

# SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

(A Unit of Shri Sode Vadiraja Mutt Education Trust®, Udupi)

Accredited by NAAC with 'A' grade | Affiliated to VTU, Belagavi

Approved by AICTE, New Delhi & Recognized by Govt. of Karnataka

Vishwothama Nagar, Bantakal - 574115, Udupi District, Karnataka.



**SMVITM**

## Activity Request form

Academic Year	2021-22		
Department/Section/ Committee/Cell	Department of Mechanical Engineering		
Name of the Activity	Value added course on CNC Milling Machine		
Target Audience	4 <sup>th</sup> year ME students		
Activity Date(s)	17-20,23-24,May 2022	Time	--
Venue	CAD lab		
Resource Person	Mr. Lingaraj Ritti, Mr. Ananth Mohan Mallya, Mr. Shrikanth Shettigar		

Expected expenditure		
S. No.	Description	Amount
	Nil	Nil
<b>Total</b>		Nil

(Add rows if required)

Source of fund (Sponsorship/Registration fee)		
S. No.	Description	Amount
	Nil	Nil
<b>Total</b>		Nil

(Add rows if required)

Financial support required from the Institute	Nil
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<b>Name of the Department ISTE Coordinator</b>	<b>Signature with date</b>
Dr. Gajanan Anne. <b>Name of the HoD</b>	<i>[Signature]</i> <b>Signature with date</b>

SHRI MADHWA VADIRAJA  
INSTITUTE OF TECHNOLOGY & MANAGEMENT  
Vishwothama Nagar, Udupi Dist.  
BANTAKAL - 574 115

Dept. of Mechanical Engg.  
SMVITM, BANTAKAL 574115

Remarks by IQAC

May be conducted

  
Signature 14/5/22

Remarks by Principal

permitted msop

Signature



Principal

SHRI MADHWA VADIRAJA  
INSTITUTE OF TECHNOLOGY & MANAGEMENT  
Vishwothama Nagar, Udupi Dist.  
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Vishwothama Nagar, Bantakal-574 115, Udupi District, Karnataka, INDIA

**DEPARTMENT OF MECHANICAL ENGINEERING**



**SMVITM**

Dr. Gajanan Anne  
Associate Professor & HOD

05 May 2022

Mr. Lingaraj K Ritti  
Mr. Ananth Mohan Mallya  
Mr. Shrikanth Shettigar  
Department of Mechanical Engineering  
SMVITM, Bantakal

Dear sir,

Subject: Requisition to be a resource person for value added program on  
"CNC Milling Machine"

With reference to above, Department of Mechanical Engineering is planning  
organize a value added program on "CNC Milling Machine" in the month of May  
2022. I am here requesting you to be a resource person for the program.

Thank you.

  
Associate Prof & Head  
Dept. of Mechanical Engg.  
SMVITM, BANTAKAL 574115



CC to:

1. Mr. Lingaraj K Ritti
2. Mr. Ananth Mohan Mallya
3. Mr. Shrikanth Shettigar
4. Office Assistant (Mechanical) - To file

  
Principal  
SHRI MADHWA VADIRAJA  
INSTITUTE OF TECHNOLOGY & MANAGEMENT  
Vishwothama Nagar Udupi Dist.  
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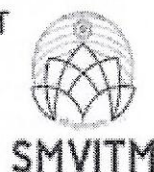
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## Activity Report

Academic Year	2021-22
Name of the Program	Six days value aided program on CNC milling machine
Target Audience	4 <sup>th</sup> year students of Mechanical Engineering
Resource Person	Mr. Lingaraj Ritti Mr. Ananth Mallya Mr. Shrikanth Shettigar
Number of Participants	13


The Department of Mechanical Engineering in association with the Yantrika club of SMVITM Udupi organized a value-added training program on CNC milling machine for 4th-year students of Mechanical Engineering from 17/05/2022 to 20, 23,24/05/2022.

During the first half of the training program, the students were encouraged to write the CNC programs using G codes and M codes in CNC mill software. The resource persons gave an overall idea about how to write the program for the specific applications.

The students wrote the CNC program to emboss the letters on acrylic sheets and a simulation of the same program was carried out in CNC Mill software in presence of resource persons and lab assistants.

During the second part of the training program, each student worked on the CNC milling machine and embossed nameplates of their own choice were fabricated successfully under the guidance of resource persons and Mr. Shrikanth Shettigar lab Assistant department of mechanical engineering.

Special thanks to Management, Principal, HOD, and Mr. Vignesh Kalathur for their support to conduct the training program.

