



(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

S.P.G.Chidambara Nadar - C.Nagammal Campus

S.P.G.C. Nagar, K.Vellakulam - 625 701 (Near VIRUDHUNAGAR).

DEPARTMENT OF MECHANICAL ENGINEERING

Value Added Course

on

CNC Coding

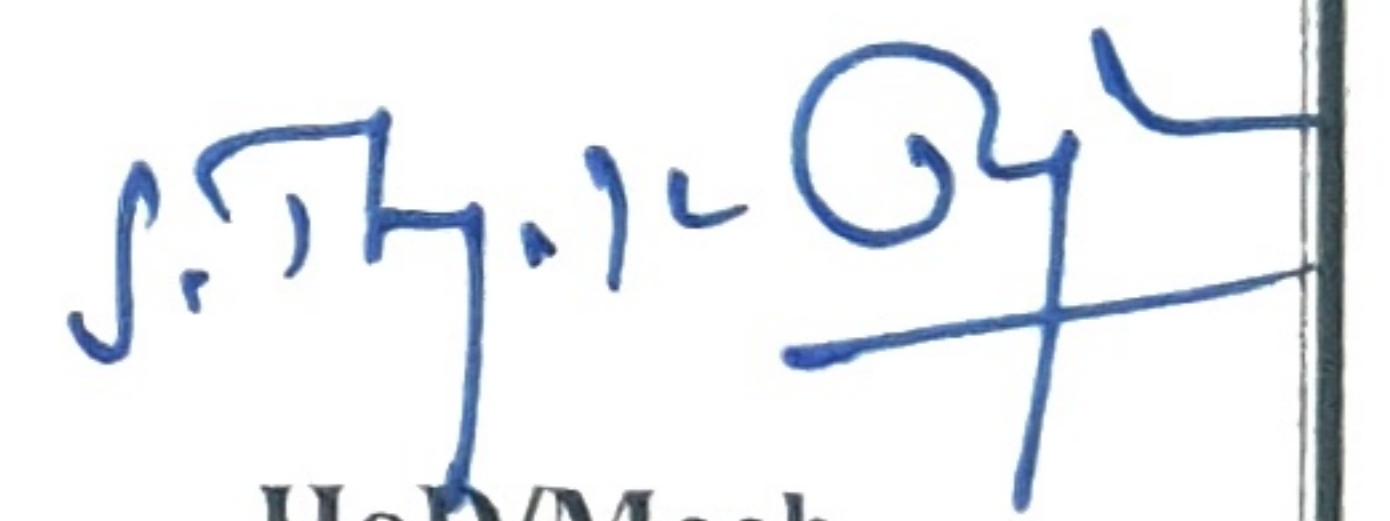
Academic Year : 2022-2023 (EVEN Semester)

Date : 04.01.2023 to 09.01.2023

Duration : 45 Hours

Organized by : CIPET, Madurai


Coordinator


HoD/Mech


31/1/23

Dean (Academic Courses)

KAMARAJ

COLLEGE OF ENGINEERING & TECHNOLOGY



(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

S.P.G.Chidambara Nadar - C.Nagammal Campus

S.P.G.C. Nagar, K.Vellakulam - 625 701 (Near VIRUDHUNAGAR).

DEPARTMENT OF MECHANICAL ENGINEERING

Content	Details
Academic Year	2022-2023 (EVEN Semester)
Date	04.01.2023 to 09.01.2023
Name of the Value-added course	CNC Coding
Duration	45 Hours
No of Credit	2 Credit
Category	Theory (15 Hours) and Lab (30 hours)
Organized by	CIPET, Madurai
External Coordinator	Er.E.Sivakumar, Senior Technical officer, CIPET, Madurai
Three Member Committee Members	1. Dr. S.S. Saravana kumar, ASP & HoD/Mech 2. Dr. S. Senthil, Prof. & Principal 3. Er. N.R. Madhan, AP/Mech
Internal Coordinators	Er. N.R. Madhan, AP/Mech

N.R. Madhan
Coordinator

S.S. Saravana Kumar
HoD/Mech

A.S. - Bm
31/1/23

Dean (Academic Courses)

KAMARAJ

COLLEGE OF ENGINEERING & TECHNOLOGY

(An Autonomous Institution - Affiliated to Anna University, Chennai)

S.P.G. Chidambara Nadar - C.Nagammal Campus

S.P.G.C. Nagar, K. Vellakulam - 625 701, (Near Virudhunagar), Madurai District.

Submitted to the SECRETARY for approval through the PRINCIPAL

Book No.

MECH

Date 19/12/2022

SL.No.

43

Value Added Course

Name of the course : ~~Q~~ CNC Coding with Live Demo

Duration [Days] : 5 Days → 4 Days (External) Conducted by CIPET

No. of Students

20 Nos.

1 Day (Internal) Master Cam by Prof. MERTH

Course fees

$2400 + 10\% GST = 2832/-$

Conducted by

CIPET - CSTS Madurai.

Approval may please be sanctioned for above mentioned amount
we have to credit full payment as advance before commencement of
the course.

N.P. [Signature] 19/12/2022
Signature of Faculty

[Signature] 19/12/22
HOD

[Signature] 21/12/22
PRINCIPAL

OFFICE USE

Value Added Course Expense

- 1) Account Head
- 2) Budget allotted
- 3) Amount committed / Spent so far
- 4) Balance available

OM

Treasurer

[Signature]
Secretary

From: Madhan.N.R

Sent: 03 January 2023 16:15

To: 21UME; CIPET CSTS Madurai; atpdc.cipetmdu@gmail.com; Kesavan

Cc: MECH; Maheswari.A; SRI RAMA PRIYA.R.P

Subject: Circular | VAC | IoT/CNC coding | Venue

Dear students,

The Department of Mechanical Engineering intends to offer a value-added course on IoT/CNC coding to second-year students from **January 4 to January 9, 2023**. A list of students interested in IoT/CNC coding is attached.

Venue Details

Course	Date	Venue
IoT	04.01.2023 to 07.01.2023	MECH CAD Lab
	09.01.2023	MT Lab
CNC Coding	04.01.2023 to 07.01.2023	CIPET Madurai
	09.01.2023	MECH CAD Lab

Students are instructed to maintain discipline and to attend all sessions without missing any.

With Regards,

Madhan N R,

Assistant Professor,

Mechanical Department,

KAMARAJ

College of Engg and Tech,

Virudhunagar.

Department of Mechanical Engineering

Title of the Program : Value Added Course on "CNC Coding"

Date: 04.01.2023 to 09.01.2023

Participants : II year

Conducted by : CIPET, Madurai

Venue : CIPET Campus

Syllabus

Module No	Title	Topics covered
1	Introduction to CNC	<ul style="list-style-type: none">• Numerical control• Functions of a machine tool• Concept of numerical control• Historical Development• Definition• Advantages of CNC machine tools
2	Blue print reading	<ul style="list-style-type: none">• Reading the machining sketches• Geometrical Tolerance symbols.• Reading Dimensional Tolerances.• Understanding the Views.• 1 angle & 3 angle projection.
3	Conventional milling Awareness	<ul style="list-style-type: none">• Plain milling• Step milling• Slot malling• Pocket milling• Co-ordinate drilling• Job setting in vice by dialing• Job setting on bed with clamps
4	CNC Milling- Basic	<ul style="list-style-type: none">• Fundamentals of CNC milling• Familiarization of control panel• Fundamentals of CNC programming• Part programming techniques• Machining practice on CNC Milling• Practice session at Industry
5	CNC Turning	<ul style="list-style-type: none">• Work piece setting methods• Tool setting methods• Practice on CNC Turning.• Exercises on machine & Practice

N.R.
CoordinatorsJ. S. J. S. J. S.
HoD/Mech

Department of Mechanical Engineering

Title of the Program : Value Added Course on "CNC Coding"

