



# E- Book on the Activities of MSME Technology Centres and its Extension Centres 2021



Office of Development Commissioner  
Ministry of Micro Small And Medium Enterprises  
Government Of India  
Nirman Bhavan, New Delhi

Website: [www.msme.gov.in](http://www.msme.gov.in) or [dcmsme.gov.in](http://dcmsme.gov.in)

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# INTRODUCTION OF MSME TECHNOLOGY CENTRES

(Earlier known as Tool Rooms & Technology Development Centres)

Ministry of Micro, Small and Medium Enterprises (MSME), Office of the Development Commissioner (MSME) in its endeavor to provide the right stimulus for growth of the industry in the country – particularly with the objective of helping the micro, small and medium enterprises, has established Technology Centers across India, many of them through bilateral collaboration of the Governments of Germany and Denmark and the United Nations. These were earlier known as Tool Rooms and Technology Development Centers.

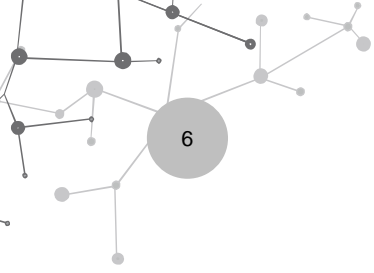
S.r. No.	Name of the Institute <a href="http://dcmsme.gov.in/Technology_centres.htm">http://dcmsme.gov.in/Technology_centres.htm</a>	Year of Establishment	Collaboration	Area of Specialization
<b>Tool Rooms (10 Nos.)</b>				
1.	Central Institute of Tool Design (CITD), Hyderabad	1967	UNDP / ILO	Automation, General Engineering
2.	Central Tool Room & Training Centre (CTTC), Kolkata	1978	Govt. of Denmark	General Engineering
3.	Central Tool Room (CTR), Ludhiana	1979	Govt. of Germany	Auto Parts
4.	Central Institute of Hand Tools (CIHT), Jalandhar	1991	UNIDO	Hand Tools
5.	Indo German Tool Room (IGTR), Indore	1995	Govt. of Germany	Pharmaceutical & Plastic Tools
6.	Indo German Tool Room (IGTR), Ahmedabad	1995	Govt. of Germany	Plastic & Auto Parts
7.	Indo German Tool Room (IGTR), Aurangabad	1995	Govt. of Germany	Auto Parts
8.	Central Tool Room & Training Centre (CTTC), Bhubaneswar	1991	Govt. of Denmark	Aerospace & Precision Components
9.	Indo Danish Tool Room (IDTR), Jamshedpur	1991	Govt. of Denmark	Auto Parts
10.	Tool Room & Training Centre (TRTC), Guwahati	1999	--	General Engineering

### Technology Development Centres (8 Nos.)

11	Institute for Design of Electrical Measuring Instruments (IDEMI), Mumbai	1969	UNIDO / UNDP	Electronic Design & Manufacturing (ESDM)	System &
12.	Product & Process Development Centre (PPDC), Agra	1985	UNIDO /UNDP	Foundry & Forging	
13.	Electronics Service & Training Centre (ESTC), Ramnagar	1986	UNDP	Electronic Design & Manufacturing (ESDM)	System
14.	Process cum Product Development Centre (PPDC), Meerut	1986	UNDP	Sport Goods	
15.	Fragrance & Flavour Development Centre (FFDC), Kannauj	1991	UNIDO /UNDP	Fragrance & Flavours	
16.	Centre for Development of Glass Industries (CDGI), Firozabad	1992	UNIDO /UNDP	Glass Industry	
17.	Central Footwear Training Institute (CFTI), Chennai	1996	UNDP	Footwear	
18.	Central Footwear Training Institute (CFTI), Agra	1996	UNDP	Footwear	

2 Out of 18 Technology Centres (TCs), the first 10 TCs (earlier known as Tool Rooms) provide tooling, moulds, dies, etc. to the industry. These TCs also provide training in the area of tool and die making. Today, the TCs are regarded for being highly proficient in mould and die making technology.

3 Despite being decades old, the TCs are still very useful because the Ministry of MSME has supported these centers by keeping them relevant and abreast with latest advancements in the respective field. The Ministry has been investing periodically to upgrade the TCs by introducing new technologies such as 3D Printing, Glass Machining, CAD/CAM, CNC machining for tooling, vacuum heat treatment, Robotics and Process Automation etc. These TCs are concentrating on an integrated development of the related segments of industries by way of providing quality tools, trained personnel and consultancy in tooling and related areas.

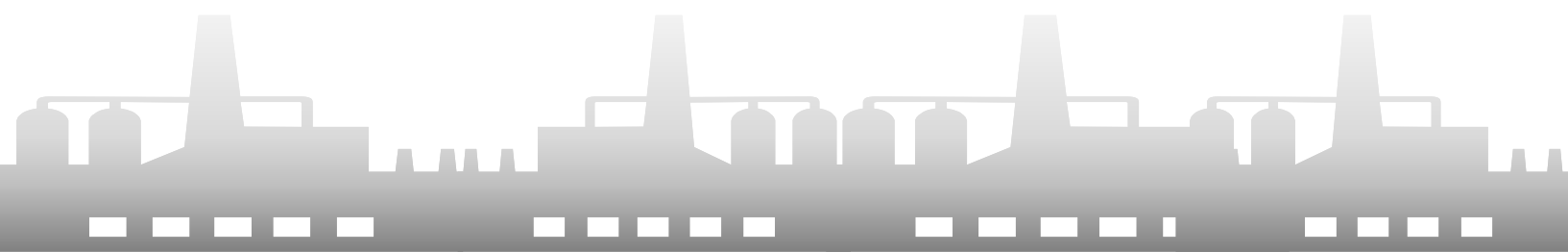


4 The remaining Technology Centres, (earlier known as Technology Development Centres - serial number 11 to 18) are product specific centers to support MSMEs' catering to specific sectors by rendering technical services to develop and upgrade technologies, processes and products apart from manpower development and training in the specific product groups like Foundry & Forging, Electronics, Electrical Measuring Instruments, Fragrance & Flavour, Glass, Sport Goods, and footwear designing to support these sectors.

5 The facilities of the Technology Centres allow for the design and manufacture of sophisticated tools, parts, components and products in conformity with international standards. The latest hardware and software available at these centres ensure professional design and 3D solid modeling. The production facilities at the Technology Centres offer an array of cutting edge production services to MSMEs.

6 In addition, these institutes provide technical services such as design of parts and components, materials testing, heat treatment, quality control, and technical consultancy related to the product & process improvement. The Technology Centres apart from extending design, development & manufacturing support to MSMEs for complex tools, parts and components (many that serve as import substitutes) have also supported the strategic sectors such as aerospace, defense, atomic energy etc. of the country for their R&D requirements.

7 The Technology Centres philosophy of integrated solution for Indian industrial growth is based on the provision of well structured, modular, hands on industry centric training programmes. All courses are regularly updated to keep abreast with global technological advancements. The intake eligibility for the training programmes range from school dropout to B-Tech level. Training facilities in the above field call for sophisticated equipment to keep pace with the development elsewhere in the world. It also demands a team of teaching staff, who have acquired practical & theoretical knowledge to equip the trainees to act independently and to lead a team on the shop floor. Various levels of courses, viz., certificate, diploma, advanced diploma, post diploma, post graduate diploma and post graduate courses offered by Technology Centres are well accepted by the industry in India and abroad for employment purposes. A number of passed out trainees have also established their own enterprises thereby contributing in the social and economic development of the country.



8 The Technology Centres have also developed special training programmes to meet the requirements at international level. Technology Centres are conducting training programmes for international participants sponsored under various agreements like Technical Co-operation Scheme of Colombo (TCS), Special Commonwealth African Assistant Programme (SCAAP), Indian Technical and Economic Co-operation (ITEC), Aid to Sri Lanka etc. Apart from assisting State Governments for setting up of Technology Centres, MSME-Technology Centres have also successfully executed international assignments for setting up Technology Centres and Vocational Training Centres as well as training of trainers for developing countries like Zimbabwe, Myanmar, Sri Lanka, Tajakistan etc.

9 All the Technology Centres adhere to the principles of Total Quality Management (TQM). They are ISO 9001-2000 certified institutions and a few of them are ISO-14000, OHSAS-18000, ISO-29990 and ISO-50001 certified. Central Tool Room & Training Centre, Bhubaneswar is also AS-9100 certified for Aero-space Component Supply.

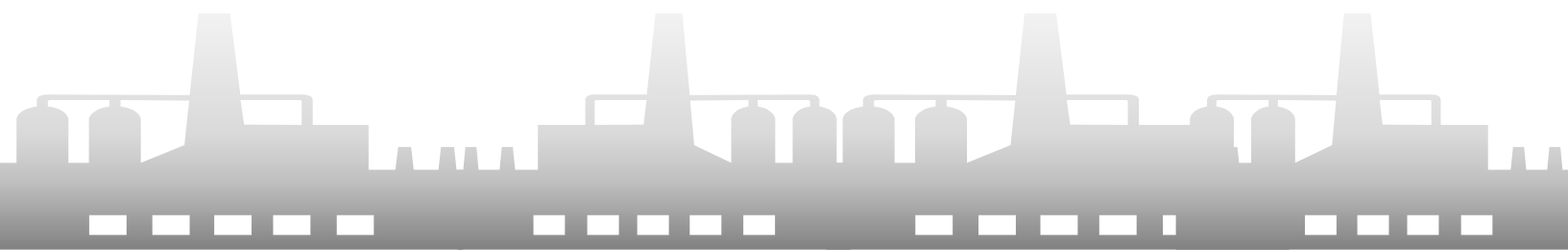


# Technology Centre Systems Programme (TCSP)

Keeping in view the success of TCs in serving MSMEs, the Government felt a strong need to strengthen the TCs network by modernizing the existing TCs and setting up more TCs across the country so that the MSMEs in the unserved and low-income states also get benefitted from such centres. Towards achieving this objective, Ministry of MSME, Government of India is in the process of establishing 15 Technology Centres and upgrading / modernizing the existing TCs under the Technology Centre Systems Programme (TCSP) at an estimated cost of Rs. 2,200 crore including World Bank funding of USD 200 Million. Under this program, work on 13 new Technology Centre is in full swing and the upcoming Technology Centres would be equipped with multiple cutting edge manufacturing technologies, such as CNC Machines, 3D Manufacturing/Additive Manufacturing, Laser / Ultrasonic machining, Robotics and Process Automation, Precision measurement/ Metrology equipment, for General Engineering and Automotive Sector, state-of-the art Electronics Manufacturing Facilities, Calibration and Testing Facilities for Electronic System Design and Manufacturing (ESDM) Sector. Out of these, 10 new TC were partially operationalised in December 2018.

It is expected that the 15 new TCs will increase the training capacity by 120,000 trainees. It may be mentioned here that even with the increased network of 33 TCs across India, a large base of MSMEs will still remain unserved especially in small cities and rural area.

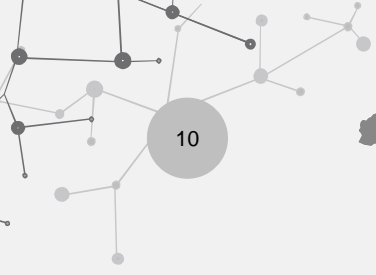
Once commissioned the network of Technologically Advanced TCs together with ECs will significantly widen the geographical reach of the TCs. This will boost entrepreneur spirit at grass root level and bring innovation from lab to field. It will reach out to MSMEs which are at the core of manufacturing but have very limited or no access to latest technology. Manufacturing sector currently forms approximately 16% of GDP and MSMEs form an important part of this manufacturing landscape. With approximately 40% contribution to this sector, improving access to technology to MSMEs shall provide a significant boost to the growth of this sector and GDP.





## Locations of New Technology Centres under Technology Centre Systems Programme

S. No.	States	Locations
1.	Andhra Pradesh	Pudi , District Visakhapatnam
2	Bihar	Patna
3.	Chhattisgarh	Borai, District Durg
4.	Haryana	Rohtak
5.	Himachal Pradesh	Baddi, District Solan
6.	Karnataka	Bengaluru
7.	Kerala	Angamaly, Ernakulum
8.	Madhya Pradesh	Bhopal
9.	Manipur	Imphal
10.	Puducherry	Puducherry
11.	Rajasthan	Bhiwadi, District Alwar
12	Tamilnadu	Sriperumbudur
13.	Uttar Pradesh	Greater Noida, District Gautam Budh Nagar
14.		NTC Mill, Kanpur
15.	Uttrakhand	Sitarganj, District Udham Singh Nagar



# Andhra Pradesh



## MSME Technology Centre, Visakhapatnam



MSME Technology Centre, Visakhapatnam is the premium Centre of excellence established through the Ministry of Micro, Small and Medium Enterprises, Govt. of India under the auspices of the World Bank. We wish to introduce MSME Technology Centre as one of the Manufactures of tooling, dies, Jigs, Fixtures, Press components, CNC Machined parts and Fabrication of Engineering parts and Assemblies. Technology Centre also provides the World-Class education, skill development training and conduct innovative research at the interface of multiple disciplines to create high- quality human resources in disciplinary and interdisciplinary areas of Engineering Technologies. The Centre is offering the AICTE and NSQF approved Diploma, Post Diploma and Post Graduate Diploma programs in various Engineering Technologies.

### Objective

- ❖ To enhance the competitiveness of micro, small and medium enterprises, MSME TC Provides integrated support services under Marketing Technology and Other Support Services.
- ❖ To enhance growth of SME (Small Medium Enterprise).
- ❖ To upgrade the professional skills of employees.
- ❖ To provide training for skill upgradation of trainees.
- ❖ To meet diverse customer requirements.

### Vision

- ❖ MSME Technology Center to be preferred destination for Technology Skilling/Up- Skilling development for the youth of India.
- ❖ Enhancing the growth of Micro Small & Medium Enterprises.
- ❖ To provide best industrial training and get the “to-be” Entrepreneurs placed.
- ❖ To enhance growth of SME (Small Medium Enterprise).
- ❖ To upgrade the professional skills of employees by providing them skill upgradation training

### Skill Development / Manufacturing Capabilities

- ❖ Tool & Die Making
- ❖ Manufacturing
- ❖ CAD/CAM/CAE
- ❖ CNC Programming
- ❖ CNC/Conventional Machining
- ❖ Welding

- ❖ Hydraulics & Pneumatics
- ❖ Mechatronics
- ❖ Automation
- ❖ PLC & SCADA
- ❖ VLSI & Embedded Systems
- ❖ Information Technology
- ❖ Quality Control and Calibration

**Solutions Offered**

- ❖ Design ,Development and Manufacturing of Aviation, Marine and Automobile Parts and Assemblies (In Mechanical Engineering Division)
- ❖ Design ,development , Manufacturing and supply of Aviation and Marine Ground support Equipment's.
- ❖ Mfg. of CNC VMC Machining Parts of Aviation, Marine and Automobiles sectors
- ❖ Designing and Developing of Press Tool, Jigs , Fixtures &Assemblies
- ❖ Mfg. of the Press Components
- ❖ Industrial Fabrication
- ❖ Undertake ToT Projects

**Services Offered**

- ❖ Design and Manufacture using latest Technology
- ❖ Skill Development
- ❖ Consultancy
- ❖ Production
- ❖ Innovation and Design Centre
- ❖ Prototyping, Assessment, Testing and Calibration Centre.

**Contact**

**Contact Person:** Prasada Reddy G, DGM- +91 955 27 598 48  
**Address:** Plot No:6, IC-Pudi, Near APSEZ, Atchuthapuram, Visakhapatnam – 532011  
**Website:** [www.msmetcvizag.org](http://www.msmetcvizag.org)  
**Email:** info@msmetcvizag.org, prasadareddy@dcmsme.gov.in, dgm.tcpudi@gmail.com  
**Phone:** 08924-282600/601/602/603/604/605

## MSME TC (CITD), Sub-Centre, Visakhapatnam

Sub-Centre, Visakhapatnam was established on March 2013 in Kancharapalem, Visakhapatnam. Extension Center, Vizag caters to skill development needs for the youth and industry workers.

### Courses Offered

Training Courses					
S. N.	Name of the Course	Duration	Fee	NSQF level	When the program starts
1	Master Certificate Course In Cad Cam	6 month	51000	6	Every Month
2	Autocad	1 month	6400	exempted	Every Month
3	CNC Programming And	1 month	6400	exempted	Every Month
4	Machining	1 month	9350	exempted	Every Month
5	CREO Parametric	1 month	9350	exempted	Every Month
6	Catia	1 month	9350	exempted	Every Month
7	Solidworks	1 month	9350	exempted	Every Month
8	NX Unigraphics CAD	1 month	9350	exempted	Every Month
9	NX Unigraphics CAM	1 month	9350	exempted	Every Month
10	Ansys	1 month	9350	exempted	Every Month
11	Hypermesh	1 month	9350	exempted	Every Month
12	Master Certificate Course in CAD CAM	1 month	9350	exempted	Every Month

### Contact

**Address:** Govt. ITI (Old) Campus, Kancharapalem, Visakhapatnam, A.P.  
**Website:** [www.msmetcvizag.org](http://www.msmetcvizag.org)  
**Phone:** 0891-2785855  
**Mobile No:** 8106920695

## MSME TC CITD, Sub-Centre, Vijayawada



Extension Center, Vijayawada caters to skill development needs for the youth and industry workers. Training programs in CAD/CAM/CAE & CNC M/C are being conducted at the above address from 1-2-2004 onwards. Interested aspirants in CAD/CAM/CAE, tooling & automation area skill development/ Job works can avail facilities at Vijayawada. Summer training classes are also being conducted.

### Facilities

- ❖ Short Term training programs on CAD/CAM/CAE & VLSI Embedded Systems.
- ❖ Tool Room Facilities with all types of Conventional Machines & CNC Machines
- ❖ Design Consultancy Services & Metrology Services

### Infrastructure Facilities

S. N.	Description	Size(mm)	Rate (Rs.)
S No	Name of Machine's		
	CONVENTIONAL		
1	(HMT) Lathes-	Ø500 X1000	175/-
2	(Bhurji) Surface Grinding Machines-	300X100X200	300/-
3	(HMT & Dev Co) Cylindrical Grinding Machines-		250/-
4	(ALTO) Vertical Milling Machine-	600X400X400	175/-
5	(ALTO) Horizontal Milling Machines-	600X400X400	175/-
6	(ALTO) Universal Milling Machines-		175/-
7	CNC Machine's		
8	KENT VMC Milling Machine (3 Axis)-	800X500X500	300/-
9	KENT VMC Milling Machine (4 Axis attachment)-	800X500X500	300/-
10	HARDINGE CNC Lathe-	Ø150X300	250/-

### Courses Offered

ESDM DEPARTMENT					
S. N.	Name Of The Course	Duration	Fee	NSQF level	When the program starts
1	VLSI	1 MONTH	8260	Exempted	Every Month
2	Micro Controller	1 MONTH	8260	Exempted	Every Month
3	PLC Programming	1 MONTH	8260	Exempted	Every Month

## MSME TC CITD, Sub-Centre, Vijayawada

### CAD CAM DEPARTMENT

S.N.	Name Of The Course	Duration	Fee	NSQF level	When the program starts
1	Master Certificate Course In Cad Cam	6 Months	51000	6	Twice in a Month
2	Certificate Course In CNC Milling	6 Months	31000	6	
3	Certificate Course In CNC Turning	6 Months	31000	4	
4	Certificate Course In Machining	6 Months	31000	4	
5	A Certificate Course On CNC Programming And Machining	3 Months	21400	NON-NSQF	
6	Autocad	1 Month	6400	Exempted	Every Month
7	Cnc Programming And Machining	1 Month	6400	Exempted	Every Month
8	CREO Parametric	1 Month	9350	Exempted	Every Month
9	Catia	1 Month	9350	Exempted	Every Month
10	Solidworks	1 Month	9350	Exempted	Every Month
11	Nx Unigraphics Cad	1 Month	9350	Exempted	Every Month
12	Nx Unigraphics Cam	1 Month	9350	Exempted	Every Month
13	Ansys	1 Month	9350	Exempted	Every Month
14	Hypermesh	1 Month	9350	Exempted	Every Month
15	Delcam	1 Month	9350	Exempted	Every Month
16	Mastercam	1 Month	9350	Exempted	Every Month

### Courses Offered

### Contact

**Contact Person:**

S Venkata krishna, Dy. Director (TRG & APCU)

**Address:**

#54-2-9, phase-III, Auto Nagar, Vijayawada-520 007. Phone No: 0866-2540560, Mobile: 9885429054.

