



Pradnya Niketan Education Society's
**NAGESH KARAJAGI ORCHID COLLEGE OF
ENGINEERING & TECHNOLOGY, SOLAPUR**

NAAC Accredited, Approved by AICTE, New Delhi & Affiliated to DBATU, Lonere
E-mail : office@orchidengg.ac.in, Website : www.orchidengg.ac.in, Phone No. 9423084363
Post Box No. 154, Gut No. 16, Solapur-Tuljapur Road, Tale Hipparaga, Solapur- 413 002.

Mechanical Engineering Department

Report on

**One day Training on Practical Aspects of CNC Machining for Diploma Final Year
Students from Mechanical Engg.**

Name of Institute: S.E.S. Polytechnic, Solapur

Date: 6th November 2023

Venue: Inauguration and Theory Session – Solar Lab.

Practical Session – Product Innovation Center

Faculty Coordinator: Prof. A.S. Dhobale

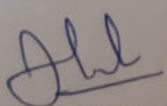
Time: 10.00 am to 5.00 pm

Number of Students Participated: 11

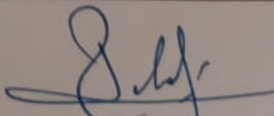
Number of Faculty participated: 03 (Prof. Nagesh Yemul, Prof. Sagar Shinde, Mr. S.P. Khyade)

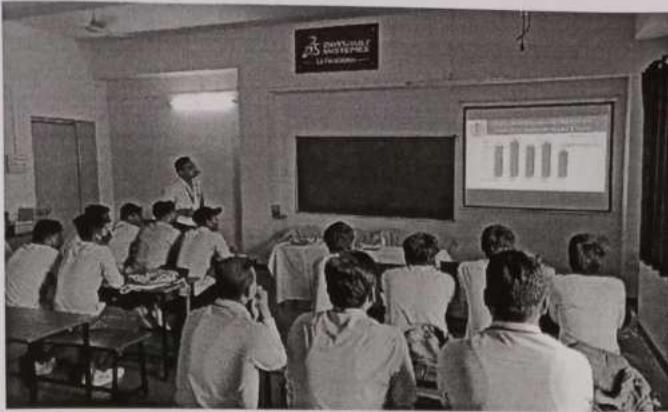
Schedule:

Time	Name of Faculty	Topics Covered
11.15 am to 11.45 am	Prof. S.S. Kale	Inauguration and Department Presentation
11.50 am to 1.45 pm	Prof. Y.B. Patil	Introduction to CNC, Elements of CNC, CNC Part Programming, G codes and M Codes, Part Program for simple turning operation
1.45 pm to 2.30 pm		Lunch Break
2.30 to 4.45 pm	Prof. A.S. Dhobale Prof. A.A. Nimbalkar Mr. A.A. Metkari	Practical Session Practical Comparison of Lathe and CNC Turning machine Specifications of CNC Turning Machine in Product Innovation Center All functions – Chuck operation, Tail Stock Operation, Mode selection with practical on all modes (Edit, SBK, Auto, MPG, Jog, ZRN), Tool mounting and identification, taking tool offset, CNC Turning example part program with actual run.

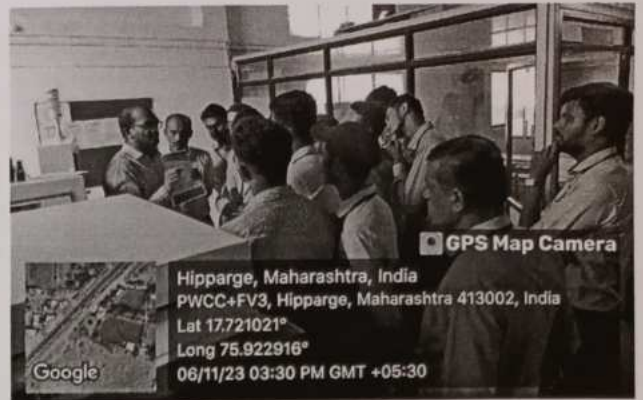

Prof. A.S. Dhobale
Coordinator




Prof. S.S. Kale
HOD Mech Dept.



Department Introduction by Prof. S.S. Kale



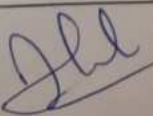
Practical Session – Prof. A.A. Nimbalkar and Prof. A.S. Dhobale



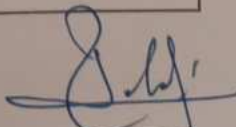
Practical Session – Prof. A.A. Nimbalkar and Prof. A.S. Dhobale



Group photo at the end of Training


Prof. A.S. Dhobale
Coordinator




Prof. S.S. Kale
HOD Mech Dept.



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Date:-06/11/2023

**Mechanical Engineering Department
A Y 2023-24 (SES Polytechnic Solapur)
One Day Workshop on CNC**

Sr. No.	Name of Student	Whatsapp No.	Sign
01	Deepak Rajshekhar Motgi	9307113075	
02	Dhishaj' kumar	6200414784	
03	Raju kumar	9608969052	
04	Nesari Ali	8207637537	
05	AKASH MAHESH GAVALI	7507464878	
06	Siddhant Waghmare	7822852299	
07	Vipul Suraj Babar	8855967299	
08	Aditya .P. Gambhire	9146250419	
09	Om .T. Gaikwad	8668831455	
10	Sahil Mendhe	9423817082	
11	Jagdish .krushnahari kota	9021802619	
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05/11/2023
Dhobale A.S.



2/11/23