Date: 04.01.2023 to 09.01.2023

Participants : II year

Conducted by : CIPET, Madurai

Venue : CIPET Campus

Approval of Board of Study Meeting

Board of Study Meeting: VI

Mode: hybrid mode

Date & Timing: 11.03.2023 & 10.00 AM

Page No: 14 of 16

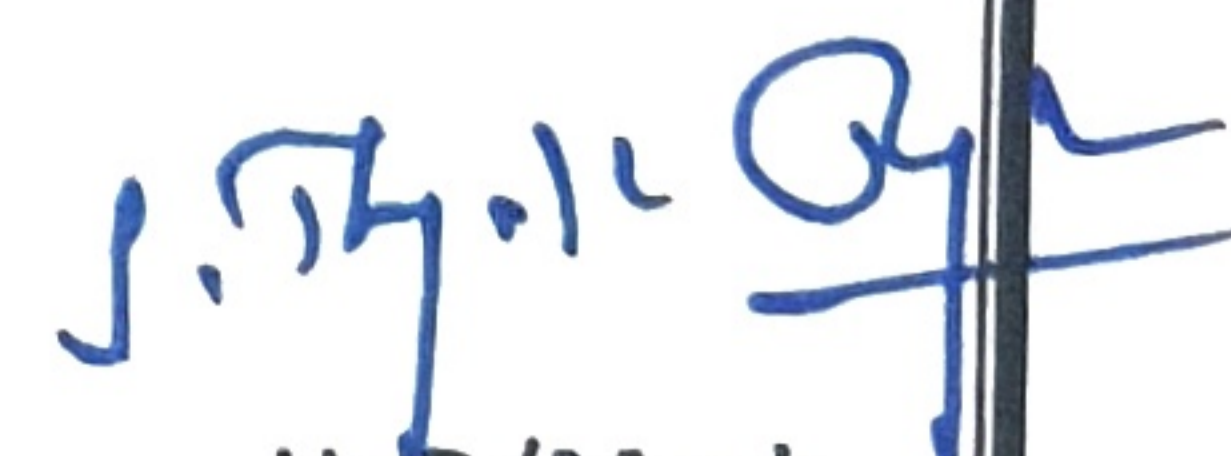
006.05.03 : Value Added Courses offered if any

- Dr. B.Balavairavan informed to BoS members that the following value added courses offered for Mechanical Engineering students and the ratification needed to include the credits earned by students from value added courses as over and above credits.

Sl.No.	Name of the Course	Year	Offered by	Date	No of Students	No of hours
1	NX-CAD for Beginners	III/Mech	CoE- Manufacturing, NITT	23.08.2022 to 28.08.2022	48	46
2	CNC Coding with live Demo	II/Mech	CIPET, Madurai	04.01.2023 to 07.01.2023	20	23
3	IoT	II/Mech	Quantanics Techserv (P) Ltd, Madurai	04.01.2023 to 09.01.2023	23	20

All the BoS members ratified and approved the same.


Coordinators


HoD/Mech

DEPARTMENT OF MECHANICAL ENGINEERING

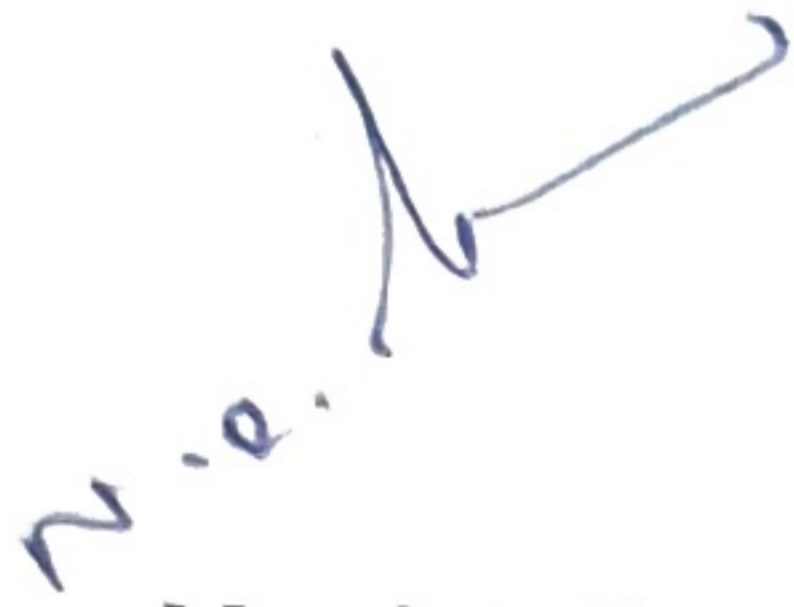
Three-member committee meeting for value added course selection

Agenda		Value Added Course Selection Meeting
Date	:	02/01/2023
Time	:	03.00 PM
Venue	:	HoD/Mech Cabin, Academic Block E, Third Floor
Members Present	:	<p>Three Member Committee Members</p> <ol style="list-style-type: none"> 1. Dr. S.S. Saravana kumar, ASP & HoD/Mech 2. Dr. S. Senthil, Prof. & Principal 3. Er. N.R. Madhan, AP/Mech <p>UG Coordinator</p> <ol style="list-style-type: none"> 1. Dr. S. Thanga Kasi Rajan, AP/Mech <p>Chairperson</p> <ol style="list-style-type: none"> 1. Er. N.R. Madhan, AP/Mech <p>Domain Experts</p> <ol style="list-style-type: none"> 1. Dr. P. Narayanasamy, ASP/Mech 2. Dr. M. Prithiviraj, AP/Mech 3. Er. N.R. Madhan, AP/Mech <p>Class representative (2021 – 2025 Batch)</p> <ol style="list-style-type: none"> 1. Mr. Hariharan.N (21ume011), II Year/ Student 2. Mr. Thirumurugan.P (21ume020), II Year/ Student 3. Ms. Alitia B Almeda (21ume029), II Year/ Student 4. Mr. Kishore.S (21ume033), II Year/ Student
Minutes of the Meeting	:	<ol style="list-style-type: none"> 1. It is optional to complete a Value-Added Course for Regulation 2021. In this regard a three-member committee has been formed and a meeting is organized to select the course for registration. <ul style="list-style-type: none"> • Meeting started by 3.00 PM. Dr. S.S. Saravana Kumar, Associate Professor & Head of the Department, welcome the gathering. • Er. N. R. Madhan, Assistant Professor & Chairperson of 2021-2025 batch has proposed various courses offered by <ul style="list-style-type: none"> ○ CIPET, Madurai offering CNC Coding and ○ Quantanics Techserv (P) Ltd, Madurai, offering Internet on Things. • Dr.S.Thanga Kasi Rajan, Assistant Professor has advised to maintain SOP for value added course. • Based on the suggestion given by the Subject Expects, 2021-2025 Batch Chairperson, 3 committee members for Value added course and student representative, “CNC coding” and “IoT” courses are agreed to take this IV semester for 2021-2025 Batch students. Courses was selected by the students based on their interested.

Justification for the Courses selection:

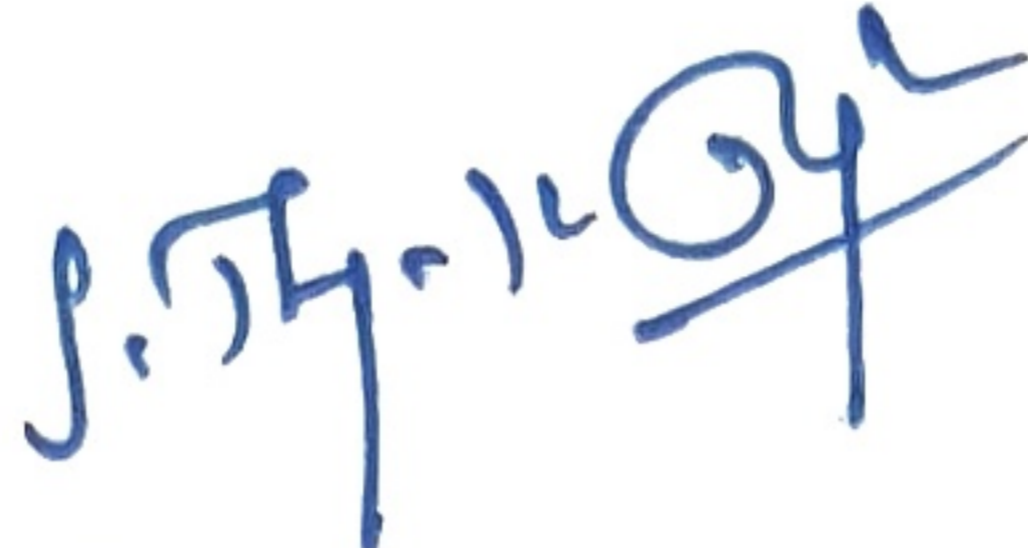
The justification for the course selection were as follows

- i. These courses will be useful for her project work
- ii. It is a 45-hour courses (2 Credits)
- iii. These courses are useful to meet the Industrial Needs
- iv. These courses are in emerging areas.



