



www.gnithyd.ac.in

# GURU NANAK INSTITUTE OF TECHNOLOGY

**City Office:** B2, 2<sup>nd</sup> Flr, Above Bata, Vikrampuri Colony, Karkhana Road, Secunderabad-50009, Telangana, India.  
Ph: +91-40-6632 3294, 6517 6117, Fax: +91-40-2789 2633

**Campus:** Ibrahimpatnam, R.R. District, Hyderabad-501506, Telangana, India. Ph: (0/95) 8414-20 21 20/21

Date: 11.02.2019

## CIRCULAR

Technical Training for III B. Tech students are starting from 25<sup>th</sup> Feb, 2019 onwards. All HODs and Placements coordinators have to manage the trainings and ensure 95% attendance all through the sessions.

All Mentors need to send the compiled feedback report to Dr.B.Vijaya Kumar, HOD at [hodme.gnit@gniindia.org](mailto:hodme.gnit@gniindia.org) daily. Mentors are advised to take care of PNR (Students not participating in training).

### Agenda:

Introduction to CNC Proramming

  
HOD-ME



Accredited by  
National Board of Accreditation  
(CSE, ECE, ME)



Approved by  
AICTE - New Delhi



Affiliated to  
JNTU - Hyderabad

Hyderabad's First  
campus to become  
  
GOLD PARTNER



# GURU NANAK INSTITUTE OF TECHNOLOGY

**City Office:** B2, 2<sup>nd</sup> Flr, Above Bata, Vikrampuri Colony, Karkhana Road, Secunderabad-50009, Telangana, India.  
Ph: +91-40-6632 3294, 6517 6117, Fax: +91-40-2789 2633

www.gnithyd.ac.in

**Campus:** Ibrahimpatnam, R.R. District, Hyderabad-501506, Telangana, India. Ph: (0/95) 8414-20 21 20/21

## SYLLABUS FOR CNC PROGRAMMING

SNO.	TOPIC COVERED	DURATION (Hours)
1	CNC production philosophy and equipment	3
2	Coordinate systems – cartesian and polar	3
3	Absolute and incremental movement	3
4	Cutting speeds for milling and drilling	3
5	Drawing basic stock shapes using geometric methods	3
6	Adding features to the stock	3
7	Generating tool paths	3
8	Generating G-code from the tool paths	3
9	Mill operation	3
10	Assembly Process	3
11	Profile Checking	3

  
HOD-ME



Accredited by  
National Board of Accreditation  
(CSE, ECE, ME)



Approved by  
AICTE - New Delhi



Affiliated to  
JNTU - Hyderabad

Hyderabad's First  
campus to become  
  
GOLD PARTNER



## GURU NANAK INSTITUTE OF TECHNOLOGY

City Office: B2, 2<sup>nd</sup> Flr, Above Bata, Vikramপুরi Colony, Karkhana Road, Secunderabad-50009, Telangana, India.  
Ph: +91-40-6632 3294, 6517 6117, Fax: +91-40-2789 2633

www.gnithyd.ac.in Campus: Ibrahimpatnam, R.R. District, Hyderabad-501506, Telangana, India. Ph: (0/95) 8414-20 21 20/21

