Ankush Babarao Kale	Final Year
52.	Jay Mahadev Ade	Final Year
53.	Kunal Ramuji Raut	Final Year
54.	Parmeshwar Prakash Rathod	Final Year
55.	Pratik Shriramji Kale	Final Year
56.	PritishVilas Chele	Final Year

Course Outcomes:-

- Students understood the basic principles of Electric Vehicles.

- Students learned the operation and performance of Electric Vehicles.

- This certificate course was very useful to increase the awareness of Electric Vehicles in market.

- Students learned to develop the awareness of Electric Vehicle technology.

- This certificate course was very helpful to the students to understand the business opportunities in this field.

Prof. Dipak P. Charde
Event Coordinator

Dr. Vijay G. Neve
H.O.D., Electrical Engg. Dept.

Dr. Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Arni Road,Kinhi,Yavatmal

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COLLEGE OF ENGINEERING & TECHNOLOGY , YAVATMAL
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COLLEGE CODE EN- 1127

Electrical Engineering Department
Attendance of Online Certificate Course on "Opportunities and Challenges in Electric Vehicle"

Sr. No.	Name of Students	07/09/2020	08/09/2020	09/09/2020	10/09/2020	11/09/2020
1.	Ku. Bhagyashri D. Shamsundar	P	P	P	P	P
2.	Ku. Gayatri N. Nalge	P	P	P	P	P
3.	Ku. Nikita A. Kale	P	P	P	P	P
4.	Ku. Pratiksha N. Giri	P	P	P	P	P
5.	Ku. Shital S. Meshram	P	P	P	P	P
6.	Ku. Shreya D. Upadhye	P	A	P	P	P
7.	Ku. Srushti V. Bhoyar	P	P	P	P	P
8.	Apparao A. Chincholkar	P	P	P	P	P
9.	Avan V. Pawar	P	P	P	P	P
10.	Gopal Kailas Chavhan	P	P	P	P	P
11.	Dinesh Suresh Rathod	P	P	P	P	P
12.	Kaushal Talkokulwar	P	P	P	P	P
13.	Shivam A. Nakhate	P	P	P	P	P
14.	Mahavir R. Sisodiya	P	A	P	P	P
15.	Yogesh R. Tetwar	P	P	P	P	P
16.	Ku Bhagyashri Hanuman Landage	P	P	P	P	P
17.	Ku Kiran S. Kamble	P	P	P	P	P
18.	Ku Kiran Nehare	P	P	P	P	P
19.	Ku Komal Chavan	P	P	A	P	P
20.	Ku Neha D. Chaudante	P	P	P	P	P
21.	Ku Payal P. Patil	P	P	P	P	P
22.	Ku Pratiksha A. Parbat	P	P	P	P	P
23.	Ku Punam V. Bhagat	P	P	P	P	P
24.	Ku Rakshanta Banduji Wankar	P	P	P	P	P
25.	Ku Samiksha Bhaskar Deotale	P	P	P	P	P
26.	Ku Yashashree Umesh Shrivastav	P	A	P	P	P
27.	Ku Yogita Dinesh Giri	P	P	P	P	P
28.	Ku Yogita S Gayakwad	P	P	P	P	P

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Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Arni Road,Kinhi,Yavatm.

Sr. No.	Name of Students	07/09/2020	08/09/2020	09/09/2020	10/09/2020	11/09/2020
29.	Chetan Devendra Matkar	P	P	P	P	P
30.	Gopal Purohit	P	P	P	P	P
31.	Harshav P. Khobragade	P	P	P	P	P
32.	Jivan Pralhad Ghule	P	P	P	P	P
33.	Kunal Dilip Wabhitkar	P	P	P	P	P
34.	Nitesh Ramesh Chavhan	P	P	P	P	P
35.	Rushank Diliprao Haral	P	P	P	P	P
36.	Sahil Sanjay Kinake	P	P	P	P	P
37.	Shubham Diliprao Vaidya	A	P	P	P	P
38.	Shubham Shankar Dhage	P	P	P	P	P
39.	Bhairavi Rajesh Khobragade	P	A	P	P	P
40.	Ku. Gauri Kiransing Kakas	P	P	P	P	P
41.	Ku. Pallavi Ramesh Gaydhane	P	P	P	P	P
42.	Ku. Priya Subhashrao Sawarkar	P	P	P	P	P
43.	Ku. Rakshanda Kisan Wankar	P	P	P	P	P
44.	Ku. Renuka Digambarrao Sonone	P	P	P	P	P
45.	Ku. Ritika Pramodkumar Singh	P	P	P	P	P
46.	Ku. Shivani Shyamrao Tajane	P	P	P	P	P
47.	Ku. Shweta Deelip Ladhe	P	P	P	P	P
48.	Ku. Shubhangi Shelke	P	P	P	P	P
49.	Ku.Vaibhavi Ramesh Pabale	P	A	P	P	P
50.	Aditya Bhaskar Alchewar	P	P	P	P	P
51.	Ankush Babarao Kale	P	P	P	P	P
52.	Jay Mahadev Ade	P	P	P	P	P
53.	Kunal Ramuji Raut	P	A	P	P	P
54.	Parmeshwar Prakash Rathod	P	P	P	P	P
55.	Pratik Shriramji Kale	P	P	P	P	P
56.	PritishVilas Chele	P	P	P	P	P

Prof. Dipak P. Charde
Event Coordinator

Dr. Vijay G. Neve
H.O.D., Electrical Engg. Dept.

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Principal
agadamoha College of Engineering &
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Electrical Engineering Department
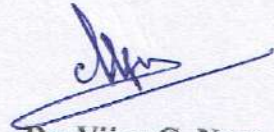## Attendance of Online Certificate Course on "Opportunities and Challenges in Electric Vehicle"

Sr. No.	Name of Students	12/09/2020	13/09/2020	14/09/2020	15/09/2020	16/09/2020
1.	Ku. Bhagyashri D. Shamsundar	P	P	P	P	P
2.	Ku. Gayatri N. Nalge	P	P	P	P	P
3.	Ku. Nikita A. Kale	P	A	P	P	P
4.	Ku. Pratiksha N. Giri	P	P	P	P	P
5.	Ku. Shital S. Meshram	P	P	P	P	P
6.	Ku. Shreya D. Upadhye	P	A	P	P	P
7.	Ku. Srushti V. Bhoyar	P	P	P	P	P
8.	Apparao A. Chincholkar	P	P	P	P	P
9.	Avan V. Pawar	P	P	P	P	P
10.	Gopal Kailas Chavhan	P	P	P	P	P
11.	Dinesh Suresh Rathod	P	P	P	P	P
12.	Kaushal Talkokulwar	P	A	P	P	P
13.	Shivam A. Nakhate	P	P	P	P	P
14.	Mahavir R. Sisodiya	P	P	P	P	P
15.	Yogesh R. Tetwar	P	P	P	P	P
16.	Ku Bhagyashri Hanuman Landage	P	P	P	P	P
17.	Ku Kiran S. Kamble	P	P	P	P	P
18.	Ku Kiran Nehare	P	P	P	P	P
19.	Ku Komal Chavan	P	P	A	P	P
20.	Ku Neha D. Chaudante	P	P	P	P	P
21.	Ku Payal P. Patil	P	P	P	P	P
22.	Ku Pratiksha A. Parbat	P	P	P	P	P
23.	Ku Punam V. Bhagat	P	P	P	P	P
24.	Ku Rakshanta Banduji Wankar	P	A	P	P	P
25.	Ku Samiksha Bhaskar Deotale	P	P	P	P	P
26.	Ku Yashashree Umesh Shrivastav	P	P	P	P	P
27.	Ku Yogita Dinesh Giri	P	P	P	P	P
28.	Ku Yogita S Gayakwad	P	P	P	P	P

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Jagadambha College of Engineering &
Technology,Arni Road,Kinhi,Yavatm.

Sr. No.	Name of Students	12/09/2020	13/09/2020	14/09/2020	15/09/2020	16/09/2020
29.	Chetan Devendra Matkar	P	P	P	P	P
30.	Gopal Purohit	P	P	P	P	P
31.	Harshav P. Khobragade	P	P	P	P	P
32.	Jivan Pralhad Ghule	P	P	P	P	P
33.	Kunal Dilip Wabhitkar	P	P	P	P	P
34.	Nitesh Ramesh Chavhan	P	P	P	P	P
35.	Rushank Diliprao Haral	P	P	P	P	P
36.	Sahil Sanjay Kinake	P	A	P	P	P
37.	Shubham Diliprao Vaidya	P	P	P	P	P
38.	Shubham Shankar Dhage	P	P	P	P	P
39.	Bhairavi Rajesh Khobragade	P	A	P	P	P
40.	Ku. Gauri Kiransing Kakas	P	P	P	P	P
41.	Ku. Pallavi Ramesh Gaydhane	P	P	P	P	P
42.	Ku. Priya Subhashrao Sawarkar	P	P	P	P	P
43.	Ku. Rakshanda Kisan Wankar	P	P	P	P	P
44.	Ku. Renuka Digambarrao Sonone	P	P	P	P	P
45.	Ku. Ritika Pramodkumar Singh	P	P	P	P	P
46.	Ku. Shivani Shyamrao Tajane	P	P	P	P	P
47.	Ku. Shweta Deelip Ladhe	P	P	P	P	P
48.	Ku. Shubhangi Shelke	P	P	P	P	P
49.	Ku.Vaibhavi Ramesh Pabale	P	A	P	P	P
50.	Aditya Bhaskar Alchewar	P	P	P	P	P
51.	Ankush Babarao Kale	P	P	P	P	P
52.	Jay Mahadev Ade	P	P	P	P	P
53.	Kunal Ramuji Raut	P	A	P	P	P
54.	Parmeshwar Prakash Rathod	P	P	P	P	P
55.	Pratik Shriramji Kale	P	P	P	P	P
56.	PritishVilas Chele	P	P	P	P	P

Prof. Dipak P. Charde
Event Coordinator

Dr. Vijay G. Neve
H.O.D., Electrical Engg. Dept.

SKILL-LYNC

Certificate

This certificate is proudly presented to

KU. BHAGYASHRI DNYANESHWAR SHAMSUNDAR

On successful completion of Online Certificate Course on **Opportunities and Challenges in Electric Vehicle** organized by Electrical Engineering Department, Jagadambha College of Engineering & Technology, Yavatmal in collabaration with **Skill Lync, Thiruvanmiyur, Chennai, Tamil Nadu.** The course was conducted during 07/09/2020 to 16/09/2020 for 30 Hours Duration.

Karthik Ramaswamy
MD, Skill Lync,
Thiruvanmiyur, Chennai

Prof. Dipak P. Charde
Event Coordinator
Electrical Engg. Dept.

Dr. Vijay G. Neve
H.O.D.
Electrical Engg. Dept.

Dr. H. M. Baradkar
Principal
J.C.O.E.T., Yavatmal

Dr. Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal

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JAGADAMBHA
COLLEGE OF ENGINEERING & TECHNOLOGY , YAVATMAL

**DEPARTMENT OF ELECTRICAL ENGINEERING
ORGANISES ONLINE CERTIFICATE COURSE
ON**

"OPPORTUNITIES AND CHALLENGES IN ELECTRIC VEHICLE"

BY
KARTHIK RAMASWAMY,
ALEX OUSEPH & SANJAY KHARB

OBJECTIVES

- To understand basic principles of Electric Vehicles.
- To understand operation and performance of Electric Vehicles.
- To increase awareness of electric vehicle market.
- To develop awareness of electric vehicle technology.
- To understand the business opportunities.

BRIEF ABOUT COURSE

Department of Electrical Engineering organized Online Certificate Course on Opportunities and Challenges in Electric Vehicle for students of Second, Third and Final Year Electrical Engineering to inform them about the upcoming market scenarios that will be faced by electrical engineers.

SYLLABUS

1. Introduction: History and components of Electric Vehicles (EV).
2. General Layout of EV.
3. EV Classification and comparison with Internal Combustion Engine, Advantages and Disadvantages of EV.
4. How Tesla Car works: Overview, operation and performance.
5. Hybrid Electric Vehicles (HEV): History, Components and General Layout of Hybrid Electric Vehicles, Comparison with Electric Vehicles.
6. How Toyota Prius works: Overview, operation and performance.
7. Vehicle Fundamentals: Vehicle Resistance Types, Vehicle Performance, Calculating the Acceleration Force, Maximum speed, Torque required on the Drive Wheel, clutch and gear box, Braking performance.
8. Motors used in EV: Overview of DC Motor, BLDC Motor, Induction Motor, Comparison of All Motors.
9. Overview of Converters, Driver circuits.
10. Indian and Global Scenarios, Policies in India.

DATE

07/09/2020
to
16/09/2020

MODE OF COURSE WILL BE ONLINE ON ZOOM APP.

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Arni Road,Kinhi,Yavatmal

PROF. D. P. CHARDE
CO-ORDINATOR
ASST.PROF. ELECTRICAL ENGG. DEPT.

DR. V. G. NEVE
H.O.D. & PROF.
ELECTRICAL ENGG. DEPT.

DR. H. M. BARADKAR
PRINCIPAL
JCOET, YAVATMAL

JAGADAMBHA BAHUUDDESHIYA GRAMIN VIKAS SANSTH'S

JAGADAMBHA
COLLEGE OF ENGINEERING & TECHNOLOGY , YAVATMAL
Approved by A.I.C.T.E. & Government of Maharashtra, Affiliated to S.G.B. Amravati University, Amravati.

COLLEGE CODE EN- 1127

Electrical Engineering Department
A Certificate Course Report

Online Certificate Course on
"Electronic Circuit Design
(For Third Year Electrical Engineering)"

By MDB Electrosoft Private Limited, Amravati

Academic Year: 2020-21   **Course Code: 3EE04_2020 (EDC)**

Department of Electrical Engineering organized **Online Certificate Course on Electronic Circuit Design** for Third Year Electrical Engineering students to inform the students about the Electronic Circuit Designing process.

1. Course Date : 21/12/2020 to 01/01/2021 (12 Days)

2. Mode of Course conduction: Online Mode on Zoom Application

3. Name of Course Expert : Mr. S. P. Mudholkar

4. Name of Course Coordinator : Asst. Prof. Priyanka H. Kadam

5. Expected Audience : Students

6. Number of Participants : 40 (Third Year)

7. Hours per Day : 03 Hours per Day (Total – 36 Hours)

Objectives:-

- To get the knowledge about Electronic Circuit and its Design.
- To understand the basic electrical engineering principles.
- To learn the basics of combinational as well as sequential logic.
- To understand the mathematical representation of circuit behavior.
- To get an exposure to a popular hardware modeling language.