Three Member Committee Members

Dr. S S. Saravana kumar, ASP & HoD/Mech
Dr. S. Senthil, Prof. & Principal
Er. N.R. Madhan, AP/Mech



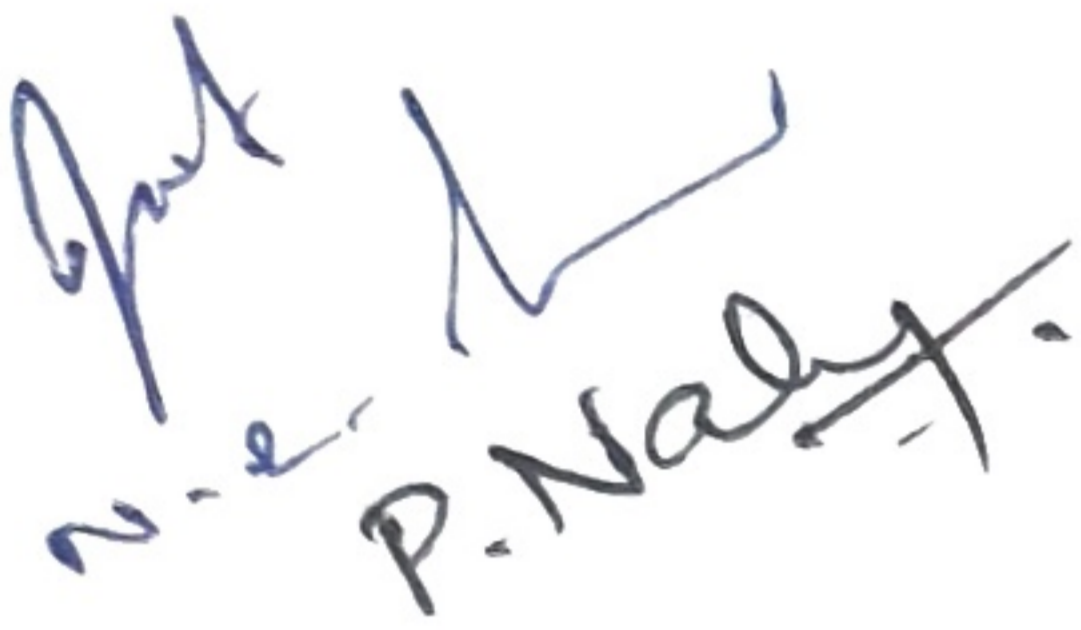
UG Coordinator

Dr. S. Thanga Kasi Rajan, AP/Mech



Chairperson

Er. N.R. Madhan, AP/Mech



Domain Experts

Dr. P. Narayanasamy, ASP/Mech
Dr. M. Prithiviraj, AP/Mech
Er. N.R. Madhan, AP/Mech



HoD/Mech



Dean Academics

Department of Mechanical Engineering

Title of the Program : Value Added Course on "CNC Coding"

Date: 04.01.2023 to 09.01.2023

Participants : II year

Conducted by : CIPET, Madurai

Venue : CIPET Campus

Summary report

Day 1 (04.01.2023)	:	Programme was inaugurated by the Er.Sivakumar, Head of the training programme of CIPET CTSS, Madurai. Importance of CNC Machine was explained by him. Various CNC and its model various were explained.
Day 2 (05.01.2023)	:	Students learnt the M Code and G Code with live demo. Importance and difference application of controllers and microprocessor were explained.
Day 3 (06.01.2023)	:	Trainer from tool room of CIPET CTSS Madurai, explained the basics constructions of CNC Coding. Students was creating the M Code and G Code using given component. All the students were simulating his programme using CNC software.
Day 4 (07.01.2023)	:	Separate model diagram was given to all the students. Students will create G Code and M Code and simulate the code. Based on this report, evaluation was done. During the entire day, students were working CNC Lathe and Milling for making given component.
Day 5 (09.01.2023)	:	Er. R. Sakthivel Murugan explained the tool and usage of MasterCAM software. Afternoon, students create the model using this software.

Photo Proof



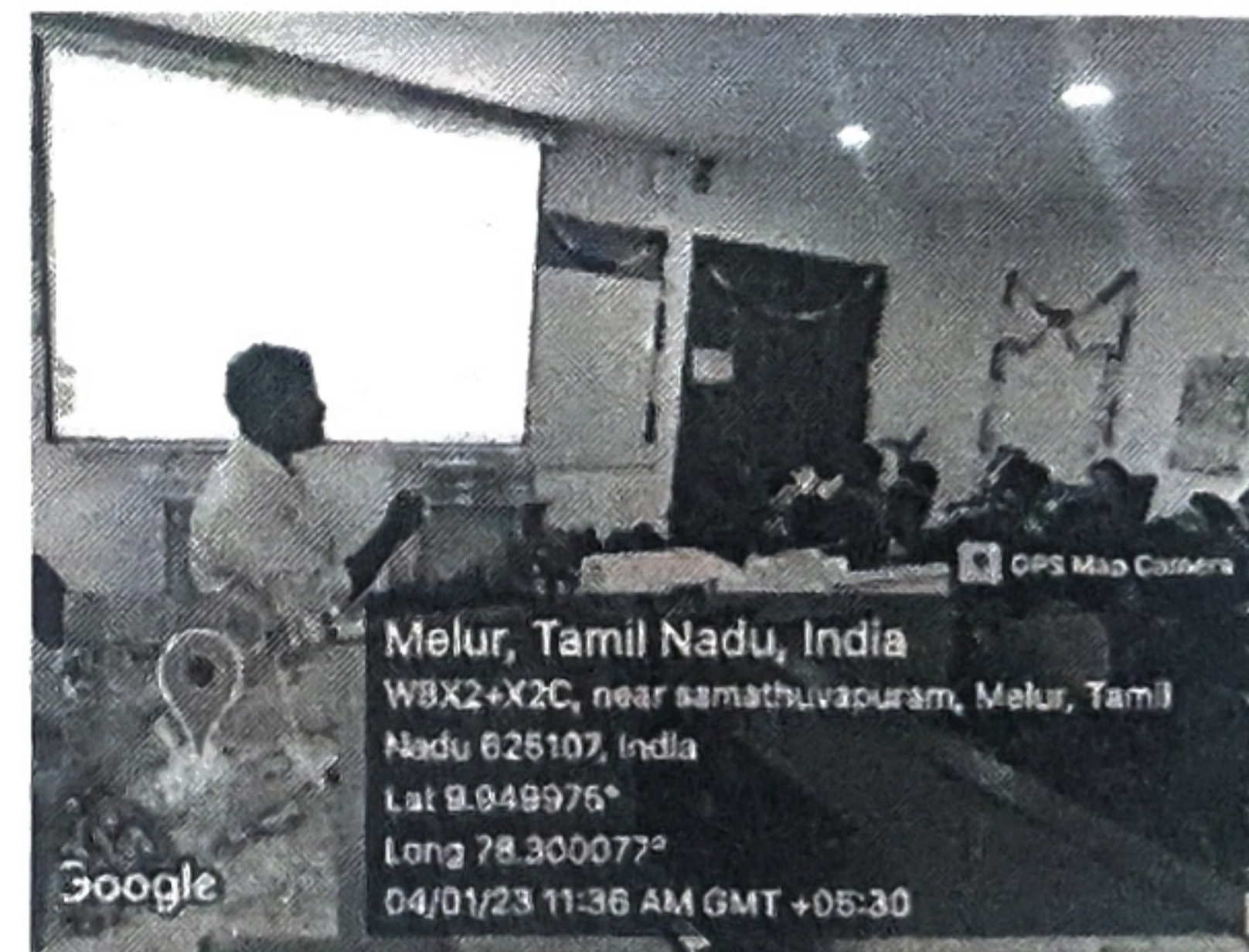
Valedictory function



Examination session



Practical Session



Theory Session

N.R.
Coordinators

S. Thyagarajan
HdD/Mech



CIPET ஈ ர் ஶ்

CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET)
(Formerly Central Institute of Plastics Engineering & Technology)
(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)

HEAD OFFICE : GUNDIRY, CHENNAI - 600 032.