  
Principal  
SHRI MADHWA VADIRAJA  
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## List of Students participated in training program

SL No	USN	Student name
1	4MW17ME055	SANATH KAMATH
2	4MW18ME008	GAURAV S ACHARYA
3	4MW18ME020	RAJATH KUMAR
4	4MW18ME017	NIKHIL SHETTY
5	4MW17ME026	MANISH M J
6	4MW18ME019	PAI SUJAY MOHAN
7	4MW18ME015	NAGESH
8	4MW18ME006	DHANISH H AMIN
9	4MW18ME018	NIKHILESH
10	4MW17ME033	MOOLYA JATHIN JAYA
11	4MW18ME011	K DAMODHAR BHAT
12	4MW18ME016	NANDANA S S
13	4MW18ME028	TUSHAR G SHENOY

*Amcopy*  
Principal

SHRI MADHWA VADIRAJA  
INSTITUTE OF TECHNOLOGY & MANAGEMENT  
Vishwothama Nagar, Udupi Dist.  
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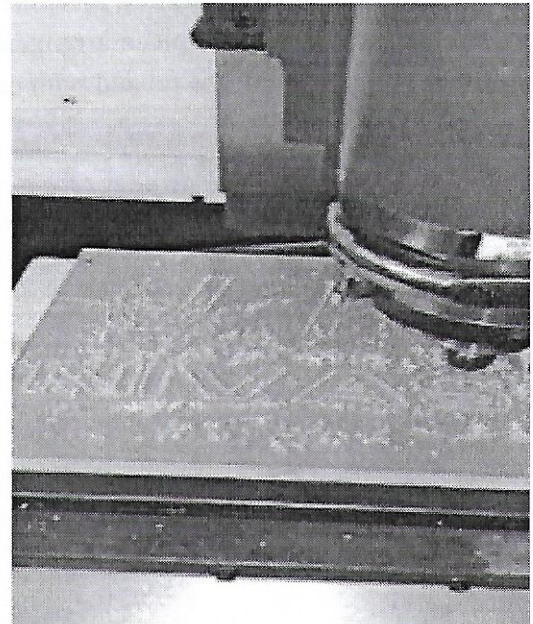
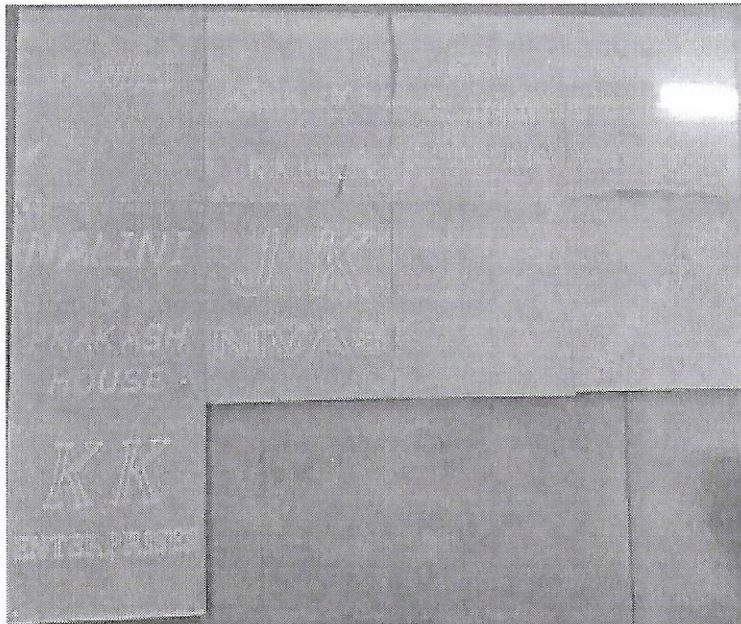
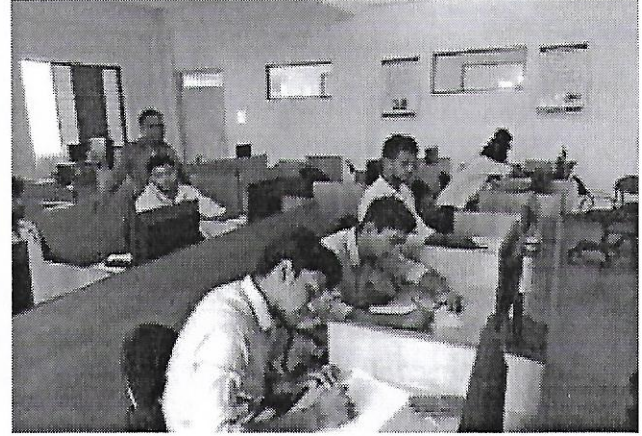
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**SMVITM**



Latitude	13.254242°
Longitude	78.785666°

*Princip*

Principal

SHRI MADHWA VADIRAJA  
INSTITUTE OF TECHNOLOGY & MANAGEMENT  
Vishwothama Nagar, Udupi Dist.  
BANTAKAL - 574 115

*Assoc*

Associate Prof & Head  
Dept. of Mechanical Engg  
SMVITM, BANTAKAL 574115



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## Syllabus

### Computer Numerical Control:

Introduction, components of CNC, CNC programming, Manual part programming using G Codes, M Codes, Programming of letters in turning, drilling and milling operations, Programming with canned cycle. Cutter radius compensations


Introduction to CNC milling machine, precautions taken during the machining, Tool attachment and detachment, work piece arrangements, leveling of working table, writing programs directly on machine, operations related with coolants, cleaning of machine after the operation.

