



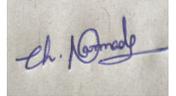
Anand Nagar, Krishnankoil - 626126, Srivilliputtur (via), Virudhunagar District, Tamilnadu.

**APPLICATION FOR ADMISSION TO Ph.D. PROGRAMMES**

Date of Application:24-12-2020

Department	MECHANICAL ENGINEERING	Application No.	202020191
Area of Research	CADCAM	Research Mode	PART TIME

**Name** :CH.NARMADA  
**Date of Birth / Age** :09-08-1991 / 29 Years  
**Gender** :FEMALE  
**Category** :OBC  
**e-Mail ID** :narmada.ch315@gmail.com  
**Mobile** :9948805805



<b>Father's/Husband's Name</b>	CH.ANJALIAH	<b>Father's/Husband's Occupation</b>	FARMER
<b>Family Income</b>	300000	<b>Residential Type</b>	RURAL
<b>Birth Place</b>	CHOUTUPPAL	<b>Mother Tongue</b>	TELUGU
<b>Religion</b>	HINDU	<b>Martial Status</b>	SINGLE
<b>Aadhaar No.</b>	409656064292	<b>PAN No.</b>	AXWPC7228F
<b>Physically Challenged</b>	NO	<b>Type of Disability</b>	-
<b>Address for Communication:</b> 1-210, BHARATH NAGAR, CHOUTUPPAL YADADRI BHUVANAGIRI DISTRICT TELANGANA INDIA Pin-508252		<b>Permenant Address:</b> 1-210, BHARATH NAGAR, CHOUTUPPAL YADADRI BHUVANAGIRI DISTRICT TELANGANA INDIA Pin-508252	

Qualification						
Degree	Discipline	College/university	Year Passed	AVG/CGPA	Class	Mode
B.TECH	MECHANICAL	JNTUH	2013	73.3	DISTINCTION	REGULAR
M.TECH	CAD/CAM	JNUTH	2015	77.3	DISTINCTION	REGULAR

Experience					
Organization	Designation	Experience From	Experience TO	Work Nature	
ST.MARRYS ENGG AND TECHNOLOGY	ASSISTANT PROF	2015-12-18	1970-01-01		

Payment Details				
Transaction ID	Reference	Date of transaction	Amount	Status
202020191_201224151455	VSBI9590641022	24-12-2020	600	SUCCESS

# Optimization of turning parameters in CNC machining using Taguchi Approach

Abstract— Turning operation is the most common and widely used machining operation. The modern way is to use CNC machines for turning operation which provides a precise control on operating parameters. Step turning using CNC machines is widely used operation among the manufacturing of automotive and aerospace components. Such applications require high quality products with no or minimum post operations. Therefore, it is required to obtain the optimum values of various controllable input parameters that can give optimum desired output. Taguchi method is an extensively used method for this purpose, which provides optimum output from minimum number of experiments which alters the output. Present work is to find the optimum surface roughness for the three input parameters of spindle speed, depth of cut and feed rate. By this approach process parameter and their optimal settings is investigated. During machining operation influence of process parameter and their interaction during machining is also analyzed. This has been reported that depth of cut is the most influencing parameter on surface roughness.

Keywords— Turning operation, Optimization, CNC, Surface roughness, Taguchi methods

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 1076329



H.T No.: **13K91D0409**

College Code : K9 ( T K R C E, MEDBOWLI )

*Ms. Chintakindi Narmada*  
*D/o. Chintakindi Anjaiah*

having fulfilled the academic requirements and passed the examination held during *August, 2015* in *First Class with Distinction* has this day been admitted by the Executive Council to the Degree of

*Master of Technology*  
*CAD / CAM*

Given under the Seal of the University

Date: 21-04-2017



*[Signature]*

DIRECTOR OF EVALUATION

*[Signature]*

REGISTRAR

*[Signature]*

VICE CHANCELLOR

CMM No  
20224007839



46107001891

PC No  
30224003964

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS521763



H.T No. : 097Q1A0315

College Code : 7Q ( BGI, ABDULLAPUR )

*Ms. Chintakindi Narmada*  
*D/o. Ch Anjaiah*

having fulfilled the academic requirements and passed the examination held during *May, 2013* in *First Class With Distinction* has this day been admitted by the Executive Council to the Degree of

*Bachelor Of Technology*  
*Mechanical Engineering*

Given under the Seal of the University

Date: 04-09-2014



DIRECTOR OF EVALUATION

REGISTRAR

VICE CHANCELLOR

CMM No  
21073001856



4520107331806

PC No  
31073001961



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
HYDERABAD - 500 085, TELANGANA STATE, INDIA.