CENTRE: **MADURAI**.....

Certificate No.: **A 163658**

CERTIFICATE

This is to certify that

Shri / Smt. / Mr.

J.ALWYN JOSHUA

S/o / D/o / M/o

I.JOHN JESURAN

has successfully completed the training programme titled

BASIC PROGRAMMING AND OPERATIONS OF CNC

LATHE & MILLING WITH LIVE DEMO

Organized at **CIPET: CSTS, MADURAI** *from* **04.01.2023** *to* **07.01.2023**



Date: **07.01.2023**

COURSE COORDINATOR

TRAINING I/C - VTC

CENTRE HEAD



CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET)

(Formerly Central Institute of Plastics Engineering & Technology)

(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)

HEAD OFFICE : GUINDY, CHENNAI - 600 032.

CIPET ன் டி



CENTRE: **MADURAI**

Certificate No.: **A 163644**

CERTIFICATE

This is to certify that

Sri / Smt. / Mr.

M.KAVIYARASAN

S/o / D/o / W/o

K.MAYANDI

has successfully completed the training programme titled

BASIC PROGRAMMING AND OPERATIONS OF CNC

LATHE & MILLING WITH LIVE DEMO

Organized at **CIPET: CSTS, MADURAI** *from* **04.01.2023** *to* **07.01.2023**



Date: **07.01.2023**

COURSE COORDINATOR

TRAINING I/C - VTC

CENTRE HEAD



CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET)

(Formerly Central Institute of Plastics Engineering & Technology)

(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)

CIPET BQP

HEAD OFFICE : GUNDIRY, CHENNAI - 600 032.



CENTRE: ...**MADURAI**.....

Certificate No.: **A 163643**

CERTIFICATE

This is to certify that

Sri / Smt. / M/s.

M.JEGATHEESH

S/o / D/o / M/o

A.MARIYAPPAN

has successfully completed the training programme titled

BASIC PROGRAMMING AND OPERATIONS OF CNC

LATHE & MILLING WITH LIVE DEMO

Organized at ... **CIPET: CSTS, MADURAI** ... *from* ... **04.01.2023** ... *to* ... **07.01.2023** ...



Date: **07.01.2023**

COURSE COORDINATOR

TRAINING I/C - VTC

CENTRE HEAD



CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET)

(Formerly Central Institute of Plastics Engineering & Technology)

(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)

CIPET No. 6

HEAD OFFICE : GUNDIRY, CHENNAI - 600 032.



CENTRE: **MADURAI**

Certificate No.: A **163641**

CERTIFICATE

This is to certify that

Shri / Smt. / Mr.

A.KALIRAJ

S/o / D/o / W/o

P.PAYYADURAI

has successfully completed the training programme titled

BASIC PROGRAMMING AND OPERATIONS OF CNC

LATHE & MILLING WITH LIVE DEMO

Organized at CIPET: CSTS, MADURAI from 04.01.2023 to 07.01.2023



Date: **07.01.2023**

COURSE COORDINATOR

TRAINING I/C - VTC

CENTRE HEAD



CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET)

(Formerly Central Institute of Plastics Engineering & Technology)

(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)

CIPET १६८

HEAD OFFICE : GUINDY, CHENNAI - 600 032.



CENTRE: **MADURAI**

Certificate No.: **A 163640**

CERTIFICATE

This is to certify that

A.BALAGURU

V.ALAGARSAMY

S/o / D/o / M/o

has successfully completed the training programme titled

BASIC PROGRAMMING AND OPERATIONS OF CNC

LATHE & MILLING WITH LIVE DEMO

Organized at **CIPET: CSTS, MADURAI** from **04.01.2023** to **07.01.2023**



Date: **07.01.2023**

COURSE COORDINATOR

TRAINING I/C - VTC

CENTRE HEAD



CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET)

(Formerly Central Institute of Plastics Engineering & Technology)

(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)

CIPET

HEAD OFFICE : GUINDY, CHENNAI - 600 032.



CENTRE: **MADURAI**.....

Certificate No.: **A 163656**

CERTIFICATE

This is to certify that

K.GOKUL RAJ

R.KRISHNASAMY

S/o / D/o / M/o

has successfully completed the training programme titled

BASIC PROGRAMMING AND OPERATIONS OF CNC

LATHE & MILLING WITH LIVE DEMO

Organized at **CIPET: CSTS, MADURAI** from **04.01.2023** to **07.01.2023**



Date: **07.01.2023**

COURSE COORDINATOR

TRAINING I/C - VTC

CENTRE HEAD



CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET)

(Formerly Central Institute of Plastics Engineering & Technology)

(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)

CIPET १२२

HEAD OFFICE : GUNDIRY, CHENNAI - 600 032.



CENTRE: **MADURAI**.....

Certificate No.: **A 163657**

CERTIFICATE

This is to certify that

Stn / Smt. / Mr.

M.ARAVIND KUMAR

S/o / D/o / W/o

A.MARUTHAMALAI

has successfully completed the training programme titled

BASIC PROGRAMMING AND OPERATIONS OF CNC

LATHE & MILLING WITH LIVE DEMO

Organized at **CIPET: CSTS, MADURAI** *from* **04.01.2023** *to* **07.01.2023**



Date: **07.01.2023**

COURSE COORDINATOR

TRAINING I/C - VTC

CENTRE HEAD



CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET)

(Formerly Central Institute of Plastics Engineering & Technology)

(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)

CIPET ௯ ௩ ௧

HEAD OFFICE : GUNDIRY, CHENNAI - 600 032.



CENTRE: MADURAI

Certificate No.: A 163642

CERTIFICATE

This is to certify that

Shri / Smt. / Mr.

V.KARAN

S/o / D/o / W/o

S.VELMURUGAN

has successfully completed the training programme titled

BASIC PROGRAMMING AND OPERATIONS OF CNC

LATHE & MILLING WITH LIVE DEMO

Organized at **CIPET: CSTS, MADURAI**

from **04.01.2023** *to* **07.01.2023**



Date: **07.01.2023**

COURSE COORDINATOR

TRAINING I/C - VTC

CENTRE HEAD



CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET)

(Formerly Central Institute of Plastics Engineering & Technology)

(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)

CIPET நகரம்

HEAD OFFICE : GUNDIRY, CHENNAI - 600 032.



CENTRE: MADURAI

Certificate No.: A 163652

CERTIFICATE

This is to certify that

Shri / Smt. / Ms.

K.VISHNU VARDHAN

S/o / D/o / w/o

P.KARTHIKEYEN

has successfully completed the training programme titled

BASIC PROGRAMMING AND OPERATIONS OF CNC

LATHE & MILLING WITH LIVE DEMO

Organized at **CIPET: CSTS, MADURAI** *from* **04.01.2023** *to* **07.01.2023**



Date: **07.01.2023**

COURSE COORDINATOR

TRAINING I/C - VTC

CENTRE HEAD



CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET)

(Formerly Central Institute of Plastics Engineering & Technology)

(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)

CIPET நெரீரீ

HEAD OFFICE : GUINDY, CHENNAI - 600 032.



CENTRE: **MADURAI**.....

Certificate No.: **A 163649**

CERTIFICATE

This is to certify that

Shri / Smt. / Ms.

G.ANAND

S/o / D/o / M/o.

S.GNANASEKAR

has successfully completed the training programme titled

BASIC PROGRAMMING AND OPERATIONS OF CNC

LATHE & MILLING WITH LIVE DEMO

Organized at ... CIPET: CSTS, MADURAI from ... 04.01.2023 to ... 07.01.2023



Date: **07.01.2023**

COURSE COORDINATOR

TRAINING I/C - VTC

CENTRE HEAD



CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET)

(Formerly Central Institute of Plastics Engineering & Technology)

(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)

CIPET

HEAD OFFICE : GUNDIRY, CHENNAI - 600 032.