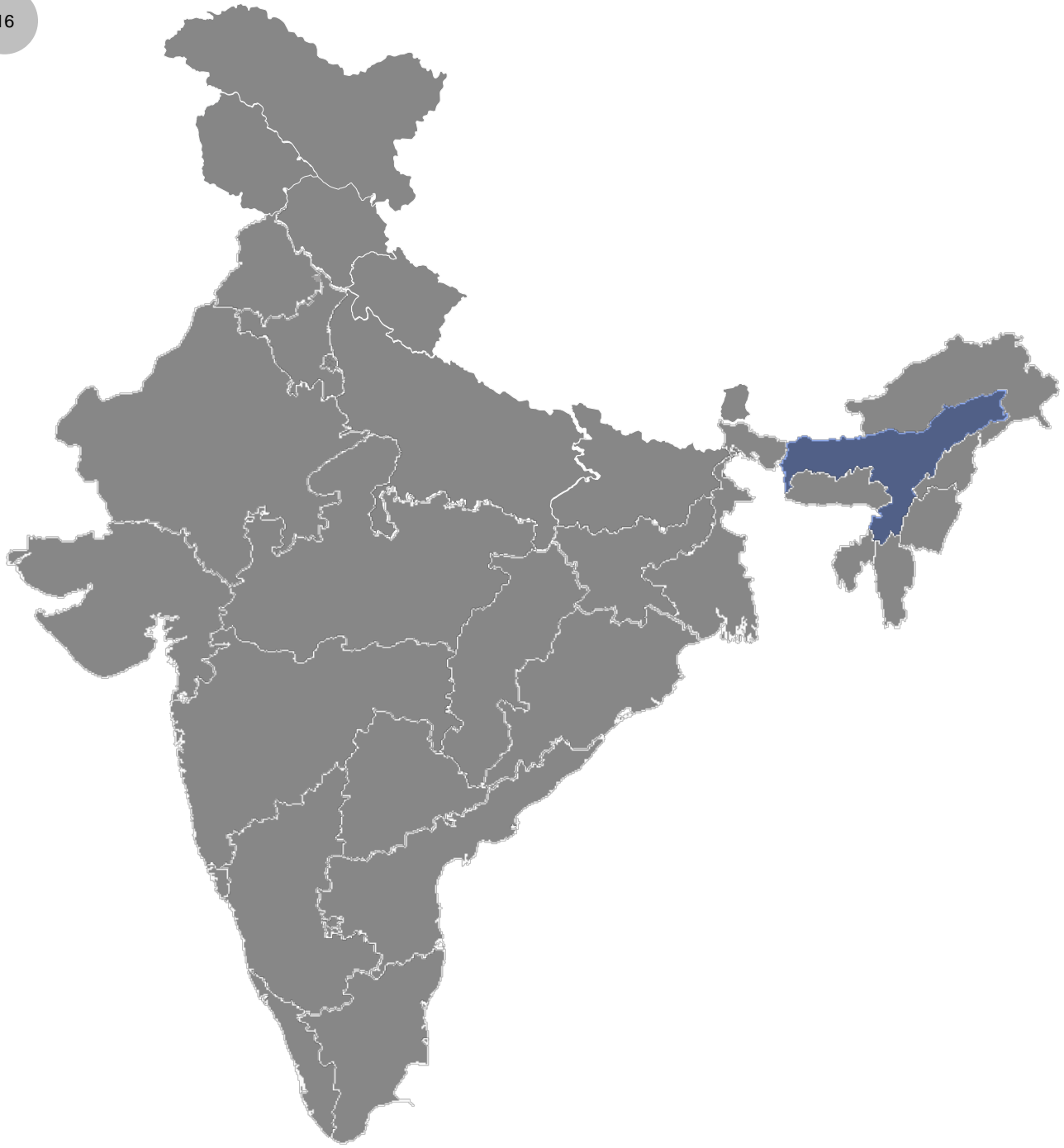
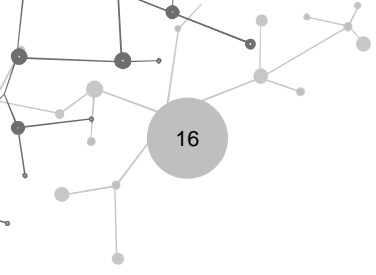
Sub-Centre, Vijayawada was established on 26th January 2004 in Autonagar, Vijayawada.

**Website:**
**Email:**

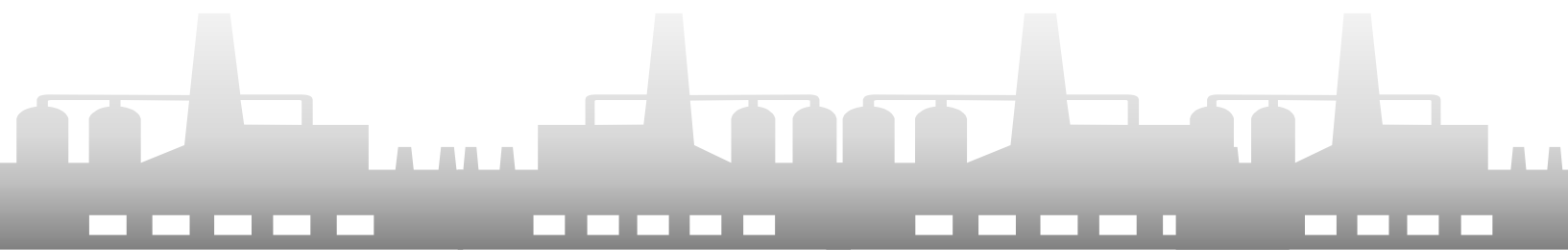
vijayawada@citdindia.org

**Phone:**

08924-282600/601/602/603/604/605



# Assam





## Technology Centre (Tool Room & Training Centre), Guwahati



Tool Room and Training Centre (TRTC), Guwahati has been established by Government of India to cater tooling and training need of industries. TRTC has been registered as Government of India Society under Society Registered Act 1860 on 24th February 2000. Tool Room is working since 2002.

TRTC, Guwahati is specialized for training in the area of Welding, Electrical, Plumbing, Mechatronics, CAD, CAM, CAE, Precision Machining in CNC & Conventional, Designing & Manufacturing of Moulds, Tools, Dies, Home Appliance Repairing, Information and Communication Technology etc. It also provides precision machining works and manufacturing of moulds, dies, tools, jigs, fixtures etc. for industries.

TRTC, Guwahati provides placement and engagement of trainees in different establishment and assists to set up own unit after completing the training programme.

### Activities

- ❖ To conduct long term courses for Engineering and Manufacturing Industries.
- ❖ To conduct different Skill Based Training Programme to support the unemployed youth.
- ❖ To conduct short term training courses in CAD/CAM, CNC Machining, Precision Machining, Welding, Electrical, Plumbing, Information & Computer Technology and Tailor made programmes as per the need of industries.
- ❖ Design & Manufacture Precision Tools, Jigs, Fixtures, Dies and Moulds, Precision Components etc. for industries.
- ❖ To provide consultancy services.

### Infrastructure Facilities

S.N.	Name of the machine	Size/ accuracy	Rates per hour including GST
01	CNC Vertical Milling Machine	800 x 350 x 380 mm	Rs. 590/-
02	CNC Vertical Milling Machine	800 x 350 x 380 mm	Rs. 590/-
03	CNC Vertical Milling Machine	400 x 450 x 500 mm	Rs. 590/-
04	CNC Lathe Machine	Ø270 x L400 mm	Rs. 590/-
05	CNC Lathe Machine	Ø250 x L400 mm	Rs. 590/-
06	CNC Lathe Machine	Ø250 x L400 mm	Rs. 590/-
07	CNC Wire Electro Discharge Machine	400 x 300 x 250 mm	Rs. 708/-
08	CNC Wire Electro Discharge Machine	600 x 400 x 350 mm	Rs. 708/-
09	Conventional Milling Machine	1200 x 300 x 300 mm	Rs. 354/-
10	Conventional Lathe Machine	1000 x 3500 mm	Rs. 354/-
11	Conventional Grinding Machine	1000 x 320 x 840 mm	Rs. 354/-

- ❖ Apart from these machines, TRTC, Guwahati is equipped with the state of the art technical software like Auto CAD, CATIA, CREO (Pro-E), Solid Works, Unigraphics (NX), ANSYS, STAAD PRO, PLC, SCADA, CNC Technology etc.

## Technology Centre (Tool Room & Training Centre), Guwahati

### Courses Offered:

S.N.	Name of training programs	Duration	Fees including Tax	NSQF Level	When the program starts
01	Machinist (NCVT/SCVT)	2 years	60,000/-	5	September 2020
02	Turner (NCVT)	2 years	60,000/-	4	September 2020
03	Welder (NCVT)	1 year	30,000/-	3	September 2020
04	Certificate Course in Machine Operation	1 year	88,140/-	3	October 2020
05	Master Certificate Course in CAD/CAM	6 months	44,070/-	6	October 2020
06	Advance Diploma in Computer Hardware & Networking Management	6 months	44,070/-	6	October 2020
07	Certificate Course in Fitter & Rigger	6 months	44,070/-	3	October 2020
08	Certificate Course in CNC Milling	6 months	44,070/-	4	October 2020
09	Certificate Course in CNC Turning	6 months	44,070/-	4	October 2020
10	Graphics & Web Designing	3 months	22,035/-	5	October 2020

### Contact

**Contact Person:** Shri Kajal Kumar Saha, Project Manager  
**Address:** Amingaon Industrial Area, North Guwahati Road, Amingaon, Guwahati - 781031  
**Website:** [www.trtcguwahati.org](http://www.trtcguwahati.org)  
**Email:** [trtcghy@hotmail.com](mailto:trtcghy@hotmail.com)  
**Phone:** 9864058962



# Bihar



## Extension Centre of IDTR at Patna (TRTC) Bihar

Tool Room & Training Center at Patna (Bihar) is an extension center of MSME Technology center, Jamshedpur. It was established in the year 2015 with the help of the Central Government and State Government. It has got State of the Art facilities with sophisticated plant, machinery, Labs, Class Rooms, & other infrastructure. The Centre manufactures intricate high precision Tools, Dies, Jigs, Fixtures, Moulds & precision components. It provides technological support & skilled manpower to MSMEs & Industries.

In the recent past TRTC Patna has Indigenously Developed Import substitute items viz. Rotor Hub and K-Torn Knife for Ordnance Factory Nalanda, Bihar. TRTC has manufactured Precision components viz. Helical Gear with Shaft and Filling Fixture M-92 for Ordnance Factory Nalanda, Bihar and also Manufactured Injection Mould for LED bulb and Blow Mould for shampoo bottle for MSME.

### Infrastructure Facilities

S. N.	Name of the machine - Make	S. N.	Name of the machine- Make
1.	CNC milling m/c – BFW Chandra	09.	CNC Turning– LT-16LM
2.	CNC Machining Center-BFW-BMV 3ST12	10.	CNC Turning– HYTECH
3.	CNC Milling - Jyoti	11.	CNC Turning– BFW -ORBITER+
4.	CNC Milling – S&T	12.	Coordinate measuring machine – Accurate/Spectra 564
5.	CNC Milling – ACE-MCV - 350L	13.	3D Printers Polymer -Felix Pro 1
6.	Surface Grinding– Kent/KGS-250H	14.	Muffle Furnace- Dolphin
7.	Cylindrical Grinding – PMT/500/150H	15.	CNC EDM-EMTL/Expert 1
8.	Tool & Cutter Grinder- UTCG FMI-80	16.	CNC WEDM-EMTL/Ultima 2F

For details on the all machines and facilities kindly visit our website [www.idtr.gov.in](http://www.idtr.gov.in)

- ❖ TRTC is equipped with the state-of-the-art technical software such as: AutoCAD, I-DEAS, NX, Catia, Pro-Engineer, Formability Software, Solid works, CubePro (3D Printing), Ansys etc.

## Extension Centre of IDTR at Patna (TRTC) Bihar

### Courses Offered

S. N.	Name of Training program	Duration	Fees incl Tax, Rs	NSQF Level	Program starts
1.	Post Diploma in Tool Design & CAD/ CAM	1 Year	66000	6	Apr/ Oct
2.	Condensed Course Tool & Die Making	1 Year	66000	4	Apr/ Oct
3.	Advance Certificate Course Inspection & QC	6 Month	33000	5	Apr/Jul/Oct/Jan
4.	Certificate Course in CNC Milling / Turning	6 Month	33000	4	Apr/Jul/Oct/Jan
5.	Advanced Diploma CNC Programming	6Month	33000	6	July/Jan
6.	Advanced Automation Machine & Maintenance Diploma	6 Month	33000	6	Apr/Jul/Oct/Jan

### Contact

<b>Contact Person:</b>	Mr. Ashutosh Kumar, General Manager (I/C)
<b>Address:</b>	Patliputra Industrial Estate, Patna 800 013
<b>Website:</b>	<a href="http://www.patna.idtr.gov.in">www.patna.idtr.gov.in</a>
<b>Email:</b>	NA
<b>Phone:</b>	+91 9431301688, +91 8340195206



# Chhattisgarh



## MSME TC Durg, Chhattisgarh



MSME Technology Centre Durg is a Ministry of MSME, Government of India organization which has been established under World Bank Assisted “Technology Centre Systems Program (TCSP)”. The Centre is managed by a Government of India Society administered through a Governing Council under the Chairmanship of Additional Secretary & Development Commissioner (MSME).

### Objective

- ❖ Skilling of manpower by offering, Industry oriented & skill-based Training in the field of design, Tools Manufacturing, Precision manufacturing, Automation etc. to the youth at varying levels ranging from school dropouts to graduate engineers
- ❖ Manufacturing of Tools(Jigs & Fixtures), Gauges and Precision parts preferably for MSMEs thus providing access to advanced manufacturing Technologies
- ❖ Providing technical and business advisory support to MSMEs in the area of design & development and manufacturing.

MSME TC Durg campus is spread over 25 Acres. It consist of Administrative Block, Training Block, Production Block & Cafeteria Block along with dedicated Staff accommodation(limited) Executive Hostel, Boys Hostel and Girls Hostel.

- ❖ Training Block of the Centre is equipped with state of art facilities which includes CAD CAM, Hydraulics & Pneumatics, CNC Simulation, Industrial Automation, Robotics, AR/VR labs and Latest CNC Machines workshop.
- ❖ Production Block is going to equipped with latest machineries like 5 axis Machining, 3D CMM, CNC Milling & Turning, CNC EDM, Vacuum Heat Treatment, Die Testing etc.

### Infrastructure Facilities

	Name of the machine	Size/ accuracy	Rates/Hour
1	Conventional Milling Machine	1555 mm X 315 mm	Rs. 400/Hr
2	Conventional Surface Grinding Machine	220 mm X 620 mm	Rs. 450/Hr
3	Conventional Cylindrical Grinding Machine	500 mm X D-130 mm	Rs. 600/Hr
4	3 axis CNC Machining Centre with ATC	550 mm X 400 mm X 500 mm /±10 μ	Rs. 800/Hr
5	CNC Turning Centre	450mm X 350 mm X D-200 mm/ ±10 μ	Rs. 525/Hr
6	EDM Die Sinking Machine	350mm X 250 mm X 250 mm/ 5 μ	Rs. 1500/Hr

**Courses  
Offered**

S.N.	Course Name	Duration	Fee In Rs. (Including Tax)	NSQF Level	When The Program Starts
1	Auto Cad-Mechanical	96 Hrs	7100	Exempt	1st Week of Every Month
2	Master Cam	96 Hrs	8100	Exempt	1st Week of Every Month
3	DelCam	96 Hrs	8100	Exempt	1st Week of Every Month
4	CNC Programming- Milling	96 Hrs	8100	Exempt	1st Week of Every Month
5	CNC Programming- Lathe	96 Hrs	8100	Exempt	1st Week of Every Month
6	CNC Machining- Milling	96 Hrs	8100	Exempt	1st Week of Every Month
7	CNC Machining- Lathe	96 Hrs	8100	Exempt	1st Week of Every Month
8	Catia-V5	96 Hrs	8100	Exempt	1st Week of Every Month
9	CREO	96 Hrs	8100	Exempt	1st Week of Every Month
10	Unigraphics-Nx	96 Hrs	8100	Exempt	1st Week of Every Month
11	SolidWorks	96 Hrs	8100	Exempt	1st Week of Every Month
12	Ansys	96 Hrs	8100	Exempt	1st Week of Every Month
13	Auto Cad-Civil	96 Hrs	7100	Non-exmpt	1st Week of Every Month
14	Electrical Cad	96 Hrs	7100	Exempt	1st Week of Every Month
15	Electro Hydraulic	48 Hrs	3100	Non-exmpt	1st Week of Every Month
16	Automation with pneumatics using plc	48 Hrs	3100	Non-exmpt	1st Week of Every Month
17	Embedded systems	96 Hrs.	3100	Exempt	1st Week of Every Month
18	Python Programming	96 Hrs.	3100	Non-exempt	1st Week of Every Month
19	Solar PV System	96 Hrs.	8100	Non-exempt	1st Week of Every Month
20	Verilog	96 Hrs.	3100	Non-exempt	1st Week of Every Month
21	C, C++ Programming	96 Hrs.	3100	Non-exempt	1st Week of Every Month
22	Computer Hardware & Networking	96 Hrs	4100	Exempt	1st Week of Every Month
23	Certificate Course in Machine Operations	1 Year/1560 Hrs.	18800	3	Oct month Every Year
24	Condensed Certificate Course in Tool & Die Making	1 Year/1560 Hrs.	66800	5	Oct month Every Year
25	Advance Certificate Course in CNC Machining	1 Year/1560 Hrs.	34800	5	Oct month Every Year



## MSME Technology Centre Durg, Chhattisgarh

### Courses Offered

S.N.	Course Name	Duration	Fee In Rs. (Including Tax)	NSQF Level	When The Program Starts
26	Advance Certificate Course in Machine Maintenance	1 Year/1560 Hrs.	32800	5	Oct month Every Year
27	Post Diploma in Tool Die & Manufacturing	1 Year/1560 Hrs.	54800	6	Oct month Every Year
28	Advance Diploma in CNC Programming Techniques & Practice	6 Months / 900 Hrs.	34800	6	Apr & Oct month of Every Years
29	Master Certificate Course in CAD/CAM	6 Months / 780 Hrs.	36800	6	Apr & Oct month of Every Years

### Services Offered

- ❖ Industry & Skill based (NSQF aligned & exempted) short, medium & long Terms Training programs
- ❖ AICTE Approved Diploma Courses (Dip. In Tool & Die Making and Dip. in Mechatronics)
- ❖ Design & Drafting projects of Industries using latest CAD Software's MSME TC Durg can organize below Training Programs

### Contact

**Contact Person:** Shri R K Tandekar, DGM  
**Address:** Plot-2D, Sector B, Borai Industrial Growth Centre at Rasmada, Dist-Durg-491001, Chhattisgarh  
**Website:** [www.msmetcdurg.org](http://www.msmetcdurg.org)  
**Email:** [msmetcdurg@gmail.com](mailto:msmetcdurg@gmail.com)  
**Phone:** +91-9900205674



# Delhi



## Extension Centre of PPDC Agra at New Delhi



Extension Centre- New Delhi, is set up to serve & support the MSME Sector through its various services which include Skill & Entrepreneurship Development, support in availing Ministry of MSME Schemes etc. The EC is equipped with the state of the art technical software like TALLY AUTOCAD.