### CNC PROGRAMMING Technical Training Marks list

Sl.No.	Roll No.	Name of the student	Marks	Pass/Fail
1	16831A03E3	SURAGANI NIKITHA	14	PASS
2	16831A03E4	SYED NASREEN BANU H	15	PASS
3	16831A03E5	T VENKATESH	15	PASS
4	16831A03E6	TALLURI SAI TEJA	16	PASS
5	16831A03E7	TAMMALA NISHANTH	16	PASS
6	16831A03E8	T AMARSAVYASACHI	14	PASS
7	16831A03E9	TEJAVATH SANTHOSH	18	PASS
8	16831A03F0	THANDARAPALLY MAHESH	15	PASS
9	16831A03F1	THIRUMALA VAMSHI KRISHNA	16	PASS
10	16831A03F2	V SAMUEL JEHOSEPHAT	15	PASS
11	16831A03F3	VADDE PRAVEEN	7	FAIL
12	16831A03F4	VALAKATI GOWTHAMI	14	PASS
13	16831A03F5	VEERABOINA MADHU	16	PASS
14	16831A03F6	YADANA VENI RAVI TEJA	18	PASS
15	16831A03F7	YASH GUPTA	18	PASS
16	16831A03F8	KOTA UDAYKIRANREDDY	6	FAIL
17	16831A03G1	G VENKATRAM REDDY	16	PASS
18	17835A0320	BATHULA MANOJ KUMAR	16	PASS
19	17835A0322	ETTI RAVITEJA	7	FAIL
20	17835A0325	K VENKATADITHYA CHARY	14	PASS
21	17835A0326	KUNA NAVEEN KUMAR	15	PASS
22	17835A0329	MAMILLAPALLY MANIKOUSHIK	15	PASS
23	17835A0330	MELEL POOJA	15	PASS
24	17835A0331	MEREDDY SRIKANTH REDDY	15	PASS
25	17835A0332	MOHAMMED ANWAR	7	FAIL
26	17835A0335	NARSING KARTHIK	15	PASS
27	17835A0336	NENAVATH AJAY	15	PASS
28	17835A0338	PABBA VINEETH KUMAR	14	PASS
29	17835A0340	R DHARMENDAR KUMAR	15	PASS
30	17835A0344	SHAIK ASHRAF	15	PASS

  
HOD-ME

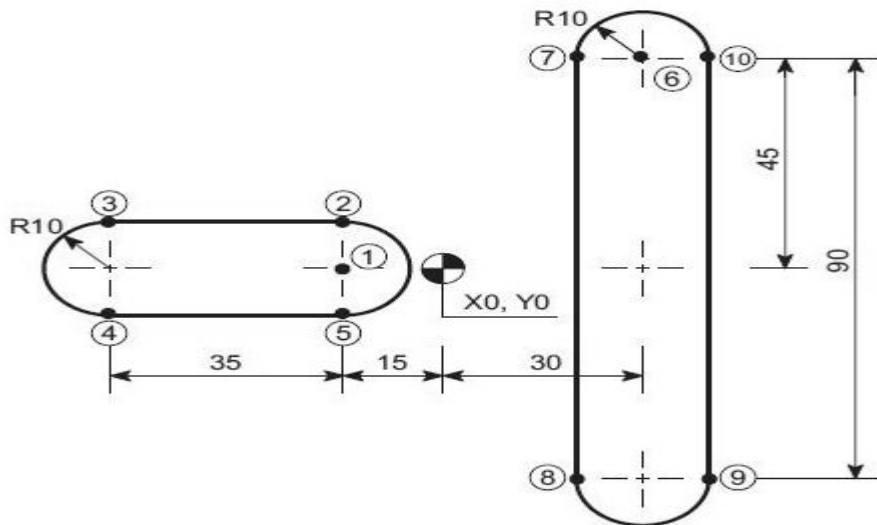


## Technical Training Exam on CNC Programming Technology (A.Y-2018-19)

Answer All the Questions

2x10=20 Marks

1. Write CNC Program for given Solid and Execute the model in CNC M/c.



2. Write CNC Program for given Solid and Execute the model in CNC M/c.



## GURU NANAK INSTITUTE OF TECHNOLOGY

City Office: B2, 2<sup>nd</sup> Flr, Above Bata, Vikramপুরi Colony, Karkhana Road, Secunderabad-50009, Telangana, India.  
Ph: +91-40-6632 3294, 6517 6117, Fax: +91-40-2789 2633

www.gnithyd.ac.in Campus: Ibrahimpatnam, R.R. District, Hyderabad-501506, Telangana, India. Ph: (0/95) 8414-20 21 20/21