CENTRE: **MADURAI**

Certificate No.: **A 163647**

CERTIFICATE

This is to certify that

P.VIGNESH KUMAR

S/o / D/o / W/o
T.PONRAJ

has successfully completed the training programme titled

BASIC PROGRAMMING AND OPERATIONS OF CNC

LATHE & MILLING WITH LIVE DEMO

Organized at **CIPET: CSTS, MADURAI** *from* **04.01.2023** *to* **07.01.2023**



Date: **07.01.2023**

COURSE COORDINATOR

TRAINING I/C - VTC

CENTRE HEAD



CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET)

(Formerly Central Institute of Plastics Engineering & Technology)

(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)

HEAD OFFICE : GUINDY, CHENNAI - 600 032.



CENTRE: **MADURAI**.....

Certificate No.: **A 163655**

CERTIFICATE

This is to certify that

Shri / Smt. / Ms.

M.SAKTHIVEL.....

S/o / D/o / W/o

M.MURUGANANTHAM.....

has successfully completed the training programme titled

BASIC PROGRAMMING AND OPERATIONS OF CNC

LATHE & MILLING WITH LIVE DEMO.....

Organized at **CIPET: CSTS, MADURAI** from **04.01.2023** to **07.01.2023**



Date: **07.01.2023**

COURSE COORDINATOR

TRAINING I/C - VTC

CENTRE HEAD



CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET)

(Formerly Central Institute of Plastics Engineering & Technology)

(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)

CIPET ନିର୍ମିତ

HEAD OFFICE : GUNDIRY, CHENNAI - 600 032.



CENTRE:**MADURAI**.....

Certificate No.: **A 163651**

CERTIFICATE

This is to certify that

Shri / Smt. / Ms.

C.DEEPAK KUMAR

Slr / D/o / W/o

K.CHANDRA SEKAR

has successfully completed the training programme titled

BASIC PROGRAMMING AND OPERATIONS OF CNC

LATHE & MILLING WITH LIVE DEMO

Organized at **CIPET: CSTS, MADURAI** *from* **04.01.2023** *to* **07.01.2023**



Date:**07.01.2023**.....

COURSE COORDINATOR

TRAINING I/C - VTC

CENTRE HEAD



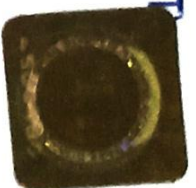
CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET)

(Formerly Central Institute of Plastics Engineering & Technology)

(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)

CIPET ୧୧୧

HEAD OFFICE : GUINDY, CHENNAI - 600 032.



CENTRE: **MAODURAI**.....

Certificate No.: **A 163645**

CERTIFICATE

This is to certify that

Shri / Smt. / Ms.

V.SAKTHIVEL

S/o / D/o / W/o

S.VANARAJ

has successfully completed the training programme titled

BASIC PROGRAMMING AND OPERATIONS OF

CNC LATHE & MILLING WITH LIVE DEMO

Organized at **CIPET: CSTS, MAODURAI** *from* **04.01.2023** *to* **07.01.2023**



COURSE COORDINATOR

TRAINING I/C - VTC

CENTRE HEAD

Date: **07.01.2023**



CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET)

(Formerly Central Institute of Plastics Engineering & Technology)

(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)

CIPET

HEAD OFFICE : GUINDY, CHENNAI - 600 032.



CENTRE: **MADURAI**

Certificate No.: A **163639**

CERTIFICATE

This is to certify that

K.SIVA BALAN

Shri / Smt. / Mr.

A.KUMAR

*S/o / D/o / w/o
.....*

has successfully completed the training programme titled

BASIC PROGRAMMING AND OPERATIONS OF CNC

LATHE & MILLING WITH LIVE DEMO

Organized at CIPET: CSTS, MADURAI from 04.01.2023 to 07.01.2023



Date: **07.01.2023**

COURSE COORDINATOR

TRAINING I/C - VTC

CENTRE HEAD



CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET)

(Formerly Central Institute of Plastics Engineering & Technology)

(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)

CIPET १३८

HEAD OFFICE : GUINDY, CHENNAI - 600 032.



CENTRE: MADURAI.....

Certificate No.: A 163654

CERTIFICATE

This is to certify that

Shri / Smt. / Ms.

A.DHANUSH KUMAR

S/o / D/o / W/o

N.ASAITHAMBI

has successfully completed the training programme titled

BASIC PROGRAMMING AND OPERATIONS OF CNC

LATHE & MILLING WITH LIVE DEMO

Organized at CIPET: CSTS, MADURAI from 04.01.2023 to 07.01.2023



Date: **07.01.2023**

COURSE COORDINATOR

TRAINING I/C - VTC

CENTRE HEAD



CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET)

(Formerly Central Institute of Plastics Engineering & Technology)

(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)

CIPET ಸಿ ಪಿ ಟಿ

HEAD OFFICE : GUINDY, CHENNAI - 600 032.



CENTRE: **MADURAI**

Certificate No.: **A 163653**

CERTIFICATE

This is to certify that

Shri / Smt. / Mr. **A.ASRAF MOHAMED**

Slr / D/o / W/o **S.ABDUL RAHMAN**

has successfully completed the training programme titled

BASIC PROGRAMMING AND OPERATIONS OF CNC

LATHE & MILLING WITH LIVE DEMO

Organized at **CIPET: CSTS, MADURAI** *from* **04.01.2023** *to* **07.01.2023**



Date: **07.01.2023**

COURSE COORDINATOR

TRAINING I/C - VTC

CENTRE HEAD



CIPET ரி ரீ ர

CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET)

(Formerly Central Institute of Plastics Engineering & Technology)

(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)

HEAD OFFICE : GUINDY, CHENNAI - 600 032.



CENTRE: **MADURAI**.....

Certificate No.: **A 163646**

CERTIFICATE

This is to certify that

M.DINESH KARTHICK

M.MURUGAN

S/o / D/o / W/o

Stri / Smt. / Ms.

has successfully completed the training programme titled

BASIC PROGRAMMING AND OPERATIONS OF CNC

LATHE & MILLING WITH LIVE DEMO

Organized at **CIPET: CSTS, MADURAI** *from* **04.01.2023** *to* **07.01.2023**



Date: **07.01.2023**

COURSE COORDINATOR

TRAINING I/C - VTC

CENTRE HEAD



CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET)

(Formerly Central Institute of Plastics Engineering & Technology)

(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)

CIPET १३८

HEAD OFFICE : GUINDY, CHENNAI - 600 032.



CENTRE:**MADURAI**.....

Certificate No.: **A 163648**

CERTIFICATE

This is to certify that

NIJO PRASAD

S.PRASAD

has successfully completed the training programme titled

BASIC PROGRAMMING AND OPERATIONS OF CNC

LATHE & MILLING WITH LIVE DEMO

Organized at**CIPET: CSTS, MADURAI**..... *from***04.01.2023**..... *to***07.01.2023**.....



Date:**07.01.2023**.....

COURSE COORDINATOR

TRAINING I/C - VTC

CENTRE HEAD

Department of Mechanical Engineering

Title of the Program : Value Added Course on "CNC Coding"