**CONSOLIDATED MARKS MEMO / CREDIT SHEET**

**M.Tech. CAD/CAM**

CMM. No. : **c 0655120**

Serial No. : 20224007839

Name : **CHINTAKINDI NARMADA**

Hall Ticket No. : **13K91D0409**



Name of the College : **T K R C E, MEDBOWLI**

Month & Year of Final Exam : **August, 2015**

Year of Admission : **2013-2014**

Class Awarded : **FIRST CLASS WITH DISTINCTION**

S.No	SUBJECT TITLE	INT	EXT	Total	Pass(P)/Fail(F)
		MARKS	MARKS	MARKS	
	Maximum Marks in Theory	40	60	100	
	Maximum Marks in Lab	40	60	100	

**I SEMESTER**

1	PRECISION ENGINEERING	36	41	77	P
2	DESIGN FOR MANUFACTURING AND ASSEMBLY	37	35	72	P
3	ADVANCED CAD	35	37	72	P
4	ADVANCED FINITE ELEMENT ANALYSIS	27	24	51	P
5	ADVANCED MECHANICS OF SOLIDS	38	55	93	P
6	TOTAL QUALITY MANAGEMENT	38	47	85	P
7	COMPUTER AIDED DESIGN LAB	36	48	84	P
8	SEMINAR	46	-	46	P

**II SEMESTER**

1	DESIGN OF HYDRAULICS AND PNEUMATICS SYSTEMS	36	24	60	P
2	FLEXIBLE MANUFACTURING SYSTEMS	37	49	86	P
3	COMPUTER AIDED MANUFACTURING	36	38	74	P
4	INDUSTRIAL ROBOTICS	38	34	72	P
5	AUTOMATION IN MANUFACTURING	38	39	77	P
6	COMPUTER AIDED PROCESS PLANNING	39	24	63	P
7	COMPUTER AIDED MACHINING AND ROBOTICS LAB	35	49	84	P
8	SEMINAR	45	-	45	P

**III SEMESTER**

1	COMPREHENSIVE VIVA	-	96	96	P
(Comprehensive VIVA External= 100)					

**IV SEMESTER**

1	PROJECT WORK*	-	C	-	P
(* A - Excellent, B - Good, C - Satisfactory, D - Un Satisfactory)					

Aggregate Marks Secured **1237** OUT OF 1600 (77.31%)

Date of Issue : **October 7, 2015**

(see overleaf for Rules concerned to award of class)



(\*Courses registered but not counted for calculation of aggregate)

*Aras Kumar Singh*  
**CONTROLLER OF EXAMINATIONS**





ORIGINAL

# TKR College of Engineering & Technology

S.No. 1220

(Sponsored by TKR Educational Society, Approved by AICTE, Affiliated by JNTU)  
Accredited by NBA

Medbowli, Meerpet, Saroornagar, Hyderabad - 500 097, A.P.

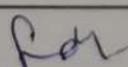
College Code : K9

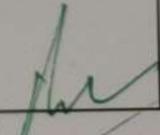
## TRANSFER CERTIFICATE

Roll No. 13K91D0409.....

Dated 12-11-2015

1. Student's Name	:	CHINTAKINDI NARMADA
2. Father's Name	:	CHINTAKINDI ANJALIAH
3. OC / BC / SC / ST to which the student belongs	:	BC-B
4. Date of birth in figures	:	09-08-1991 in words :
5. Place of birth	:	CHOUTUPPAL
6. Date of admission to the college	:	08-08-2013 Class : M.Tech 3 <sup>rd</sup> yr CAD/CAM
7. Date of leaving the college	:	07-10-2015 Class : M.Tech 3 <sup>rd</sup> yr CAD/CAM
8. Course completed or not	:	COMPLETED
9. Dues	:	
10. Conduct	:	GOOD
11. General Remarks	:	-

  
Superintendent

PRINCIPAL  
TKR College of Engineering & Technology  
Medbowli, Meerpet, Hyderabad  
  
Principal



# ASHOKA

Cell : 91 92462 42022

## Institute of Engineering & Technology

(Approved by AICTE, New Delhi; Recognized by the Govt. of TS & Affiliated to JNTU, Hyd.)  
Malkapur (V), Choutuppal (M), Yadadri Bhuvanagiri Dist.-508 252 (TS)

Date: 24/12/2020

### EXPERIENCE CERTIFICATE

This is to certify that **Ms.Ch.Narmada** worked as a Assistant Professor in the Department of **Mechanical Engineering** in **ASHOKA INSTITUTE OF ENGINEERING&TECHNOLOGY** from **05-JANUARY-2017** to till dated.

she is found sincere and hardworking and bears good character.