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Principal
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Syllabus:-

- The knowledge about Electronic Circuit and its Design.
- The basic electrical engineering principles and abstractions: lumped circuit models, digital circuits, and operational amplifiers.
- Design products based on product design principles, guidelines and skills.
- The basics of combinational as well as sequential logic.
- Sequential circuits and state machines.
- The various processes and systems to address human needs by creating tangible Electronic Products.
- Electronic product design and development, Methodology, creativity techniques, brain storming, documentation.
- Designing of electronic products using user centered design process.
- The relationship between the mathematical representation of circuit behavior and corresponding real-life effects.
- Different manufacturing processes in sheet metal, Plastics.
- Product finishing methods like platting, powder coating etc.
- The design philosophy as well as good design practices.
- An exposure to a popular hardware modeling language.

The schedule:-

Date	Time	Event
21/12/2020 Monday	12:00 pm to 12:30 pm	Inauguration Function
	12:30 pm to 03:00 pm	The knowledge about Electronic Circuit and its Design
22/12/2020 Tuesday	12:00 pm to 03:00 pm	The basic electrical engineering principles and abstractions: lumped circuit models, digital circuits, and operational amplifiers.
23/12/2020 Wednesday	12:00 pm to 03:00 pm	Design products based on product design principles, guidelines and skills
24/12/2020 Thursday	12:00 pm to 03:00 pm	• The basics of combinational as well as sequential logic • Sequential circuits and state machines.
25/12/2020 Friday	12:00 pm to 03:00 pm	The various processes and systems to address human needs by creating tangible Electronic Products

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| Date	Time	Topic
26/12/2020 Saturday	12:00 pm to 03:00 pm	Electronic product design and development, Methodology, creativity techniques, brain storming, documentation.
27/12/2020 Sunday	12:00 pm to 03:00 pm	Designing of electronic products using user centered design process
28/12/2020 Monday	12:00 pm to 03:00 pm	The relationship between the mathematical representation of circuit behavior and corresponding real-life effects.
29/12/2020 Tuesday	12:00 pm to 03:00 pm	Different manufacturing processes in sheet metal, Plastics.
30/12/2020 Wednesday	12:00 pm to 03:00 pm	Product finishing methods like platting, powder coating etc
31/12/2020 Thursday	12:00 pm to 03:00 pm	The design philosophy as well as good design practices.
01/01/2021 Friday	12:00 pm to 02:30 pm	An exposure to a popular hardware modeling language.
	02:30 pm to 03:00 pm	Valedictory Function

Screenshot 1: Expert during the online session

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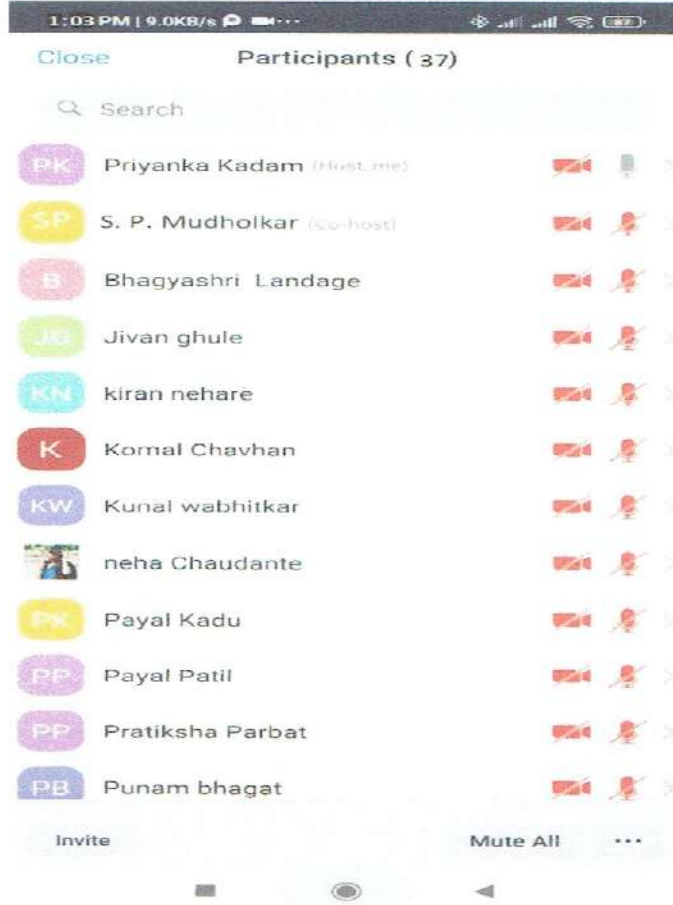
Screenshot 2: Expert, Students and Event Coordinator during the online session

List of registered and participated students is as under,

Sr. No.	Name of Students	Year
1.	Ku. Ankita Jogdande	Third Year
2.	Ku. Ankita Mirase	Third Year
3.	Ku. Avantika Anil Wate	Third Year
4.	Ku. Bhagyashri Hanuman Landage	Third Year
5.	Ku. Bhumika Santosh Pachpor	Third Year
6.	Ku. Devyani Gajanan Padole	Third Year
7.	Ku. Jannavi Milind Ambalkar	Third Year
8.	Ku. Kiran Nehare	Third Year
9.	Ku. Komal Chavhan	Third Year
10.	Ku. Neha Coudante	Third Year
11.	Ku. Pallavi Chintalwar	Third Year
12.	Ku. Payal Kadu	Third Year
13.	Ku. Payal Patil	Third Year
14.	Ku. Pratiksha Parbat	Third Year
15.	Ku. Punam Bhagat	Third Year
16.	Ku. Rakshanta Wankar	Third Year
17.	Ku. Samiksha Deotale	Third Year
18.	Ku. Shivani Muddelwar	Third Year
19.	Ku. Shital Kohchade	Third Year
20.	Ku. Tejal Kadukar	Third Year
21.	Ku. Vaishnavi Pawar	Third Year

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22.	Ku. Vaishnavi Raut	Third Year
23.	Ku. Vaishnavi Warhekar	Third Year
24.	Ku. Yogita Giri	Third Year
25.	Chaitanya K Turwile	Third Year
26.	Chetan Devendra Matkar	Third Year
27.	Dishant Sanjay Chavhan	Third Year
28.	Durgesh Vilasrao Jagtap	Third Year
29.	Ganesh Mudiraj	Third Year
30.	Gopal Purohit	Third Year
31.	Jivan Pralhad Ghule	Third Year
32.	Kshitij Pramod Ingole	Third Year
33.	Kunal Dilip Wabhitkar	Third Year
34.	Mohnish S. Apturkar	Third Year
35.	Nihar Gokuldas Tijare	Third Year
36.	Nitesh Ramesh Chavhan	Third Year
37.	Sudesh Rajendra Raut	Third Year
38.	Suraj M. Chakule	Third Year
39.	Swapnil Haridas Padhen	Third Year
40.	Tushar Rajkumar Milmile	Third Year

Course Outcomes:-

- Students learned the basic knowledge of Electronic Circuit and its design.

- Students learned the basic electrical engineering principles from this certificate course.

- Through this certificate course, students understood very well the basics of combinational as well as sequential logic and where to apply it.

- Students understood the mathematical representation of circuit behavior.

- This certificate course was very helpful to the students to know the hardware modeling language.

Asst. Prof. Priyanka H. Kadam
Course Coordinator

Dr. Vijay G. Neve
H.O.D., Electrical Engg. Dept.

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Jagadambha Collage of Engineering &
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Approved by A.I.C.T.E. & Government of Maharashtra, Affiliated to S.G.B. Amravati University, Amravati

COLLEGE CODE EN- 1127

Electrical Engineering Department
Attendance of Online Certificate Course on "Electronic Circuit Design (For Third Year Electrical Engineering)"

Sr. No.	Name of Students	21/12/2020	22/12/2020	23/12/2020	24/12/2020	25/12/2020	26/12/2020
1.	Ku. Ankita Jogdande	P	A	P	P	A	P
2.	Ku. Ankita Mirase	P	P	P	P	P	P
3.	Ku. Avantika Anil Wate	P	P	A	P	P	P
4.	Ku. Bhagyashri Hanuman Landage	P	P	P	P	P	P
5.	Ku. Bhumika Santosh Pachpor	P	P	A	P	P	P
6.	Ku. Devyani Gajanan Padole	P	A	P	P	P	A
7.	Ku. Jannavi Milind Ambalkar	P	P	P	P	P	P
8.	Ku. Kiran Nehare	P	P	P	P	P	P
9.	Ku. Komal Chavhan	P	P	P	P	P	P
10.	Ku. Neha Coudante	P	P	P	P	P	P
11.	Ku. Pallavi Chintalwar	P	P	P	P	P	P
12.	Ku. Payal Kadu	P	P	P	P	P	P
13.	Ku. Payal Patil	P	A	A	A	A	A
14.	Ku. Pratiksha Parbat	P	P	P	P	P	P
15.	Ku. Punam Bhagat	P	P	P	P	P	P
16.	Ku. Rakshanta Wankar	P	P	P	P	P	P
17.	Ku. Samiksha Deotale	P	P	P	P	P	P
18.	Ku. Shivani Muddelwar	P	P	P	P	P	P
19.	Ku. Shital Kohchade	P	P	A	P	P	P
20.	Ku. Tejal Kadukar	P	P	P	P	P	P

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Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Arni Road,Kinhi,Yavatmal

Electrical Engineering Department
Attendance of Online Certificate Course on "Electronic Circuit Design (For Third Year Electrical Engineering)"

Sr. No.	Name of Students	27/12/2020	28/12/2020	29/12/2020	30/12/2020	31/12/2020	01/01/2021
1.	Ku. Ankita Jogdande	P	P	A	P	P	P
2.	Ku. Ankita Mirase	P	P	P	P	P	P
3.	Ku. Avantika Anil Wate	P	P	P	P	P	A
4.	Ku. Bhagyashri Hanuman Landage	P	P	P	P	P	P
5.	Ku. Bhumika Santosh Pachpor	P	P	P	P	P	P
6.	Ku. Devyani Gajanan Padole	A	P	P	P	P	P
7.	Ku. Jannavi Milind Ambalkar	P	P	P	P	P	P
8.	Ku. Kiran Nehare	P	P	P	P	P	A
9.	Ku. Komal Chavhan	A	P	P	P	P	P
10.	Ku. Neha Coudante	P	P	P	P	P	P
11.	Ku. Pallavi Chintalwar	P	A	P	P	P	A
12.	Ku. Payal Kadu	P	P	P	P	P	P
13.	Ku. Payal Patil	P	P	P	P	P	P
14.	Ku. Pratiksha Parbat	P	P	P	P	P	P
15.	Ku. Punam Bhagat	P	P	A	P	P	P
16.	Ku. Rakshanta Wankar	P	P	P	P	P	P
17.	Ku. Samiksha Deotale	P	P	P	P	P	P
18.	Ku. Shivani Muddelwar	P	P	P	P	P	P
19.	Ku. Shital Kohchade	P	P	P	P	P	P
20.	Ku. Tejal Kadukar	P	P	P	P	P	A

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Principal
Jagadambha College of Engineering &
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Sr. No.	Name of Students	27/12/2020	28/12/2020	29/12/2020	30/12/2020	31/12/2020	01/01/2021
21.	Ku. Vaishnavi Pawar	P	P	P	P	P	P
22.	Ku. Vaishnavi Raut	P	P	P	P	P	P
23.	Ku. Vaishnavi Warhekar	P	P	P	P	P	A
24.	Ku. Yogita Giri	P	P	P	P	P	P
25.	Chaitanya K Turwile	P	P	P	P	P	P
26.	Chetan Devendra Matkar	P	P	P	P	P	P
27.	Dishant Sanjay Chavhan	P	P	P	P	P	P
28.	Durgesh Vilasrao Jagtap	P	P	A	P	P	P
29.	Ganesh Mudiraj	A	P	P	P	P	P
30.	Gopal Purohit	P	P	P	P	P	P
31.	Jivan Pralhad Ghule	P	A	P	P	P	P
32.	Kshitij Pramod Ingole	P	P	P	P	P	P
33.	Kunal Dilip Wabhitkar	P	P	P	P	P	P
34.	Mohnish S. Apturkar	P	P	P	P	P	P
35.	Nihar Gokuldas Tijare	P	P	P	P	P	P
36.	Nitesh Ramesh Chavhan	P	P	P	P	P	P
37.	Sudesh Rajendra Raut	P	P	P	P	P	P
38.	Suraj M. Chakule	P	P	P	P	P	P
39.	Swapnil Haridas Padhen	P	P	P	P	P	P
40.	Tushar Rajkumar Milmile	P	P	P	A	P	P

Asst. Prof. Priyanka H. Kadam
Course Coordinator

Dr. Vijay G. Neve
H.O.D., Electrical Engg. Dept.

Dr. Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal

About The Institute

Jagadambha Bahuuddeshiya Gramin Vikas Sanstha was formed in the year 2003 by the visionary Dr. Shittal A. Watile renouned educationalist with the lofty aim of providing quality professional education and meeting the rising expectations of the industry as well as the young students in region & around. Jagadambha College of Engineering & Technology, Yavatmal , was established by JBGVS on an expanse of 11 acres on Nagpur Tuljapur Highway just 5 Km. from Yavatmal bus stand. The Institute is located at quite calm and peaceful area an ideal site for teaching learning, with the approval of All India Council for Technical Education and Govt. of Maharashtra. The college started functioning from the academic year 2009-10, initially with four branches with a total intake of 240 students. The college is affiliated to Sant Gadge Baba Amravati, University. The present intake of the College is 360 students with five core branches of Engineering at B.E. Level. The Institute has started four M.E. Courses from 2013-14 like Mechanical CAD-CAM, Computer Science & Engineering, Structural Engineering & Electronics & Telecommunication Engineering with total intake 72, which makes the highest intake among all Engineering Colleges in Yavatmal City in a short span of time. Jagadambha College of Engineering & Technology, Yavatmal is marching to achieve the objective

COURSE OBJECTIVES

- ☒ TO GET THE KNOWLEDGE ABOUT ELECTRONIC CIRCUIT AND ITS DESIGN.
- ☒ TO UNDERSTAND THE BASIC ELECTRICAL ENGG. PRINCIPLES.
- ☒ TO LEARN THE BASICS OF COMBINATIONAL AS WELL AS SEQUENTIAL LOGIC.
- ☒ TO UNDERSTAND THE MATHEMATICAL REPRESENTATION OF CIRCUIT BEHAVIOR.
- ☒ TO GET AN EXPOSURE TO A POPULAR HARDWARE MODELING LANGUAGE.