Date: 04.01.2023 to 07.01.2023

Participants : II year

Conducted by : CIPET, Madurai

Venue : CIPET Campus

Attendance report

S.No	Full Name	Register NO	4.1.2023	5.1.2023	6.1.2023	7.1.2023
1	ALWYN JOSHUA.J	920421114002	Alwyn	Alwyn	Alwyn	Alwyn
2	ARAVIND KUMAR.M	920421114003	M. Aravind	M. Aravind	M. Aravind	M. Aravind
3	ASRAFMOHAMED.A	920421114004	A. Asraf M.H.	A. Asraf M.H.	A. Asraf M.H.	AB
4	DEEPAK KUMAR.C	920421114006	C. Deepak	C. Deepak	C. Deepak	C. Deepak
5	DHANUSH KUMAR.A	920421114007	Dhanush	Dhanush	Dhanush	Dhanush
6	GOKULRAJ.K	920421114008	K. Gokulraj	K. Gokulraj	K. Gokulraj	K. Gokulraj
7	JEGADEESH.M	920421114010	M. Jegadeesh	M. Jegadeesh	M. Jegadeesh	M. Jegadeesh
8	KALIRAJ.A	920421114011	Kaliraj	Kaliraj	Kaliraj	Kaliraj
9	KARAN.V	920421114013	V. Karan	V. Karan	V. Karan	V. Karan
10	KAVIYARASAN.M	920421114015	Kaviyasan	Kaviyasan	Kaviyasan	Kaviyasan
11	SAKTHIVEL.M	920421114026	M. Sakthivel	M. Sakthivel	M. Sakthivel	M. Sakthivel
12	SIVA BALAN.K	920421114028	K. Sivalan	K. Sivalan	AB	K. Sivalan
13	VISHNUVARDHAN.K	920421114032	K. Vishnuvardhan	K. Vishnuvardhan	K. Vishnuvardhan	K. Vishnuvardhan
14	ANAND.G	920421114301	G. Anand	G. Anand	G. Anand	G. Anand
15	NIJO PRASAD	920421114303	N. Prasad	N. Prasad	N. Prasad	N. Prasad
16	SAKTHIVEL.V	920421114304	M. Sakthivel	M. Sakthivel	M. Sakthivel	M. Sakthivel
17	VIGNESHKUMAR.P	920421114307	P. Vignesh	P. Vignesh	P. Vignesh	P. Vignesh
18	DINESH KARTHICK.M	920421114309	M. Dinesh	M. Dinesh	M. Dinesh	M. Dinesh
19	BALAGURU.A	920421114310	A. Balaguru	A. Balaguru	A. Balaguru	A. Balaguru
20	PRAGATHISWARAN.V	920421114311	M.L	M.L	M.L	M.L

(Signature)
 Coordinators

(Signature)
 HoD/Mech

Department of Mechanical Engineering

Title of the Program : Value Added Course on "CNC Coding"

Date: 09.01.2023

Participants : II year

Conducted by : Er.R.Sakthivelmurugan, AP/Mech

Venue : Mech CAD Lab

Attendance report

S.No	Full Name	Register NO	9.1.2023
1	ALWYN JOSHUA.J	920421114002	Nysr
2	ARAVIND KUMAR.M	920421114003	M. AB
3	ASRAFMOHAMED.A	920421114004	A. S. Mohamed
4	DEEPAK KUMAR.C	920421114006	C. Deepak
5	DHANUSH KUMAR.A	920421114007	Dhanush
6	GOKULRAJ.K	920421114008	K. Gokulraj
7	JEGADEESH.M	920421114010	M. Jegadeesh
8	KALIRAJ.A	920421114011	Kaliraj
9	KARAN.V	920421114013	V. Karan
10	KAVIYARASAN.M	920421114015	M. Kaviyaran
11	SAKTHIVEL.M	920421114026	M. Sakthivel
12	SIVA BALAN.K	920421114028	B. Siva Balan
13	VISHNUVARDHAN.K	920421114032	K. Vishnuvardhan
14	ANAND.G	920421114301	AB
15	NIJO PRASAD	920421114303	AB
16	SAKTHIVEL.V	920421114304	Sakthivel
17	VIGNESHKUMAR.P	920421114307	P. Vignesh
18	DINESH KARTHICK.M	920421114309	AB
19	BALAGURU.A	920421114310	AB
20	PRAGATHISWARAN.V	920421114311	ML

Co-ordinators

HoD/Mech

(2/2)

सेंट्रल इंस्टिट्यूट ऑफ पेट्रोकेमिकल्स
इंजीनियरिंग & टेक्नॉलाजी (सिपेट)

(पूर्व सेंट्रल इंस्टिट्यूट ऑफ प्लास्टिक्स इंजीनियरिंग & टेक्नॉलाजी (सिपेट))

सेन्टर फॉर स्किलिंग & टेक्निकल सपोर्ट (सी एस टी एस)

रसायन एवं पेट्रोरसायन विभाग

रसायन एवं उर्वरक मंत्रालय, भारत सरकार

थिरुवाडवूर, मधुरै - 625 110.

फोन : 0452-2424277

ई-मेल : atpdc.cipetmdu@gmail.com

वेबसाइट : www.cipet.gov.in

मुख्यालय : सिपेट, गिण्डी, चेन्नै - 600 032.



CIPET सिपेट
probe · perform · practice · Plastics



**CENTRAL INSTITUTE OF PETROCHEMICALS
ENGINEERING & TECHNOLOGY (CIPET)**

(Formerly Central Institute of Plastics Engineering & Technology (CIPET))

CENTRE FOR SKILLING & TECHNICAL SUPPORT (CSTS)

Department of Chemicals & Petrochemicals

Ministry of Chemicals & Fertilizers, Govt. of India

Thiruvathavur, Madurai - 625 110

Phone : 0452-2424277

E-mail : atpdc.cipetmdu@gmail.com

Web : www.cipet.gov.in

Head office : CIPET, Guindy, Chennai - 600 032

VALUE ADDED COURSE ASSESSMENT REPORT

VENUE : CIPET CSTS MADURAI

COURSE DURATION: 04.01.23 TO 07.01.23

TOPIC: Basic Programming and Operations of CNC Lathe with live demo

COLLEGE NAME: KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY, VIRUDHUNAGAR.

DEPARTMENT: MECHANICAL ENGINEERING

S.No	STUDENT'S NAME	Attendance %	Total marks (100)
1	K.SIVA BALAN	100	95
2	A.BALAGURU	100	90
3	A.KALIRAJ	100	85
4	V.KARAN	100	95
5	M.JEGATHEESH	100	85
6	M.KAVIYARASAN	100	80
7	V.SAKTHIVEL	100	95
8	M.DINESH KARTHICK	100	80
9	P.VIGNESH KUMAR	100	95
10	P.NIJO PRASAD	100	95
11	G.ANAND	100	95
12	C.DEEPAK KUMAR	100	75
13	K.VISHNU VARDHAN	100	90
14	A.ASRAF MOHAMED	75	70
15	A.DHANUSH KUMAR	100	70
16	M.SAKTHIVEL	100	80
17	K.GOKUL RAJ	100	80
18	M.MARAVIND KUMAR	100	85
19	J.ALWYN JOSHUA	100	85



(Signature)
Course Co-ordinator

ई. शिवकुमार, एम.ई., एम.बी.ए./

E.SIVAKUMAR, M.E., M.B.A.

वरिष्ठ. तकनीकी अधिकारी

Sr. Technical Officer

केन्द्र : अहमदाबाद, अमृतसर, औरंगाबाद, अगरतला, बदी, बालासोर, बेंगलुरु, भोपाल, भुवनेश्वर, चन्द्रपुर, चेन्नै, देहरादून, गुवाहाटी, गुवालियर, हैदराबाद, हाजीपुर, हल्दिया, इम्फाल, जयपुर, कोच्चि, कोरबा, लखनऊ, मधुरै, मुरथल, मैसूरु, रायपुर, रांची, रायचौर, रायवड़ एवं विजयवाड़ा
Centres : Ahmedabad, Amritsar, Aurangabad, Agartala, Baddi, Balasore, Bengaluru, Bopal, Bhuaneswar, Chandigarh, Chennai, Dehradun, Guwahati, Guwahati, Gwalior, Hyderabad, Hajipur, Haldia, Imphal, Jaipur, Kochi, Korba, Lucknow, Madurai, Murthal, Mysuru, Raipur, Ranchi, Valsad & Vijaywada

Department of Mechanical Engineering

Title of the Program : Value Added Course on "CNC Coding"

Date: 04.01.2023 to 09.01.2023

Participants : II year

Conducted by : CIPET, Madurai

Venue : CIPET Campus

Mark statement

S.No	Regno	Roll Number	Name	Mark out of 100
1	920421114010	21UME002	JEGADEESH.M	85
2	920421114026	21UME003	SAKTHIVEL.M	80
3	920421114008	21UME004	GOKULRAJ.K	80
4	920421114032	21UME005	VISHNUVARDHAN.K	90
5	920421114007	21UME007	DHANUSH KUMAR.A	70
6	920421114028	21UME009	SIVA BALAN.K	95
7	920421114002	21UME014	ALWYN JOSHUA.J	85
8	920421114004	21UME017	ASRAFMOHAMED.A	70
9	920421114006	21UME018	DEEPAK KUMAR.C	75
10	920421114015	21UME019	KAVIYARASAN.M	80
11	920421114013	21UME030	KARAN.V	95
12	920421114011	21UME031	KALIRAJ.A	85
13	920421114003	21UME032	ARAVIND KUMAR.M	85
14	920421114303	21UME036	NIJO PRASAD	95
15	920421114307	21UME038	VIGNESHKUMAR.P	95
16	920421114301	21UME039	ANAND.G	95
17	920421114304	21UME040	SAKTHIVEL.V	95
18	920421114309	21UME041	DINESH KARTHICK.M	80
19	920421114310	21UME042	BALAGURU.A	90
20	920421114311	21UME043	PRAGATHISWARAN.V	ABSENT


Coordinators
HoD/Mech

Feedback Form | CNC Coding | II Year | Value Added Course

Title of the Program : Value added course for "CNC CODING"

Participants : II-year students

Date : 04.01.2022 to 09.01.2022

Conducted by : CIPET, Madurai

Coordinators:

Madhan N R, AP/Mech,
Sakthivel Murugan R, AP/Mech
Department of Mechanical Engineering,

Instructions: Please indicate your level of agreement the statements listed below

4 Star - Strong Agree

3 Star - Agree

2 Star - Neutral

1 Star - Dis-Agree

* Required

* This form will record your name, please fill your name.