### CNC PROGRAMMING Technical Training Marks list

Sl.No.	Roll No.	Name of the student	Marks	Pass/Fail
1	16831A03E3	SURAGANI NIKITHA	14	PASS
2	16831A03E4	SYED NASREEN BANU H	15	PASS
3	16831A03E5	T VENKATESH	15	PASS
4	16831A03E6	TALLURI SAI TEJA	16	PASS
5	16831A03E7	TAMMALA NISHANTH	16	PASS
6	16831A03E8	T AMARSAVYASACHI	14	PASS
7	16831A03E9	TEJAVATH SANTHOSH	18	PASS
8	16831A03F0	THANDARAPALLY MAHESH	15	PASS
9	16831A03F1	THIRUMALA VAMSHI KRISHNA	16	PASS
10	16831A03F2	V SAMUEL JEHOSEPHAT	15	PASS
11	16831A03F3	VADDE PRAVEEN	7	FAIL
12	16831A03F4	VALAKATI GOWTHAMI	14	PASS
13	16831A03F5	VEERABOINA MADHU	16	PASS
14	16831A03F6	YADANA VENI RAVI TEJA	18	PASS
15	16831A03F7	YASH GUPTA	18	PASS
16	16831A03F8	KOTA UDAYKIRANREDDY	6	FAIL
17	16831A03G1	G VENKATRAM REDDY	16	PASS
18	17835A0320	BATHULA MANOJ KUMAR	16	PASS
19	17835A0322	ETTI RAVITEJA	7	FAIL
20	17835A0325	K VENKATADITHYA CHARY	14	PASS
21	17835A0326	KUNA NAVEEN KUMAR	15	PASS
22	17835A0329	MAMILLAPALLY MANIKOUSHIK	15	PASS
23	17835A0330	MELEL POOJA	15	PASS
24	17835A0331	MEREDDY SRIKANTH REDDY	15	PASS
25	17835A0332	MOHAMMED ANWAR	7	FAIL
26	17835A0335	NARSING KARTHIK	15	PASS
27	17835A0336	NENAVATH AJAY	15	PASS
28	17835A0338	PABBA VINEETH KUMAR	14	PASS
29	17835A0340	R DHARMENDAR KUMAR	15	PASS
30	17835A0344	SHAIK ASHRAF	15	PASS

  
HOD-ME





www.gnithyd.ac.in

# GURU NANAK INSTITUTE OF TECHNOLOGY

**City Office:** B2, 2<sup>nd</sup> Flr, Above Bata, Vikrampuri Colony, Karkhana Road, Secunderabad-50009, Telangana, India.  
Ph: +91-40-6632 3294, 6517 6117, Fax: +91-40-2789 2633

**Campus:** Ibrahimpatnam, R.R. District, Hyderabad-501506, Telangana, India. Ph: (0/95) 8414-20 21 20/21

## Department of Mechanical Engineering

### CNC PROGRAMMING COURSE Summery

- Explain applications and advantages of CNC machines and technology
- Prepare CNC program for CNC Lathe, Milling, EDM and WEDM
- Calculate CNC Machining Parameters
- Prepare process plan, job card, inspection report
- Handle measuring instrument for inspection
- Prepare program and execute machining for CNC Lathe, Milling, EDM and WEDM
- Follow Safety norms during operations

  
HOD-ME



Accredited by  
National Board of Accreditation  
(CSE, ECE, ME)



Approved by  
AICTE - New Delhi



Affiliated to  
JNTU - Hyderabad

Hyderabad's First  
campus to become  
  
GOLD PARTNER





**DUN TECHNOLOGIES**

5-5-35/ 259/1, Mythri Nagar, IEKukatPally, Hyderabad- 500072

## *Certificate Of Course Completion*

This certificate is presented to TAMMALA NISHANTH Of GNIT, who has successfully completed technical training course on “CNC PROGRAMMING” held from 25.02.2019 to 08.03.2019. and found the student performance to be excellent.