### Courses Offered

S. N.	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
1	Advanced Computer Hardware & Networking Management	780 hrs	33000	5	Sept. 2020
2	NIELIT "O" Level	480 hrs	18500	5	
3	Six Sigma Tools	64 hrs	10000	-	
4	Export – Import Documentation & Procedure	32 hrs	5000	-	
5	Digital Marketing	32 hrs	5000	-	

### Contact

<b>Contact Person:</b>	Shri Aishwary Awasthy
<b>Address:</b>	Extension Center, New Delhi – C/o Br. MSME DI, 2nd Floor, Connaught, Circus, Opp. L Block, New Delhi
<b>Website:</b>	<a href="http://www.ppdcaagra.dcmsme.gov.in/extncentre.html">http://www.ppdcaagra.dcmsme.gov.in/extncentre.html</a>
<b>Email:</b>	<a href="mailto:aishwary.msmetdc@gmail.com">aishwary.msmetdc@gmail.com</a>
<b>Phone:</b>	7500090059

## Extension Center of ESTC Ramnagar at New Delhi (MSME DI, CP, New Delhi)



Extension Centre, New Delhi caters to skill development needs for the youth and industry workers with minor services to Industries

### Infrastructure Facilities

S. N.	Name of the machine	Size/ accuracy	Rates per hour
1	Animation Lab	Any Size	Based on Design
2	Polymer 3D Printer	Small	200
3	ESDM Machines (Robot, PLC & Others)		N/A
4	AR/VR (Being Setup)		Based on Design
5	Mechanical, Electronics & Programming Software's		Based on Work

❖ Apart from these machines, the EC is equipped with the state-of-the-art Samsung Technical School and technical software such as Solid Works, Revit, AutoCAD, MATLAB, Animation related and others.

### Courses Offered

S. N.	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
1.	Short Term NSQF Courses	< 6 Months	Up to 20000/-	3-4	Refer Calendar
2.	Customised Courses	< 1 Months	Up To 15000/-	N/A	Refer Calendar
3.	Entrepreneurship Courses	< 1 Months	Up To 5000/-	N/A	Refer Calendar
4.	Weekend Workshops	2 Days	Up To 7000/-	N/A	Refer Calendar
5.	NIELIT Course	1 Year	Up to 30000/-	3-4	Refer Calendar

### Contact

**Contact Person:** Ms. Alka Bhat, Jr. Scientific Officer  
**Address:** MSME Extension Centre, Bal Sahyog, in Front of L-Block, Outer Ring Road, Connaught Place New Delhi-110001  
**Website:** [http://estcindia.com/ESTC\\_Delhi\\_Centre.php](http://estcindia.com/ESTC_Delhi_Centre.php)  
**Email:** [estc.sts@gmail.com](mailto:estc.sts@gmail.com)  
**Phone:** 8194060459



# Gujarat



## Technology Centre (Indo German Tool Room), Ahmedabad



Indo German Tool Room, Ahmedabad – a professional state of the art Training & Production center, Govt. of India institute under the Ministry of MSME was established in the year 1992. IGTR is the icon of Gujarat State and the vibrating symbol of Indo-German co- operation aimed at promoting a purposeful technical education for the youth of Gujarat. The organization was actively supported with generous assistance from the German Government, GIZ, a development agency in Germany, the Government of India and the State Government of Gujarat.

### Services Offered

The Production Centre is instrumental for promoting development and manufacturing of high tech tools to produce quality products, providing technical services for improving manufacturing processes and products. High tech services like 3D Printing, inspection on CMM, Blue light scanner and reverse engineering are also being offered. The Production Centre is equipped with state of the art production facilities at par with European standard. Tool Room is providing one window solution to customer, from Concept to Creation.

### Courses Offered

The Technology Centre offers its programmes at various levels starting from Masters, Post Graduate, Post Diploma, Diploma, Certificate and school dropouts in the area of Tool Engineering, CNC Technology, CAD/CAM/CAE, Robotics, Mechatronics etc. IGTR conducting employable skill development training program for tribal and Scheduled Caste youth, sponsored by Govt. of Gujarat. The practical oriented programmes are a good blend of practical & theory and will focus for all round development of trainees to use their knowledge, skills and abilities from the day one in the institute. Thus the trainees of IGTR are well accepted by the industries in India and abroad for employment. Almost 95% of trainees are recruited every year through campus interviews.

## Technology Centre (Indo German Tool Room), Ahmedabad

### Courses Offered

S.N	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
<b>Long Term Course</b>					
1.	Diploma In Tool & Die Making (DTM) (AICTE Approved)	4 years	176000.00	AICTE	August every year
2.	Certificate In Machinist-tool Room (CMT) (Recognized By Directorate Of Employment And Training-det)	(2+1) years	64000.00	SCVT	August every year
3.	Diploma In Tool & Die Engineering	3 years	180000.00	Level 5	August every year
4.	Condensed Course In Tool & Die Making (CCTDM)	1 year	66000.00	Level 4	August & February every year
5.	Post Graduate Diploma In Tool Design & CAD/CAM (PGTDCC)	1 ½ years	100000.00	Level 8	August & February every year
6.	Post Diploma In Tool Designs & CAD/CAM (PDTDCC)	1 year	60000.00	Level 6	August & February every year
7.	Post Diploma In CNC Machine Maintenance (PDCMM)	1 year	60000.00	Level 6	October every year
8.	Post Diploma In CAD/CAM (PDCC)	1 year	60000.00	Level 6	September every year
9.	Post Diploma In Mechatronics (PDIM)	1 year	70000.00	Level 6	August & February every year
10.	Post Diploma In Industrial Automation & Robotics (PDIAR)	1 year	70000.00	Level 6	August & February every year

## Courses Offered

**MEDIUM TERM COURSES**

1. Master Certificate Course In Cad Cam	780 Hrs	40,000.00	Level 6	August & February every year
2. Master Certificate Course In CNC Technology	780 Hrs	40,000.00	Level 6	August & February every year
3. Master Certificate Course In Mechatronics	780 Hrs	40,000.00	Level 6	August & February every year
4. Master Certificate Course In Automation And Process Control	780 Hrs	36,000.00	Level 7	August & February every year
5. Advanced Diploma In Computer Hardware And Network Management	780 Hrs	25,000.00	Level 6	August & February every year
6. Certificate Course In 3d Animation & Special Effects	500 Hrs	60,000.00	Level 4	Every alternate 3 months
7. Certificate Course In CNC Milling	780 Hrs	18,000.00	Level 4	August & February every year
8. Certificate Course In CNC Turning	780 Hrs	18,000.00	Level 4	August & February every year

**SHORT TERM COURSES**

1. CNC Machinist (CCM)	416 weeks	28320.00	NON-NSQF	Every month
2. Graphics & Web Designer	390Hrs	35400.00	LEVEL 5	Every alternate 3 months
3. AUTOCAD	96 hrs	5900.00	Certificate Course	Every 1 <sup>st</sup> & 3 <sup>rd</sup> Monday of month
4. CREO Parametric	96 hrs	15340.00	Certificate Course	



## Technology Centre (Indo German Tool Room), Ahmedabad

SHORT TERM COURSES							
Courses Offered	5.	Solidworks	96 hrs	15340.00	Certificate Course	Every 1st & 3rd Monday of month	
	6.	Catia	96 hrs	17700.00	Certificate Course		
	7.	Delcam	96 hrs	15340.00	Certificate Course		
	8.	Mastercam	96 hrs	15340.00	Certificate Course		
	9.	Unigraphics	96 hrs	15340.00	Certificate Course		
	10	Ansys	96 hrs	22420.00	Certificate Course		
	11	Hypermesh	96 hrs	30680.00	Certificate Course		
	12	Revit Architecture	96 hrs	14160.00	Certificate Course		
	13	3ds Max	96 hrs	11800.00	Certificate Course		
	14	CNC Machining On Lathe	96 hrs	14160.00	Certificate Course		Every 2nd & 4th Monday of month
	15	CNC Machining On Milling	96 hrs	14160.00	Certificate Course		
	16	CNC Programming On Lathe	96 hrs	14160.00	Certificate Course		

### Contact

**Contact Person:** Shri Indrakumar Hariramani  
**Address:** Indo German Tool Room, Plot No. 5003, Phase – IV, GIDC , Vatva, Ahmedabad – 382 445  
**Website:** [www.igtrahd.com](http://www.igtrahd.com)  
**Email:** [gm@igtrahd.com](mailto:gm@igtrahd.com)  
**Phone:** 09662035200

## Extension Centre of IGTR Ahmedabad at Vadaj, Ahmedabad



Extension Centre, Vadaj, Ahmedabad is one of the 4 extensions centres under IGTR, Ahmedabad. The main purpose of this EC is to serve the MSMEs in the region of Ahmedabad and provide training in the field of Computer Animated Software & CAD/CAM/CAE software

### Infrastructure Facilities

	Name of the machine	Size/ accuracy	Rates per hour
1	Computer system	21 nos	--

### Courses Offered

S.N	Name Of Training Programs	Duration	Fees Including Tax	NSQF Level	When The Program Starts
1.	Computer Hardware & Networking Certificate Course	96 Hrs	14160.00	Certificate Course	Every Month
2.	In 3d Animation & Special Effects	500 Hrs	60,000.00	Level 4	Every Alternate 3 Months
3.	Delcam	96 Hrs	15340.00	Certificate Course	1st And 15th Date Of The Month
4.	AUTOCAD	96 Hrs	5900.00	Certificate Course	1st And 15th Date Of The Month
5.	Master Certificate Course In CAD CAM	780 Hrs	40,000.00	Level 6	Every Alternate 3 Months

### Contact

**Contact Person:** Mr. Dhruv Chavada  
**Address:** Indo German Tool Room, 503, Poonam Arcade, Bhimajipura New Vadaj 380013  
**Website:** <https://igtrahd.com>  
**Email:** cdhruv@yahoo.com  
**Phone:** 9725882293

## Extension Centre of IGTR Ahmedabad at Rajkot



EXTENSION CENTRE, Rajkot is one of the 4 extensions centres under IGTR, Ahmedabad. The main purpose of this EC is to serve the MSMEs in the region of Rajkot and provide training in the field of Computer Animated Software & CAD/CAM/CAE software.

### Infrastructure Facilities

	Name of the machine	Size/ accuracy	Rates per hour
1	Computer system	40 nos	

### Courses Offered

S.N	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
1.	Computer Hardware & Networking	96 hrs	14160.00	Certificate Course	Every Month
2.	Certificate Course In 3d Animation & Special Effects	500 HRS	60,000.00	Level 4	Every Alternate 3 Months
3.	Delcam	96 hrs	15340.00	Certificate Course	1st And 15th Date Of The Month
4.	AUTOCAD	96 hrs	5900.00	Certificate Course	1st And 15th Date Of The Month
5.	Master Certificate Course In CAD CAM	780 HRS	40,000.00	Level 6	Every Alternate 3 Months
6.	Revit Architecture	96 hrs	14160.00	Certificate Course	Every Month

### Contact

<b>Contact Person:</b>	Mr. Dhruv Chavada
<b>Address:</b>	Indo German Tool Room, 4th Floor Annex Building Amruta Estate Near Girnar Cinema, M.G Road Rajkot- 360001
<b>Website:</b>	<a href="http://www.igtrahd.com">www.igtrahd.com</a>
<b>Email:</b>	cdhrupesh@yahoo.com
<b>Phone:</b>	9725882293

## Extension Centre of IGTR Ahmedabad at Bilimora



Extension Centre, Bilimora is one of the 4 extensions centres under IGTR, Ahmedabad. The main purpose of this EC is to serve the MSMEs in the region of Bilimora and provide training in the field of Computer Animated Software.

### Infrastructure Facilities

S.N.	Name of the machine	Size/ accuracy	Rates per hour
1	Computer system	25 nos	

### Courses Offered

S.N	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
1.	Computer Hardware & Networking	96 hrs	14160.00	Certificate Course	Every month
2.	Certificate Course In 3D Animation & Special Effects	500 HRS	60,000.00	Level 4	Every alternate 3 months
3.	AUTOCAD	96 hrs	5900.00	Certificate Course	1st and 15th date of the month

### Contact

**Contact Person:** Mr. Dhruv Chavada

**Address:** Indo German Tool Room, Plot No -88/A, Gidc Main Road , Antalia, Industrial Estate, Near Ganpati Mandir, Chikhli -Bilimora Road, Bilimora. Navsari 396325

**Website:** [www.igtrahd.com](http://www.igtrahd.com)

**Email:** cdhruv@yahoo.com

**Phone:** 9725882293

## Extension Centre of IGTR Ahmedabad at Umbergaon



EXTENSION CENTRE, Umbergaon is one of the 4 extensions centres under IGTR, Ahmedabad. The main purpose of this EC is to serve the MSMEs in the region of Umbergaon and provide training in the field of Computer Animated Software

### Infrastructure Facilities

	Name of the machine	Size/ accuracy	Rates per hour
1	Computer system	25 nos	

### Courses Offered

S.N	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
1.	Computer Hardware & Networking	96 hrs	14160.00	Certificate Course	Every month
2.	Certificate Course In 3d Animation & Special Effects	500 HRS	60,000.00	LEVEL 4	Every alternate 3 months

### Contact

**Contact Person:** Mr. Dhruv Chavada  
**Address:** Indo German Tool Room, GIDC Umargam Plot No R/2, Near GIDC Post Office, Station Road Umargam 396171  
**Website:** [www.igtrahd.com](http://www.igtrahd.com)  
**Email:** cdhruv@yahoo.com  
**Phone:** 9725882293

## Extension Centre of IGTR Ahmedabad at Bhavnagar



Two new Extension centers are being set up at Sanad and Bhavnagar under Hub and Spoke Scheme of the Ministry of MSME. These two spokes will function with IGTR Ahmedabad and take all support from it for serving the youth and MSMEs of the region.

Most of the Engineering and other manufacturing units are located at Bhavnagar. Our EC will be equipped with all latest machineries suitable for manufacturing products benefitted for industries located at Bhavnagar. The EC will start training on various engineering related courses.

We have already started the process of purchase of machineries and expected to start EC at the earliest.

### Infrastructure Facilities

	Name of the machine	Size/ accuracy	Rates per hour
	A. Conventional Machines		Purchase process is ongoing, we will finalize the rate per hour after meeting with various Industrial Associations.
1	Conventional Milling-	1000*200*380	
2	Conventional Lathe	200*750	
3	Surface Grinding	400*150*300	
4	Cylindrical Grinding	150*550	
5	Tool & Cutter Grinder	150*750	
6	Work benches with Tool Assembly Kit		
7	Pillar Drilling Machine (25 mm)	25mm	
8	Radial Drilling Machine (50mm)	50mm	
9	Hand Injection Mould	30 Ton	
	B. Advanced Machines		
10	CNC-Milling Machine	600*400*400	
11	CNC Lathe	200*400	
12	CNC EDM Wire Cut	300*200*100	
13	CNC EDM Die Sinking	200*200*150	
14	CNC Milling & Lathe Simulation Modules with multiple Controller		
15	CMM + Metrology	500*500*400	
	C. Training Infrastructure		
16	Teaching aids (Audio Visual)		
17	Material Handling Equipment Trolley (2 No.), Jib Crane 1 Ton (1 No.)		
18	Teaching aids (Smart Board)		
19	CAD/CAM Software License	various	
	D. Industry 4.0 Infrastructure		
20	Automation & Robotics Lab	3 robots	

## Extension Centre of IGTR Ahmedabad at Bhavnagar

### Infrastructure Facilities

	Name of the machine	Size/ accuracy	Rates per hour
1	5 Axis CNC Milling	800*650*550mm	Purchase process is ongoing, we will finalize the rate per hour after meeting with various Industrial Associations.
2	CNC VMC - 3 axis	1250*650*600mm	
3	CNC EDM Wire Cut	600*400*350mm	
4	CNC EDM Die Sinking	600*400*400mm	
5	Surface Grinding	1000*500mm	
6	Cylindrical Grinding	250*1000mm	
7	Conventional Lathe	400*1200mm	
8	Radial drill machine	63mm	
9	Injection Moulding Machine	200 Tonne	
10	CNC 3D Coordinate Measuring Machine / Rubber Testing	1000*1600*900mm	
11	ESD Assembly Work Station	1500* 800*1500mm	
12	Work Benches with Bench Vices & Hand tools		
13	Auxilliary Equipts (Drill m/c, pedestrial grinder, trollies etc.)	1 Lot	
14	Material Handling Equipment - Trolley (2 no.) and EoT 5 Ton		
15	Compressor (approx. 125 CFM) Including piping and accessories	125 CFM	
16	CAD/CAM Software	1 Lot	
17	Scanning/Drafting/Printing		
18	CAD-CAM Workstations		

- ❖ Apart from these machines, the EC will be equipped with the state of the art technical software like Autocad; MasterCAM; Solid Works; NX; CREO; Catia; Ansys; MTS; DelCAM; SCADA; VLSI; MAYA; 3DS MAX; MS Office; Revit

### Courses Offered

S.N	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
1.	Certificate In Machinist-tool Room (CMT)	(2+1) years	64000.00	(LEVEL 5)	August every year
2.	Post Graduate Diploma In Tool Design & CAD/CAM (PGTDCC)	1 ½ years	100000.00	LEVEL 8	August & February every year
3.	Post Diploma In Tool Design & CAD/CAM (PDTDCC)	1 year	60000.00	LEVEL 6	August & February every year
4.	Post Diploma In CNC Machine	1 year	60000.00	LEVEL 6	October every year

### Courses Offered

Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
5. Post Diploma In CAD/CAM (PDCC)	1 Year	60000.00	Level 6	September every year
6. Post Diploma In Mechatronics (PDIM)	1 Year	70000.00	Level 6	August & February every year
7. Post Diploma In Industrial Automation & Robotics (PDIAR)	1 Year	70000.00	Level 6	August & February every year
8. Master Certificate Course In CAD CAM	780 Hrs	40,000.00	Level 6	August & February every year
9. Master Certificate Course In CNC Technology	780 Hrs	40,000.00	Level 6	August & February every year
10. Master Certificate Course In Mechatronics	780 Hrs	40,000.00	Level 6	August & February every year

### Contact

**Contact Person:** Mr. Vishal Kumar  
**Address:** Indo German Tool Room, Plot no. 383, Chitra GIDC, Bhavnagar - 364004  
**Website:** [www.igtrahd.com](http://www.igtrahd.com)  
**Email:** mnpigtr@gmail.com  
**Phone:** 9099041992



## Extension Centre of IGTR Ahmedabad at Sanand



Two new Extension centers are being set up at Sanand and Bhavnagar under Hub and Spoke Scheme of the Ministry of MSME. Most of the leading auto manufacturing industries like TATA, Ford etc. are located at Sanand. It is considered as hub of auto industries. We will start a mini tool room with all kind of manufacturing facilities and also impart training for beneficial for industries and also for youths.

These two spokes will function with IGTR Ahmadabad and take all support from it for serving the youth and MSMEs of the region. The possession was taken on 25/8/2020. The building is ready with internal electrical connections. We are applying for water connection. The electrical connection is in process to apply. We have already started the process of purchase of machineries and expected to start EC at the earliest. Tender procedure of machine purchase is under process.