COURSE SYLLABUS

- THE KNOWLEDGE ABOUT ELECTRONIC CIRCUIT AND ITS DESIGN.
- THE BASIC ELECTRICAL ENGINEERING PRINCIPLES AND ABSTRACTIONS: LUMPED CIRCUIT MODELS, DIGITAL CIRCUITS, AND OPERATIONAL AMPLIFIERS.
- DESIGN PRODUCTS BASED ON PRODUCT DESIGN PRINCIPLES, GUIDELINES AND SKILLS.
- THE BASICS OF COMBINATIONAL AS WELL AS SEQUENTIAL LOGIC.
- SEQUENTIAL CIRCUITS AND STATE MACHINES.
- THE VARIOUS PROCESSES AND SYSTEMS TO ADDRESS HUMAN NEEDS BY CREATING TANGIBLE ELECTRONIC PRODUCTS.
- ELECTRONIC PRODUCT DESIGN AND DEVELOPMENT, METHODOLOGY, CREATIVITY TECHNIQUES, BRAIN STORMING, DOCUMENTATION.
- DESIGNING OF ELECTRONIC PRODUCTS USING USER CENTERED DESIGN PROCESS.
- THE RELATIONSHIP BETWEEN THE MATHEMATICAL REPRESENTATION OF CIRCUIT BEHAVIOR AND CORRESPONDING REAL-LIFE EFFECTS.
- DIFFERENT MANUFACTURING PROCESSES IN SHEET METAL, PLASTICS.
- PRODUCT FINISHING METHODS LIKE PLATTING, POWDER COATING ETC.
- THE DESIGN PHILOSOPHY AS WELL AS GOOD DESIGN PRACTICES
- AN EXPOSURE TO A POPULAR HARDWARE MODELING LANGUAGE.

JAGADAMBHA
COLLEGE OF ENGINEERING & TECHNOLOGY , YAVATMAL
Approved by AICTE, Recognised by DTE & Affiliated to S.G.B. Amravati University, Amravati

ELECTRICAL ENGINEERING DEPARTMENT ORGANISES ONLINE CERTIFICATE COURSE ON

" ELECTRONIC CIRCUIT DESIGN "

Principal
Jagadambha College of Engineering & Technology, Arni Road, Kinhi, Yavatmal

DATE
07/12/2020 TO 18/12/2020 (12 DAYS)

ESTD 2003

ABOUT DEPARTMENT

MAKING A CAREER IN ELECTRICAL ENGINEERING WILL BE CHALLENGING AS WELL AS REWARDING. THERE ARE TREMENDOUS CAREER PROSPECTS IN THIS FIELD IN INDIA AS WELL AS IN DEVELOPED COUNTRIES ACROSS THE WORLD.THE ELECTRICAL ENGINEERING DEPARTMENT AT JAGADAMBHA COLLEGE OF ENGINEERING AND TECHNOLOGY, YAVATMAL, MAHARASHTRA STATE PRODUCES ELECTRICAL ENGINEERS WITH INNOVATIVE IDEAS IN THEIR MIND IN THE FIELD OF GENERATION, TRANSMISSION AND DISTRIBUTION. THE DEPARTMENT HAS HIGHLY QUALIFIED AND EXPERIENCED FACULTY WITH THE SPECIALIZATION IN THE AREAS OF ELECTRICAL POWER SYSTEM, POWER ELECTRONICS, INTEGRATED POWER SYSTEM, ELECTRICAL DRIVES AND CONTROL. THE DEPARTMENT HAS DEFINED THE PROGRAME OUTCOMES AND ALL THE GOOD INITIATIVES TO FULFILL THE NEEDS.

COURSE EXPERT

MR. S. P. MUDHOLKAR
(MDB ELECTROSOFT PRIVATE LIMITED, AMRAVATI)

PATRONS

DR. SHITTAL A. WATILE
HON'BLE SECRETARY
JCOET, YAVATMAL

DR. H. M. BARADKAR
PRINCIPAL
JCOET, YAVATMAL

DR. V. G. NEVE
HOD & PROF.
ELECTRICAL ENGG. DEPT.
JCOET, YAVATMAL

COURSE CO-ORDINATOR

MISS. P. H. KADAM
ASST. PROF.
ELECTRICAL ENGG. DEPT.
JCOET, YAVATMAL

BRIEF OF COURSE

Department of Electrical Engineering organized online certificate course on Electronic Circuit Design for Second Year Electrical Engineering students to inform the students about the Electronic Circuit Designing process.

MODE OF COURSE -
ONLINE ON ZOOM APPLICATION

TIME -
12 :00 PM
TO
3:00 PM

COURSE DURATION
3 HOURS PER DAY
TOTAL 36 HOURS

LINK WILL BE PROVIDED ONE DAY BEFORE THE COURSE

JAGADAMBHA
COLLEGE OF ENGINEERING & TECHNOLOGY , YAVATMAL

KINHI, ARNI ROAD OPPOSITE OF HOTEL TANDOOR VATIKA, YAVATMAL-445001 (M.S.)

Principal
Jagadamdha College of Engineering &
Technology Arni Road,Kinhi,Yavatmal

Certificate

This certificate is presented to

Ku. Ankita Jogdande

On successful completion of Online Certificate Course on **Electronic Circuit Design** organized by Electrical Engineering Department. Jagadambha College of Engineering & Technology. Yavatmal in collabaration with **MDB Electrosoft Pvt. Ltd., Amravati**. The course was conducted during 21/12/2020 to 01/01/2021 for 36 Hours Duration.

MDB ELECTROSOFT
We Make You Confident Technixaly

Mr. S. P. Mudholkar
Managing Director
MDB Electrosoft
Pvt. Ltd., Amravati

Prof. Priyanka H. Kadam
Event Coordinator
Electrical Engg. Dept.

Dr. Vijay G. Neve
H.O.D
Electrical Engg. Dept.

Dr. H. M. Baradkar
Principal
J.C.O.E.T., Yavatmal

Dr. Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology. Arni Road, Kinhi, Yavatmal

ESTD
2009

JAGADAMBHA BAHUUDDESHIYA GRAMIN VIKAS SANSTH'S

JAGADAMBHA
COLLEGE OF ENGINEERING & TECHNOLOGY , YAVATMAL
Approved by A.I.C.T.E. & Government of Maharashtra, Affiliated to S.G.B. Amravati University, Amravati.

COLLEGE CODE EN- 1127

Electrical Engineering Department
A Certificate Course Report

Online Certificate Course on
"Revit MEP & AutoCAD in Electrical"
By Astral Private Limited, Nagpur

Academic Year: 2020-21   **Course Code: RMEP&AUTOCAD_2021**

Department of Electrical Engineering organized **Online Certificate Course on Revit MEP & AutoCAD in Electrical** for students of Second, Third and Final Year Electrical Engineering to get the knowledge about the AutoCAD Software which is having a huge scope in today's market.

1. Event Date : 01/02/2021 to 10/02/2021 (10 Days)

2. Event Mode : Online Mode on Zoom Application

3. Name of Experts : Mr. Purvesh P. Ajane and Mr. Nitish Jadhav

4. Name of Event Coordinator : Prof. Ms. Priyanka H. Kadam

5. Expected Audience : Students

6. Number of Participants : 49 (Second Year – 18, Third Year – 20, Final Year – 23)

7. Hours per Day : 03 Hours per Day (Total Hours – 30 Hours)

Objectives:-

- To learn the Autodesk Revit software.
- To create the spaces and zones to analyze the heating and cooling loads.
- To learn the Revit files and CAD files.
- To create HVAC networks.

Dr. Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
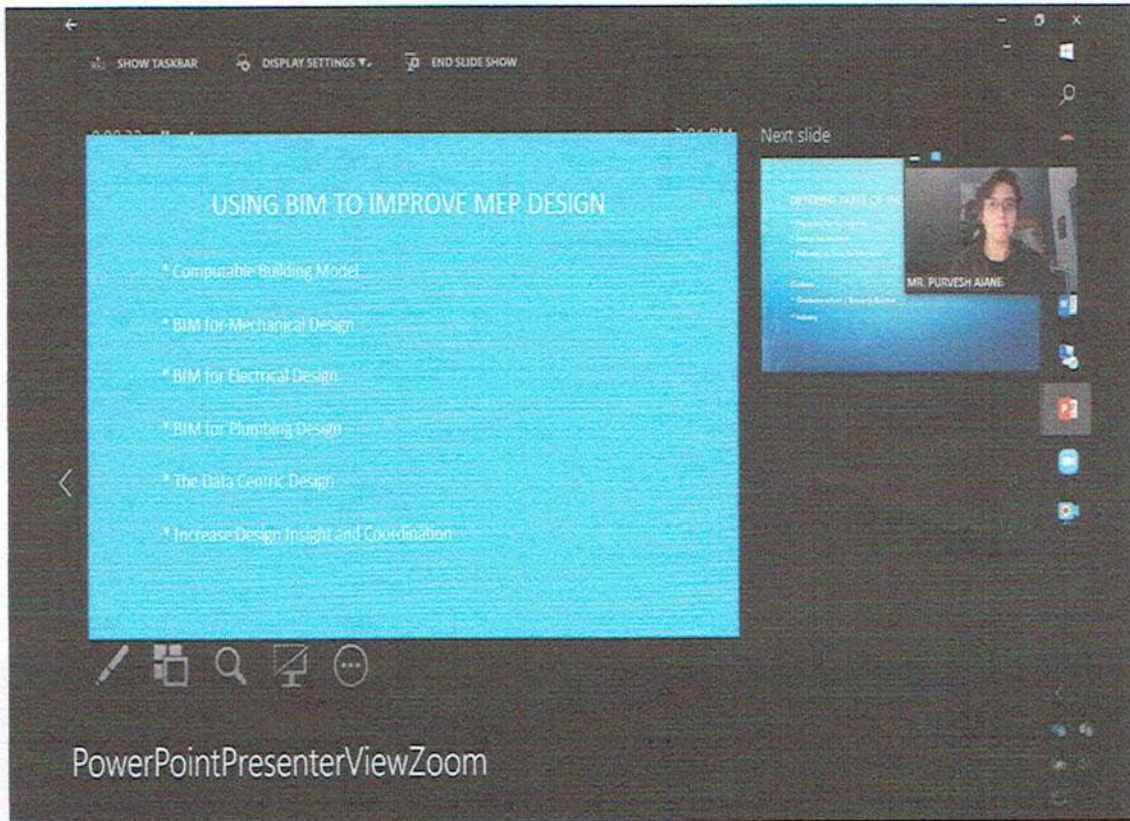Technology, Ami Road, Kinhi, Yavatmal

Syllabus:-

1. Working with the Autodesk Revit software's basic viewing, drawing, and editing commands.
2. Inserting and connecting MEP components and using the System Browser.
3. Working with linked Revit files and CAD files.
4. Creating spaces and zones so that you can analyze heating and cooling loads.
5. Creating HVAC networks with air terminals, mechanical equipment, ducts, and pipes.
6. Creating plumbing networks with plumbing fixtures and pipes.
7. Creating electrical circuits with electrical equipment, devices, and lighting fixtures and adding cable trays and conduits.
8. Creating HVAC and plumbing systems with automatic duct and piping layouts.
9. Testing duct, piping and electrical systems.
10. Creating and annotating construction documents.
11. Adding tags and creating schedules.
12. Detailing in the Autodesk Revit software.

The schedule:-

Date	Time	Syllabus covered
Day 1: 01/02/2021	01.00 pm to 01.30 pm	Inauguration Function
	01.30 pm to 04.00 pm	Working with the Autodesk Revit software's basic viewing, drawing, and editing commands
Day 2: 02/02/2021	01.00 pm to 04.00 pm	Inserting and connecting MEP components and using the System Browser
Day 3: 03/02/2021	01.00 pm to 04.00 pm	Working with linked Revit files and CAD files
Day 4: 04/02/2021	01.00 pm to 04.00 pm	Creating spaces and zones so that you can analyze heating and cooling loads
Day 5: 05/02/2021	01.00 pm to 04.00 pm	Creating HVAC networks with air terminals, mechanical equipment, ducts, and pipes
Day 6: 06/02/2021	01.00 pm to 04.00 pm	Creating plumbing networks with plumbing fixtures and pipes
Day 7: 07/02/2021	01.00 pm to 04.00 pm	Creating electrical circuits with electrical equipment, devices, and lighting fixtures and adding cable trays and conduits
Day 8: 08/02/2021	01.00 pm to 04.00 pm	Creating HVAC and plumbing systems with automatic duct and piping layouts
Day 9: 09/02/2021	01.00 pm to 04.00 pm	Testing duct, piping and electrical systems Creating and annotating construction documents
Day 10: 10/02/2021	01.00 pm to 03.30 pm	Adding tags and creating schedules Detailing in the Autodesk Revit software
	03.30 pm to 04.00 pm	Valedictory Function

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology.Arni Road,Kinhi,Yavatmal

Screenshot 1: Experts with Event Coordinator during the online session

Screenshot 2: The students during the online session

List of registered and participated students is as under,

Sr. No.	Name of Students	Year
1.	Ku. Bhagyashri Avinash Chavhan	Second Year
2.	Ku. Bhagyashri Dnyaneshwar Shamsundar	Second Year
3.	Ku. Gayatri Nilesh Nalge	Second Year
4.	Ku. Mayuri Kailas Kodape	Second Year
5.	Ku. Nikita Avinash Kale	Second Year
6.	Ku. Nisha Vijay Thorat	Second Year
7.	Ku. Pratiksha Narendra Giri	Second Year
8.	Ku. Sanskruti Wankhade	Second Year
9.	Ku. Shital Suresh Meshram	Second Year
10.	Ku. Shreya Dnyaneshwar Upadhye	Second Year
11.	Ku. Srushti Vinod Bhoyar	Second Year
12.	Apparao Arvind Chincholkar	Second Year
13.	Deepak Ganpatrao Gorlewar	Second Year
14.	Avan Vijay Pawar	Second Year
15.	Karan Pramod Ade	Second Year
16.	Ketaki Varendra Shete	Second Year
17.	Yogesh Rajendra Tetwar	Second Year
18.	Shivam Arvind Nakhate	Second Year
19.	Ku Kiran Sharad Kamble	Third Year
20.	Ku Kiran Nehare	Third Year
21.	Ku Payal Kadu	Third Year
22.	Ku Payal Prakash Patil	Third Year
23.	Ku Pratiksha Ashok Parbat	Third Year
24.	Ku Punam Vishwanath Bhagat	Third Year
25.	Ku Rakshanta Banduji Wankar	Third Year
26.	Ku. Rutuja Kokate	Third Year
27.	Ku. Samiksha Bhaskar Deotale	Third Year
28.	Ku. Shiwani Muddelwar	Third Year
29.	Ku. Vaishnavi Raut	Third Year
30.	Ku Yogita Dinesh Giri	Third Year
31.	Ku Yogita S. Gayakwad	Third Year
32.	Chetan Devendra Matkar	Third Year
33.	Gopal Purohit	Third Year
34.	Nitesh Ramesh Chavhan	Third Year
35.	Shubham Diliprao Vaidya	Third Year
36.	Shubham Shankar Dhage	Third Year
37.	Sudesh Raut	Third Year
38.	Swapnil Padhen	Third Year
39.	Ku. Ashvini Shankar Shinde	Final Year
40.	Ku. Bhairavi Rajesh Khobragade	Final Year
41.	Ku. Gauri Kiransing Kakas	Final Year
42.	Ku. Jaya Avdhutrao Kamble	Final Year
43.	Ku. Pallavi Ramesh Gaydhane	Final Year
44.	Ku. Priya Subhashrao Sawarkar	Final Year
45.	Ku. Rakshanda Kisan Wankar	Final Year
46.	Ku. Renuka Digambarrao Sonone	Final Year
47.	Ku. Ritika Pramodkumar Singh	Final Year
48.	Ku. Shivani Shyamrao Tajane	Final Year
49.	Ku. Shweta Deelip Ladhe	Final Year

Dr. Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal

Course Outcomes:-

- Students learned the Autodesk Revit software.