  
24.12.20  
PRINCIPAL

PRINCIPAL  
ASHOKA Institute of Engineering & Technology  
MALKAPUR (V), CHOUTUPPAL (M),  
YADADRI-BHUVANAGIRI (DIST)-508 252

आयकर विभाग

भारत सरकार

INCOME TAX DEPARTMENT

GOVT. OF INDIA

CHINTAKINDI NARMADA  
ANJIAH

09/08/1991

Permanent Account Number

AXWPC7228F

*Ch. Anjiah*

Signature





భారత ఎన్నికల సంఘము  
గుర్తింపుకార్డు

**ELECTION COMMISSION OF INDIA  
IDENTITY CARD**

HVR3254661



ఓటరు పేరు : చింతకింది నర్మద

Elector's Name : Chinthakindi Narmada

తండ్రి పేరు : అంజయ్య

Father's Name : Anjaiah

లింగము / Sex : స్త్రీ / F

FORM IIIA

(Annexure to G.O.Ms.No.5, Scheduled Castes Development (POA.A2), Department, dated 08.08.2014.)



District Code:23  
Mandal Code:19  
Village Code:

Serial No,  
S.C

S.T

B.C ✓

Certificate No; E/743/2015

COMMUNITY AND DATE OF BIRTH CERTIFICATE

1) This is to certify that Sri / Smt / Kum Chintakindhi Narmada Son / daughter  
Of Sri Ansaiah of choutuppal Village  
/ Town choutuppal Mandal Nalgonda District  
of Telangana State belongs to "troud" Community which is  
Recognized as S.C/S.T / B.C under.

The Constitution (Scheduled Castes) Order, 1950  
The Constitution (Schedule Tribes) Order, 1950

G.O Ms.No.1793, Education, dated 25.09.1970 is amended from time to time. (P.C.S)  
S.Cs., S.Ts ,list (Modification) Order, 1956, S.Cs. and S.Ts. (Amendment) Act, 1976

2) it is certified that the date of birth of Sri / Smt / Kum chintakindhi Narmada  
Day 09 Month 08 Year 1991 (in words) under the  
Declaration given by his / her father / mother / guardian and as entered in the school  
records where he/she studied.



Signature: [Signature]  
Date: 23/3/15  
Name in Capital Letters: [Name]  
Designation: **TAHSILDAR**

**CHOUTUPPAL MANDAL  
NALGONDA DIST**

Explanatory Note: while mentioning the community, the Competent Authority must mention  
The sub-caste (in case of Scheduled Castes) and sub-tribe or sub-group  
(in case of Scheduled Tribes) as listed out in the S.Cs., and S.Ts.  
(Amendment) Act, 1976.



# ASHOKA

Cell : 91 92462 42022

## Institute of Engineering & Technology

(Approved by AICTE, New Delhi; Recognized by the Govt. of TS & Affiliated to JNTU, Hyd.)  
Malkapur (V), Choutuppal (M), Yadadri Bhuvanagiri Dist.-508 252 (TS)

### CERTIFICATE FROM THE ORGANISATION WHERE THE CANDIDATE IS EMPLOYED

Certified that Mr./Ms./Mrs. ch. Naymada is  
employed as Assistant Professor (Designation) in the  
Mechanical (Department/Division Name)  
of Ashoka Institute of Engg & Tech  
(Institution/Industry Name).

We have no objection in forwarding his/her application for the Ph.D. Research Programme.

#### FOR FULL TIME:

The candidate will be sanctioned leave for the duration of the research programme and will be relieved from duty from \_\_\_\_\_ to \_\_\_\_\_ to undertake the full time research work in the University.

#### FOR PART TIME:

The candidate will be permitted to undertake part time study in the University/College and will be allowed to be present for discussions with the supervisor, attending course works, conduct of experiments and participations in seminars and related presentations. Further the required facilities at our organization will also be provided to the candidate for doing research.

Date: 24/12/2020

Signature of the Head of Organization with \_\_\_\_\_

24.12.2020  
**PRINCIPAL**  
ASHOKA Institute of Engineering & Technology  
MALKAPUR (V), CHO  
YADADRI-BHUVANAGIRI (Dist. ...)  
E-mail : contactus@ashoka.ac.in

Web : [www.ashoka.ac.in](http://www.ashoka.ac.in)

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