### Infrastructure Facilities

S.N.	Machines / Equipment / Software / Other Items with Basic Specs	SIZE	Quantity
1	Conventional Milling Machine- V-H-U	1000x200x380	4
2	Conventional lathe	200x750	4
3	Surface Grinding	400x150x300	1
4	Cylindrical Grinding	150x550	1
5	Tool and Cutter Grinder	150x750	1
6	Work benches with tool assembly Kit.		10 sets
7	Pillar Drilling Machine 25mm	25m m	1
8	Radial drilling Machine 50mm	50mm	1
9	Hand Injection Moulding Machine -	30T	1
10	CNC-Milling Machine	600*400*400	2
11	CNC Lathe	200*400	01
12	CNC EDM Wire Cut	300*200*100	1
13	CNC EDM Die Sinking	200*200*150	1
14	CNC Milling & Lathe Simulation Modules with multiple Controller		10
15	CMM + Metrology	500*500*400	1
16	Teaching aids (Audio Visual)		10
17	Material Handling Equipment Trolley (2 No.), Jib Crane 1 Ton (1 No.)		1
18	Teaching aids (Smart Board)		05
19	CAD/CAM Software License	various	100
20	Automation & Robotics Lab	3 robots	1

### Infrastructure Facilities

S.N.	Machines / Equipment / Software / Other Items with Basic Specs	SIZE	Quantity
21	Computers for CAD/CAM/CAE Labs	Latest	75
22	Furniture for labs		60
23	Maintenance Lab		1
24	Classroom Furniture @ 60 seats		4
25	Civil works to be carried out	various	1

- ❖ Apart from these machines, the EC will be equipped with the state of the art technical software like Unigraphics, Master Cam, Solid Works, Ansys, Delcam, Hypermesh, AR/VR, Mold Flow Analysis, Die Casting Analysis.

### Courses Offered

Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
1 Tool DESIGN/ CAD/ CAM	1 Years	60000		
2 Plc Programing	4 Weeks	12000		
3 Industrial Automation Design	1 Year	70000		
4 Computer Integrated Manufacturing	6 Months	40000		
5 Certificate Course In Maintenance	1 Year	60000		
6 Entrepreneurship Development Programme	Short Term	Yet To Decide		On Advertisement

### Contact

<b>Contact Person:</b>	Shri Ketan Panchal (Centre Incharge)
<b>Address:</b>	Extension Center, Indo German Tool Room, Plot no. MD-1/1, Sanand-II, industrial estate, GIDC, Sanand-II.
<b>Website:</b>	<a href="https://www.igtrahd.com/">https://www.igtrahd.com/</a>
<b>Email:</b>	<a href="mailto:igtrsanand@gmail.com">igtrsanand@gmail.com</a>
<b>Phone:</b>	9099041985

## Extension Centre of PPDC Agra at Rajkot (Gujarat)



Extension Centre - Rajkot of MSME TDC (PPDC) - Agra was setup in the year 2016 with the objective of expanding its activities in the Gujarat state. Initially, setup office in the rented space in the premises of NSIC- TSC - Rajkot. Later on, setup and started Entrepreneurship Facilitation Centre (EFC) jointly with Br. MSME DI, Rajkot in their premises and now organising activities of Extension Centre from Br. MSME DI - Rajkot.

Extension Centre - Rajkot has so far trained more than 5000 trainees in various Technical, Management & Entrepreneurship Development Programs. EC-Rajkot has also undertaken Project for setting up of CFCs for Artisans of Copper Coated Bell Metal Clusters at Bhuj. The project is sponsored by Ministry of Textiles, GOI.

### Infrastructure Facilities

Name of the machine	Size/Accuracy	Rates per hour
Computers	-	-

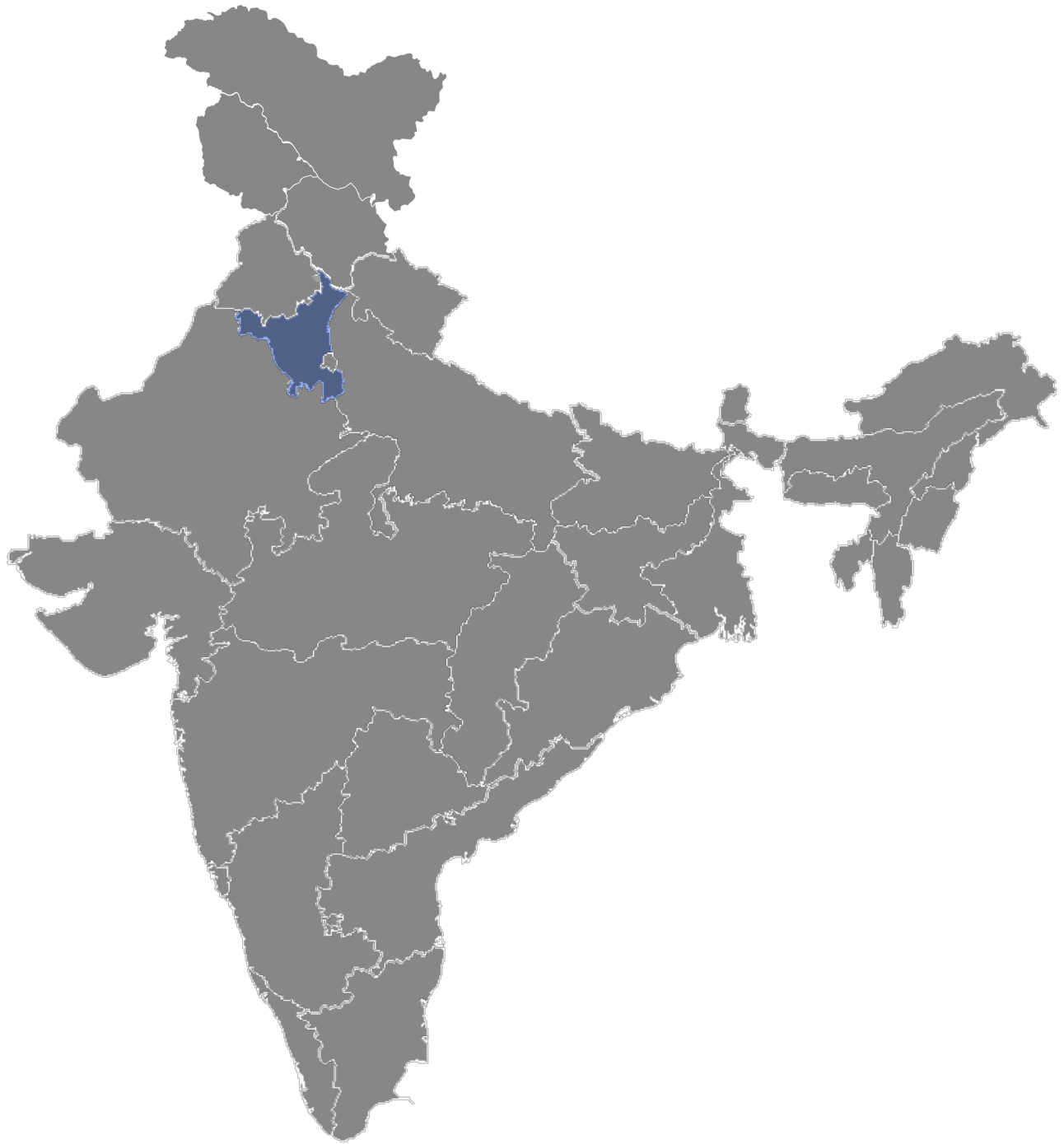
- ❖ Apart from these machines, the EC is equipped with the state of the art technical software like AutoCAD.

### Courses Offered

S. N.	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
1	Advanced Computer Hardware & Networking Management	780 hrs	33000	5	Sept. 2020
2	NIELIT "O" Level	480 hrs	18500	5	
3	Casting Methodologies	32 hrs	2000	-	
4	Lost Foam Technology	16 hrs	1000	-	
5	Investment Casting	32 hrs	2000	-	

### Contact

<b>Contact Person:</b>	Mr. Pravin R. Joshi, Dy. Director Incharge
<b>Address:</b>	Extension Centre – Rajkot, C/o. Br. MSME DI Office, 3rd Floor, Annexe Building, Amrita Jasani Premises, Near Girnar Cinema, Rajkot – 360002
<b>Website:</b>	<a href="http://www.ppdcaagra.dcmsme.gov.in/extncentre.html">http://www.ppdcaagra.dcmsme.gov.in/extncentre.html</a>
<b>Email:</b>	Prj.msme@dcmsme.gov.in / Info@ppdcagra.in
<b>Phone:</b>	9760030043 / 8849804382



# Haryana



## MSME Technology Centre, Rohtak Haryana



MSME Technology Centre, Rohtak, a Non-Profit organization, is setup up under Ministry of Micro, Small and Medium Enterprises, Government of India under its flagship program Technology Centres Systems Programme (TCSP) with World Bank assistance. It is First of its kind of Technology Centre for the State of Haryana. It is a Socio Economic Initiative by

Government of India for the benefit of unemployed youth and industry of the State of Haryana which can be considered as the part of the infrastructure provided by the State / Central Government in this industrial estate in order to facilitate the existing / prospective industry to become competitive at a global level.

### Objective

- ❖ Provide Skill Training in the General Engineering industry.
- ❖ Production support to MSMEs in catchment area.
- ❖ Consultancy Support in the field of Design, Manufacturing, Engineering solutions etc.

### Infrastructure Facilities

Technology Centre is spread over an area of 19.8 acre, consisting of state of an art three floor Training block , Two floor Production Block , Three floor Admin Block with Auditorium with capacity to hold over 200 people, Exclusive cafeteria , Separate Hostel for Girls and Boys and Residential facility for staff . It has latest machinery like EDM & EDM Die Sinking, Conventional Lather and Milling machines, CNC Turning and Milling Centres, Surface & Cylindrical grinding, Vacuum Heat Treatment, Injection Moulding, CMM, Labs like Automation, Language & Communication Pneumatic & Hydraulic, Solar and Welding lab, Software Like Auto CAD, Solidworks, UG, CATIA, DELCAM, Master CAM, Simulation etc

### Courses Offered

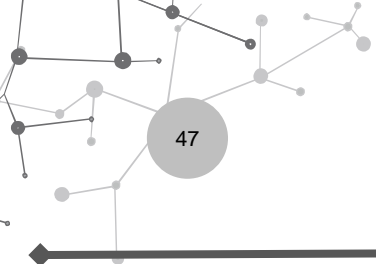
S.N.	Course Name	Duration	Fee In Rs. (Including Tax)	NSQF Level	When The Program Starts
1	Advance Diploma In Tool & Die Making	04 Year	20570/- per year	AICTE & HSBTE Approved	May / June
2	Diploma In Mechatronics	03 Year	20570/- per year	AICTE & HSBTE Approved	May / June
3	Certificate Course in Machinist Tool Room	3120 Hrs	68000/-	NSQF Level 5	July & Jan
4	Advance Certificate Course in CNC Machining	1560 Hrs	40000/-	NSQF Level 5	July & Jan
5	Certificate Course in Machine Operation	1560 Hrs	40000/-	NSQF Level 4	July & Jan

Courses  
Offered

S. R.	Course Name	Duration	Fee In Rs. (Including Tax)	NSQF Level	When The Program Starts
6	Master Certificate Course in Cad/ Cam	780 Hrs	20000/-	NSQF Level 6	Jan, April, July and Oct
7	Master Certificate Course in CNC Technology	780 Hrs	20000/-	NSQF Level 6	Jan, April, July and Oct
8	Master Certificate Course in Mechatronics	780 Hrs	20000/-	NSQF Level 6	Jan, April, July and Oct
9	Certificate Course in CNC Turning	780 Hrs	20000/-	NSQF Level 4	Jan, April, July and Oct
10	Certificate Course in CNC Milling	780 Hrs	20000/-	NSQF Level 4	Jan, April, July and Oct
11	AutoCAD	96 Hrs	4720/-	-	Every Month
12	Solidworks	96 Hrs	8968/-	-	Every Month
13	Catia	96 Hrs	8968/-	-	Every Month
14	CREO Parametric	96 Hrs	8968/-	-	Every Month
15	Unigraphics – NX	96 Hrs	8968/-	-	Every Month
16	Ansys	96 Hrs	8968/-	-	Every Month
17	Del-CAM	96 Hrs	8968/-	-	Every Month
18	Master CAM	96 Hrs	8968/-	-	Every Month
19	Electrical-CAD	96 Hrs	4720/-	-	Every Month
20	Plc Programming	96 Hrs	8968/-	-	Every Month
21	CNC Programming Milling	96 Hrs	8968/-	-	Every Month
22	CNC Programming Lathe (Turning)	96 Hrs	8968/-	-	Every Month
23	CNC Machining Milling	96 Hrs	8968/-	-	Every Month
24	CNC Machining Lathe (Turning)	96 Hrs	8968/-	-	Every Month
25	Six Months Internship ( Btech / Diploma Pursuing )	6 Months	20000/-	-	As per Institution Schedule
26	Four / Six Week Internship (Btech / Diploma Pursuing )	4/6 Weeks	4720/-	-	As per Institution Schedule

\* Tailor Made courses are also conducted as per requirement of Institutions & Industries.

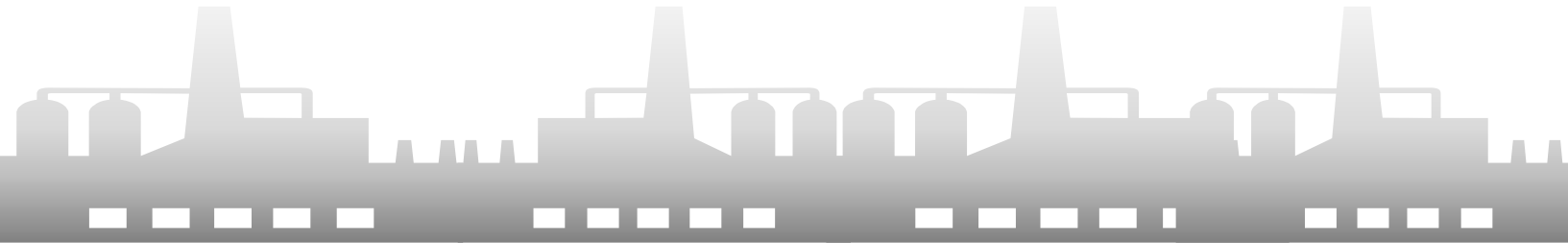
\* We also conduct Govt. Sponsored (Like E-SDP & Employment linked skill development) courses from time to time



# MSME Technology Centre, Rohtak Haryana

## Contact

**Contact Person:** Shri Ashwani Kant, Deputy General Manager  
**Address:** Plot No. 10 & 11, Sector 30 B, IMT, Rohtak, Haryana-124021. It is well connected with National Capital Delhi and state capital Chandigarh  
**Website:** [www.msmetrohtak.org](http://www.msmetrohtak.org)  
**Email:** info@msmetrohtak.org  
**Phone:** +91 9911779960 / 9818067675



## Extension Centre OF CTR, Ludhiana at Nilokheri



EC Nilokheri is situated on Delhi- Chandigarh highway in a small town in district Karnal of Haryana. EC Nilokheri was established by Central Tool Room, Ludhiana as its Extension Centre to provide skilled personnel in manufacturing industries related to press tools, mould, jigs & fixtures in Karnal district. The EC plays a vital role in providing skill development training to students of ITI / Diploma and Engineering colleges in state of Haryana.

### Infrastructure Facilities

	Name of the machine	Size/ accuracy	Rates Rs. per hour
1	CNC Trainer Lathe	Max. Turning Diameter: 32 mm Max. Turning Length: 120 mm	100
2	CNC Trainer Milling	X,Y & Z Travels : 225 x 150 x 115	100

- ❖ Apart from these machines, the EC will be equipped with the state of the art technical software like Unigraphics, Master Cam, Solid Works, Ansys, Delcam, Hypermesh, AR/VR, Mold Flow Analysis, Die Casting Analysis.

### Courses Offered

S. N.	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
1	Certificate Course in CNC Turning	780 Hours	Rs. 45000/-	4	April, 2020 & Oct, 2020
2	Certificate Course in CNC Milling	780 Hours	Rs. 45000/-	4	April, 2020 & Oct, 2020
3	AutoCAD Mechanical	96 Hours	Rs. 4956/-	-	Every Month
4	CREO Parametric	96 Hours	Rs. 9440/-	-	Every Month
5	Solid works	96 Hours	Rs. 9440/-	-	Every Month

### Contact

**Contact Person:** Sh. Anoop Kumar, Incharge of EC  
**Address:** CTR Extension Centre, G T Road, Nilokheri, Distt. Karnal - 132 117 (Haryana)  
**Website:** [www.ctrludhiana.com](http://www.ctrludhiana.com)  
**Email:** nilokheri@ctrludhiana.com  
**Phone:** +91-85680-73457



## Extension Centre of CTR, Ludhiana at Karnal



EC Karnal is situated on Delhi-Chandigarh highway in district Karnal of Haryana. EC Karnal was established by Central Tool Room Ludhiana as its Extension Centre to provide skilled personnel in manufacturing industries related to press tools, mould, jigs & fixtures in Karnal district. The EC plays a vital role in providing skill development training to students of ITI / Diploma and Engineering colleges in state of Haryana.

### Infrastructure Facilities

Name of the machine	Size/ accuracy	Rates per hour
1 CNC Trainer Lathe	Max. Turning Diameter: 32 mm Max. Turning Length: 120 mm	100
2 CNC Trainer Milling	X,Y & Z Travels : 225 x 150 x 115	100

- ❖ Apart from these machines, the EC are equipped with the state of the art technical software like AutoCAD, Solidworks, Unigraphics / NX, MasterCAM, Catia and CNC Simulation softwares.

### Courses Offered

S. N.	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
1	Certificate Course in CNC Turning	780 Hours	Rs. 45000/-	4	April, 2020 & October, 2020
2	Certificate Course in CNC Milling	780 Hours	Rs. 45000/-	4	April, 2020 & October, 2020
3	AutoCAD Mechanical	96 Hours	Rs. 4956/-	-	Every Month
4	CREO Parametric	96 Hours	Rs. 9440/-	-	Every Month
5	Solidworks	96 Hours	Rs. 9440/-	-	Every Month

### Contact

<b>Contact Person:</b>	Sh. Anoop Kumar, Incharge of EC
<b>Address:</b>	CTR Extension Centre, Govt. I.T.I., Kunjpura Road, Karnal - 132 001 (Haryana)
<b>Website:</b>	<a href="http://www.ctrludhiana.com">www.ctrludhiana.com</a>
<b>Email:</b>	nilokheri@ctrludhiana.com
<b>Phone:</b>	+91-85680-73457

## Extension Centre of CTR, Ludhiana at Faridabad



EC Faridabad is situated on Delhi-Agra highway. It is established by Central Tool Room Ludhiana as its Extension Centre in 2015. It was established to provide skilled personnel in manufacturing industries related to press tools, mould, jigs & fixtures in Karnal district. The EC plays a vital role in providing skill development training to students of ITI / Diploma and Engineering colleges in state of Haryana.