- Students learned to create the spaces and zones to analyze the heating and cooling loads.

- This certificate course was very useful for the students to learn the Revit files and CAD files.

- Students learned to create the HVAC network.

Prof. Priyanka H. Kadam
Event Coordinator

Dr. Vijay G. Neve
H.O.D., Electrical Engg. Dept.

Principal
Jagadambha College of Engineering &
Technology, Ami Road, Kinhi, Yavatmal

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COLLEGE CODE EN- 1127

Electrical Engineering Department

Attendance of Online Certificate Course on "Revit MEP & AutoCAD in Electrical"

Sr. No.	Name of Students	01/02/2021	02/02/2021	03/02/2021	04/02/2021	05/02/2021
1.	Bhagyashri A. Chavhan	P	A	P	P	P
2.	Bhagyashri D. Shamsundar	P	P	P	P	P
3.	Gayatri Nilesh Nalge	P	P	P	P	P
4.	Mayuri Kailas Kodape	A	P	P	P	P
5.	Nikita Avinash Kale	P	P	P	P	P
6.	Nisha Vijay Thorat	P	A	P	P	A
7.	Pratiksha Narendra Giri	P	P	P	P	P
8.	Sanskruti Wankhade	A	P	A	P	P
9.	Shital Suresh Meshram	A	P	P	P	P
10.	Shreya D. Upadhye	P	P	P	P	A
11.	Srushti Vinod Bhoyar	P	P	P	P	P
12.	Apparao A. Chincholkar	P	P	P	P	P
13.	Deepak G. Gorlewar	P	P	P	P	P
14.	Avan Vijay Pawar	P	A	P	P	A
15.	Karan Pramod Ade	P	P	P	P	P
16.	Ketaki Varendra Shete	P	P	P	P	P
17.	Yogesh Rajendra Tetwar	P	P	P	P	P
18.	Shivam Arvind Nakhate	P	P	P	P	P
19.	Kiran Sharad Kamble	P	P	A	P	P
20.	Kiran Nehare	P	P	P	P	P
21.	Payal Kadu	P	P	P	P	P
22.	Payal Prakash Patil	P	P	P	P	P
23.	Pratiksha Ashok Parbat	P	P	P	P	A
24.	Punam V. Bhagat	P	P	P	P	P
25.	Rakshanta B. Wankar	P	P	P	P	P
26.	Rutuja Kokate	P	A	P	P	P
27.	Samiksha Bhaskar Deotale	P	P	P	P	P
28.	Shiwani Muddelwar	P	P	P	P	P
29.	Vaishnavi Raut	P	P	A	P	P
30.	Yogita Dinesh Giri	P	P	P	P	P
31.	Yogita S. Gayakwad	P	P	P	P	P

ESTD 2009

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology, Ami Road,Kinhi,Yavatmal

Sr. No.	Name of Students	06/02/2021	07/02/2021	08/02/2021	09/02/2021	10/02/2021
32.	Chetan Devendra Matkar	P	A	P	P	P
33.	Gopal Purohit	P	P	P	A	P
34.	Nitesh Ramesh Chavhan	P	P	P	P	P
35.	Shubham Diliprao Vaidya	P	A	P	P	P
36.	Shubham Shankar Dhage	P	P	P	P	P
37.	Sudesh Raut	P	P	P	P	P
38.	Swapnil Padhen	P	P	P	P	P
39.	Ku. Ashvini Shankar Shinde	P	P	P	P	P
40.	Ku. Bhairavi Rajesh Khobragade	A	P	P	P	P
41.	Ku. Gauri Kiransing Kakas	P	P	P	P	P
42.	Ku. Jaya Avdhutrao Kamble	P	A	P	A	A
43.	Ku. Pallavi Ramesh Gaydhane	P	P	P	P	P
44.	Ku. Priya Subhashrao Sawarkar	P	P	P	P	P
45.	Ku. Rakshanda Kisan Wankar	P	A	P	P	P
46.	Ku. Renuka Digambarrao Sonone	P	P	P	A	P
47.	Ku. Ritika Pramodkumar Singh	P	P	P	P	P
48.	Ku. Shivani Shyamrao Tajane	P	P	P	P	P
49.	Ku. Shweta Deelip Ladhe	P	P	P	P	P

Prof. Priyanka H. Kadam
Event Coordinator

Dr. Vijay G. Neve
H.O.D., Electrical Engg. Dept.

Dr.Hemant M. Baradkar
Principal
...dambha College of Engineering
...

Electrical Engineering Department
Attendance of Online Certificate Course on "Revit MEP & AutoCAD in Electrical"

Sr. No.	Name of Students	06/02/2021	07/02/2021	08/02/2021	09/02/2021	10/02/2021
1.	Bhagyashri A. Chavhan	P	A	P	P	P
2.	Bhagyashri D. Shamsundar	P	P	P	P	P
3.	Gayatri Nilesh Nalge	P	P	P	P	P
4.	Mayuri Kailas Kodape	A	P	P	P	P
5.	Nikita Avinash Kale	P	P	P	P	P
6.	Nisha Vijay Thorat	P	A	P	P	A
7.	Pratiksha Narendra Giri	P	P	P	P	P
8.	Sanskruti Wankhade	A	P	A	P	P
9.	Shital Suresh Meshram	A	P	P	P	P
10.	Shreya D. Upadhye	P	P	P	P	A
11.	Srushti Vinod Bhoyar	P	P	P	P	P
12.	Apparao A. Chincholkar	P	P	P	P	P
13.	Deepak G. Gorlewar	P	P	P	P	P
14.	Avan Vijay Pawar	P	A	P	P	A
15.	Karan Pramod Ade	P	P	P	P	P
16.	Ketaki Varendra Shete	P	P	P	P	P
17.	Yogesh Rajendra Tetwar	P	P	P	P	P
18.	Shivam Arvind Nakhate	P	P	P	P	P
19.	Kiran Sharad Kamble	P	P	A	P	P
20.	Kiran Nehare	P	P	P	P	P
21.	Payal Kadu	P	P	P	P	P
22.	Payal Prakash Patil	P	P	P	P	P
23.	Pratiksha Ashok Parbat	P	P	P	P	A
24.	Punam V. Bhagat	P	P	P	P	P
25.	Rakshanta B. Wankar	P	P	P	P	P
26.	Rutuja Kokate	P	A	P	P	P
27.	Samiksha Bhaskar Deotale	P	P	P	P	P
28.	Shiwani Muddelwar	P	P	P	P	P
29.	Vaishnavi Raut	P	P	A	P	A
30.	Yogita Dinesh Giri	P	P	P	P	P
31.	Yogita S. Gayakwad	P	P	P	P	P

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Arni Road,Kinhi Yavatmal

Sr. No.	Name of Students	01/02/2021	02/02/2021	03/02/2021	04/02/2021	05/02/2021
32.	Chetan Devendra Matkar	P	A	P	P	P
33.	Gopal Purohit	P	P	P	A	P
34.	Nitesh Ramesh Chavhan	P	P	P	P	P
35.	Shubham Diliprao Vaidya	P	A	P	P	P
36.	Shubham Shankar Dhage	P	P	P	P	P
37.	Sudesh Raut	P	P	P	P	P
38.	Swapnil Padhen	P	P	P	P	P
39.	Ku. Ashvini Shankar Shinde	P	P	P	P	P
40.	Ku. Bhairavi Rajesh Khobragade	A	P	P	P	P
41.	Ku. Gauri Kiransing Kakas	P	P	P	P	P
42.	Ku. Jaya Avdhutrao Kamble	P	A	P	A	A
43.	Ku. Pallavi Ramesh Gaydhane	P	P	P	P	P
44.	Ku. Priya Subhashrao Sawarkar	P	P	P	P	P
45.	Ku. Rakshanda Kisan Wankar	P	A	P	P	P
46.	Ku. Renuka Digambarrao Sonone	P	P	P	A	P
47.	Ku. Ritika Pramodkumar Singh	P	P	P	P	P
48.	Ku. Shivani Shyamrao Tajane	P	P	P	P	P
49.	Ku. Shweta Deelip Ladhe	P	P	P	P	P

Prof. Priyanka H. Kadam
Event Coordinator

Dr. Vijay G. Neve
H.O.D., Electrical Engg. Dept.

Dr. Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology Arni Road Kinwat

CERTIFICATE

ASTRAL
INFORMATICS (P) LTD

This certificate is proudly presented to

Ku. Bhagyashri Avinash Chavhan

On successful completion of Online Certificate Course on **Revit MEP & AutoCAD in Electrical** organized by Electrical Engineering Department, Jagadambha College of Engineering & Technology, Yavatmal in collabaration with **Astral Private Limited, Nagpur.** The course was conducted during 01/02/2021 to 10/02/2021 for 30 Hours Duration.

Mr. Anil Radhakrishnan	Prof. Priyanka H. Kadam	Dr. Vijay G. Neve	Dr. H. M. Baradkar
Managing Director	Event Coordinator	H.O.D	Principal
Astral Private	Electrical Engg. Dept.	Electrical Engg. Dept.	J.C.O.E.T., Yavatmal
Limited, Nagpur			

ESTD 2009

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Arni Road,Kinhi,Yavatmal

JAGADAMBHA
COLLEGE OF ENGINEERING & TECHNOLOGY , YAVATMAL

ELECTRICAL ENGLINEERING DEPARTMENT
ORGANISES ONLINE CERTIFICATE COURSE
ON

"REVIT MEP & AUTOCAD IN ELECTRICAL"

EXPERT
MR. ANIL RADHAKRISHNAN,
PROF. GOPAL MAHAPATRA
MS. RASHMI MATHUR

## FOR 2ND, 3RD & FINAL YEAR STUDENTS OF ELECTRIAL ENGG. DEPT.

BRIEF OF COURSE

Department of Electrical Engineering organized Online Certificate Course on Revit MEP & AutoCAD in Electrical for students of Second, Third and Final Year Electrical Engineering to get the knowledge about the AutoCAD Software which is having a huge scope in today's market.

SYLLABUS OF COURSE

1. Working with the Autodesk Revit software's basic viewing, drawing, and editing commands.
2. Inserting and connecting MEP components and using the System Browser.
3. Working with linked Revit files and CAD files.
4. Creating spaces and zones so that you can analyze heating and cooling loads.
5. Creating HVAC networks with air terminals, mechanical equipment, ducts, and pipes.
6. Creating plumbing networks with plumbing fixtures and pipes.
7. Creating electrical circuits with electrical equipment, devices, and lighting fixtures and adding cable trays and conduits.
8. Creating HVAC and plumbing systems with automatic duct and piping layouts.
9. Testing duct, piping and electrical systems.
10. Creating and annotating construction documents.
11. Adding tags and creating schedules.
12. Detailing in the Autodesk Revit software.

OBJECTIVE OF COURSE

- To learn the Autodesk Revit software.
- To understand operation and performance of Electric Vehicles.
- To learn the Revit files and CAD files.
- To create HVAC networks.
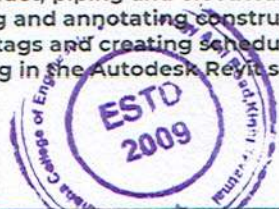
ESTD 2009

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering
Technology Arni Road,Kinhi,Yavatmal

DATE - 01/02/2021 TO 10/02/2021
MODE- ONLINE
APPLICATION - ZOOM

PROF. PRIYANKA H. KADAM	DR. V. G. NEVE	DR. H. M. BARADKAR
CO-ORDINATOR	HOD & PROF	PRINCIPAL
SST.PROF. ELECTRICAL ENGINEERING DEPT.	ELECTRICAL ENGINEERING DEPT.	JCOET, YAVATMAL

JAGADAMBHA BAHUUDDESHIYA GRAMIN VIKAS SANSTH'S

JAGADAMBHA
COLLEGE OF ENGINEERING & TECHNOLOGY , YAVATMAL
Approved by A.I.C.T.E. & Government of Maharashtra, Affiliated to S.G.B. Amravati University, Amravati

COLLEGE CODE EN- 1127

Electrical Engineering Department
A Certificate Course Report

Online Certificate Course on
"PCB Designing and Switchboard Making
(For Second Year Electrical Engineering)"

By Helping Hands, Nashik

Academic Year: 2020-21   **Course Code: 4EE03_2021 (ADC)**

Department of Electrical Engineering organized **Online Certificate Course on PCB Designing and Switchboard Making** for Second Year Electrical Engineering students to inform the students about the PCB Designing process and switchboard making process.

1. Event Date : 01/03/2021 to 10/03/2021 (10 Days)

2. Event Mode : Online Mode on Zoom Application

3. Name of Experts : Mr. G. R. Sahastrabuddhe

4. Name of Event Coordinator : Prof. Priyanka H. Kadam

5. Expected Audience : Students

6. Number of Participants : 30 (Second Year)

7. Hours per Day : 04 Hours per Day (Total – 40 Hours)

Objectives:-

- To understand the PCB designing concepts.
- To understand the Electronic Design Automation (EDA).
- To perform the practical of PCB designing.
- To understand the Preparation of switchboard.
- To learn the practical about how to make panel board of sprinkler.
- To learn the practical about how to make other small Home Appliances.

ESTD 2009

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Arni Road,Kinhi,Yavatm

Syllabus:-

Section 1: Introduction to PCB designing concepts

- Introduction and brief history
- Trends in PCB designing
- Introduction to Electronic Design Automation (EDA)

Section 2: Component introduction and their categories

- Types of components
- Component package Types

Section 3: Introduction to development tools

- Introduction of PROTEUS ISIS software for schematic entry
- Introduction of PROTEUS ARES software for PCB designing

Section 4: Detailed description and practical's of PCB designing

- PCB designing Flow chart
- Description of PCB Layers
- Keywords and their description
- PCB Materials
- Rules for Track
- Study of IPC Standards

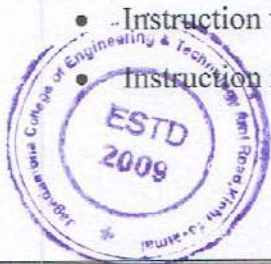**Section 5:** Lab practice and designing concepts

- Starting the PCB designing
- Auto routing
- PCB designing practice
- Post designing and PCB fabrication process
- Project work

Section 6: Project work and documentation

- Project work and documentation

Section 7: Preparation of switchboard

- Practical knowledge about wiring connection in switchboard
- Get the knowledge about blowing of light on the switchboard.
- Instruction with practical about how to make panel board of sprinkler
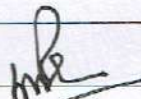- Instruction related to how to make other small home appliances.

