



VEMU INSTITUTE OF TECHNOLOGY

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Tirupathi – Chittoor Highway, P.Kothakota, Pakala – 517 112.

DEPARTMENT OF MECHANICAL ENGINEERING

VEMU/ME/2020-21/Technical staff

Date: 18/10/2020

Circular

It is here by informed to all the technical staff of ME that there is a Two days workshop on “CNC PROGRAMMING” from **20/10/2020&21/10/2020**. Hence all the technical staff are instructed to participate in the workshop without fail.

Venue: CAD/CAM Lab.

Time: 10.00 am to 1.00 pm

1.50 pm to 4.00 pm

Copy To: The Principal Desk,

The Staff In-charge,

Circulate among ME Technicians.

HOD - ME

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**DEPARTMENT OF ME
VEMU INSTITUTE OF TECHNOLOGY
P. KOTHAKOTA - 517 112**



VEMU INSTITUTE OF TECHNOLOGY


P. Kotha Kota, Chittoor (Dt.), Andhra Pradesh-517 112.

A TWO DAYS WORKSHOP ON NON-TEACHING STAFF SKILL DEVELOPMENT PROGRAM

ACADEMIC YEAR: 2020-2021

Topic: CNC Programming

Day & Date	9:30AM to 10:30AM	10:30AM to 12:45PM	12:45PM to 1:45PM	2:00PM to 3:20PM
Day-1 20-10-2020	Inauguration	Basic Knowledge on CNC Machine Dr Ganugapenta Ramesh Associate Professor Department of ME	BREAK	Programming on CNC machine
Day-2 21-10-2020	Practice on CNC machine		BREAK	Practice on CNC machine


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DEPARTMENT OF MECHANICAL ENGINEERING

Workshop Attendance

Title: Two Days Work Shop On CNC Programming

Date: 20-10-2020 & 21-10-2020

Resource Person: Dr. G. RAMESH, Associate Professor, Dept. of ME,
Vemu it.

S.No	Name of the Staff	Signature	
		20-10-2020	21-10-2020
1.	N. Bala Krishna		
2.	S.V. BHANU CHANDAR		
3.	D. PRASANTH		
4.	T. Malhan		
5.	P. Gopi		
6.	M.K. EAKAMBARAM		

COORDINATOR(S)

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VEMU INSTITUTE OF TECHNOLOGY
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Department of Mechanical Engineering

REPORT

Work Shop: A Two Days Work Shop On CNC Programming

Date: 20-10-2020 & 21-10-2020

Resource Person: Dr G Ramesh, Associate Professor, Department of ME, Vemu Institute of Technology, P. Kothakota.

Targeted staff: ME Technical staff

OBJECTIVE

The objective of CNC machining is to **create a prototype by cutting a block of material into a specific shape**. CNC machining boasts both financial and production advantages over manufacturing alternatives like conventional machining and 3D printing. It is more cost-effective, more accurate, and a faster process overall.

CNC part programming involves **a series of coded instructions that are required to produce a part**. The program controls the machine tool movements and controls auxiliary functions including spindle, coolant, and rotation. The program describes work that should be done on a part in the format required by CNC software.

OUT COME

In this work shop we will understand the operating on CNC machine and we will learning machine control codes like miscellaneous(M-Codes) and preparatory(G-codes), this codes used to developing the part program or instructions that are required to a produce a part and We have getting knowledge on machine control Unit, multiple machining operations, simulation and it is more cost-effective, accurate, and a faster process


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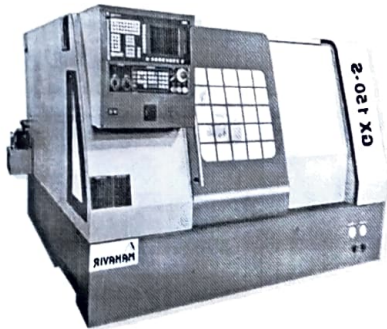
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P. Kotha kota, Chittoor (Dt) - 517112

DEPARTMENT OF MECHANICAL ENGINEERING

Two Days Workshop On CNC Programming



Resource Person

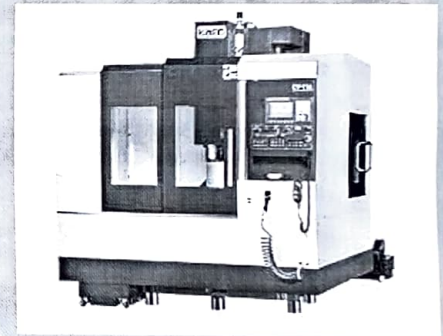
Dr. G RAMESH

Associate Professor

Dept. of ME

VEMU IT

Venue: CAD/CAM LAB



Date: 20th to 21st OCT 2020, Timings: 9 AM to 4 PM

Dr K V N V N RAO

H.O.D/ME

Dr.NAVEEN KILLARI


Principal




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DEPARTMENT OF MECHANICAL ENGINEERING

Certificate of Participation

This is to certify that Mr./Mrs./Ms. N. BALA KRISHNA

from VEMU INSTITUTE OF TECHNOLOGY

has participated in Two Days Workshop on "CNC PROGRAMMING" Organized by the Department of Mechanical Engineering, VEMUIT P.Kothakota, Chittoor Dist, Andhra Pradesh -517 112. from 20-10-2020 to 21-10-2020.


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DEPARTMENT OF MECHANICAL ENGINEERING

Certificate of Participation

This is to certify that Mr./Mrs./Ms. T. MOHAN

from VEMU INSTITUTE OF TECHNOLOGY

has participated in Two Days Workshop on "CNC PROGRAMMING" Organized by the Department of Mechanical Engineering, VEMUIT P.Kothakota, Chittoor Dist, Andhra Pradesh -517 112. from 20-10-2020 to 21-10-2020.


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