### Infrastructure Facilities

	Name of the machine	Size/ accuracy	Rates per hour
1	CNC Trainer Lathe	Max. Turning Diameter: 32 mm Max. Turning Length: 120 mm	100
2	CNC Trainer Milling	X,Y & Z Travels : 225 x 150 x 115	100

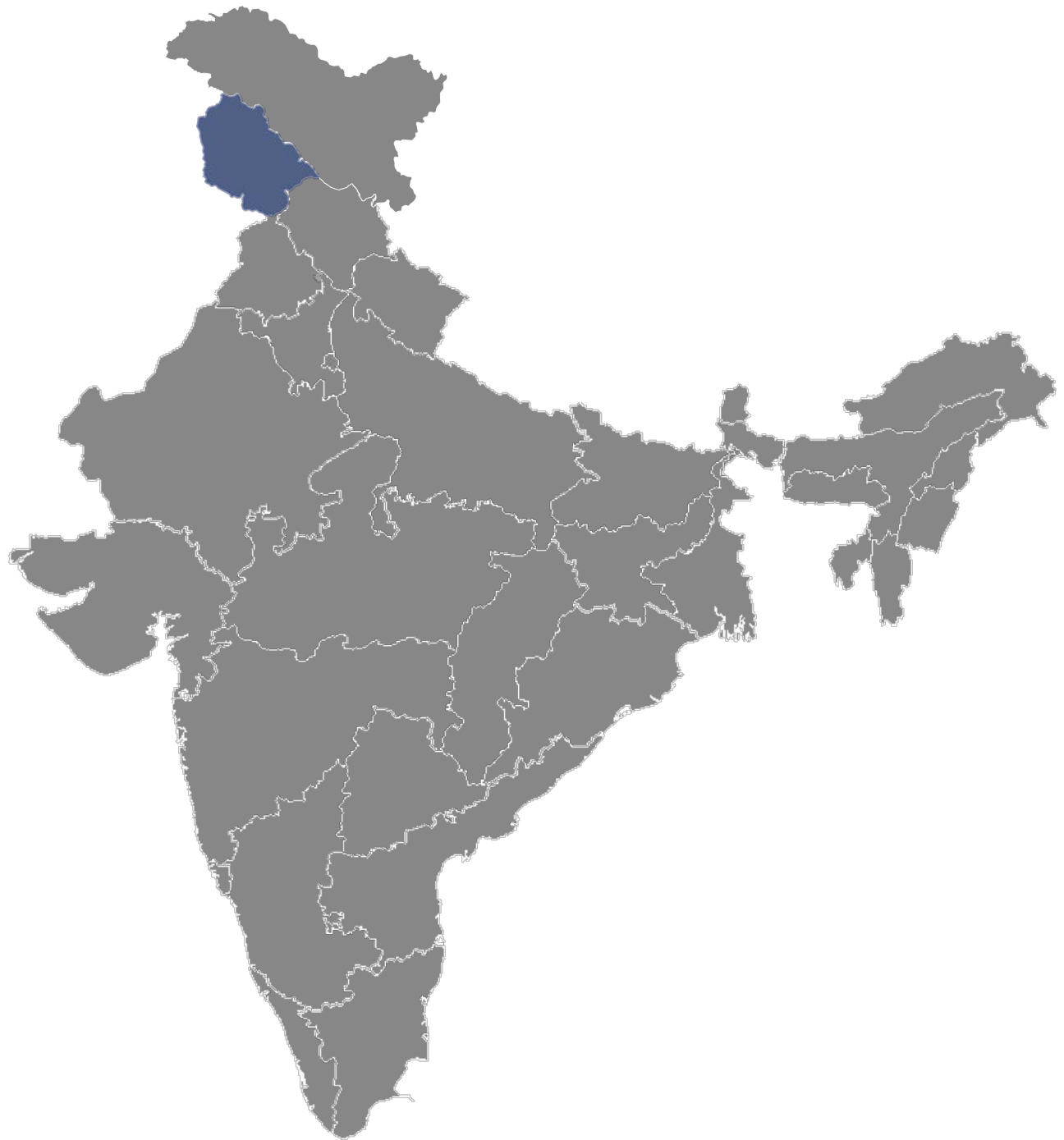
- ❖ Apart from these machines, the EC is equipped with the state of the art technical software like AutoCAD, Solidworks, CREO, MasterCAM, and CNC Simulation Software

### Courses Offered

S. N.	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
1	Certificate Course in CNC Turning	780 Hours	Rs. 45000/-	4	April, 2020 & October, 2020
2	Certificate Course in CNC Milling	780 Hours	Rs. 45000/-	4	April, 2020 & October, 2020
3	AutoCAD Mechanical	96 Hours	Rs. 4956/-	-	Every Month
4	CREO Parametric	96 Hours	Rs. 9440/-	-	Every Month
5	Solidworks	96 Hours	Rs. 9440/-	-	Every Month

### Contact

<b>Contact Person:</b>	Sh. Sukhwant Singh, Incharge of EC
<b>Address:</b>	CTR Extension Centre, Govt. Quality Marking Centre, Govt. ITI Complex, NH-4, Faridabad-121003 (Haryana)
<b>Website:</b>	<a href="http://www.ctrludhiana.com">www.ctrludhiana.com</a>
<b>Email:</b>	faridabad@ctrludhiana.com
<b>Phone:</b>	+91-76966-77970



# Jammu and Kashmir



## Extension Centre of PPDC Agra at Srinagar, J&K



The Ext Centre is located at Sanat Nagar Industrial Estate which largely caters the Iron and Steel MSME units. EC Srinagar majorly involves in repair and maintenance of heavy motor farming vehicles such as tractors, earth movers, farming and Cutting equipment. EC Srinagar also imparts various trainings on Entrepreneurship Development, Management Development, Skill Development Programs, Awareness Programs, AutoCAD, Tally, Typing, Computer Hardware and networking. EC Srinagar has also been a nodal PoC and Implementing agency of various schemes under DC(MSME), benefitting a lot of unemployed youths motivating them to start their own enterprise.

### Infrastructure Facilities

S. N.	Name of the machine	Size/accuracy	Rates per hour
1	Conventional Lathe	Upto 90mm width with accuracy 0.25mm	180
2	Conventional Milling	Plain, Angular, Helical, Vertical, Spur & Bevel Teeth	200
3	Conventional RD Shaper	Plain, Angular, T.Slot, Dove Tail	100
4	Surface Grinding	Surface, Cylindrical tools cutter dies	170
5	Conventional Drilling	Upto 30mm	100
6	Power Hacksaw	Dia 300mm	100
7	Gas Welding	-	150

### Courses Offered

S. N.	Name of training programs	Duration	Fees incl. Tax	NSQF level	When the program starts
1	Certificate Course In Machine operation	1560 hrs	66000	4	From September
2	Advanced Computer Hardware & Networking Management	780 hrs	33000	5	From September
3	NIELIT "O" Level	480 hrs	18500	5	From September

### Contact

**Contact Person:** Mr. Mir Altaf Ahmad / Mr. Ashwin Dhivakar  
**Address:** MSME – TDC (PPDC Agra), Extension Centre Srinagar, Opp. to Industrial Estate, Sanat Nagar, Srinagar – 190005, Jammu and Kashmir  
**Website:** [www.ppdccagra.dcmsme.gov.in](http://www.ppdccagra.dcmsme.gov.in)  
**Email:** ashwin.ppdcc@dcmsme.gov.in  
**Phone:** 9419042651 / 9541245994 / 9779973943

# Extension Centre of PPDC Meerut at Industrial Estate Digiana, Jammu

The Jammu extension centre of PPDC Meerut has been functioning to provide its services to the sports goods industries in Jammu & Kashmir region. The concentration of sports goods units is not very dense in that region and mostly cricket bat manufacturing is done there. Cricket ball manufacturing is also picking up

## Infrastructure Facilities

S. N.	Name of Machine	Rate per Hour
1.	Computers (10 Nos.)	NA (used for training)

- ❖ Apart from these machines, the Extension Center is equipped with the state of the art technical software like Auto CAD and Unigraphics.

## Courses Offered

S. N.	Name of the Course	Duration	Fee (Rs.)	NSQF Level	When the Programme Starts
1.	Certificate Course in Cricket Ball Manufacturing	600 hrs.	20,000/-	4	July/Jan
2.	Certificate Course in Cricket Bat Manufacturing	300 hrs.	6,000	4	August/Feb
3.	Advance Diploma in Computer Hardware and Network Management	780 hrs.	30,000/-	4	July/Jan

## Contact

**Contact Person:** N. S. Raghav  
**Address:** Industrial Estate Digiana, Jammu, J&K.  
**Website:** [www.ppdcmeerut.com](http://www.ppdcmeerut.com)  
**Email:** training@ppdcmeerut.com, info@ppdcmeerut.com, raghava.ppdcmeerut@gmail.com  
**Phone:** 9927808886



# Jharkhand



## Technology Centre (Indo Danish Tool Room) Jamshedpur, Jharkhand



IDTR is an Autonomous Body under Ministry of MSME, Govt. of India. It was established in the year 1991 under the bilateral agreement between Government of India & Government of Denmark. IDTR has its extension centres at Patna – TRTC & Varanasi & is certified with ISO 9001, ISO 14001 & ISO 29990. It has got State of the Art facilities with sophisticated plant, machinery, Labs, Classrooms, & other infrastructure. The Centre manufactures intricate high precision Tools, Dies, Jigs, Fixtures, Moulds & precision components. It provides technological support & skilled manpower to MSMEs & Industries.

In the recent past IDTR has developed several import substitutes & precision components e.g., Actuators for World's Largest Telescope with accuracy in 4nm for Thirty Meter Telescope (TMT) International Observatory (TIO); Import Substitute of Slide Gate Mechanism for Steel plants; Ceramic Dental Bracket Mould for CMERI, Durgapur; Meth-CO-Meter housing for Mines; Import Substitute Frame Shell of T-72 Tank for Ordnance Factory; indigenous RT-PCR Covid-19 Testing kits etc.

### Infrastructure Facilities

S.N.	Name of Machine	S.N.	Name of the Machine
1.	5 Axis CNC Milling – Hermle	10.	CNC Turning - Schaublin & Mazak (02 Nos)
2.	4 Axis CNC Milling - Kunzmann 2 Nos	11.	Turn Mill Centre – Schaublin
3.	VMC 4.2m & 2.2m - Jyoti & Kent	12.	Vacuum Heat Treatment - ALD Germany 2Nos
4.	Injection Moulding 250T & 80T – Toshiba	13.	Surface Grinding - ELB Germany
5.	3 Axis CNC Milling 14 Nos	14.	Cylindrical Grinding - Studer
6.	EDM - ONA, Agie, Oscar 3 Nos	15.	CMM - Zeiss & LK
7.	Wire EDM - Fanuc 3 Nos	16.	3D Printers (Metal & Plastic)
8.	Jig Grinding - Moore USA	17.	Laser Calibration
9.	Optical Profile Grinding – Swiss	18.	Blue Light Scanner for Reverse Engineering

- ❖ IDTR is equipped with the state-of-the-art technical software such as AutoCAD, I-DEAS, NX, Catia, Pro-Engineer, Formability Software, Solid Works, Geomagic, CubePro (3D Printing), Ansys etc.
- ❖ IDTR conducts AICTE approved Diploma in Tool & Die Making, Production Engineering & Mechatronics. NCVT approved ITI courses in Machinist, Fitter, Tool & Die Maker, Turner, Computer Hardware & Network Maintenance, & Welder. Some popular NSQF courses:

### Courses Offered

Sl	Name of Training program	Duration	Fees incl Tax, Rs	NSQF Level	Program starts
1.	PG Diploma Tool Design & CAD/CAM	1.5 Year	99000	8	August
2.	Post Diploma in Tool Design & CAD/CAM	1 Year	66000	6	Apr/ Oct
3.	Advance Certificate Course Inspection & QC	6 Month	33000	5	Apr/Jul/Oct/Jan
4.	Certificate Course in CNC Turning & Milling	1 Year	66000	4	Apr/ Oct
5.	Condensed Course Tool & Die Making	1 Year	66000	4	Apr/ Oct
6.	Certificate Course in CNC Milling / Turning	6 Month	33000	4	Apr/Jul/ Oct/Jan
7.	Advanced Diploma CNC Programming	6 Month	33000	6	July/Jan
8.	Advance Diploma Machine Maint & Automation	6 Month	33000	6	Apr/Jul/ Oct/Jan
9.	Advanced Diploma in Design & Analysis Struct.	6 Month	33000	6	Apr/Jul/ Oct/Jan

### Contact

**Contact Person:** Shri Anand Dayal, Managing Director  
**Address:** M 4 Part Phase 6, Tata Kandra Road, Gamharia, Jamshedpur, Jharkhand 832108  
**Website:** <https://www.idtr.gov.in>  
**Email:** reach@idtr.gov.in  
**Phone:** +91 7485806806, +91 9835174319





# Karnataka



## Technology Centre, Bangalore, Karnataka



MSME Technology Centre, Bengaluru , a Non-Profit organization, is setup up under Ministry of Micro, Small and Medium Enterprises, Government of India under its flagship program Technology Centres Systems Programme (TCSP) with World Bank assistance. It is First of its kind for the State of Karnataka. It is a Socio Economic Initiative by Government of India for the benefit of unemployed youth and industry of the State of Karnataka which can be considered as the part of the infrastructure provided by the State / Central Government in this industrial estate in order to facilitate the existing / prospective industry to become competitive at a global level.

### Objective

- ❖ Support and facilitate the growth of MSMEs specially ESDM units in and around Bangalore by assisting in designing, manufacturing, testing, and calibration of ESDM sector products.
- ❖ Support prototyping of components and parts production support for various cluster units and through them to OEMs.
- ❖ Enhance the outreach to industries like aerospace parts and defense components.
- ❖ Achieve technology excellence and be a growth driver for industries especially MSMEs.

### Infrastructure Facilities

Technology Centre is spread over an area of 10 acre, consisting of state of an art two floor Training block , Two floor Production Block, Three floor Admin Block with Auditorium with capacity to hold over 200 people, Exclusive cafeteria , Separate Hostel for Girls and Boys and Residential facility for staff . Some of the enabling facilities the TC would have are :-

- a) EMI / EMC testing set up, which will enable MSMEs to manufacture rated & certified products needed for the Defense / Aerospace industry with short lead times and reasonable rates.
  - b) The electronic Testing facility which can meet the qualification criteria of MIL 461 and JSS 55555 testing requirements.
  - c) HALT testing (Highly accelerated life testing).
  - d) A secondary level electronic calibration facility for calibration of all basic electronic products and physical/electronic sensors used in electronic items.
  - e) 3D Printer - metal type and other facilities for precision manufacturing especially for the avionics sector.
- ❖ The centre is equipped with the state-of-the-art technical software such as Solidworks, Catia, AutoCAD, Unigraphics etc and has been conducted regular skilling courses in Auto CAD, Solid works, MasterCAM, CREO,CATIA, ANSYS & Siemens NX. In addition on to this the Centre has also conducts various workshops on DATA Science, Robotics, Industry 4.0, GST, low cost Automation etc from experts from Indian and International origin.

## Technology Centre, Bangalore, Karnataka

### Courses Offered

S.N.	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
1.	Autocad	15 Days	2000/-	-	1 <sup>st</sup> week of every month
2.	CREO	15 Days	5000/-	-	
3.	Solidworks	15 Days	5000/-	-	
4.	Catia	15 Days	5000/-	-	
5.	Unigraphics	15 Days	5000/-	-	
6.	Mastercam	15 Days	5000/-	-	
7.	Ansys (basic)	15 Days	6000/-	-	

- ❖ (A) Short Term Courses ( 96 Hours To Upto 6 Months )
- ❖ (B) Medium Term Courses ( Above 6 Months And Upto 1 Year )
- ❖ (C) Long Term Courses ( Above 1 Year )
- ❖ (D) Tailor Made Courses (Flexible)

### Contact

**Contact Person:** Cdr S Vijayasimha (Retd), DGM MSME TC Bengaluru

**Address:** MSME TC Bengaluru, Plot No 6 , Aerospace park , KAIDB, Devanahalli , Bengaluru North , Bengaluru, Karnataka 562149

**Website:** [www.msmeblr.org](http://www.msmeblr.org)

**Email:** training@msmeblr.org

**Phone:** 9810711156

**Training Coordinator**  
 Vishal Mayekar – 8828098474  
 Kishore Kumar – 7795124259  
 Pavan Kumar - 8050693154



Extension Center, Kolar caters to skill development needs for the youth and industry workers. Sub-Centre, Kolar was established on 11th October 2013 in Kolar Gold Field, Karnataka.

### Courses Offered

Training Department					
S.No	Name Of The Course	Duration	Fee	Nsqf Level	When The Program Starts
1	Master Certificate Course In Cad Cam	6 Months	51000	6	Every Month
	Autocad	1 Month	6400	Exempted	Every Month
3	CNC Programming And Machining	1 Month	6400	Exempted	Every Month
4	CREO Parametric	1 Month	9350	Exempted	Every Month
5	Catia	1 Month	9350	Exempted	Every Month
6	Solidworks	1 Month	9350	Exempted	Every Month
7	Nx Unigraphics Cad	1 Month	9350	Exempted	Every Month
8	Nx Unigraphics Cam	1 Month	9350	Exempted	Every Month
9	Ansys	1 Month	9350	Exempted	Every Month
10	Hypermesh	1 Month	9350	Exempted	Every Month
11	Delcam	1 Month	9350	Exempted	Every Month
12	Mastercam	1 Month	9350	Exempted	Every Month

### Contact

**Contact Person:** S Venkata krishna, Dy.Director (TRG & APCU)

**Address:** Shed No. D-31, 32, KSIDC, Industrial Estate, Kolar Gold Field

**Website:** <https://www.citdindia.org/>

**Email:** vijayawada@citdindia.org

**Phone:** 08924-282600/601/602/603/604/605

## MSME TC IDEMI, Extension-Centre, Bengaluru (MSME DI, Bengaluru)



Extension Centre, Bengaluru caters to skill development needs for the youth and industry workers.

### Infrastructure Facilities

- ❖ Extension Centre, Bengaluru caters to skill development needs for the youth and industry workers.

### Courses Offered

S.N.	Name of training programs	Duration	Fees including Tax	NSQF Level	When the program starts
1.	Advanced Embedded Technology	6 Months	4500 0/-	6	Half yearly
2.	Hand Held Product	3 Months	1500 0/-	5	Every quarter
3.	Room Air conditioner & Home Appliances	4 Months	2500 0/-	5	Every quarter
4.	Integrated course in CAD	1 Months	5000/ -	NI L	Every Month
5.	3D Animation (MAYA)	6 Months	6000 0/-	5	Every Jan & July
6.	Graphics and Web Designing	3 Months	3000 0/-	5	Every quarter
7.	Animation and Multimedia Technology	6 Months	6000 0/-	5	Every Jan & July
8.	Film Compositing and Editing	3 Months	2500 0/-	5	Every quarter

### Contact

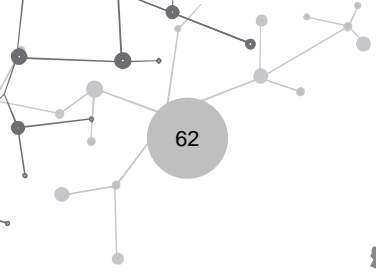
**Contact Person:** Ms. Shikha Pal, Sr. Engineer

**Address:** IDEMI Extension Centre, C/o, MSME- Development Institute, Chord Rd, Rajaji Nagar Industrial Town, Rajajinagar, Bengaluru, Karnataka 560010

**Website:** [www.idemi.org](http://www.idemi.org)

**Email:** idemi.ext.bglr@gmail.com

**Phone:** 9540707946



# Kerala



## Extension Centre of PPDC Agra at Ettumunoor, Kerala



Extension Centre, Ettumunoor, Kerala is located in Kottayam district,. The main purpose of this EC is to serve the MSMEs in the region of Engineering, Rubber sector & testing support for same, Also provided training in the field of entrepreneurship development, all streams of Engineering and Advanced /Latest technology orientated trainings. We are imparting training on various CAD /CAM /CAE software's, Animation and Multimedia, Computer Hardware and networking & tool and die making.

This has benefitted lot of unemployed youths to get trained and they have either started their own business or go to Employment. Students from Engineering Colleges, other technical institutes and Industries have benefitted from this training.

### Infrastructure Facilities

	Name of the machine	Size/ accuracy	Rates per hour
1	CNC Lathe & Milling	5axis / 0.005 & 0.003	Based on job of the component rates may differ / standard Rate for predefined programming job Rs. 1500
2	Metrology & Inspection Services 1. Material testing	Dimension- (2060L×750 W× 2180H)mm	Rs. 150/Hr

### Services Offered

- ❖ Design Consultancy Services for Solid works & CAD CAM

## Extension Centre of PPDC Agra at Ettumunoor, Kerala

### Courses Offered

S.N.	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
1.	Certificate course in CNC Turning & Milling	1560 hours	66000	4	22-09-2020
2.	Certificate course in Machine operation	1560 hours	66000	4	22-09-2020
3.	Advanced Diploma in Computer Hardware & Networking Management	780 hours	33000	5	25-09-2020

### Contact

**Contact Person:** Mr. D.Balaguru, Asst Director (Training)

**Address:** Extension Center, MSME Training Institute, Industrial Estate, Ettumanur-686631

**Website:** <http://www.ppdcagra.dcmsme.gov.in/extncentre.html>

**Email:** ppdcettumanoor@gmail.com / info@ppdcagra.in

**Phone:** 9600776611



## Extension Centre of PPDC Agra at Attingal Kerala

Attingal Kerala is an extension centre of PPDC Agra. The main purpose of this EC is to serve MSMEs in the region of Attingal Kerala, Especially for rubber and IT Related services. We are imparting training on various courses such as general engineering, entrepreneurship and almost all domains. The Centre is being established under the Hub & Spoke Model Scheme of Mo MSME, Govt. of India needs for the youth and industry workers.