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
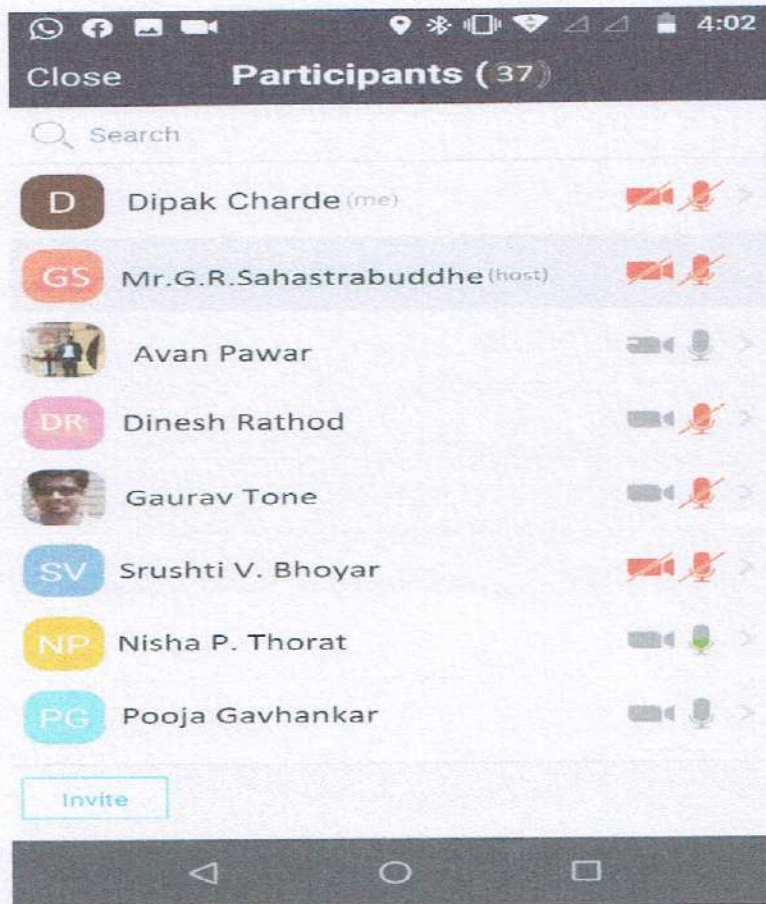Technology,Arni Road,Kinhi,Yavatmal

The schedule:-

Date	Time	Event
01/03/2021 Monday	12:00 pm to 12:30 pm	Inauguration Function
	12:30 pm to 04:00 pm	Section 1: Introduction to PCB designing concepts • Introduction and brief history • Trends in PCB designing
02/03/2021 Tuesday	12:00 pm to 04:00 pm	Introduction to Electronic Design Automation (EDA)
03/03/2021 Wednesday	12:00 pm to 04:00 pm	Section 2: Component introduction and their categories • Types of components • Component package Type
04/03/2021 Thursday	12:00 pm to 04:00 pm	Section 3: Introduction to development tools • Introduction of PROTEUS ISIS software for schematic entry
05/03/2021 Friday	12:00 pm to 04:00 pm	Introduction of PROTEUS ARES software for PCB designing
06/03/2021 Saturday	12:00 pm to 04:00 pm	Section 4: Detailed description and practical's of PCB designing • PCB designing Flow chart • Description of PCB Layers • Keywords and their description • PCB Materials • Rules for Track • Study of IPC Standards
07/03/2021 Sunday	12:00 pm to 04:00 pm	Section 5: Lab practice and designing concepts • Starting the PCB designing • Auto routing • PCB designing practice • Post designing and PCB fabrication process • Project work
08/03/2021 Monday	12:00 pm to 04:00 pm	Section 6: Project work and documentation • Project work and documentation
09/03/2021 Tuesday	12:00 pm to 04:00 pm	Section 7: Preparation of switchboard • Wiring connection in switchboard • Blowing of light on the switchboard.
10/03/2021 Wednesday	12:00 pm to 03:30 pm	• Instruction with practical about how to make panel board of sprinkler • Instruction related to how to make other small home appliances.
	04:30 pm to 05:00 pm	Valedictory Function

Screenshot 1: Event Coordinator and students during the online session

Screenshot 2: Expert, Students and Event Coordinator during the online session

List of registered and participated students is as under,
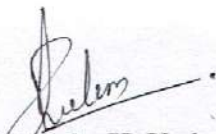
Sr. No.	Name of Students	Year
1.	Aditya Arunrao Tantarpale	Second Year
2.	Akash Keshav uike	Second Year
3.	Akash Subhash Jadhao	Second Year
4.	Aniket Ravindra Bhedurkar	Second Year
5.	Apparao Arvind Chincholkar	Second Year
6.	Avan Vijay Pawar	Second Year
7.	Ku. Bhagyashri Dnyaneshwar Shamsundar	Second Year
8.	Chandrakant Bhagwan Borkar	Second Year
9.	Deepak Ganpat Gorlewar	Second Year
10.	Dinesh Arunrao Shevatkar	Second Year
11.	Dinesh Suresh Rathod	Second Year
12.	Gaurav Dhananjay Tone	Second Year
13.	Ku. Gayatri Nilesh Nalge	Second Year
14.	Gopal Kailas Chavhan	Second Year
15.	Kaushal Talkokulwar	Second Year
16.	Ku. Ketaki Narendra Shete	Second Year
17.	Kunal Rajesh Chaudhary	Second Year
18.	Lavkush Madhavrao Sable	Second Year
19.	Mahavir Rajendra Sisodiya	Second Year
20.	Ku. Mayuri Kailas Kodape	Second Year
21.	Mohanish Charansing Jadhao	Second Year
22.	Mukund Chavhan	Second Year
23.	Ku. Nikita Avinash Kale	Second Year
24.	Nisha Vijay Thorat	Second Year
25.	Payal Diliprao Thakare	Second Year
26.	Pooja Gavhankar	Second Year
27.	Prashant Chavhan	Second Year
28.	Pratik Ravindrarao Sarode	Second Year
29.	Pratiksha Narendra Giri	Second Year
30.	Rajdip Vishnu Jadhao	Second Year

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Course Outcomes:-

- Students understood the PCB designing concepts.

- Students understood the Electronic Design Automation (EDA).

- Students also performed the practicals of PCB designing in this certificate course.

- Students learned to prepare the switchboard.

- This certificate course was very helpful to the students to learn the practical about how to make panel board of sprinkler.

- Also they learned the practical about how to make other small Home Appliances.

Prof. Priyanka H. Kadam
Course Coordinator

Dr. Vijay G. Neve
H.O.D., Electrical Engg. Dept.

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JAGADAMBHA BAHUUDDESHIYA GRAMIN VIKAS SANSTH'S

JAGADAMBHA

COLLEGE OF ENGINEERING & TECHNOLOGY , YAVATMAL

Approved by A.I.C.T.E. & Government of Maharashtra, Affiliated to S.G.B. Amravati University, Amravati.

COLLEGE CODE EN- 1127

Electrical Engineering Department
Attendance of Online Certificate Course on "PCB Designing and Switchboard Making (For Second Year Electrical Engineering)"

Sr. No.	Name of Students	01/03/2021	02/03/2021	03/03/2021	04/03/2021	05/03/2021
1.	Aditya Arunrao Tantarpale	P	A	P	P	P
2.	Akash Keshav uike	P	P	P	P	P
3.	Akash Subhash Jadhao	P	P	P	P	P
4.	Aniket Ravindra Bhedurkar	P	P	P	P	P
5.	Apparao Arvind Chincholkar	P	P	P	P	P
6.	Avan Vijay Pawar	P	P	P	P	P
7.	Bhagyashri D. Shamsundar	P	P	P	P	P
8.	Chandrakant B. Borkar	P	P	P	P	P
9.	Deepak Ganpat Gorlewar	P	P	P	P	P
10.	Dinesh Arunrao Shevatkar	P	P	P	P	P
11.	Dinesh Suresh Rathod	A	P	P	P	P
12.	Gaurav Dhananjay Tone	P	P	P	P	P
13.	Ku. Gayatri Nilesh Nalge	P	P	P	P	P
14.	Gopal Kailas Chavhan	P	A	A	P	P
15.	Kaushal Talkokulwar	P	P	P	P	P
16.	Ketaki Narendra Shete	P	P	P	P	P
17.	Kunal Rajesh Chaudhary	P	P	P	A	P
18.	Lavkush Madhavrao Sable	P	P	P	P	P
19.	Mahavir Rajendra Sisodiya	P	P	A	P	P
20.	Mayuri Kailas Kodape	P	P	P	P	P
21.	Mohanish Charansing Jadhao	A	P	P	P	P
22.	Mukund Chavhan	P	P	P	P	P
23.	Nikita Avinash Kale	P	P	P	P	P
24.	Nisha Vijay Thorat	P	P	P	P	P
25.	Payal Diliprao Thakare	P	P	P	P	P
26.	Pooja Gavhankar	P	A	P	P	A
27.	Prashant Chavhan	P	P	P	P	P
28.	Pratik Ravindrarao Sarode	P	P	P	P	P
29.	Pratiksha Narendra Giri	P	P	P	P	P
30.	Rajdip Vishnu Jadhao	P	P	P	P	P

Prof. Priyanka H. Kadam
Course Coordinator

Dr. Vijay G. Neve
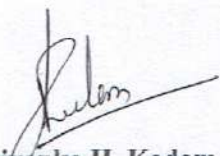H.O.D., Electrical Engg. Dept.

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Principal
Jagadambha College of Engineering
Technology Arni Road Yavatmal.

Electrical Engineering Department
Attendance of Online Certificate Course on "PCB Designing and Switchboard Making (For Second Year Electrical Engineering)"

Sr. No.	Name of Students	06/03/2021	07/03/2021	08/03/2021	09/03/2021	10/03/2021
1.	Aditya Arunrao Tantarpale	P	P	A	P	P
2.	Akash Keshav uike	P	P	P	P	P
3.	Akash Subhash Jadhao	P	P	P	P	P
4.	Aniket Ravindra Bhedurkar	A	P	P	P	P
5.	Apparao Arvind Chincholkar	P	P	P	P	P
6.	Avan Vijay Pawar	P	P	P	P	A
7.	Bhagyashri D. Shamsundar	P	P	P	P	P
8.	Chandrakant B. Borkar	P	P	P	P	P
9.	Deepak Ganpat Gorlewar	P	P	A	P	P
10.	Dinesh Arunrao Shevatkar	P	P	P	P	P
11.	Dinesh Suresh Rathod	P	P	A	P	P
12.	Gaurav Dhananjay Tone	P	P	P	P	P
13.	Ku. Gayatri Nilesh Nalge	P	P	P	P	P
14.	Gopal Kailas Chavhan	P	P	P	P	P
15.	Kaushal Talkokulwar	P	P	P	P	P
16.	Ketaki Narendra Shete	A	P	P	P	P
17.	Kunal Rajesh Chaudhary	P	P	P	P	P
18.	Lavkush Madhavrao Sable	P	P	P	P	P
19.	Mahavir Rajendra Sisodiya	P	P	A	P	P
20.	Mayuri Kailas Kodape	P	A	P	P	P
21.	Mohanish Charansing Jadhao	P	P	P	P	P
22.	Mukund Chavhan	P	P	P	P	A
23.	Nikita Avinash Kale	P	P	P	P	A
24.	Nisha Vijay Thorat	P	P	P	P	P
25.	Payal Diliprao Thakare	P	P	P	P	P
26.	Pooja Gavhankar	P	A	P	P	P
27.	Prashant Chavhan	P	P	A	P	P
28.	Pratik Ravindrarao Sarode	P	P	P	P	P
29.	Pratiksha Narendra Giri	A	P	P	P	P
30.	Rajdip Vishnu Jadhao	P	P	P	P	P

Prof. Priyanka H. Kadam
Course Coordinator

Dr. Vijay G. Neve
H.O.D., Electrical Engg. Dept.

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Nashik Helping Hand

CERTIFICATE

This certificate is proudly presented to

Aditya Arunrao Tantarpale

On successful completion of Online Certificate Course on **PCB Designing and Switchboard Making** organized by Electrical Engineering Department, Jagadambha College of Engineering & Technology, Yavatmal in collaboration with **Helping Hands, Nashik.** The course was conducted during 01/03/2021 to 10/03/2021 for 40 Hours Duration.

Mr. G. R. Sahastrabuddhe
Managing Director
Helping Hands, Nashik

Prof. Priyanka H. Kadam
Event Coordinator
Electrical Engg. Dept.

Dr. Vijay G. Neve
H.O.D
Electrical Engg. Dept.

Dr. H. M. Baradkar
Principal
J.C.O.E.T., Yavatmal

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Principal
Jagadambha College of Engineering &
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JAGADAMBHA
COLLEGE OF ENGINEERING & TECHNOLOGY , YAVATMAL

ELECTRICAL ENGINEERING DEPARTMENT
ORGANISES ONLINE CERTIFICATE COURSE
ON

PCB DESIGNING AND SWITCHBOARD MAKING "

EXPERT
MR. G. R. SAHASTRABUDDHI

FOR 2ND, SECOND YEAR STUDENTS OF ELECTRIAL ENGG. DEPT.

BRIEF OF COURSE

Department of Electrical Engineering organized online certificate course on PCB Designing and Switchboard Making for Second Year Electrical Engineering students to inform the students about the PCB Designing process and switchboard making process.

SYLLABUS OF COURSE

Section 1: Introduction to PCB designing concepts
- Introduction and brief history
- Trends in PCB designing
- Introduction to Electronic Design Automation (EDA)

Section 2: Component introduction and their categories
- Types of components
- Component package Types

Section 3: Introduction to development tools
- Introduction of PROTEUS ISIS software for schematic entry
- Introduction of PROTEUS ARES software for PCB designing

Section 4: Detailed description and practical's of PCB designing
- PCB designing Flow chart
- Description of PCB Layers
- Keywords and their description
- PCB Materials
- Rules for Track
- Study of IPC Standards

Section 5: Lab practice and designing concepts
- Starting the PCB designing
- Auto routing
- PCB designing practice
- Post designing and PCB fabrication process
- Project work

Section 6: Project work and documentation
- Project work and documentation

Section 7: Preparation of switchboard
- Practical knowledge about wiring connection in switchboard
- Get the knowledge about blowing of light on the switchboard
- Instruction with practical about how to make panel board of sprinkler
- Instruction related to how to make other small home appliances.

