



SHREEYASH PRATISHTHAN'S  
Shreeyash Technical Campus  
SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY



Department of Mechanical Engineering

Time-Table

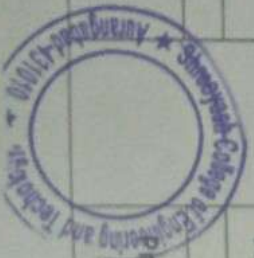
Short Term Course on CNC Programming and Operations

DATE	SESSION	CONTENTS
17/02/2022 (Thursday)	10:15 AM to 05:00 PM	Theory
18/02/2022 (Friday)	10:15 AM to 05:00 PM	Theory
21/02/2022 (Monday)	10:15 AM to 05:00 PM	Theory
22/02/2022 (Tuesday)	10:15 AM to 05:00 PM	Practical (Hands-on)
23/02/2022 (Wednesday)	10:15 AM to 05:00 PM	Practical (Hands-on)
24/02/2022 (Thursday)	10:15 AM to 05:00 PM	Practical (Hands-on)



Session Plan for One Week Training on- CNC Programming, and Operations

Day	Date/ Time	Session 1: 10:15 AM -12:15 PM	12.15 PM -01.00 PM	Session 2: 01.00 PM -- 03.00 PM	03.00 PM -- 03.15 PM	Session 3: 03.15 PM-05.00 PM
1	17-02- 2022	Introduction to CNC	LUNCH BREAK	Maintaining safe and secure working environment	TEA BREAK	Introduction to Engineering Drawing and its purpose
		Tasks and key competencies of a CNC Operator		Waste Management in Manufacturing		Elements of Engineering Drawing(Measurement, Dimensions, Angles, shapes etc )
2	18-02- 2022	Basic components of Engineering Drawing	LUNCH BREAK	Energy Conservation	TEA BREAK	Working of CNC machine
		Introduction to CNC Programming		Introduction to CNC Machining activities		Servo System of the CNC machine
3	21-02- 2022	CNC Machining Processes	LUNCH BREAK	Parts of CNC Machine	TEA BREAK	CNC Machining Operations: Introduction to CNC setup
		Arrangements of blocks in CNC Programming		Introduction to G-code and M-code and their functions		Procedure to operate CNC machine effectively
		Practical and Operation (Programming)		Program Format		Introduction to maintenance and its types
4	22-02- 2022	Practical and Operation (Programming)	LUNCH BREAK	CNC Programs	TEA BREAK	Importance of maintenance
		Practical and Operation (Turning)		Practical and Operation (Programming)		Practical and Operation (Programming)
5	23-02- 2022	Practical and Operation (Turning)	LUNCH BREAK	Practical and Operation (Turning)	TEA BREAK	Practical and Operation (Turning)
		Practical and Operation (Milling)		Practical and Operation (Milling)		Practical and Operation (Milling)
6	24-02- 2022	Practical and Operation (Milling)	LUNCH BREAK	Practical and Operation (Milling)	TEA BREAK	Practical and Operation (Milling)



















Shreeyash Pratishthan's

# Shreeyash College of Engineering & Technology, Aurangabad

Approved by AICTE (New Delhi) & DTE (Mumbai)  
Affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere



## Department of Mechanical Engineering

# Certificate of Participation

This is to certify that

Dr. Hulas. A. Jonday.

has actively participated and successfully completed the  
"Short Term Course on **CNC Programming & Operations**"

Organized by Department of Mechanical Engineering  
in association with MESA from 17<sup>th</sup> Feb. to 24<sup>th</sup> Feb. 2022.

*Amol*

Prof. A. N Shastri  
Course Co-ordinator

*[Signature]*

Prof. K. T. Patil  
H.M.E.D.

*[Signature]*

Dr. R. S. Pawar  
Principal