### Courses Offered

	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
1	Advanced Computer Hardware & Networking Management	780 HRS	Rs. 33000/-	5	OCTOBER
2	NIELIT "O" Level	480 HRS	Rs. 18500/-	5	OCTOBER

### Contact

**Contact Person:** Mr. Vijay Devarajan

**Address:** Extension Center Attingal, Attingal to Venjaramood Road, oonumukku Junction, Opposite to MRF Showroom, Attingal, Thiruvananthapuram, Kerala 695 101

**Website:** <http://www.ppdcagra.dcmsme.gov.in/extncentre.htm/>

**Email:** vijay.msnetdc@gmail.com

**Phone:** +91 99449 71623

## Extension Centre of PPDC Agra at Thiruvalla, Kerala



Extension Centre, Thiruvalla Kerala is an extension centre of PPDC Agra located in the Pathanamthitta District of Kerala. The main purpose of this EC is to serve MSMEs in the region of Pathanamthitta, Kerala, Especially for rubber and IT Related services. We are imparting training on various courses such as general engineering, entrepreneurship and almost all domains. The Centre is being established under the Hub & Spoke Model Scheme of Mo MSME, Govt. of India.

### Courses Offered

S.N	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
1	Advanced Computer Hardware & Networking Management	780 HRS	Rs. 33000/-	5	Sept. 2020
2	NIELIT "O" Level	480 HRS	Rs. 18500/-	5	Sept. 2020

### Contact

**Contact Person:** Mr. Vijay Devarajan  
**Address:** Extension Center Thiruvalla, MSME Technology Development Centre (PPDC), Majadi Post, Thiruvalla, Kerala  
**Website:** <http://www.ppdcaagra.dcmsme.gov.in/extncentre.htm/>  
**Email:** vijay.msmedc@gmail.com  
**Phone:** +91 99449 71623



# Madhya Pradesh





Indo-German Tool Room, Indore is one of the four Tool Rooms set-up by Govt. of India with assistance from Govt. of Federal Republic of Germany. While the Umbrella Agreement for technical co-operation was reached in December, 1971, the detailed arrangements for Tool Rooms were agreed and finalized on 08.03.1989. The State Govt. of Madhya Pradesh has actively supported the project by providing land, building and infrastructure assistance. The Management of the Tool Room rests with the governing council constituted by the Govt. of India. Development Commissioner, Micro, small & Medium Enterprises, Govt. of India, is the President of the Society & Chairman of its Governing Council. The Tool Room started functioning in May, 1995. The Tool Room is ISO 9001 certified organization.

### Infrastructure Facilities

- CNC Milling Machine – 5 Nos. Make : DMG & Mikron including high speed machine : DMG-70V
- Double Column CNC Vertical Machining Centre- 2 Nos., Make – Kao-Ming & Takang
- HMT Horizontal Milling Machine – 01 No.
- CNC EDM Machine – Charmilles Make – (roboform-20/roboform-50)
- EDM Drilling Machine – Charmilles Make

### Courses Offered

S. N.	Course	Eligibility Criteria	Duration (Yrs.)
1	Advance Diploma in Tool & Die Making (AICTE Approved)	Xth Pass with Science & Maths from a recognized Board of Education with minimum of 60% marks in General Category aggregate (50% marks in case of SC/ST/OBC) Age 15	4
2	Diploma in Mechatronics (AICTE Approved)	- 19 yrs. (Age Relaxation, 3 years for SC/ST Candidates)	3
3	Diploma in Vocation Production Technology (AICTE Approved)	Xth Pass from a recognized Board of Education Age 15 - 23 yrs. (Age Relaxation, 3 years for SC/ST )	3
4	Machinist (NCVT Approved)		2
5	Turner (NCVT Approved)	Xth Pass with Science & Maths from a recognized Board of Education Age 15 - 23 yrs.	2
6	Fitter (NCVT Approved)	(Age Relaxation, 3 years for SC/ST )	2

## Technology Centre (Indo German Tool Room), Indore

### Courses Offered

S.N.	Course	Eligibility Criteria	Duration (Yrs.)
7	Machinist Grinder (NCVT Approved)		2
8	Certificate Course in Automobile Assembly & Service (NSQF Approved)	Eligibility : Xth Pass Direct Admission (Age 18 - 23 yrs.)	2

### Contact

**Contact Person:** Shri R. Panneerselvam, General Manager (I/c)

**Address:** MSME Technology Centre, (Indo-German Tool Room, Indore),  
291/B- 302/A, Sector ; Industrial Area, Sanwer Road, INDORE  
452 015 (M.P.)

**Website:** [www.igtr-indore.com](http://www.igtr-indore.com)

**Email:** gtrindore-mp@nic.in, paselvam@gmail.com

**Phone:** 09760547805

## Extension Center of IGTR Indore at Pologround Indore



This extension centre is equipped with the following main machines for training as well as manufacturing of precision equipments

### Infrastructure Facilities

#### Sl. No. Name of Machines

1.	CNC Milling
2.	CNC Turning
3.	Conventional Milling
4.	Conventional Turning
5..	Grinding
6.	Drilling

- ❖ A part from these machine the extension centre is equipped with the state of the are technical software like Auto CAD, Master CAM, Solid Works, CREO, Unigraphics and Catia.

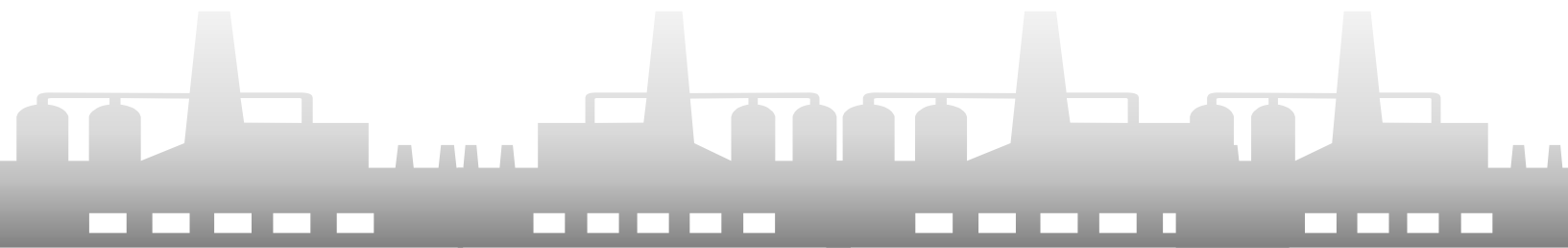
### Courses Offered

S.No	Course Name	Duration
1.	Mater CAM	3- Weeks
2.	Solid Work	3- Weeks
3.	Pro-E	3- Weeks
4.	Unigraphics	3- Weeks
5.	Catia	3- Weeks
6.	Auto Cad	2- Weeks
7.	CNC turning Programming & Operation	2- Weeks
8.	CNC Milling Programming & Operation	2- Weeks
9.	Post Diploma in Tool Design & CAD/CAM	1 Yrs.

## Extension Center of IGTR Indore at Pologround Indore

### Contact

**Contact Person:** Shri R. Panneerselvam, General Manager (I/c)  
**Address:** MSME-DI CAD/CAM Training Centre,, 10, Pologround, Industrial Estate, Indore- 452015  
**Website:** [www.Igtr-indore.com](http://www.Igtr-indore.com)  
**Email:** [trg@igtr-indore.com](mailto:trg@igtr-indore.com)  
**Phone:** (0731) 2423835, 9300001981.



## Extension Center of IGTR Indore at Jabalpur (M.P.)



The extension centre is equipped with the state of the art technical software like Auto CAD, Master CAM, Solid Works, CREO, Unigraphics and Catia.

### Courses Offered

S.No	Course Name	Duration
1.	Mater CAM	3- Weeks
2.	Solid Work	3- Weeks
3.	Pro-E	3- Weeks
4.	Unigraphics	3- Weeks
5.	Catia	3- Weeks
6.	Auto Cad	2- Weeks
7.	CNC turning Programming & Operation	2- Weeks
8.	CNC Milling Programming & Operation	2- Weeks
9.	Post Diploma in Tool Design & CAD/CAM	1 Yrs.

### Contact

**Contact Person:** Ajay Kumar Jhariya  
**Address:** IGTR-ITI Hi – Tech Training Centre  
 ITI Campus, Marhatal, Damoh Road, Jabalpur (M.P.)  
**Website:** [www.Igtr-indore.com](http://www.Igtr-indore.com)  
**Email:** [trg@igtr-indore.com](mailto:trg@igtr-indore.com)  
**Phone:** 91 - 8319441660



## MSME Technology Centre Bhopal



Ministry of Micro, Small and Medium Enterprises (MSME) Government of India is in the process of establishing 15 Technology Centers (TCs) and upgrading / modernizing the existing TCs under the Technology Centre Systems Programme (TCSP). MSME TC Bhopal is one of them. The MSME Technology Centre Bhopal is going to strengthen its role in technical education for the youth in India & competitiveness of MSME units in the region. The organization is establishing under the Technical Co-operation programme between Government of India and World Bank.

MSME TC Bhopal offers its quality skill Development Training in the area of Tool Design, CAD/CAM/CAE, CNC Programming & Machining, Hydraulics & Pneumatics, Robotics / Mechatronics, PLC, SCADA, VLSI, Embedded System, Automation etc., for different level & disciplines trainees. Apart from this, the MSME TC Bhopal will also offer services in Tool Design, Manufacturing & Consultancy to the various industries.

### Infrastructure Facilities

MSME Technology Centre, Bhopal is equipped with modern facilities for imparting training in the area of Tool & Die making and Automation. The facilities include high precision machines of international standards like Surface Grinding, Cylindrical Grinding, Conventional Milling Computerized Numerical Controlled Milling machines, CNC Turning Machines, EDM Die Sinking machines, etc. Centre is also equipped with CNC Simulation Lab, Hydraulic Lab, Basic Automation Lab, Pneumatic Lab, CAD/CAM labs with latest work station and CAD/CAM software.

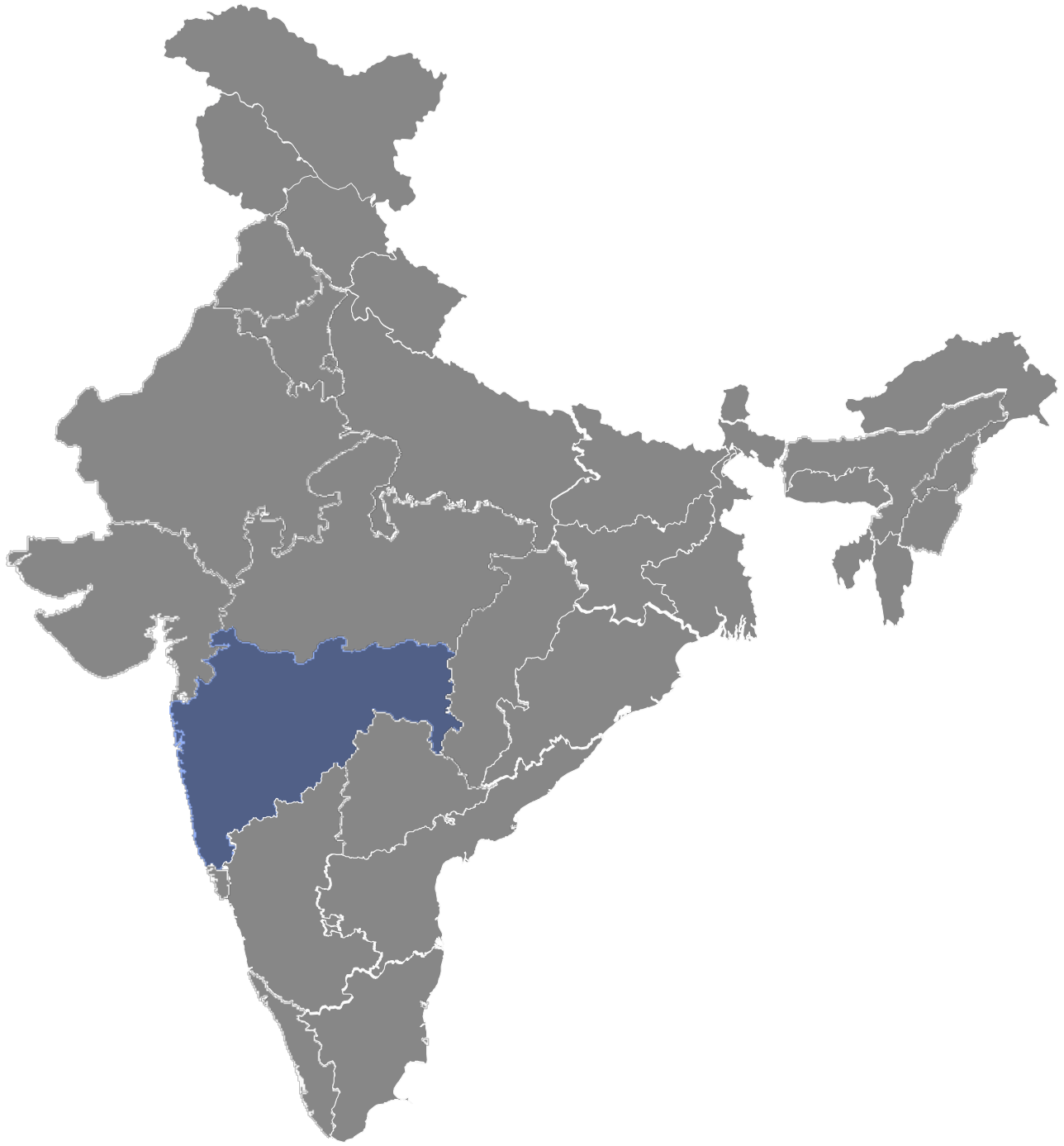
### Courses Offered

MSME TC Bhopal will deliver various training from one month to four years duration in Mechanical, Automation, Electrical and Electronics domains.

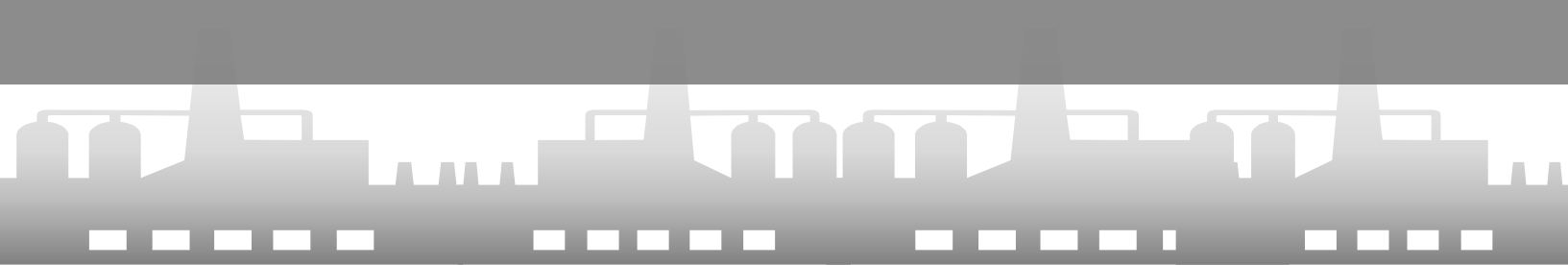
- Conducting various Types of Long Term Courses (AICTE Approved, NSQF Compliant Courses) in the field of both Mechanical & Non-Mechanical Stream.
- Conducting various Types of Medium Term Courses (NSQF Compliant Courses) in the field of both Mechanical & Non-Mechanical Stream.
- Conducting various Types of Short Term Courses (NSQF Exempted & NSQF Non- exempted Courses) in the field of both Mechanical & Non-Mechanical Stream
- Conducting various Types of Tailor Made Courses in the field of both Mechanical & Non-Mechanical Stream for up gradation of Skill.

### Contact

**Contact Person:** Shri Ranjan Choudhary, Dy. General Manager  
**Address:** MSME TECHNOLOGY CENTRE BHOPAL  
 Plot No. 259/2,261,267/2/1, Industrial Area Special Education Zone,  
 Acharpura Bhopal, Madhya Pradesh, India - 462038.  
**Website:** [www.msmtcbhopal.org](http://www.msmtcbhopal.org)  
**Email:** dgmtcbhopal@gmail.com  
**Phone:** 9561114806



# Maharashtra





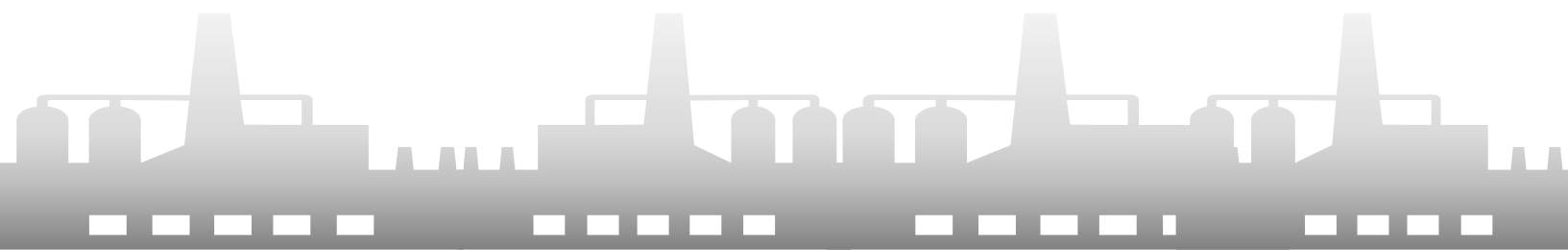
MSME Technology Center, Indo German Tool Room, Aurangabad is a Govt. Of India Society, under Ministry of MSME established in the year 1995. IGTR is an ISO 9001:2015, ISO 29990:2010, ISO 14001:2015, ISO 45001:2018, ISO 50001:2019, ISO / IEC 17025:2017

Certified Tool Room & Training Center.

## Infrastructure Facilities

IGTR has established its expertise in High End Manufacturing of Precision / Complex Tooling particularly in automotive sector. In addition to that Precision machining of Aerospace & Defense Components is also undertaken as well as establishing its expertise in Product Development by Reverse Engineering & 3D Printing. Major achievement in design & development of tooling is as below:

- Die Casting dies - IGTR undertakes design and manufacturing of HPDC, LPDC & Gravity Casting etc. Tool design is being optimized by way of Flow analysis with the help of simulation software (Adstefan Simulation software). HPDC tools are designed & manufactured in the range of 250 Tons to 900 Tons. Product range manufactured in automotive sector for both two-wheeler and four-wheeler in passenger and heavy vehicles such as engine parts, clutch covers, crank case, roof rails, mirror mounting brackets, brake levers etc.
- Sheet Metal Dies – Designing & Manufacturing of multi-row Progressive tools up to 1200 tons for MSME sector. Progressive tools are manufactured for Automotive sector such as Clutch and Clutch Parts, Engine Gaskets, BIW parts, Heat Shields, Cradle Assembly etc.
- Plastic Moulds – Designing and Manufacturing wide range of Moulds including Hot Runner Mould for varieties of components such as Pulsar Bobbin, Safety Belt Cover, Plastic components of Automotive Door Handle Assembly, Spray Pump Assembly, Flip Cap, Pipe Couplings, MCB Cover & Housing etc.