OBJECTIVE OF COURSE

- To understand the PCB designing concepts.
- To understand the Electronic Design Automation (EDA).
- To perform the practical's of PCB designing.
- To understand the Preparation of switchboa
- To learn the practical about how to make pa board of sprinkler.
- To learn the practical about how to make otl small Home Appliances.

Dr.Hemant M. Baradkar
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Technology,Arni Road,Kinhi,Yavatmal

DATE- 01/03/2021 TO 10/03/2021
MODE- ONLINE
APPLICATION - ZOOM

PROF. D. P. CHARDE	DR. V. G. NEVE	DR. H. M. BARADKAR
CO-ORDINATOR	HOD & PROF	PRINCIPAL
SST.PROF. ELECTRICAL ENGINEERING DEPT.	ELECTRICAL ENGINEERING DEPT.	JCOET, YAVATMAL

JAGADAMBHA BAHUUDDESHIYA GRAMIN VIKAS SANSTH'S

JAGADAMBHA
COLLEGE OF ENGINEERING & TECHNOLOGY , YAVATMAL
Approved by A.I.C.T.E. & Government of Maharashtra, Affiliated to S.G.B. Amravati University, Amravati.

COLLEGE CODE EN- 1127

First Year Engineering

A Session Event Report

Online Certificate Course on " MS Office"
(For First Year Engineering)

By Mr. Mayur Bhoyar ,Nice comuter Institute, Yavatmal

Academic year :- 2020-2021   **Course code: 1B3(CP)_2020**

Depatment of First Year Engineering organized a live session on MS Office for students to inform the audience that Microsoft office is a suite of desktop productivity applications that is designed specifically to be used for office or business use .it mainly consist of Word , Excel, PowerPoint,Access, Onenote, Outlook and Publiser applications.

1. Event Date :- 05/07/2020 to 21/07/2020

2. Event Mode:- Online mode

3. Name of Experts:- Mr.Mayur Bhoyar (Nice computer Institute, Yavatmal)

4. Name of event co-ordinator :- Prof Neeta K. Chaukade

5. Expected Audience :- Students

6. Number of Participants :- 75

7. Hours per day:- 02 Hours

Objectives:-

- To know how to use the most common Microsoft office programs.
- To be able to create documents for printing and sharing
- To be able to create and share presentations.
- To be able to manage and store data in a spredsheet.

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Jagadambha College of Engineering &
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Page | 1

Syllabus:-

1. **MS Word** -Text basic: typing the text, alignment of text, cut,copy,paste, find & replace.

2. Text formatting and saving file: New, open, close, save, formatting text: font size , style, font colour, change the text case , line spacing, paragraph spacing,shading text and paragraph, working with tabs and indents

3. Working with objects: Shapes , clipart, and pictures, Word art, smart art, columns and ordering – to add columns to a documents , change the order of objects ,page number, date & time , inserting text boxes,inserting Word arts, inserting symbols, inserting chart.

4. Header and footers:Inserting custom Header and FooterInserting objects in the header and footer Add section break to a document

5. Working with bullets and numbered lists Multilevel numbering and Bulleting , Creating List , Customizing List, style Page bordering , Page background

6. Tables Working with Tables, Table Formatting ,Table Styles , Alignment option Styles and Content , Using Build- in Styles, Modifying Styles , Creating Styles, Creating a list style , Table of contents and references , Adding internal references , Adding a Footnote , Adding Endnote

7. Merging Documents:Typing new address list , Importing address list from Excel file , Write and insert field , Merging with outlook contact , Preview Result , Merging to envelopes , Merging to labelSharing and Maintaining Document:Changing Word Options , Changing the Proofing Tools , Managing Templates , Restricting Document Access , Using Protected View , Working with Templates.

8. Proofing the document:Check Spelling As You Type. Mark Grammar Errors As You Type. , Setting AutoCorrect OptionsPrinting: Page Setup, Setting margins , Print Preview, Print

9. Introduction to Excel : Understanding rows and columns, Naming Cells , Working with excel workbook and sheets. Formatting excel work book: New, Open, Close, Save, Save As Formatting Text: Font Size, Font Style Font Color, Use the Bold, Italic, and Underline , Wrap text, Merge and Centre , Currency, Accounting and other formats.

10. Perform Calculations with Functions: Creating Simple Formulas , Setting up your own formula , Date and Time Functions, Financial Functions , Logical Functions, Lookup and Reference Sort and Filter Data with Excel: Sort and filtering data , Using number filter, Text filter , Custom filtering , Removing filters from columns.

11. Create Effective Charts to Present Data Visually: Inserting Column, Pie chart etc. Create an effective chart with Chart Tool , Design, Format, and Layout options , Adding chart title , Changing layouts , Chart styles , Editing chart data range : Analyze Data Using PivotTables and Pivot Charts : Understand PivotTables, Create a PivotTable , Framework Using the PivotTable and PivotChart , Create Pivot Chart from pivot Table.

12. Protecting and Sharing the work book : Protecting a workbook with a password , Allow user to edit ranges , Track changes , Working with Comments Use Macros to Automate Tasks : Creating and Recording Macros , Assigning Macros to the work sheets , Saving Macro enabled workbook.

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13. Proofing and Printing : Page setup, Setting print area, Print titles , Inserting custom Header and Footer , Inserting objects in the header and footer , Page Setup, Setting margins, Print Preview, Print , Enable back ground error checking , Setting AutoCorrect Options
14. Setting Up PowerPoint Environment: New, Open, Close, Save, Save As , Typing the text, Alignment of text , Formatting Text: Font Size, Font Style , Font Color, Use the Bold, Italic, and Underline , Cut, Copy, Paste, Select All, Clear text , Find & Replace , Working with Tabs and Indents.
15. Working with bullets and numbering , Multilevel numbering and Bulleting , Creating List , Page bordering , Page background , Aligning text , Text directions , Columns option.

The schedule:-

| Date	Time	Syllabus covered
Day 1: 05/07/2020	09.00 pm to 11.00 pm	**MS Word** -Text basic: typing the text, alignment of text, cut,copy,paste, find & replace.
Day 2: 06/07/2020	09.00 pm to 11.00 pm	Text formatting and saving file: New, open, close, save, formatting text: font size , style, font colour, change the text case , line spacing, paragraph spacing,shading text and paragraph, working with tabs and indents
Day 3: 07/07/2020	09.00 pm to 11.00 pm	Working with objects: Shapes , clipart, and pictures , Word art, smart art, columns and ordering – to add columns to a documents , change the order of objects ,page number, date & time , inserting text boxes, inserting Word arts, inserting symbols, inserting chart,
Day 4: 08/07/2020	09.00 pm to 11.00 pm	Header and footers: Inserting custom Header and Footer Inserting objects in the header and footer Add section break to a document
Day 5: 09/07/2020	09.00 pm to 11.00 pm	Working with bullets and numbered lists Multilevel numbering and Bulleting , Creating List , Customizing List, style Page bordering , Page background
Day 6: 10/07/2020	09.00 pm to 11.00 pm	Tables Working with Tables, Table Formatting ,Table Styles , Alignment option Styles and Content , Using Build- in Styles, Modifying Styles , Creating Styles, Creating a list style , Table of contents and references , Adding internal references , Adding a Footnote , Adding Endnote
Day 7: 12/07/2020	09.00 pm to 11.00 pm	Merging Documents: Typing new address list , Importing address list from Excel file , Write and insert field , Merging with outlook contact , Preview Result , Merging to envelopes , Merging to label Sharing and Maintaining Document: Changing Word Options , Changing the Proofing Tools , Managing Templates , Restricting Document Access , Using Protected View , Working with Templates.
Day 8: 13/07/2020	09.00 pm to 11.00 pm	Proofing the document: Check Spelling As You Type. Mark Grammar Errors As You Type. , Setting AutoCorrect Options

Page | 3

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|		Printing: Page Setup, Setting margins , Print Preview, Print
Day 9: 14/07/2020	09.00 pm to 11.00 pm	Introduction to Excel : Understanding rows and columns, Naming Cells , Working with excel workbook and sheets. Formatting excel work book: New, Open, Close, Save, Save As Formatting Text: Font Size, Font Style Font Color, Use the Bold, Italic, and Underline , Wrap text, Merge and Centre , Currency, Accounting and other formats.
Day 10: 15/07/2020	09.00 pm to 11.00 pm	Perform Calculations with Functions: Creating Simple Formulas , Setting up your own formula , Date and Time Functions, Financial Functions , Logical Functions, Lookup and Reference Sort and Filter Data with Excel: Sort and filtering data , Using number filter, Text filter , Custom filtering , Removing filters from columns
Day 11: 16/07/2020	09.00 pm to 11.00 pm	Create Effective Charts to Present Data Visually: Inserting Column, Pie chart etc. Create an effective chart with Chart Tool , Design, Format, and Layout options , Adding chart title , Changing layouts , Chart styles , Editing chart data range : Analyze Data Using PivotTables and Pivot Charts : Understand PivotTables, Create a PivotTable , Framework Using the PivotTable and PivotChart , Create Pivot Chart from pivot Table.
Day 12: 17/07/2020	09.00 pm to 11.00 pm	Protecting and Sharing the work book : Protecting a workbook with a password , Allow user to edit ranges , Track changes , Working with Comments Use Macros to Automate Tasks : Creating and Recording Macros , Assigning Macros to the work sheets , Saving Macro enabled workbook.
Day 13: 19/07/2020	09.00 pm to 11.00 pm	Proofing and Printing : Page setup, Setting print area, Print titles , Inserting custom Header and Footer , Inserting objects in the header and footer , Page Setup, Setting margins, Print Preview, Print , Enable back ground error checking , Setting AutoCorrect Options
Day 14: 20/07/2020	09.00 pm to 11.00 pm	Setting Up PowerPoint Environment: New, Open, Close, Save, Save As , Typing the text, Alignment of text , Formatting Text: Font Size, Font Style , Font Color, Use the Bold, Italic, and Underline , Cut, Copy, Paste, Select All, Clear text , Find & Replace , Working with Tabs and Indents.
Day 15: 21/07/2020	09.00 pm to 11.00 pm	Working with bullets and numbering , Multilevel numbering and Bulleting , Creating List , Page bordering , Page background , Aligning text , Text directions , Columns option

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Screenshot 1: The Expert Mr.MayurBhoyar online during the webinar
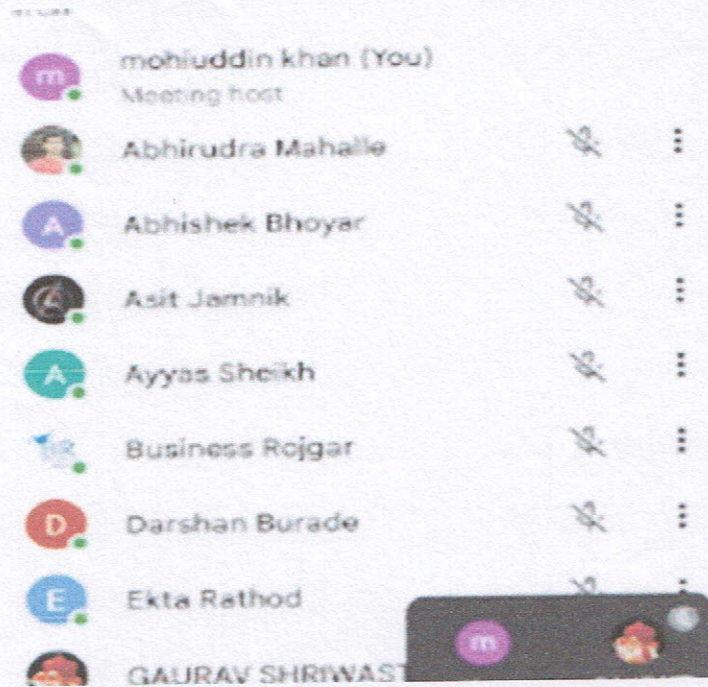
Screenshot 2: The students online during the Webinar
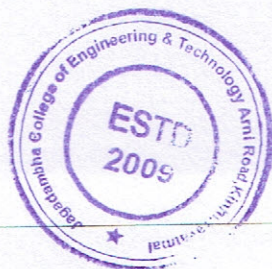
Dr.Hemant M. Baradkar
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Jagadambha College of Engineering &
Technology,Arni Road,Kinhi,Yavatmal

List of students who attented session:

Sr. No.	Name of Students
1	Rushank Diliprao Haral
2	Sahil Sanjay Kinake
3	Saurabh G Hingaspure
4	Shamkant Sambhu Ade
5	Shubham Diliprao Vaidya
6	Shubham Shankar Dhage
7	Sudesh Rajendra Raut
8	Suraj M Chakule
9	Suraj Ramesh Ade
10	Suryakant Gajanan Gadbaile
11	Swapnil Haridas Padhen
12	Tushar Rajkumar Milmile
13	Ku Ankita Jogdande
14	Ku Komal Chavan
15	Ku Neeta Admate
16	Ku Payal Kadu
17	Ku Shiwani Gadekar
18	Ku Tejal Kadukar
19	Ku Trupti Nagrale
20	Ku Vaishali Mohite
21	Ku Vaishnavi Pawar
22	Nikhil Kale
23	Sawan Ramteke
24	Tejas Mithe
25	Suraj Dhurve
26	Rehan Rashid Abdul
27	Ganesh Chandu Nale
28	Kshitij Kumar Deepakrao Raut
29	Vikrant Bhagawat
30	Kiran Nehare
31	Ku.Ashvini Shankar Shinde
32	Ku.Gauri Kiransing Kakas
33	Ku.Jaya Avdhutrao Kamble
34	Ku.Kajal Vishwanath Madavi
35	Ku.Pallavi Ramesh Gaydhane
36	Ku.Pinal Vilas Ingle
37	Ku.Pranjali Masram
38	Ku.Priya Subhashrao Sawarkar
39	Ku.Rachita Gajanan Amolekar
40	Ku.Rakshanda Kisan Wankar

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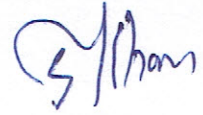| Sr. No.	Name of Students
41	Ku.Renuka Digambarrao Sonone
42	Ku.Ritika Pramodkumar Singh
43	Ku.Shivani Shyamrao Tajane
44	Ku.Shweta Deelip Ladhe
45	Ku.Sonal Kaware
46	Ku.Sonali Raju Chavhan
47	Ku.Sonam Anandsagar Wankar
48	Ku.Vaibhavi Ramesh Pabale
49	Ku.Vaishnavi Kavishwar Agarkar
50	Ku.Vijayshree Diwakar Deotale
51	Ku.Yogeshvari Ratanrao Thakne
52	Aditya Bhaskar Alchewar
53	Ankush Babarao Kale
54	Jay Mahadeo Ade
55	Kunal Ramuji Raut
56	Parmeshwar Prakash Rathod
57	Pratik Shriramji Kale
58	Pritish Chele
59	Sumit Gadge
60	Suraj Prakash Rathod
61	Vaibhav Gajendra Joshi
62	Ankush Jarande
63	Atul Pendore
64	Girish Saundarakar
65	Parag Mandewar
66	Ku. Pranjali Mahure
67	Rushikesh Kadam
68	Ku. Shubhangi Ajay Mishra
69	Jyoti Dilip Asutkar
70	Kalyani AshokraoThakare
71	Shubhangi Shelke
72	Bhairavi Rajesh Khobragade
73	Pratiksha Arunrao Gonde
74	Devanand Dnyaneshwar Uke
75	Pravin Ramrao Ganjare

Outcomes:-

- Students learned how to use the most common Microsoft office programs.
- Students knows very well that how to create documents for printing and sharing
- Students understood that how to create and share presentations.
- Students understood to manage and store data in a spredsheet.

