



Shri Gajanan Shikshan Sanstha's  
**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING**  
**SHEGAON – 444203, DIST. BULDHANA (MAHARASHTRA STATE),**  
**INDIA**

“Recognized by A.I.C.T.E., New Delhi” Affiliated to Sant Gadge Baba Amravati University, Amravati  
“Approved by the D.T.E., M.S. Mumbai”

Ph +918669638081/82  
Website- [www.ssgmce.ac.in](http://www.ssgmce.ac.in)

Email. [principal@ssgmce.ac.in](mailto:principal@ssgmce.ac.in),  
[registrar@ssgmce.ac.in](mailto:registrar@ssgmce.ac.in)

## CRITERION VI - GOVERNANCE, LEADERSHIP AND MANAGEMENT

### Key Indicator 6.3 - Faculty Empowerment Strategies

Metric No	Assessment Indicators	Evidences
6.3.3	Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year	List of the Programs
		Supporting Document



PRINCIPAL  
Shri Sant Gajanan Maharaj  
College of Engineering, Shegaon.



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Email. [principal@ssgmce.ac.in](mailto:principal@ssgmce.ac.in),  
[registrar@ssgmce.ac.in](mailto:registrar@ssgmce.ac.in)

SN	List of Programs
1	Hands on workshop on Fusion 360 organized by SSGMCE shegaon in collaboration with IEI and ISTE chapters.
2	Mastering in EXCEL



  
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# Shri Sant Gajanan Maharaj College of Engineering, Shegaon

Name of the event : Innovate 360

Program types : Workshop

Guest lecture on overview and applications of FUSION 360 in industry

Resource Person

**Prof. Pratik Deshmukh, Training Manager, SWS, Pune**

Academic year

2023-2024

Program Theme

(IPR / R&D and Innovation / Start-up / Entrepreneurship / Design Thinking / Incubation & Pre – Incubation / others)

Design Thinking

Start date & End Date

(DD/MM/YYYY)

26/12/2023

Duration of the activity (in hours)

01:00 Hrs ( 11.00am to 12.00 nn)

No. Participants (Student / Faculty/If any External participants)

Student 10 & Faculty 30

Mode of session (online / offline)

Offline

Program driven by (IIC Calendar activities/Self activities/MIC Activities/Celebration activity)

IIC Calendar activities

Session recording link / Offline venue

Mechanical Seminar hall and OOP Lab, SSGMCE, Shegaon

All Social Media Link (Promotion)

Event Coordinator

Faculty Name / Department

/ Designation

Prof. N B Borkar Asst prof.  
Mechanical Engineering  
,SSGMCE Shegaon.

Target Participants

Faculties and Students of Mechanical engineering dept.

## Objective:

To create sketch in CAD-fusion environment.

2. To generate the 3-D model out of 2-D sketch.
3. To assemble the sub-parts into complete assembly.
4. To analyze the model in static and dynamic load conditions
5. To analyze the model aided by computer manufacturing

## Poster:



**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING**  
**SHEGAON**



Institute of Engineers, India & ISTE Student Chapter

Present

**FDP INNOVATE 360**

Hands on Workshop on FUSION 360



*Resource*

Prof. Pratik Deshmukh,  
Training Manager SWS, Pune

*Let's Upskill Teaching through*

Sketching,  
Modelling,  
Assembling,  
CAM & CAE

*Date*

26-30 Dec 2023

*Venue*

OOP, Lab CS Dept.

**Principal**

Dr. S. B. Somani

**HoD**

Dr. S. P. Trikal (Mech)  
Dr. A. S. Tale (ASH)

**Coordinator**

Prof. K. V. Chandan  
Prof. H. B. Patil

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# Glimpses of activities



## Inauguration



## Participations



## Concluding and Valedictory

### Overview of the program:

The first day of workshop started with an introduction to the Fusion 360 software, utility and installation, later the explaining and practicing of the software with sketching and creating the 3-d model with different commands were introduced. The parametric design and creating the assembly in the software was another days task, so the participant were ask to create each day their own model and assemblies. Day three was about to CAM in which created component were given virtual machining task and its simulation. And the last day was CAE in which static and dynamic load simulations were introduced. The overall participants have got the following

outcomes. We extend our sincere gratitude to **Pratik Deshmukh** for sharing their expertise and making the event more tool full. Special thanks to the audience for their enthusiastic participation.