**Infrastructure  
Facilities**

S. N.	Name of the Machine	Size (Machining range) / Accuracy	Machine Hour Rate (INR)
1	3D Manufacturing – Metal M 280	255x355x250	2500
2	3D Manufacturing – Plastic P 396	255x355x250	50 per cc
3	3D Manufacturing – Plastic FDM / DLP	190x120x90	30 / 80 per cc
4	CNC 5 Axis Machining Center - Hermle,	Max. 1200x1300x900 Min. 300x150x150 Rotary dia. Min 300 & Max. 1200	1500 - 3000
5	CNC 3 Axis Machining Centre – Deckel Maho, Makino, Hartford, Hass, Mikron, ACE	Max. 2100x1500x700 Min. 250x180x200	500
6	CNC LATHES - HONOR, GILDEMEISTER, HAAS	Max. Dia.1000x800 L Min. Dia. 125x300 L	300
7	CNC WIRE CUT - Agie Charmilles, Charmilles, Electronica	Max. 1400x900x510 Min. 300x150x150	20 paise/mm <sup>2</sup>
8	CNC SPARK EROSION – Charmilles, Agiatron, Mitsubishi	Max. 500x550x400 Min. 300x150x150	500

❖ Note: The given machine hour rates may vary depending upon the complexity of the job, its accuracy requirements and machine sizes.

S. N.	Name of the Machine	Size (Machining range) / Accuracy	Machine Hour Rate (INR)
1	CNC CMM - CARL – ZEISS PRISMO 5	900x700x500	1000
2	3D Scanning Stein blencher COMET L3D 5M	255x355x250	1600

❖ Apart from these machines, the TC is equipped with the state-of-the-art software like AutoCAD, Solidworks, MasterCAM, Delcam, CREO, CATIA, Unigraphics, Ansys, Hypermesh, Hypermill, Matlab, StaadPro, Matlab, PLC Programming, SCADA, VLSI, Controlled based CNC Programming & Machining in Fanuc, Siemens, Heidenhein, HAAS etc.



## Courses Offered

S. N.	Name of training programs	Duration	Fees		NSQF	program starts
			Including Tax			
1	Adv. Diploma in Tool & Die Making	4 years	184000		AIC	August every year
2	Diploma in Mechatronics	3 years	138000		TE Approved	
3	Cert. Course in Tool Room Operations	2 years	78000		5	
4	Post Graduate Diploma in Tool Design & CAD CAM / Mechatronics / Product Design	1.5 years	105000		8	April, July, October, January every year
5	Post Diploma in Tool Design & CAD CAM / Tool Manufacturing, Mechatronics, VLSI, CNC Technology	1 year	70000		6	
6	Adv. Cert Course in Tool Design & CAD CAM, Tool Manufacturing, CNC Machining / Machine Maintenance	1 year	70000-40000		5	
7	Cert Course in CNC Turning / Milling, tool & Die Making, Conv Machining, Machine maintenance etc	1 year	55000-40000		4	May, August, November, February every year
8	Master Cert. Course in in Tool Design, CAD CAM, Mechatronics	6 Months	40000		7/6	One batch every Month
9	Short Term Courses – CAD, CASM, CAE, CNC Prog. CNC Machining, Tool Design, General Engineering, Automation, PLC SCADA, Mechatronics, Civil Engineering, 3D Printing, Scanning CCNA, Repairs & Maintenance of Electrical & Electronics Gadgets etc	1-12 Weeks	2500 – 20000 + 18% GST as applicable		-	One Batch Every Monday

## Contact

**Contact Person:** Mr. H.D.Kapse. Managing Director

**Address:** Indo German Tool Room P 31 MIDC Industrial Area, Chikalhana, Aurangabad (MS) Pin 431006

**Website:** [www.igtr-aur.org](http://www.igtr-aur.org)

**Email:** gm@igtr-aur.org

**Phone:** 93720 55001

## Extension Center of IGTR Aurangabad at Swar Gate Pune

IGTR, Aurangabad has established 5 Extension centers in the state of Maharashtra for catering to skill development needs for the youth and industry workers. These extension centers are established at Pune, Mumbai, Nagpur & Kolhapur. All the extensions are under the administrative control of IGTR-Aurangabad.

Pune being a major Educational & industrial city in the state of Maharashtra has more than 80 engineering institutes & industrial estates are at Pimpri, Bhosari, Chakan, Talegaon, Ranjangaon, Hinjewadi etc. The EC at Swar Gate Pune is established in the year 2002.

### Infrastructure Facilities

- ❖ The EC is equipped with the state-of-the-art technical software like AutoCAD, Solidworks, MasterCAM, Delcam, CREO, CATIA, Unigraphics, Ansys, Hypermesh, Hypermill, Matlab, StaadPro, Matlab, PLC Programming, SCADA, VLSI, Controlled based CNC Programming & Machining in Fanuc, Siemens, Heidenhein, HAAS etc.

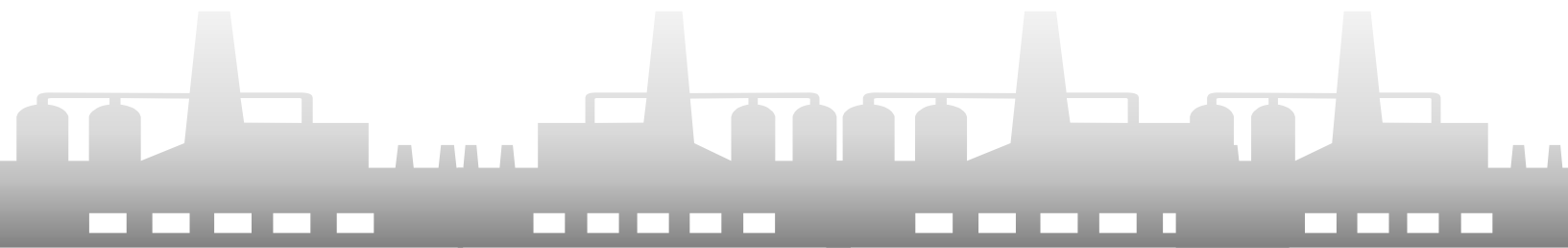
### Courses Offered

S. N.	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
1	PG Diploma in Tool Design & CAD CAM	1.5 years	105000	8	
2	Post Diploma in Tool Design & CAD CAM, Tool Manufacturing	1 year	70000	6	April, July, October, January every year
3	Adv. Cert Course in Tool Design & CAD CAM, Tool Manufacturing,	1 year	70000-40000	5	
4	Master Cert. Course in in Tool Design, CAD CAM, Mechatronics	6 Months	40000	7/6	One batch every Month
5	Short Term Courses – CAD, CASM, CAE, CNC Prog. CNC Machining, Tool Design, General Engineering, Automation, PLC SCADA, Mechatronics, Civil Engineering, 3D Printing	1-12 Weeks	2500 – 20000 + 18% GST as applicable	-	One Batch Every Monday

## Extension Center of IGTR Aurangabad at Swar Gate Pune

### Contact

**Contact Person:** Mrs. Megha Soundankar, Sr. Engineer (Trg)  
**Address:** MSME DI CAD/CAM TRAINING CENTRE  
Swargate, Shankarshet Road, Near PMT Workshop, Pune  
(Maharashtra - India) – 411 037 Pune, Maharashtra  
**Website:** [www.igtr-aur.org](http://www.igtr-aur.org)  
**Email:** [igtr\\_pune@yahoo.co.in](mailto:igtr_pune@yahoo.co.in)  
**Phone:** 9373050101



## Extension Center of IGTR Aurangabad at Bhosari, Pune

With a view to cater skill development needs for the youth and industry workers of the vast industrial & education hub city of Pune IGTR Aurangabad has established new EC Bhosari industrial area of the city of Pune .

EC at Bhosari Pune is the second EC in the city of Pune which has major engineering institutes & industrial estates in the state of Maharashtra. The EC at Bhosari Pune is established in the year 2019.

### Infrastructure Facilities

SR. NO.	DESCRIPTION - MAKE MODEL	Machining Range	Remarks
1	Desktop Computers - 60 Nos	Core i7	Equipment's used for Training applications

The EC is equipped with the state-of-the-art technical software like AutoCAD, Solidworks, MasterCAM, Delcam, CREO, CATIA, Unigraphics, Ansys, Hypermesh, Hypermill, Matlab, StaadPro, Matlab, PLC Programming, SCADA, VLSI, Controlled based CNC Programming & Machining in Fanuc, Siemens, Heidenhein, HAAS etc.

### Courses Offered

S. N.	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
1	PG Diploma in Tool Design & CAD CAM	1.5 years	105000	8	April, July, October, January every year
2	Post Diploma in Tool Design & CAD CAM , Tool Manufacturing	1 year	70000	6	
3	Adv. Cert Course in Tool Design & CAD CAM, Tool Manufacturing,	1 year	70000-40000	5	
4	Master Cert. Course in in Tool Design, CAD CAM, Mechatronics	6 Months	40000	7/6	One batch every Month
5	Short Term Courses – CAD, CASM, CAE, CNC Prog. CNC Machining, Tool Design, General Engineering, Automation, PLC SCADA, Mechatronics, Civil Engineering, 3D Printing	1-12 Weeks	2500 – 20000 + 18% GST as applicable	-	One Batch Every Monday



## Extension Center of IGTR Aurangabad at Bhosari, Pune

### Contact

**Contact Person:** Mrs. Megha Soundankar, Sr. Engineer

**Address:** IGTR Extension Centre Msie Pune  
Mahasainik Industrial Estate (MSIE) Plot No T-153/1, MIDC,  
Pimpri Industrial Area,  
Bhosari, Pune (Maharashtra - India)

**Website:** [www.igtr-aur.org](http://www.igtr-aur.org)

**Email:** gtrecmsie@igtr-aur.org

**Phone:** (020) 27121100, 27121122 / 9373050101



## Extension Center of IGTR Aurangabad at Nagpur

EC at Nagpur was established for supporting the skill requirements of the Vidarbha region of the state of Maharashtra. The EC activities were started in association with MSME DI Nagpur but later on were shifted independently at a plot located in the MID Hingna area of the city of Nagpur. The EC at Nagpur is established in the year 2004.

### Infrastructure Facilities

S.N	DESCRIPTION - MAKE MODEL	Machining Range	Remarks
1	CNC Lathe	Dis 180x 500 Length	Machines/ Equipments are being used for training applications
2	CNC Milling	400x250x200	
3	Desktop Computers – 200 No's	Core i7	

- ❖ The EC is equipped with the state-of-the-art technical software like AutoCAD, Solidworks, MasterCAM, Delcam, CREO, CATIA, Unigraphics, Ansys, Hypermesh, Hypermill, Matlab, StaadPro, Matlab, PLC Programming, SCADA, VLSI, Controlled based CNC Programming & Machining in Fanuc, Siemens, Heidenhein, HAAS etc.

### Courses Offered

S. N.	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
1	PG Diploma in Tool Design & CAD CAM	1.5 years	105000	8	
2	Post Diploma in Tool Design & CAD CAM , Tool Manufacturing	1 year	70000	6	April, July, October, January every year
3	Adv. Cert Course in Tool Design & CAD CAM, Tool Manufacturing,	1 year	70000-40000	5	

## Courses Offered

S.No.	DESCRIPTION - MAKE MODEL	Machining Range	Remarks	S.No.	DESCRIPTION - MAKE MODEL
4	Master Cert. Course in in Tool Design, CAD CAM, Mechatronics	6 Months	40000	7/6	One batch every Month
5	Short Term Courses – CAD, CASM, CAE, CNC Prog. CNC Machining, Tool Design, General Engineering, Automation, PLC SCADA, Mechatronics, Civil Engineering, 3D Printing	1-12 Weeks	2500 – 20000 + 18% GST as applicable	-	One Batch Every Monday

## Contact

**Contact Person:** Mr. Imran Ul Haque, Engineer

**Address:** Indo German Tool Room, Aurangabad Extension Centre, Nagpur  
E-142, MIDC Hingana,  
Nagpur (Maharashtra - India) - 440 006

**Website:** [www.igtr-aur.org](http://www.igtr-aur.org)

**Email:** training\_ngp@igtr-aur.org

**Phone:** 9975388377

## Extension Center of MSME TC Aurangabad at Mumbai

EC activities at Mumbai were started in association with MSME DI Mumbai at Saki Naka MSME DI Campus Mumbai. EC at Mumbai is basically set up to cater the needs of large number of trainees of the city of Mumbai & Thane & surrounding sub urban areas. The EC at Mumbai is established in the year 2002.

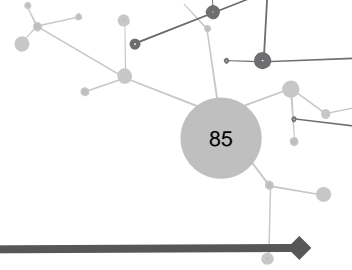
### Infrastructure Facilities

SR. NO.	DESCRIPTION - MAKE MODEL	Machining Range	Remarks
1	Desktop Computers - 35 Nos	Core i7	Equipment's used for Training applications

- ❖ The EC is equipped with the state-of-the-art technical software like AutoCAD, Solidworks, MasterCAM, Delcam, CREO, CATIA, Unigraphics, Ansys, etc.

### Courses Offered

S. N.	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
1	Master Cert. Course in in Tool Design, CAD CAM, Mechatronics	6 Months	40000	7/6	One batch every Month
2	Short Term Courses – CAD, CASM, CAE, CNC Prog. CNC Machining, Tool Design, General Engineering, Automation, PLC SCADA, Mechatronics, Civil Engineering, 3D Printing	1-12 Weeks	2500 – 20000 + 18% GST as applicable	-	One Batch Every Monday



## Extension Center of MSME TC Aurangabad at Mumbai

### Contact

**Contact Person:** Mr. Gopal Awsekar, Manager (CAD CAM)

**Address:** MSME DI – MSME-TR CAD/CAM TRAINING CENTRE  
Saki Naka, Kurla–Andheri Road, (Maharashtra - India) – 400 072  
Mumbai, Maharashtra

**Website:** [www.igtr-aur.org](http://www.igtr-aur.org)

**Email:** training\_ngp@igtr-aur.org

**Phone:** 93720 55004 / (022) 28573020, 28573024, Fax: (022) 28570663



## Extension Center of IGTR Aurangabad at Kolhapur



EC at Kolhapur is established as Collaboration between Shivaji University, Kolhapur and IGTR, Aurangabad) for taking up research programs for faculties / industries & supporting the skill requirements of the Western Maharashtra region of the state of Maharashtra. The EC at Nagpur is established in the year 2017. Interested aspirants in CAD/CAM/CAE, tooling & automation area skill development/ Job works can avail facilities at Kolhapur. Summer training classes are also being conducted.

### Infrastructure Facilities

S. N.	Description - Make Model	Machining Range	Remarks
1	Desktop Computers - 100 Nos	Core i7	Equipment's used for Training applications

- ❖ The EC is equipped with the state-of-the-art technical software like AutoCAD, Solidworks, MasterCAM, Delcam, CREO, CATIA, Unigraphics, Ansys, Hypermesh, Hypermill, StaadPro, Matlab, PLC Programming, SCADA, VLSI, Controlled based CNC Programming & Machining in Fanuc, Siemens, Heidenhein, HAAS etc.

### Courses Offered

S. N.	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
1	Master Cert. Course in in Tool Design, CAD CAM, Mechatronics	6 Months	40000	7/ 6	One batch every Month
2	Short Term Courses – CAD, CASM, CAE, CNC Prog. CNC Machining, Tool Design, General Engineering, Automation, PLC SCADA, Mechatronics, Civil Engineering, 3D Printing	1-12 Weeks	2500 – 20000 + 18% GST as applicable	-	One Batch Every Monday

### Contact

**Contact Person:** Mr. Gopal Belurkar, Sr. Engineer (Trg)

**Address:** Advance Technology Centre Extension Centre, Kolhapur Shivaji University, Vidyannagar, Kolhapur (Maharashtra - India) – 416004

**Website:** [www.igtr-aur.org](http://www.igtr-aur.org)

**Email:** atckolhapur@igtr-aur.org

**Phone:** 9405968144

## Institute for Design of Electrical Measuring Instruments, Mumbai



IDEMI, Institute for Design of Electrical Measuring Instruments, was established as a Govt. of India Society in September 1969 with joint efforts of UNIDO/UNDP Vienna and Ministry of Industry, Govt. of India. IDEMI is a MSME Technology Development Centre in Mumbai & its main objective is to provide Services to Micro, Small & Medium Enterprises. The center is certified with ISO 9001:2015. All the testing and calibration laboratories are accredited by NABL as per ISO/IEC 17025:2017, BIS (for Type Testing of Energy Meter).

### Services Offered

- ❖ Testing of Electrical, Electronics and Medical Equipments, Products/Machines as per National and International Standard.
- ❖ Calibration of Electrical, Electronics, Thermal, Pressure, Mass, Volume, Fluid Flow and Dimensional measuring equipment as per National and International Standard.
- ❖ Design & Manufacturing of Tooling i.e. Press Tools, Moulds, Die Casting Dies, Jigs, Fixtures & Gauges and Dimensional Metrology. Manufacturing of critical mechanical components and spare parts required in all types of industries.
- ❖ Up gradation of Technical Skills of trained & untrained manpower from MSME Industrial Sector, Information Technology Sector & Society by conducting Long Term & Short Term Training Programmes in various field such as ESDM Sector, Mechanical Sector, Media & Entertainment Sector, IT, Industry 4.0, technical training for wide range of professionals in numerous disciplines of Instrumentation and Laboratory accreditation.
- ❖ Consultancy in Laboratory Accreditation
- ❖ Design & Development of Instruments, ESDM Products. Know how available can be transferred to interested party either exclusive or non-exclusive basis.

### Courses Offered

S. r.	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
1	Diploma in Tool & Die Making	3 years	1,20,000 /-		
2	Diploma in Mechatronics & Robotics	3 years	1,20,000 /-	AICTE Approved	August every yearly
3	Diploma in 3d Animation & Graphics	3 years	1,20,000 /-		
4	PG Diploma in Tool Design & CAD CAM / Mechatronics	1.5 years	1,20,000/-	8	
5	Post Diploma in Tool Design & CAD CAM /Mechatronics, VLSI, CNC Technology	1 year	80,000/-	6	July, January every year
6	Adv. Cert Course in Tool Design & CAD CAM, Tool Manufacturing, CNC Machining / Machine Maintenance	1 year	70,000-40,000 /-	5	

### Courses Offered

S. N.	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
7	Cert Course in CNC Turning / Milling, tool & Die Making, Conv Machining , Machine maintenance etc	1 year	60,000-40,000/-	4	July, January every year
8	Master Cert. Course in in Tool Design, CAD CAM, Mechatronics	6 Months	40000	7/6	July, January every year
9	Short Term Courses – CAD, CASM, CAE, CNC Prog. CNC Machining, Tool Design, General Engineering, Automation, PLC SCADA, Mechatronics, Civil Engineering, 3D Printing, Scanning CCNA, Repairs & Maintenance of Electrical & Electronics Gadgets etc	1-12 weeks	4000 – 20000 + 18% GST as applicable	-	One Batch Every Month

### Contact

<b>Contact Person:</b>	Pradeep Gujarathi, Principal Director I/C
<b>Address:</b>	Swatantryaveer Tatya Tope Marg, Chunabhatti, Sion, Mumbai - 400 022 INDIA
<b>Website:</b>	<a href="http://www.idemi.org">www.idemi.org</a>
<b>Email:</b>	<a href="mailto:pd@idemi.org">pd@idemi.org</a>
<b>Phone:</b>	+91-9892070351



## Extension Centre of IDEMI at Nagpur

Extension Centre of IDEMI at Nagpur is set up to serve & support the MSME sector through its various services which include Skill & Entrepreneurship Development, support in availing Ministry of MSME Schemes etc. The EC is equipped with the calibration facilities.

### Contact

**Contact Person:** Mr. Nishant Pawaskar, Joint Director

**Address:** IDEMI Extension Centre, C/o, MSME- Development Institute, Plot No. W-14, Hingna Industrial Estate, MIDC Area, Nagpur – 440028

**Website:** [www.idemi.org](http://www.idemi.org)

**Email:** [idem Nagpur@idemi.org](mailto:idem Nagpur@idemi.org)

**Phone:** +91-9029375767

## Extension Centre of IDEMI at MSME DI Mumbai

Extension Centre of IDEMI at MSME DI Mumbai is equipped with the state-of-the-art technical software such as Solidworks, Catia, AutoCAD, Unigraphics etc. The extension unit can organize training programs such as Diploma in CAD/CAM, CNC Programming & Machining, Graphic Designing, Film Compositing and Editing.