Prof. Neeta K. Choukade

Event Coordinator

Prof. M.A.Khan

HOD. First Year Dept

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Arni Road,Kinhi,Yavatmal

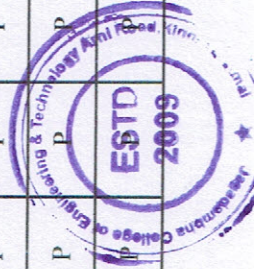# Jagadambha College of Engineering & Technology, Yavatmal
First Year Department
Session : 2020-2021
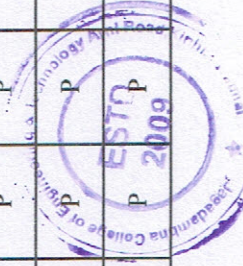### Online Certificate Course on 'MS Office'
Attendance

Sr. No.	Name of Students	05/07/ 2021	06/07/ 2021	07/07/ 2021	08/07/ 2021	09/07/ 2021	10/07/ 2021	12/07/ 2021	13/07/ 2021	14/07/ 2021	15/07/ 2021	16/07/ 2021	17/07/ 2021	19/07/ 2021	20/07/ 2021	21/07/ 2021
1	Rushank Diliprao Haral	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	Sahil Sanjay Kinake	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
3	Saurabh G Hingaspure	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	Shamkant Sambhu Ade	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
5	Shubham Diliprao Vaidya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	Shubham Shankar Dhage	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	Sudesh Rajendra Raut	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	Suraj M Chakule	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	Suraj Ramesh Ade	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
10	Suryakant Gajanan Gadbaile	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	Swapnil Haridas Padhen	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	Tushar Rajkumar Milmile	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	Ku Ankita Jogdande	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	Ku Komal Chavan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	Ku Neeta Admate	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Dr.Hemant M. Baradkar
Principal

Jagadambha College of Engineering
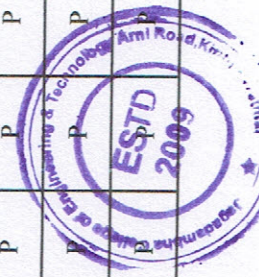Technology Arni Road Kina...

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Sr. No.	Name of Students	05/07/2021	06/07/2021	07/07/2021	08/07/2021	09/07/2021	10/07/2021	12/07/2021	13/07/2021	14/07/2021	15/07/2021	16/07/2021	17/07/2021	19/07/2021	20/07/2021	21/07/2021
16	Ku Payal Kadu	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	Ku Shiwani Gadekar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	Ku Tejal Kadukar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	Ku Trupti Nagrale	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	Ku Vaishali Mohite	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
21	Ku Vaishnavi Pawar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	Nikhil Kale	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23	Sawan Ramteke	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24	Tejas Mithe	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25	Suraj Dhurve	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26	Rehan Rashid Abdul	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27	Ganesh Chandu Nale	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28	Kshitij Kumar Deepakrao Raut	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
29	Vikrant Bhagawat	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P
30	Kiran Nehare	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31	Ku. Ashvini Shankar Shinde	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
32	Ku.Gauri Kiransing Kakas	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33	Ku. Jaya Avdhutrao Kamble	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34	Ku. Kajal Vishwanath Madavi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Sr. No.	Name of Students	05/07/ 2021	06/07/ 2021	07/07/ 2021	08/07/ 2021	09/07/ 2021	10/07/ 2021	12/07/ 2021	13/07/ 2021	14/07/ 2021	15/07/ 2021	16/07/ 2021	17/07/ 2021	19/07/ 2021	20/07/ 2021	21/07/ 2021
35	Ku. Pallavi Ramesh Gaydhane	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
36	Ku.Pinal Vilas Ingle	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
37	Ku. Pranjali Masram	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
38	Ku. Priya Subhashrao Sawarkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39	Ku. Rachita Gajanan Amolekar	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
40	Ku. Rakshanda Kisan Wankar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
41	Ku. Renuka Digambarrao Sonone	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
42	Ku. Ritika Pramodkumar Singh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
43	Ku. Shivani Shyamrao Tajane	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
44	Ku. Shweta Deelip Ladhe	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
45	Ku. Sonal Kaware	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
46	Ku. Sonali Raju Chavhan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
47	Ku. Sonam Anandsagar Wankar	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
48	Ku. Vaibhavi Ramesh Pabale	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
49	Ku. Vaishnavi Kavishwar Agarkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
50	Ku. Vijayshree Diwakar Deotale	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
51	Ku. Yogeshvari Ratanrao Thakne	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
52	Aditya Bhaskar Alchewar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
53	Ankush Babarao Kale	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
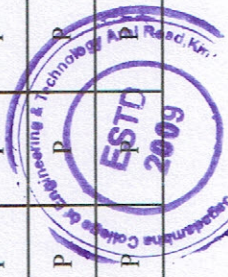
Sr. No.	Name of Students	05/07/2021	06/07/2021	07/07/2021	08/07/2021	09/07/2021	10/07/2021	12/07/2021	13/07/2021	14/07/2021	15/07/2021	16/07/2021	17/07/2021	19/07/2021	20/07/2021	21/07/2021
54	Jay Mahadeo Ade	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
55	Kunal Ramuji Raut	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
56	Parmeshwar Prakash Rathod	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
57	Pratik Shriramji Kale	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
58	Pritish Chele	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
59	Sumit Gadge	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
60	Suraj Prakash Rathod	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
61	Vaibhav Gajendra Joshi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
62	Ankush Jarande	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
63	Atul Pendore	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
64	Girish Saundarakar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
65	Parag Mandewar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
66	Ku. Pranjali Mahure	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
67	Rushikesh Kadam	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
68	Ku. Shubhangi Ajay Mishra	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
69	Jyoti Dilip Asutkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
70	Kalyani Ashokrao Thakare	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
71	Shubhangi Shelke	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
72	Bhairavi Rajesh Khobragade	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P

Sr. No.	Name of Students	05/07/ 2021	06/07/ 2021	07/07/ 2021	08/07/ 2021	09/07/ 2021	10/07/ 2021	12/07/ 2021	13/07/ 2021	14/07/ 2021	15/07/ 2021	16/07/ 2021	17/07/ 2021	19/07/ 2021	20/07/ 2021	21/07/ 2021
73	Pratiksha Arunrao Gonde	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
74	Devanand Dnyaneshwar Uke	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
75	Pravin Ramrao Ganjare	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Course Coordinator
First Year

H.O.D.
First Year Dept.

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Ami Road Kin

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2009

JAGADAMBHA

COLLEGE OF ENGINEERING & TECHNOLOGY, YAVATMAL

Approved by AICTE, Recognised by DTE & Affliated to S.G.B. Amravati University, Amravati

CERTIFICATE OF APPRICIATION

This is to Certify that

Miss./ Mr. _____ PRATIK KAMBLE

has completed _____ MS OFFICE _____ Certified Course successful

During 05/07/2020 to 21/07/2020 Hence this certificate of complitic

has been offered.

Mayur Bhoyar

Director

Sanman English Spoken Classes

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Arni Road,Kinhi,Yavat'

ESTD 2009

Dr. H.M. Baradkar
Principal, JCOET

JAGADAMBHA
COLLEGE OF ENGINEERING & TECHNOLOGY , YAVATMAL

DEPARTMENT OF FIRST YEAR ENGINEERING
ORGANISES CERTIFICATE COURSE ON

"MS OFFICE"

For First Year Students of Engineering

By
Mr. Mayur Bhoyar
Director
Sanman English Speaking Classes
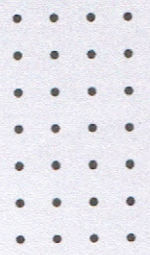
Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Arni Road,Kinhi Yavatmal

Venue -
Extc Seminar hall

DATE
05/07/2020 to 21/07/2020

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Jagadambha College of Engineering & Technology Arni Road,Kinhi Yavatmal

First Year Engineering
Event Report

Online certificate course on "Skill development program"
(For First Year Engineering)

By Mrs. Meera somaiyya SNS, Yavatmal.

Academic Year: 2020-21   **Course Code: SDP_2021**

Department of First year Engineering organized online certificate course on French language for First Year Engineering Students to inform the students French is the second most widely spoken mother tongue in the European Union. Of Europeans who speak other languages natively, approximately one-fifth are able to speak French as a second language.

1) Event date: 16/03/2021 to 30/03/2021
2) Event mode: Online
3) Name of the expert : Mrs. Meera Somaiyya
4) Expected Audience : Students.
5) No of participants : 100
6) Hours per day   : 02 Hours per day .

Objectives:
- To understand about planning and managing an event.
- To understand how to market an event, publicize it , generate interest and attract participants.
- To understand about practices of measuring, analyzing, and managing marketing performance to maximize its effectiveness and optimize ROI .
- To understand how to do the analysis of customer behavior and demographics to develop a better understanding of the consumer leading to better business decisions .

Syllabus:-

1) Principles of Project/ Event Management – Understand project management, resources, activities, risk management , delegation , project selection, role of the event manager. Language in Writing

2) Understanding the facts – Conducting market research, establishing viability, capacities, costs and facilities , plans, time scales , contracts Expression

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3) Seeking sponsors – Different types of sponsorship , definition, objectives, target market, budget, strategic development, implementation, evaluationProse

4) Organising the event – Purpose, Venue, timing, guest list , invitations, food & drink, room dressing, equipment, guest of honour, speakers, media, photographers , podium, exhibition. French Commercial

5) Marketing tools – Types of advertising, merchandising, give aways, competitions, promotions, website and text messaging. French Poems

6) Media tools – Media invitations, photo calls, press releases, TV opportunities, radio interviews.Documents Authentication

7) Promotional tools – Flyers, Posters, Invitations, Website, newsletters, ezines, blogs, tweets. History of France

8) attendance, feedback..Evaluation- Budget, cost of event, return on investment,

9) Marketing Mix optimization: Use of various techniques like multivariate regression to analyse sales and marketing time series data, Effects of various marketing tactics in order to find out the optimal mix of various marketing activities to maximize revenue and /or profitability.

10) Marketing Mix Modelling : Use of this technique to analyse and optimize the marketing spend.

11) Price Analysis : Determination of the price elasticity of a product using historical price and sales data, Application of results to find out expected volume at new prices , key price points, changing price sensitivity, and competitive price matching.

12) Customer Segmentation :Classification of a large customer population into smaller homogeneous groups using modeling techniques such as regression modeling, clustering and decision trees

13) Attrition analysis : Identification of customers who attrite in short time, Devising strategies to stop or prevent attrition

The Schedule:

Date	time	Topic
16/03/2021 Day:1	09:00-11:00 AM	Principles of Project/ Event Management – Understand project management, resources, activities, risk management , delegation , project selection, role of the event manager.
17/03/2021 Day:2	09:00-11:00 AM	Understanding the facts – Conducting market research, establishing viability, capacities, costs and facilities , plans, time scales , contracts.
18/03/2021 Day:3	09:00-11:00 AM	Preparing a proposal – Clarity , SWOT analysis, estimating attendance, media coverage, advertising, budget , special considerations, success.
19/03/2021 Day:4	09:00-11:00 AM	Crisis management plan – Crisis planning, prevention, provision, action phase, handling negative publicity, structuring the plan.
20/03/2021 Day:5	09:00-11:00 AM	Seeking sponsors – Different types of sponsorship , definition, objectives, target market, budget, strategic development, implementation, evaluation
21/10/2019 Day:6	09:00-11:00 AM	Organising the event – Purpose, Venue, timing, guest list , invitations, food & drink, room dressing, equipment, guest of honour, speakers, media, photographers , podium, exhibition.
22/03/2021 Day:7	09:00-11:00 AM	Marketing tools – Types of advertising, merchandising, give aways, competitions, promotions, website and text messaging.
23/03/2021 Day:8	09:00-11:00 AM	Media tools – Media invitations, photo calls, press releases, TV opportunities, radio interviews.

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Principal
Jagadambha College of Engineering & Technology, Arni Road, Kinhi, Yavatmal

24/03/2021 Day:9	09:00-11:00 AM	Promotional tools – Flyers, Posters, Invitations, Website, newsletters, ezines, blogs, tweets.
25/03/2021 Day:10	09:00-11:00 AM	Evaluation- Budget, cost of event, return on investment, media coverage, attendance, feedback.
26/03/2021 Day:11	09:00-11:00 AM	Marketing Mix optimization: Use of various techniques like multivariate regression to analyse sales and marketing time series data, Effects of various marketing tactics in order to find out the optimal mix of various marketing activities to maximize revenue and /or profitability.
27/03/2021 Day:12	09:00-11:00 AM	Marketing Mix Modelling : Use of this technique to analyse and optimize the marketing spend.
28/03/2021 Day:13	09:00-11:00 AM	Price Analysis : Determination of the price elasticity of a product using historical price and sales data, Application of results to find out expected volume at new prices , key price points, changing price sensitivity, and competitive price matching.
29/03/2021 Day:14	09:00-11:00 AM	Promotions Analysis : Analysis of promotions data to understand the sales lift and ROI from various promotional activities such as In-store displays , Newspaper & Pre-print features , coupons, In-store, Mail/ online offers, Special packs, Special events, and discounts etc.
30/03/2021 Day:15	09:00-11:00 AM	Customer Segmentation :Classification of a large customer population into smaller homogeneous groups using modeling techniques such as regression modeling, clustering and decision trees

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Arni Road,Kinhi,Yavat..