**Shri Sant Gajanan Maharaj College of Engineering Shegaon**  
**Department of Information Technology**

**Notice**

Date: 05/12/2023

Dear All Non-Teaching Staff (IT and CSE)

We are pleased to announce a workshop designed (Mastering in EXCEL) to enhance your operational efficiency and teamwork. Please ensure your presence at this session, as it will cover important updates and procedures that are crucial for our day-to-day activities. Your attendance and active participation will be greatly appreciated.

**Date:** 09/12/2023

**Time:** 9:00 am

**Venue:** Data Engineering Lab, IT Department



**Prof. P G Angaitkar**

Workshop Coordinator



**Dr. A S Manekar**

IT HOD

# SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING, SHEGAON

Information Technology Department

## Workshop on "Mastering Excel for Non-Teaching Staff"

**Workshop Title:** Mastering Excel for Non-Teaching Staff.

**Date:** 09/12/2023

**Location:** Data Engineering Lab

**Organized By:** Information Technology Department

**Facilitator:** Prof. P.G. Angaitkar

**Number of Participants:** 10

### **Objectives:**

This workshop is designed to empower non-teaching staff with practical Excel skills that can enhance their productivity and efficiency in various administrative tasks. The session will cover the basics of Excel, including data entry, formatting, basic formulas, and data analysis techniques.

### **Workshop Highlights:**

The session began with the welcome to all participants and workshop facilitator. Prof. P. G. Angaitkar discussed the brief scenario of Workshop. After that first session of the workshop is started. All session highlights are mention below

### **Schedule of Workshop on "Mastering Excel"**

**Date:** 09/12/2023

Session	Time	Session Topic
1	9:00 AM - 10:00 AM	<b>Introduction to Excel</b> <ol style="list-style-type: none"><li>1. Overview of Excel interface and features.</li><li>2. Basic navigation and workbook management.</li><li>3. Data entry and cell formatting.</li></ol>



		4. Practical exercise: Creating a simple spreadsheet.
2	10:30AM - 12:15PM	<b>Working with Formulas and Functions</b> <ol style="list-style-type: none"> <li>1. Introduction to basic formulas (SUM, AVERAGE, COUNT).</li> <li>2. Using functions for calculations.</li> <li>3. Understanding relative and absolute references.</li> <li>4. Practical exercise: Implementing basic formulas in a sample worksheet.</li> </ol>
3	12:45 PM- 2:00PM	<b>Data Organization and Management</b> <ol style="list-style-type: none"> <li>1. Sorting and filtering data.</li> <li>2. Using tables for data management.</li> <li>3. Data validation and drop-down lists.</li> <li>4. Practical exercise: Organizing data in a worksheet.</li> </ol>
4	2:15PM - 3:15PM	<b>Data Analysis with Excel</b> <ol style="list-style-type: none"> <li>1. Introduction to PivotTables.</li> <li>2. Creating and customizing PivotTables.</li> <li>3. Using charts for data visualization.</li> <li>4. Practical exercise: Analyzing data using PivotTables and charts.</li> </ol>
	3:15PM-3:45 PM	<b>Q &amp;A Session</b> Open floor for questions and discussions.

#### Outcome:

- Participants gained a solid understanding of Excel basics, including data entry, cell formatting, and navigation. They also learned to apply intermediate functions such as basic formulas, data organization techniques, and data analysis tools.
- The workshop taught participants how to efficiently organize and manage data using sorting, filtering, tables, and data validation. This has enabled them to handle large datasets more effectively, reducing errors and improving data accuracy.
- Participants learned to use essential formulas and functions (SUM, AVERAGE, COUNT) and understand relative and absolute references. This knowledge is crucial for performing accurate calculations and analyses in their daily tasks.



Submitted by:

Prof. P. G. Angaitkar

Dr. A.S. Maneekar (HOD IT)

Date: 28/12/23

## Attendance Sheet

Date: 9/12/2023

Venue: Data Engineering Lab	
Sr. No	Na

~~Handwritten signature~~  
HOD, IT

HOD, IT



Shri Sant Gajanan Maharaj College of Engineering Shegaon

## *Certificate of Participation*

*This is Certify that **Mr. P N Nikhade** has successfully participated in the one day workshop  
On Mastering in Excel Organized by the Department of Information Technology , Shri Sant  
Gajanan Maharaj College of Engineering , Shegaon held on dated 9/12/2023.*

Dr. A. S. Manekar  
HOD IT  
SSGMCE Shegaon

Dr. S. B. Somani  
Principal  
SSGMCE Shegaon





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