



# VEMU INSTITUTE OF TECHNOLOGY

Approved by AICTE-New Delhi, Permanently Affiliated to JNTUA  
Accredited by NAAC, Recognized by 2(F) & 12(B) UGC Act.,  
An ISO 9001:2015 Certified Institution.

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

**DEPARTMENT OF MECHANICAL ENGINEERING**

VEMU/ME/2017-18/Technical staff

**Date:** 01/07/2017

## Circular

It is here by informed to all the technical staff of ME that there is a workshop on “**Hands on Experience on CNC Machine**” on **04/07/2017&05/07/2017**.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**  
**HEAD**

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

N. Bala Krishna

S.V. Bhomy Chandan

Raja Shkar

Sai Lokesh

T. Mohan

MK Bala Mohan

D. Jodha

P. Gopi



# 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: 2017-2018

Topic: Hands on Experience on CNC Machine

Day & Date	9:30AM to 10:30AM	10:30AM to 12:45PM	12:45PM to 1:45PM	2:00PM to 3:20PM
Day-1 04-07-2017	Inauguration	Basic Knowledge on CNC Machine Mr Ganugapenta Ramesh Assistant Professor Department of ME	BREAK	Practice on CNC machine
Day-2 05-07-2017	Practice on CNC machine		BREAK	Practice on CNC machine

  
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DEPARTMENT OF MECHANICAL ENGINEERING

### Workshop Attendance

**Title:** Hands On Experience On CNC Machine.

**Date:** 04-07-2017 & 05-07-2017.

**Resource Person:** Mr. G. RAMESH, Assistant Professor, Dept. of ME.

S.No	Name of the Staff	Signature	
		04-07-2017	05-07-2017
1	N. Balakrishna	N. Balakrishna	N. Balakrishna
2	I. P. Gopi	I. P. Gopi	I. P. Gopi
3	D. PRASANTH	D. PRASANTH	D. PRASANTH
4	S.V. BHANU CHANDAR	S.V. BHANU CHANDAR	S.V. BHANU CHANDAR
5	M.K. EACAMBARAM	M.K. EACAMBARAM	M.K. EACAMBARAM
6	T. MOHAN	T. MOHAN	T. MOHAN
7	D. JASHUVA	D. JASHUVA	D. JASHUVA
8	ESAI LOKESH	ESAI LOKESH	ESAI LOKESH
9	RAJA SEKHAR.	RAJA SEKHAR.	RAJA SEKHAR.

COORDINATOR(S)

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P. KOTHAKOTA - 517 112



**Department of Mechanical Engineering**

**REPORT**

**Work Shop:** A Two Days Work Shop On Hands on Experience on CNC Machine

**Date:** 04-07-2017 & 05-07-2017

**Resource Person:** Mr G.Ramesh, Assistant Professor, Department of ME, Vemu Institute of Technology, P. Kothakota.

**Targeted staff:** 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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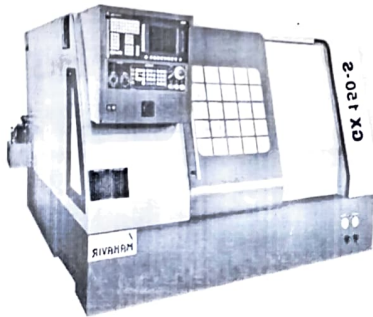
# VEMU INSTITUTE OF TECHNOLOGY :: P.KOTHAKOTA

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P. Kotha kota, Chittoor (Dt) - 517112