People   Information

Add others

⌇ Share joining information

🔍 Search for someone in this call

In call

m **mohiuddin khan (You)**

M **MIRA SOMAIYA**
Meeting host

Diksha Tayde

G **Gayatri Gadekar**

Janhavi Bonkinpallewar

S **Sakshi Raut**

S **Saniya Sayyed**

Tejas Pillare

Vikas Rathod

Screenshot 1 : Mrs. Meera Somaiyya during session with students

Dr.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology Amt Road Kinhi Yavatmal

Screenshot 2 : Mrs. Meera Somaiyya during session with students

Dr. Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal

List of participated and registered students is as under :

Sr.No.	Name Of Students
1	Achal Sadashivrao Dhore
2	Chaitali Vilas Mirase
3	Devendra Devidasji Chandankhede
4	Gajanan Shivajirao Patil
5	Gauri Rameshrao Khasale
6	Geeta Madhav Nimmalwar
7	Gopal Kamalkishor Thakare
8	Harshada Tulshidas Dhawane
9	Jayashree Digambar Upare
10	Karishma Jitendra Mehta
11	Kunal Sanjay Kale
12	Manik Subhash Jadhao
13	Maroti Prakash Hatmode
14	Nikhil Ganesh Harnare
15	Nikhil Sandip Rathod
16	Nikita Suresh Ratnaparkhi
17	Nilima Pralhad Sonawane
18	Pallavi Rajesh Kakade
19	Pavan Rameshrao Bhanarkar
20	Pooja Parmanand Mehta
21	Prashant Sitharth Wathore
22	Pravinya Kisanrao Kale
23	Rahul Hanjari Rathod
24	Rahul Prabhakar Ghangonkar
25	Rashmi Suresh Ratnaparkhi
26	Rupesh Chintaman Tompe
27	Rustam Khan Zahed Khan
28	Soumya Anil Bolenwar
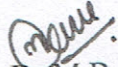
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Principal
Jagadambha College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal

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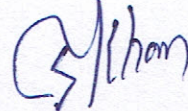| No.	Name
29	Suraj Prakash Madgulwar
30	Vaibhav Kailas Humbade
31	Vishal Subhash Pawar
32	Vivek Marotrao Gayakwad
33	Ku. Anjali Sitaram Atram
34	Ku. Archana Bapurao Dawane
35	Ku. Ashvini Datta Bahadure
36	Ku. Komal Avinash Bhoyar
37	Ku. Pooja Shankar Porchake
38	Ku. Priti Vijay Rathod
39	Ku. Rajshri Dnyaneshwar Kolhe
40	Ku. Sana Naushad Shrve
41	Ku. Sadiyaparveen Anwar Shah
42	Ku. Shivani Dattarao Kawde
43	Ku. Shweta Ajayrao Meghe
44	Ku. Sneha Raju Tamboli
45	Ku. Shrutika Mahesh Padhye
46	Deep Manikrao Thakare
47	Kedarnath Parmeshwar Chavan
48	Lavkush Ananda Sategaonkar
49	Mayur Santosh Dange
50	Rajesh Udaysing Malvi
51	Shubham Gajanan Kawane
52	Shyam Shivaji Sharma
53	Tushar Prakash Gorle
54	Ku. Kishori Sureshrao Deokate
55	Ku. Manisha Ashok Vaidya
56	Ku. Papita Sitaram Kherde
57	Ku. Pratiksha Shyam Raut
58	Ku. Pratiksha Gajanan Turankar
59	Ku. Priti Gajanan Pandhare
60	Ku. Rani Kailas Kanhekar
61	Ku. Rohini Raju Guldagad
62	Ku. Sharada Laxman Godamale
63	Ku. Shivani Prakash Pawar
64	Ku. Vaishali Pandit Chavhan
65	Ajay Sanjay Kandekar
66	Kalpesh Kailas Mankar
67	Md. Arbazz Abdul Haque
68	Tejas Sudhakar Gulhane
69	Vikas Manohar Jadhao
70	Ku. Aditi Vivek Raut
71	Ku. Arati Yashwant Mahure
72	Ku. Ashvini Ananda Padghane
73	Ku. Bhagyashri M. Bhashkar
74	Ku. Diksha Santosh Bhagat
75	Ku. Gauri Vitthal Navalkar
76	Ku. Mayuri Sunil Patil
77	Ku. Reshma Rajesh Rathod
78	Suraj Prakash Madgulwar
79	Vaibhav Kailas Humbade
80	Vishal Subhash Pawar
81	Vivek Marotrao Gayakwad
82	Ku. Anjali Sitaram Atram
83	Ku. Archana Bapurao Dawane

Dr. Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal

84	Ku. Sakshi Niranjan Khade
85	Ku. Shubhangi Naresh Raut
86	Ku. Tina Dilip Mandewad
87	Ashfaque Khan Ayyub Khan
88	Jivan Sanjay Girnale
89	Madan Vasanta Rathod
90	Omkar Ramesh Rathod
91	Ku. Pooja Rajesh Waghmare
92	Ku. Pratiksha Chandu Rathod
93	Ku. Priyanka V. Gawande
94	Ku. Ranjana Rathod
95	Ku. Tejaswini Gajanan Gade
96	Anup Vitthalrao Salve
97	Ku. Pranali Rajendra Kapse
98	Abhishek Arun Dhewale
99	Akash L. Mude
100	Akash Sahebrao Mane

Dr.M.B.Wasu
(Program Co-ordinator)

Prof. M.A.Khan
(First Year Incharge)

H.M.Baradkar
(Principal of JCOET)

.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Arni Road,Kinhi,Yavatmal

Jagadambha College of Engineering & Technology, Yavatmal

First Year Department

Session : 2020-2021

Online Certificate Course on 'Skill Development Program'

Attendance

Sr. No.	Name of Students	16/03/2021	17/03/2021	18/03/2021	19/03/2021	20/03/2021	21/03/2021	22/03/2021	23/03/2021	24/03/2021	25/03/2021	26/03/2021	27/03/2021	28/03/2021	29/03/2021	30/03/2021
1	Achal Sadashivrao Dhore	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	Chaitali Vilas Mirase	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	Devendra Devidasji Chandankhede	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	Gajanan Shivajirao Patil	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
5	Gauri Rameshrao Khasale	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	Geeta Madhav Nimmalwar	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
7	Gopal Kamalkishor Thakare	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	Harshada Tulshidas Dhawane	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	Jayashree Digambar Upare	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
10	Karishma Jitendra Mehta	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	Kunal Sanjay Kale	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	Manik Subhash Jadhao	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	Maroti Prakash Hatmode	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
14	Nikhil Ganesh Harnare	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
15	Nikhil SandipRathod	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
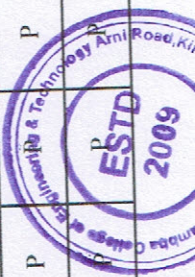
Dr. Hemant M. Baradkar
Principal
Jagadambha College of Engineering
Technology, Arni

Sr. No.	Name of Students	16/03/ 2021	17/03/ 2021	18/03/ 2021	19/03/ 2021	20/03/ 2021	21/03/ 2021	22/03/ 2021	23/03/ 2021	24/03/ 2021	25/03/ 2021	26/03/ 2021	27/03/ 2021	28/03/ 2021	29/03/ 2021	30/03/ 2021
16	Nikita Suresh Ratnaparkhi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	Nilima Pralhad Sonawane	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	Pallavi Rajesh Kakade	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	Pavan Rameshrao Bhanarkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	PoojaParmanand Mehta	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	Prashant Sitharth Wathore	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
22	Pravinya Kisanrao Kale	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23	Rahul Hanjari Rathod	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P
24	Rahul Prabhakar Ghangonkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25	Rashmi Suresh Ratnaparkhi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26	Rupesh Chintaman Tompe	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27	Rustam Khan Zahed Khan	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
28	Soumya Anil Bolenwar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29	Suraj Prakash Madgulwar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30	Vaibhav Kailas Humbade	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
31	Vishal SubhashPawar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
32	Vivek Marotrao Gayakwad	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33	Ku. Anjali Sitaram Atram	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34	Ku. Archana Bapurao Dawane	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

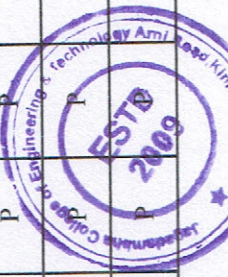| Sr. No.	Name of Students	16/03/ 2021	17/03/ 2021	18/03/ 2021	19/03/ 2021	20/03/ 2021	21/03/ 2021	22/03/ 2021	23/03/ 2021	24/03/ 2021	25/03/ 2021	26/03/ 2021	27/03/ 2021	28/03/ 2021	29/03/ 2021	30/03/ 2021
35	Ku. Ashvini Datta Bahadure	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
36	Ku. Komal Avinash Bhoyar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
37	Ku. Pooja Shankar Porchake	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
38	Ku. Priti Vijay Rathod	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39	Ku. Rajshri Dnyaneshwar Kolhe	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40	Ku. Sana NaushadShrve	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
41	Ku. Sadiyaparveen Anwar Shah	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
42	Ku. Shivani Dattarao Kawde	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
43	Ku. Shweta Ajayrao Meghe	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
44	Ku. Sneha Raju Tamboli	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
45	Ku. Shrutika Mahesh Padhye	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
46	Deep Manikrao Thakare	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
47	Kedarnath Parmeshwar Chavan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
48	Lavkush Ananda Sategaonkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
49	Mayur Santosh Dange	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
50	Rajesh Udaysing Malvi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
51	Shubham Gajanan Kawane	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
52	Shyam Shivaji Sharma	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
53	Tushar Prakash Gorle	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
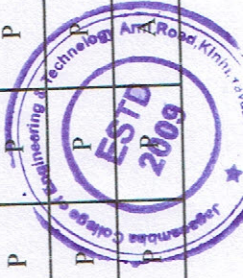
Sr. No.	Name of Students	16/03/2021	17/03/2021	18/03/2021	19/03/2021	20/03/2021	21/03/2021	22/03/2021	23/03/2021	24/03/2021	25/03/2021	26/03/2021	27/03/2021	28/03/2021	29/03/2021	30/03/2021
54	Ku. Kishori Sureshrao Deokate	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
55	Ku. Manisha Ashok Vaidya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
56	Ku. Papita Sitaram Kherde	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
57	Ku. Pratiksha Shyam Raut	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
58	Ku. Pratiksha Gajanan Turankar	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
59	Ku. Priti Gajanan Pandhare	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
60	Ku. Rani Kailas Kanhekar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
61	Ku. Rohini Raju Guldagad	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
62	Ku. Sharada Laxman Godamale	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
63	Ku. Shivani Prakash Pawar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
64	Ku. Vaishali Pandit Chavhan	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
65	Ajay Sanjay Kandekar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
66	Kalpesh Kailas Mankar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
67	Md. Arbazz Abdul Haque	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
68	TejasSudhakar Gulhane	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
69	Vikas Manohar Jadhao	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
70	Ku. Aditi Vivek Raut	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
71	Ku. Arati Yashwant Mahure	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
72	Ku. Ashvini Ananda Padghane	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
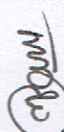
Sr. No.	Name of Students	16/03/2021	17/03/2021	18/03/2021	19/03/2021	20/03/2021	21/03/2021	22/03/2021	23/03/2021	24/03/2021	25/03/2021	26/03/2021	27/03/2021	28/03/2021	29/03/2021	30/03/2021
73	Ku. Bhagyashri M. Bhashkar	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P
74	Ku. Diksha Santosh Bhagat	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
75	Ku. Gauri Vitthal Navalkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
76	Ku. Mayuri Sunil Patil	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
77	Ku. Reshma Rajesh Rathod	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
78	Suraj Prakash Madgulwar	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
79	Vaibhav Kailas Humbade	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
80	Vishal Subhash Pawar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
81	Vivek Marotrao Gayakwad	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
82	Ku. Anjali Sitaram Atram	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
83	Ku. Archana Bapurao Dawane	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
84	Ku. Sakshi Niranjan Khade	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
85	Ku. Shubhangi Naresh Raut	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
86	Ku. Tina Dilip Mandewad	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
87	Ashfaque Khan Ayyub Khan	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
88	Jivan Sanjay Girnale	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
89	MadanVasanta Rathod	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
90	Omkar Ramesh Rathod	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
91	Ku. Pooja Rajesh Waghmare	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
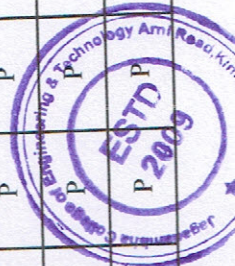
Sr. No.	Name of Students	16/03/ 2021	17/03/ 2021	18/03/ 2021	19/03/ 2021	20/03/ 2021	21/03/ 2021	22/03/ 2021	23/03/ 2021	24/03/ 2021	25/03/ 2021	26/03/ 2021	27/03/ 2021	28/03/ 2021	29/03/ 2021	30/03/ 2021
92	Ku. Pratiksha Chandu Rathod	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
93	Ku. Priyanka V. Gawande	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
94	Ku. Ranjana Rathod	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
95	Ku. Tejaswini Gajanan Gade	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
96	AnupVitthalrao Salve	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
97	Ku. Pranali Rajendra Kapse	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
98	Abhishek Arun Dhewale	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
99	Akash L. Mude	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P
100	Akash Sahebrao Mane	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Course Coordinator

First Year

H.O.D.

First Year Dept.

JAGADAMBHA

COLLEGE OF ENGINERING & TECHNOLOGY, YAVATMAL

Approved by AICTE, Recognised by DTE & Affliated to S.G.B. Amravati University, Amravati

CERTIFICATE OF APPRICIATION

This is to Certify that
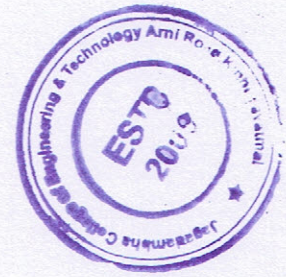
Miss./ Mr. _____ PRATIK KAMBLE

has completed Skill Development Program Certified Course successful

During 16/03/2020 To 30/16/2020 . Hence this certificate of complitic

has been offered.

Dr. H.M. Baradkar
Principal, JCOET

r.Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology,Arni Road,Kinhi,Yavatmal

Mrs Meera Somaiyya
Director
Sanman English Spoken Classes

ESTD
2009

JAGADAMBHA

COLLEGE OF ENGINEERING & TECHNOLOGY, YAVATMAL

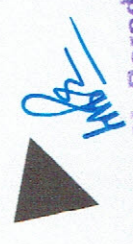### DEPARTMENT OF FIRST YEAR ENGINEERING ORGANISES CERTIFICATE COURSE ON

" SKILL DEVELOPMENT + PROGRAM "

For First Year Students of Engineering

By

Mrs.Meera Somaiyya

Director

Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal

MODE - Zoom App(Online)

DATE 16/03/2021 to 30/03/2021