1. The objectives of the training were clearly defined by the Co-ordinator *



2. Participation and interaction were encouraged. *



3. The topics covered were relevant to me. *



4. The content was organized and easy to follow. *



5. This training experience will be useful me. *



6. The trainer was knowledgeable about the training topics. *



7. The trainer was well prepared. *



8. The trainer was well prepared. *



9. The training objectives were met. *



10. The training objectives were met. *



11. The time allotted for the training was sufficient *



12. The HOP Lab were adequate and comfortable. *



Your view about this programme

13. What did you like most about this training? *

14. What aspects of the training could be improved? *

15. How do you hope to change your practice as a result of this training? *

16. Please share over all comments about this programme. *

17. Do you suggest this programme to your juniors *

No

Yes

This content is neither created nor endorsed by Microsoft. The data you submit will be sent to the form owner.



Your view about this programme

13. What did you like most about this training? *

14. What aspects of the training could be improved? *

15. How do you hope to change your practice as a result of this training? *

16. Please share over all comments about this programme. *

17. Do you suggest this programme to your juniors? *

- No
- Yes

This content is neither created nor endorsed by Microsoft. The data you submit will be sent to the form owner.



N.A.

J. J. H. 12/24

Review: Feedback Form | CNC Coding | II Year | Value Added Course

Respondent
1 ANAND G

02:58
Time to complete

- 1. The objectives of the training were clearly defined by the Co-ordinator * Score / 0 pts

★ ★ ★ ☆
- 2. Participation and interaction were encouraged. * Score / 0 pts

★ ★ ★ ★
- 3. The topics covered were relevant to me. * Score / 0 pts

★ ★ ★ ☆
- 4. The content was organized and easy to follow. * Score / 0 pts

★ ★ ★ ☆
- 5. This training experience will be useful me. * Score / 0 pts

★ ★ ★ ★
- 6. The trainer was knowledgeable about the training topics. * Score / 0 pts

★ ★ ★ ★
- 7. The trainer was well prepared. * Score / 0 pts

★ ★ ★ ☆
- 8. The trainer was well prepared. * Score / 0 pts

★ ★ ★ ☆
- 9. The training objectives were met. * Score / 0 pts

★ ★ ★ ☆
- 10. The training objectives were met. * Score / 0 pts

★ ★ ★ ☆
- 11. The time allotted for the training was sufficient * Score / 0 pts

★ ★ ★ ☆
- 12. The HOP Lab were adequate and comfortable. * Score / 0 pts

★ ★ ★ ☆

Your view about this programme

13. What did you like most about this training? *

Score / 0 pts

Real time demo

14. What aspects of the training could be improved? *

Score / 0 pts

Need some more days

15. How do you hope to change your practice as a result of this training? *

Score / 0 pts

Nothing

16. Please share over all comments about this programme. *

Score / 0 pts

Nice

17. Do you suggest this programme to your juniors *

Score / 0 pts

Yes

No

Review: Feedback Form | CNC Coding | II Year | Value Added Course

Respondent
2 VIGNESHKUMAR P

03:53
Time to complete

- 1. The objectives of the training were clearly defined by the Co-ordinator * Score / 0 pts

★ ★ ★ ☆
- 2. Participation and interaction were encouraged. * Score / 0 pts

★ ★ ★ ☆
- 3. The topics covered were relevant to me. * Score / 0 pts

★ ★ ★ ☆
- 4. The content was organized and easy to follow. * Score / 0 pts

★ ★ ★ ☆
- 5. This training experience will be useful me. * Score / 0 pts

★ ★ ★ ☆
- 6. The trainer was knowledgeable about the training topics. * Score / 0 pts

★ ★ ★ ☆
- 7. The trainer was well prepared. * Score / 0 pts

★ ★ ★ ☆
- 8. The trainer was well prepared. * Score / 0 pts

★ ★ ★ ☆
- 9. The training objectives were met. * Score / 0 pts

★ ★ ★ ☆
- 10. The training objectives were met. * Score / 0 pts

★ ★ ★ ☆
- 11. The time allotted for the training was sufficient * Score / 0 pts

★ ★ ★ ☆
- 12. The HOP Lab were adequate and comfortable. * Score / 0 pts

★ ★ ★ ☆

Your view about this programme

13. What did you like most about this training? *

Score / 0 pts

Live Cnc machine working see useful to learn

14. What aspects of the training could be improved? *

Score / 0 pts

No of days increase

15. How do you hope to change your practice as a result of this training? *

Score / 0 pts

Good learning experience

16. Please share over all comments about this programme. *

Score / 0 pts

Good

17. Do you suggest this programme to your juniors *

Score / 0 pts

Yes

No

Review: Feedback Form | CNC Coding | II Year | Value Added Course

Respondent
3 SAKTHI VEL V

01:40
Time to complete

- 1. The objectives of the training were clearly defined by the Co-ordinator * Score / 0 pts
- 2. Participation and interaction were encouraged. * Score / 0 pts
- 3. The topics covered were relevant to me. * Score / 0 pts
- 4. The content was organized and easy to follow. * Score / 0 pts
- 5. This training experience will be useful me. * Score / 0 pts
- 6. The trainer was knowledgeable about the training topics. * Score / 0 pts
- 7. The trainer was well prepared. * Score / 0 pts
- 8. The trainer was well prepared. * Score / 0 pts
- 9. The training objectives were met. * Score / 0 pts
- 10. The training objectives were met. * Score / 0 pts
- 11. The time allotted for the training was sufficient * Score / 0 pts
- 12. The HOP Lab were adequate and comfortable. * Score / 0 pts

Your view about this programme

13. What did you like most about this training? *

Score / 0 pts

14. What aspects of the training could be improved? *

Score / 0 pts

15. How do you hope to change your practice as a result of this training? *

Score / 0 pts

16. Please share over all comments about this programme. *

Score / 0 pts

17. Do you suggest this programme to your juniors *

Score / 0 pts

Yes

No

Feedback Form | CNC Coding | II Year | Value Added Course

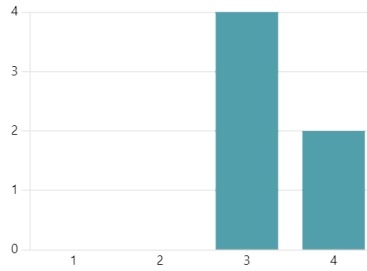
6
Responses

02:39
Average time to complete

Active
Status

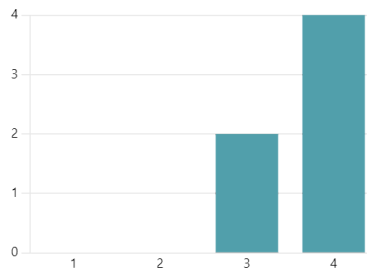
1. The objectives of the training were clearly defined by the Co-ordinator (0 point)

3.33
Average Rating



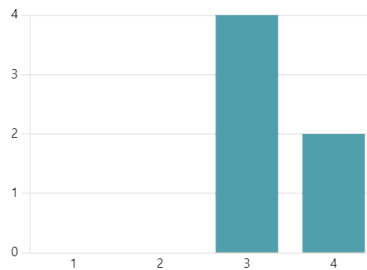
2. Participation and interaction were encouraged. (0 point)