## DEPARTMENT OF MECHANICAL ENGINEERING

# Two Days Workshop On Hands On Experience On CNC Machine



Resource Person  
**Mr. G RAMESH**  
Assistant Professor  
Dept. of ME  
VEMU IT



Venue: CAD/CAM LAB

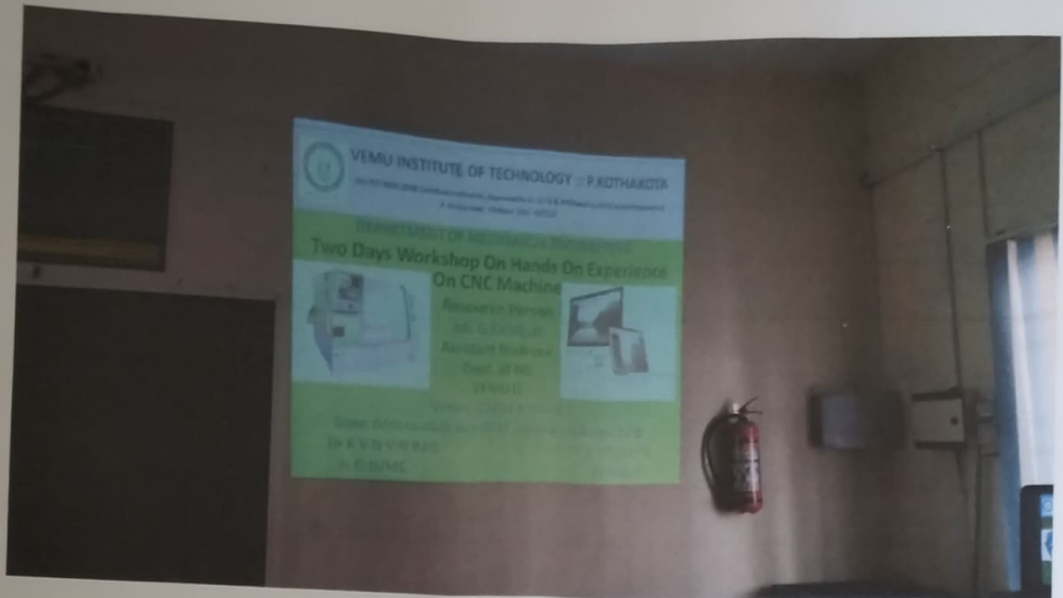
Date: 04th to 05th July 2017, Timings: 9 AM to 4 PM

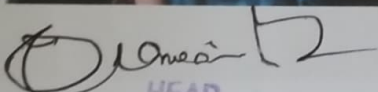
Dr K V N V N RAO

H.O.D/ME

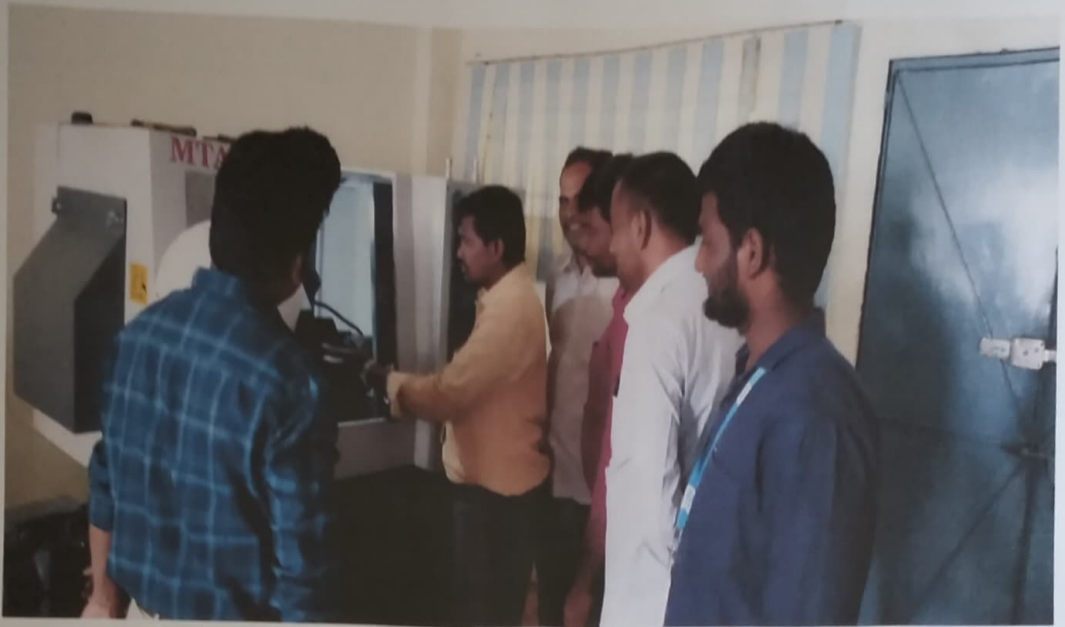
Dr.D.OBULESU

Principal



  
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**VEMU INSTITUTE OF TECHNOLOGY**  
Department of Mechanical Engineering

# Certificate of Participation

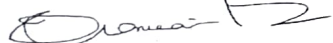
This certificate is proudly awarded to

T MOHAN

*Has actively Participated and Completed Two days workshop on*

**Hands on experience on CNC Machine**

*(04-07-2017 to 05-07-2017)*




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**VEMU INSTITUTE OF TECHNOLOGY**  
Department of Mechanical Engineering

# Certificate of Participation

This certificate is proudly awarded to

**N BALAKRISHNA**

*Has actively Participated and Completed Two days workshop on*  
**Hands on experience on CNC Machine**  
*(04-07-2017 to 05-07-2017)*

  
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