  
Associate Prof & Head  
Dept. of Mechanical Engg.  
SMVITM, BANTAKAL 574115

Anoop

DEPARTMENT OF MECHANICAL ENGINEERING								
CNC HANDS-ON WORKSHOP TRAINING MAY 2022 ATTENDANCE								
Sl no	USN	Name	17/05	18/05	19/05	20/05	23/05	24/05
1	4MW18ME019	PAI SUJAY MOHAN	P	P	P	P	-	-
2	4MW18ME008	GAURAV S ACHARYA	P	P	P	P	-	-
3	4MW18ME020	RAJATH KUMAR	P	P	P	P	-	-
4	4MW18ME017	NIKHIL SHETTY	P	P	P	P	-	-
5	4MW17ME026	MANISH M J	P	P	P	P	-	-
6	4MW18ME011	K DAMODHAR BHAT	P	P	P	P	-	-
7	4MW17ME055	SANATH KAMATH	P	P	P	P	-	-
8	4MW18ME015	NAGESH	P	P	P	P	-	-
9	4MW18ME006	DHANISH H AMIN	P	P	-	-	P	P
10	4MW18ME018	NIKHILESH	P	P	-	-	P	P
11	4MW17ME033	MOOLYA JATHIN JAYA	P	P	-	-	P	P
12	4MW18ME016	NANDANA S S	P	P	-	-	P	P
13	4MW18ME028	TUSHAR G SHENOY	P	P	-	-	P	P

  
 Principal  
 SHRI MADHWA VADIRAJA  
 INSTITUTE OF TECHNOLOGY & MANAGEMENT  
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 Associate Prof & Head  
 Dept. of Mechanical Engg.  
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**SMVITM**

# CERTIFICATE

This is to certify that, *Sanath Kamath* Of Mechanical Engineering Department has successfully completed Add-on course on CNC MILLING MACHINE held at Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal. On 17-20,23-24,May 2022

*for* *N. Y. Tadav.*  
**DR. GAJANAN ANNE**  
Associate Prof & Head  
Dept. of Mechanical Engg.  
SMVITM, BANTAKAL 574115

*Arscor*  
Principal  
SHRI MADHWA VADIRAJA  
INSTITUTE OF TECHNOLOGY & MANAGEMENT  
Vishwothama Nagar, Udupi Dist.  
BANTAKAL - 574 115

*Arscor*  
**DR. THIRUMALESHWARA BHAT**  
Principal, SMVITM  
Principal  
SHRI MADHWA VADIRAJA  
INSTITUTE OF TECHNOLOGY & MANAGEMENT  
Vishwothama Nagar, Udupi Dist.  
BANTAKAL - 574 115



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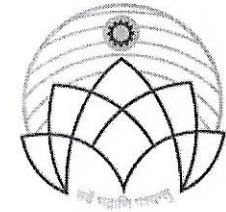
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## SMVITM

## CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT

NIKHIL SHETTY

bearing the USN

4MW18ME017

of 8th Sem ME has actively participated in a TWO DAY HANDS-ON CNC TRAINING WORKSHOP held on 06 and 08 June 2022 organised by the DEPARTMENT OF MECHANICAL ENGINEERING.

Co-ordinator

Dean IQAC

Principal

Principal

SHRI MADHWA VADIRAJA  
INSTITUTE OF TECHNOLOGY & MANAGEMENT  
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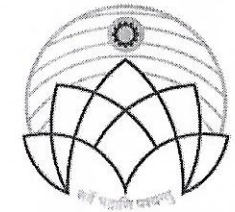
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## SMVITM

## ■ CERTIFICATE OF PARTICIPATION ■

THIS IS TO CERTIFY THAT

TUSHAR G SHENOY

bearing the USN

4MW18ME028

of 8th Sem ME has actively participated in a TWO DAY HANDS-ON CNC TRAINING WORKSHOP held on 07 and 09 June 2022 organised by the DEPARTMENT OF MECHANICAL ENGINEERING.

Co-ordinator

Dean IQAC

Principal

Principal

SHRI MADHWA VADIRAJA  
INSTITUTE OF TECHNOLOGY & MANAGEMENT  
Vishwothama Nagar, Udupi Dist.  
BANTAKAL - 574115

Dr. Gajanan Anne  
Associate Professor and Head

25<sup>th</sup> May, 2022

Mr. Ananth Mohan Mallya  
Department of ME  
SMVITM, Bantakal

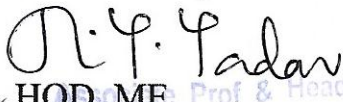
Dear Sir,

**Sub: Letter of Appreciation**

This is to place on record my sincere appreciation and compliments to Mr. Ananth Mohan Mallya for conducting a Value-Added Course on "CNC Milling Machine" held between 17/05/2022 to 24/05/2022 in the institute premises for the benefit of students. The course went on well and received much appreciation from the students.

Thanking you

With best regards

*for*   
HOD, ME Prof & Head 25/05/2022  
Dept. of Mechanical Engg  
SMVITM, BANTAKAL 574115

  
Principal  
SHRI MADHWA VADIRAJA  
INSTITUTE OF TECHNOLOGY & MANAGEMENT  
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