3.67
Average Rating



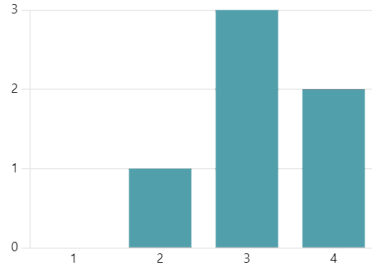
3. The topics covered were relevant to me. (0 point)

3.33
Average Rating



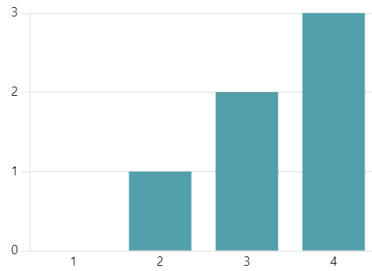
4. The content was organized and easy to follow. (0 point)

3.17
Average Rating



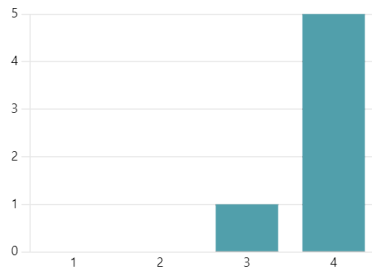
5. This training experience will be useful me. (0 point)

3.33
Average Rating



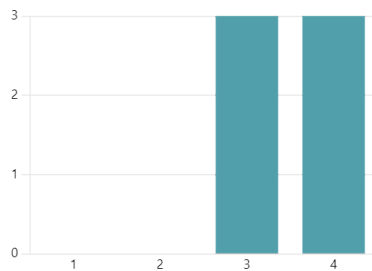
6. The trainer was knowledgeable about the training topics. (0 point)

3.83
Average Rating



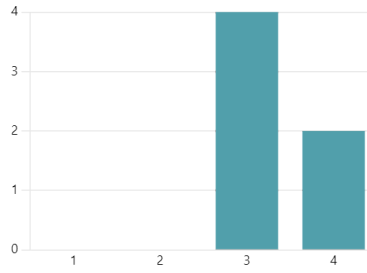
7. The trainer was well prepared. (0 point)

3.50
Average Rating



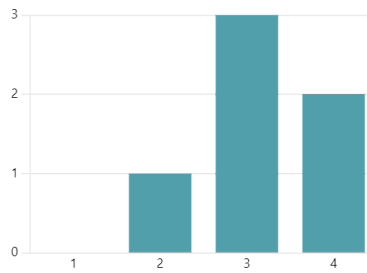
8. The trainer was well prepared. (0 point)

3.33
Average Rating



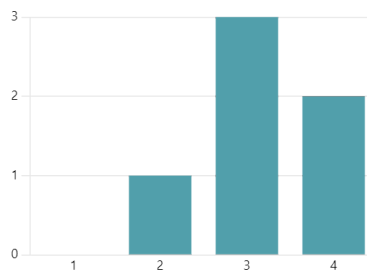
9. The training objectives were met. (0 point)

3.17
Average Rating



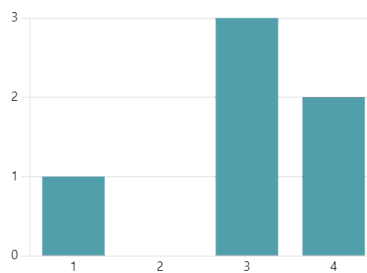
10. The training objectives were met. (0 point)

3.17
Average Rating



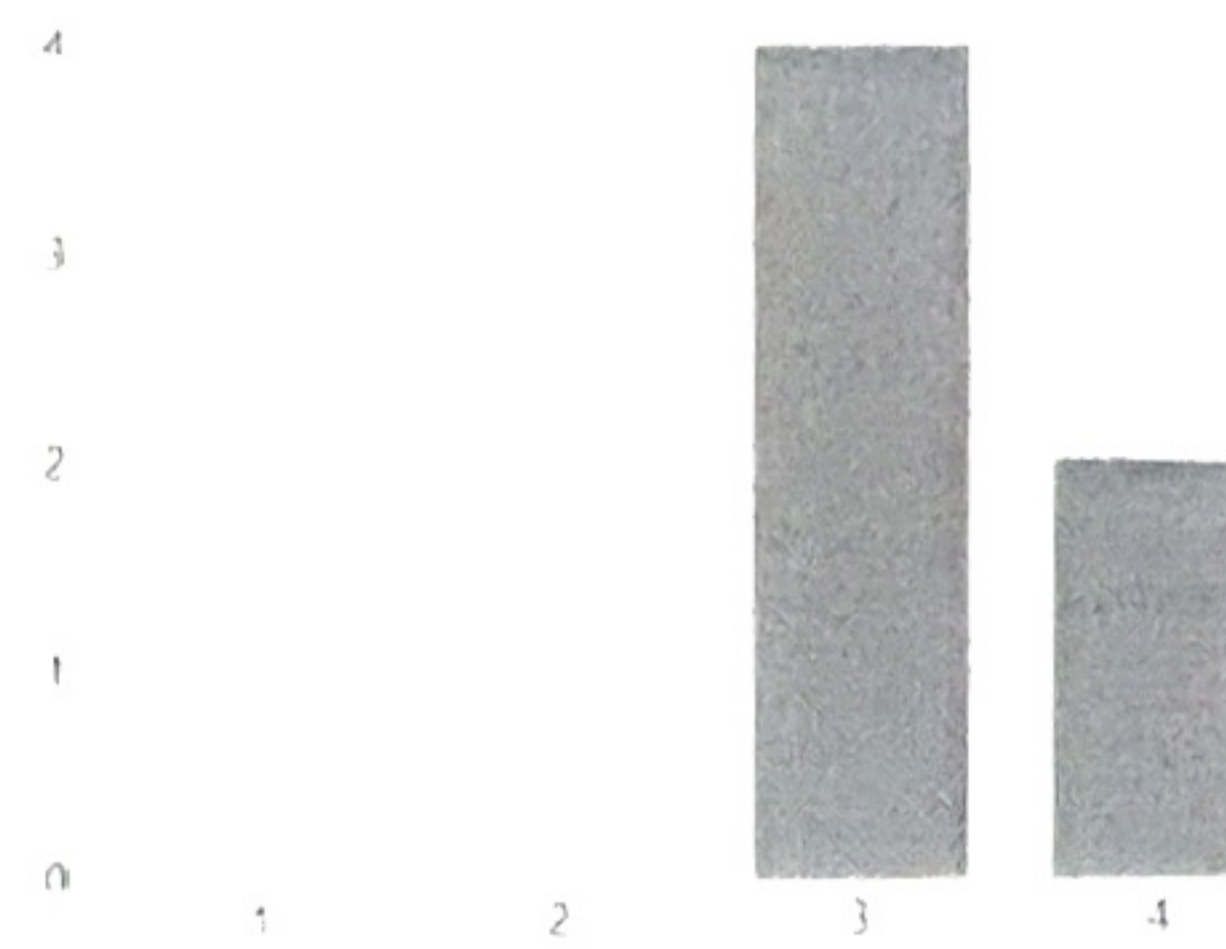
11. The time allotted for the training was sufficient (0 point)

3.00
Average Rating



12. The HOP Lab were adequate and comfortable. (0 point)

3.33
Average Rating



13. What did you like most about this training? (0 point)

6
Responses

Latest Responses

- "CNC machining visiting "
- "I like everything in this training "
- "Real working experience "

14. What aspects of the training could be improved? (0 point)

6
Responses

Latest Responses

- "Increase the time for training "
- "I get to know about cnc coding and operations "
- "Learn programing"

15. How do you hope to change your practice as a result of this training? (0 point)

6
Responses

Latest Responses

- "We need some cnc training in our college "
- "I improve my skills by working and i know about that"
- "Time"

16. Please share over all comments about this programme. (0 point)

6
Responses

Latest Responses

- "Nil"
- "Mesmerizing "
- "Nil"

17. Do you suggest this programme to your juniors (0 point)

Yes 6
 No 0



All the points are getting more than 3 star out 4. forward to further. N.R.L

Sr. In-charge Q/L