### Infrastructure Facilities

S. N.	Name of the machine	Size/ accuracy	Rates/Hour
1.	CNC Manufacturing Facilities	760x405x505mm Acc. up to 10 microns	Approx. Rs 800/-

### Contact

**Contact Person:** Mr. Sunil Sanap, Deputy Director

**Address:** IDEMI Extension Unit : C/o, MSME- Development Institute, Kurla Andheri Road, Andheri East, Saki Naka, Mumbai, Maharashtra 400072

**Website:** [www.idemi.org](http://www.idemi.org)

**Email:** [training@idemi.org](mailto:training@idemi.org)

**Phone:** +91-9960444387

## Extension Centre (PPDC Agra), Kolhapur



Extension Centre- **Kolhapur, Maharashtra** is located in the centre of the city with close proximity to the Railways station and Bus stand. The main purpose of this EC is to serve the MSMEs especially those which are in the field of Foundries, General engineering. The centre was involved as LMC under the Lean manufacturing and Competitiveness scheme of the M/o MSME in 2016-17, under which it successfully completed the cluster target as required under the scheme and achieved considerable amount of savings for the units involved.

The centre is successfully providing Skill Development & Entrepreneurship Development Training Programmes under various schemes like ESDP Scheme, National SC-ST Hub Scheme, Skill Scheme of O/o DC(MSME) etc.

### Courses Offered

S. N.	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
1	Advanced Computer Hardware & Networking Management	780 hrs	33000	5	Sept. 2020
2	NIELIT "O" Level	480 hrs	18500	5	
3	Lean Manufacturing Tools	32 hrs	5000	-	
4	Six Sigma Tools	64 hrs	10000	-	
5	Installation, Repair & Maintenance of Home Appliances	350 hrs	13500	4	
6	AutoCAD	120 hrs	4600	4	

### Contact

**Contact Person:** Vikas Verma, Assistant Director, Incharge EC - Kolhapur

**Address:** EC Kolhapur- MSMETDC (PPDC) Agra C/o Jyoti Services, 428/1, Prajakta Enclave, Basant Bahar Road, Shahupuri, Kolhapur -416001

**Website:** <http://www.ppdcaagra.dcmsme.gov.in/extncentre.html>

**Email:** [vikas.ppdca@dcmsme.gov.in](mailto:vikas.ppdca@dcmsme.gov.in)

**Phone:** 9818945827



# Odisha



## Technology Centre (Central Tool Room & Training Centre), Bhubaneswar



Central Tool Room & Training Centre, Bhubaneswar is a Govt. of India society under the aegis of Ministry of Micro, Small and Medium Enterprises, Govt. of India. CTTC was established in the year 1991 at Bhubaneswar under tripartite agreement between Govt. of Denmark, Govt. of India & Govt. of Odisha. The Management of the Centre rests with the Governing Council wherein Additional Secretary and Development Commissioner (MSME) is the Chairman of the Council. The Centre started functioning in the month of October 1991 with the Training activities followed by Production in the year 1994.

### Infrastructure Facilities

S. N.	Name of the machine	Size/ accuracy	Rates per hour
1	Metal 3D Printing (DMLS)	Build Area- 250*250*325mm Material used. Ti6Al4v,AISI 10mg SS316L, IN718* ,MS	Rs 2500/-
2	CNC Glass Machining DMG Mori Germany DMG Ultrasonic 60evo	Spindle Speed- 20-1800rpm Traverse x*y*z=600*500*500gm Accuracy-0.005mm, RPM 18000	Rs 2500/-
3	CNC Multi Axis (8Axis) Willemin (Switzerland)	Travel in x*y*z u= 450*200*425*300mm Accuracy – 0.002mm	Rs 1000/-
4	CNC Twin Spindle High Precision wire EDM AGIE GF	Workpiece dimension (WxDxH): 1050x650x250mm	Rs 1000/-
5	CNC Mill-Turn HERMLE HERMLE C42 MT (5 Axis)	Travel in x*y*z= 850*800*550mm Accuracy – 0.005mm	Rs 1000/-
6	CNC Turn-Mill Centre DMG Germany CTX510ECO V3	Max Swing over bed – 680mm Max Turning Dia- 465mm Positioning – 0.008mm	Rs 1000/-
7	Cylindrical Grinder DRO STUDER FAVOURITE 530	Table Travel x*y= 700*300mm Max Dia= 350mm	Rs 660/-
8	CNC Jig Grinder MOORE 450C	Table travel in x & y = 450*280mm Tabletop to wheel collet ht=50-450mm Grinding capacity in dia=0.4-90mm	Rs 900/-
9	CNC 3D CMM CARLZEISS MC 850	Measuring Capacity in x*y*z = 850*700*600mm Accuracy = 0.2micron	Rs 660/-

❖ Apart from these machines, the TC is equipped with the state-of-the-art technical software like CATIA,UNIGRAPHICS,MASTER CAM, HYPERMESH, ANSYS, SOLIDWORKS, AUTOCAD

### Courses Offered

S. N.	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
1	Diploma in Tool & Die Making	4 years	Rs 155200/-	AICTE	AUGUST
2	Diploma in Mechatronics	3 years	Rs 116400/-	AICTE	AUGUST
3	ITI MACHINIST	2 years	Rs 56000/-	NCVT	AUGUST
4	PGDTD	1 year	Rs 60800	NSQF LEVEL8	AUGUST/MARCH

**Login to our website for more courses**

### Contact

**Contact Person:** Shri. L. Rajasekhar

**Address:** **Central Tool Room and Training Centre**  
B-36, Chandaka Industrial Area,  
Bhubaneswar-751024

**Website:** [www.cttc.gov.in](http://www.cttc.gov.in)

**Email:** [cttc@cttc.gov.in](mailto:cttc@cttc.gov.in)

**Phone:** +91-9437491950

## Extension Centre of CTTC at Berhampur



Extension Centre of CTTC at Berhampur is successfully providing Skill Development & Entrepreneurship Development Training Programmes under various schemes like ESDP Scheme, National SC-ST Hub Scheme etc.

### Infrastructure Facilities

S. N.	Name of the machine	Size/ accuracy	Rates per hour
1	Programmable Logic Controller	Siemens, S7-1500	For training purpose
2	Process Control	Pressure-temperature-Flow Analysis	For training purpose
3	HMI	Siemens	For training purpose
4	Drives and Drive Control	Siemens AC & DC	For training purpose
5	Basic and Advance Hydraulics		For training purpose
6	Basic and Advance Pneumatics		For training purpose
7	IOT Equipment		For training purpose
8	Total Station	Surveying	For training purpose
9	AR/VR		For training purpose
10	CNC Maintenance Trainer kit	Fanuc	For training purpose

❖ Apart from these machines, the TC is equipped with the state-of-the-art technical software like TIA Portal, PCS-7, WinCC, STAAD-Pro, Road Estimator, Revit, 3Ds Max

### Courses Offered

S. N.	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
1	Advance Diploma in Machine Maintenance & Automation	6 months (780 hrs)	Rs 34500/-	6	Dec 2020
2	Master Certificate Course in Automation and Process Control	6 months (780 hrs)	Rs 36500/-	7	Dec 2020

## Extension Center of CTTC at Berhampur

### Courses Offered

Sr.	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
3	Advance Diploma in Structural Design & Analysis	6 months (780 hrs)	Rs 34500/-	6	Dec 2020
4	Advance Certificate Course in Machine Maintenance	1 Year (1560 hrs)	Rs 32800/-	5	Dec 2020
5	Advance Embedded Technology	6 months (780 hrs)	Rs 34500/	6	Jan 2021

### Contact

**Contact Person:** M. Yohan

**Address:** CTTC Extension Centre, Berhampur  
Engineering School Road, Po-Engineering School,  
Berhampur, Ganjam, Odisha-760010

**Website:** [www.cttc.gov.in](http://www.cttc.gov.in)

**Email:** [cttc@cttc.gov.in](mailto:cttc@cttc.gov.in)

**Phone:** +91-9437100026/+91-6370143064



## Extension Center of CTTC at Bhawanipatna



Extension Centre of CTTC at Bhawanipatna is successfully providing Skill Development & Entrepreneurship Development Training Programmes under various schemes like ESDP Scheme, National SC-ST Hub Scheme etc.

### Infrastructure Facilities

S. N.	Name of the machine	Size/ accuracy	Rates per hour
1	CNC Milling Machine	10micron/300X500mm	Rs750/-
2	CNC Turning Machine	10micron/Dia 200mm	Rs 440/-
3	Gas and Arc Welding		Rs 300/-
4	TIG Welding		Rs 300/-
5	MIG Welding		Rs 350/-
6	Spot Welding		Rs 100/-
7	Seam Welding		Rs 250/-
8	Plasma Cutting		Rs 150/-
9	AR/VR		For training purpose
10	Submerged Arc Welding		Rs 350

❖ Apart from these machines, the TC is equipped with the state-of-the-art technical software like CNC Simulation, MasterCAM, Unigraphics.

### Courses Offered

S. N.	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
1	Advance Diploma in CNC Programming Techniques	6 months (900 hrs)	Rs 34500/-	6	FEB 2021
2	Certificate Course in CNC Machining	6 months	Rs 34800/-	5	FEB 2021
3	Certificate Course in Welding Technology	1 year	Rs 50800/-	5	FEB 2021

### Contact

**Contact Person:** J.J.Ojha  
**Address:** CTTC Extension Centre, Bhawanipatna Inside Government ITI, Bhawanipatna SH 6, Kanakpur, Bhawanipatna, Odisha 766001  
**Website:** [www.cttc.gov.in](http://www.cttc.gov.in)  
**Email:** [cttc@cttc.gov.in](mailto:cttc@cttc.gov.in)  
**Phone:** +91-7978476366

Extension Centre of CTTC Bhubaneswar at Keonjhar is successfully providing Skill Development & Entrepreneurship Development Training Programmes under various schemes like ESDP Scheme, National SC-ST Hub Scheme etc.

### Infrastructure Facilities

S. N.	Name of the machine	Size/ accuracy	Rates per hour
1	CNC Milling Machine	10micron/300X500mm	Rs750/-
2	CNC Turning Machine	10micron/Dia 200mm	Rs 440
3	Programmable Logic Controller	Siemens, S7-1500	For training purpose
4	Process Control	Pressure-temperature- Flow Analysis	For training purpose
5	HMI	Siemens	For training purpose
6	Drives and Drive Control	Siemens AC & DC	For training purpose
7	Basic and Advance Hydraulics		For training purpose
8	Basic and Advance Pneumatics		For training purpose
9	AR/VR		For training purpose
10	Fitter and Rigger		For training purpose

- ❖ Apart from these machines, the TC is equipped with the state of the art technical software like CNC Simulation, MasterCAM, Unigraphics, TIA Portal, PCS-7, WinCC

## Extension Center of CTTC Bhubaneswar at Keonjhar

### Courses Offered

S. N.	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
1	Advance Diploma in CNC Programming Techniques	6 months (900 hrs)	Rs34500/-	6	FEB 2021
2	Certificate Course in CNC Machining	12 months (1560 hrs)	Rs 34800/-	5	FEB 2021
3	Advance Diploma in Machine Maintenance & Automation	6 months (780 hrs)	Rs 34500/-	6	FEB 2021
4	Master Certificate Course in Automation and Process Control	6 months (780 hrs)	Rs 36500	7	FEB 2021
5	Certificate course in Fitter & Rigger	6 months (780 hrs)	Rs 32500	5	FEB 2021

### Contact

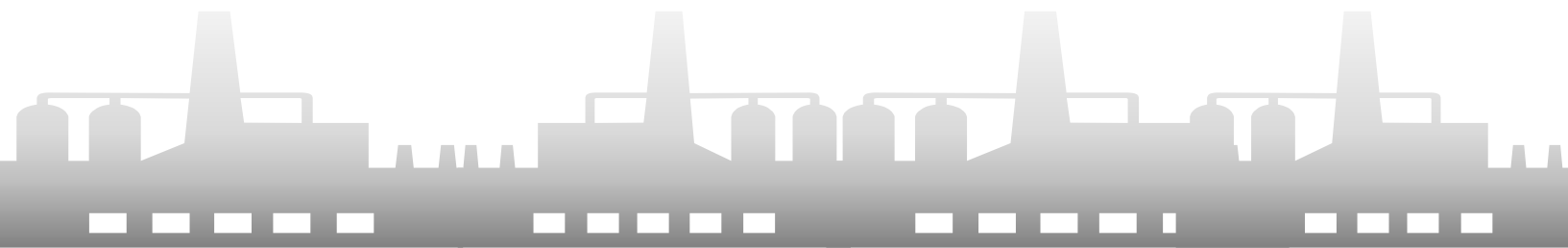
**Contact Person:** P.M. Behera

**Address:** CTTC Extension Centre, Keonjhar  
Inside Odisha School of Mining Engineering  
Keonjhar, Odisha-758001

**Website:** [www.cttc.gov.in](http://www.cttc.gov.in)

**Email:** [cttc@cttc.gov.in](mailto:cttc@cttc.gov.in)

**Phone:** +91-8895203735



## Extension Center of CTTC Bhubaneswar at Kalinga Nagar



CTTC Extension centre, Kalinganagar is an extension centre of CTTC BBSR. It was established in the year 2014 at Kalinganagar of Jajpur district, Odisha. It is now functioning in the JCDL campus of Kalinganagar. The Extension centre started functioning in the month of October 2014 with the following training activities.

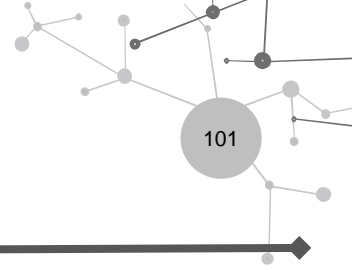
### Infrastructure Facilities

S. N.	Name of the machine	Size/ accuracy	Rates per hour
1	Conventional Lathe	0.04mm	130/-
2	Conventional milling machine	0.04mm	160/-
3	Pillar type drilling Machine	-	150/-
4	Surface grinder	0.01 mm	150/-
5	Arc welding		300/-
6	Spot Welding		100/-
7	TIG welding		300/-
8	Mig Welding		350/-

❖ Apart from these machines, the Extension Centre is equipped with the state of the art technical software like AUTOCAD, PROE, CATIA, SOLIDWORKS, MASTERCAM, ECAD

### Courses Offered

S. N.	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
1	ITI Fitter	2 Year	56,000	5	August
2	ITI Electrician	2 Year	56,000	5	August
3	Certificate course in Machine Operation	1 Year	22500	3	September
4	Advance Diploma in Computer hardware and networking & management	6 month	34500	6	November
5	Advance Diploma in Machine maintenance & automation	6 month	34500	6	August
6	Certificate Course in Advance Machining	1 Year	32800	5	October
7	Certificate Course in Fitter and Rigger	6 month	32500	5	June



## Extension Center of CTTC Bhubaneswar at Kalinga Nagar

### Contact

**Contact Person:** Shri. Sudam Charan Sahoo

**Address:** CTTC Extension Centre, Kalinganagar  
JCDL Campus, Pankapal Kalinganagar, Jajpur, Odisha 755026

**Website:** [www.cttc.gov.in](http://www.cttc.gov.in)

**Email:** [cttckalinganagar@gmail.com](mailto:cttckalinganagar@gmail.com)

**Phone:** +91-9861112821



## Extension Center of CTTC at Rayagada

**The Central Tool Room & Training Centre, Extension Centre, Rayagada** is into the operation since 2007 and has imparted training in various fields to more than 23000 trainees. All the care has been taken to provide facilities like state of the art machinery and latest High End CAD\CAM software for the development of the Technical Graduates, Diploma holders, ITI holders & 10<sup>th</sup> pass students. The trainees after completion of these courses enjoy a wide scope of opportunities.

### Infrastructure Facilities

S. N.	Name of the machine	Size/ accuracy	Rates per hour
1	CNC Lathe	10 micron/Dia 200mm	440/-
2	CNC Milling	10micron/ 300X500mm	750/-
3	Conventional Lathe	20 micron/250 mm	130/-
4	Conventional Milling	20 micron/300X500mm	160/-
5	Surface Grinding	20 micron/300X500mm	150/-

❖ Apart from these machines, the TC is equipped with the state of the art technical software like Auto CAD, CATIA, ANSYS, CRE-O, Solid works, Delcam, Industrial Automation, SCADA, HMI, Electrical CAD, VLSI, Adv. Embedded System, Python, Staad Pro, 3Ds MAX, REVIT & CCNA etc.

### Courses Offered

S. N.	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
1	MSME/ PDTDM /10	1560 hours	54800/-	06	June, Sept., Jan.
2	MSME/ CCTDM /29	1560 hours	66800/-	04	June, Sept., Jan.
3	MSME/ CCAM /07	1920 hours	32800/-	05	June, Sept., Jan.
4	MSME/ ACCMM /27	1560 hours	32800/-	05	June, Sept., Jan.
5	MSME/ ACCCM /35	1560 hours	34800/-	05	June, Sept., Jan.
6	MSME/ MCCCC /38	780 hours	36500/-	06	June, Sept., Dec, march
7	MSME/ ADCNC /06	900 hours	34500/-	06	June, Sept., Dec, march
8	MSME/ ADMMA /44	780 hours	34500/-	06	June, Sept., Dec, march
9	MSME/ ADSDA /48	780 hours	34500/	06	June, Sept., Dec, march
10	MSME/ ADCHNM /51	780 hours	34500/	06	June, Sept., Dec, march

## Extension Center of CTTC at Rayagada

### Contact

**Contact Person:** Mr. Santosh Kumar Swain

**Address:** CTTC Extension Centre, Rayagada  
UGMIT Campus Rayagada, Pin 765001  
Odisha

**Website:** [www.cttc.gov.in](http://www.cttc.gov.in)

**Email:** [cttc@cttc.gov.in](mailto:cttc@cttc.gov.in)

**Phone:** +91-9437147392

## Extension Center FFDC at Berhampur, Ganjam



Extension center at Berhampur, Distt. Ganjam, Odisha caters to skill development needs for the youth and industry workers for Kewra. This extension center is established at Industrial Estate, Berhampur, Distt. Ganjam (Odisha) under the administrative control of Fragrance & Flavour Development Centre (FFDC), Kannauj

### Services Offered

- ❖ Supply of planting materials/seeds.
- ❖ Production/Processing Facilities on Job work/Loan Basis.
- ❖ Quality Assurance & Analytical Services.
- ❖ Training in various disciplines of essential oil and perfumery industry.
- ❖ Field Surveys and Feasibility Studies.
- ❖ Consultancy Services

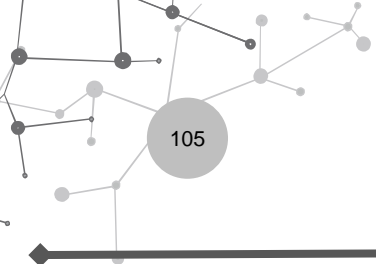
### Infrastructure Facilities

S.N	Name of the machine	Size/ accuracy	Rate
1	Field Distillation Unit (FDU)	50 Kg.	600.00 per batch
2	Gas Liquid Chromatography (GLC)	–	798.00 per sample

### Courses Offered

S. N.	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
1	Agarbatti, Dhoopbatti, Hawansamgri & Perfumery	03 Days	11500/-	–	
2	Quality assessment of Essential oils/aroma chemicals using modern instrumental techniques	05 Days	13000/-	–	
3	Commercial cultivation of aromatic crops, its processing and marketing	05 Days	11500/-	–	





## Extension Center FFDC at Berhampur, Ganjam

### Contact

**Contact Person:** Shri V.V. Ramarao, Extension Officer (Chem.) I/c

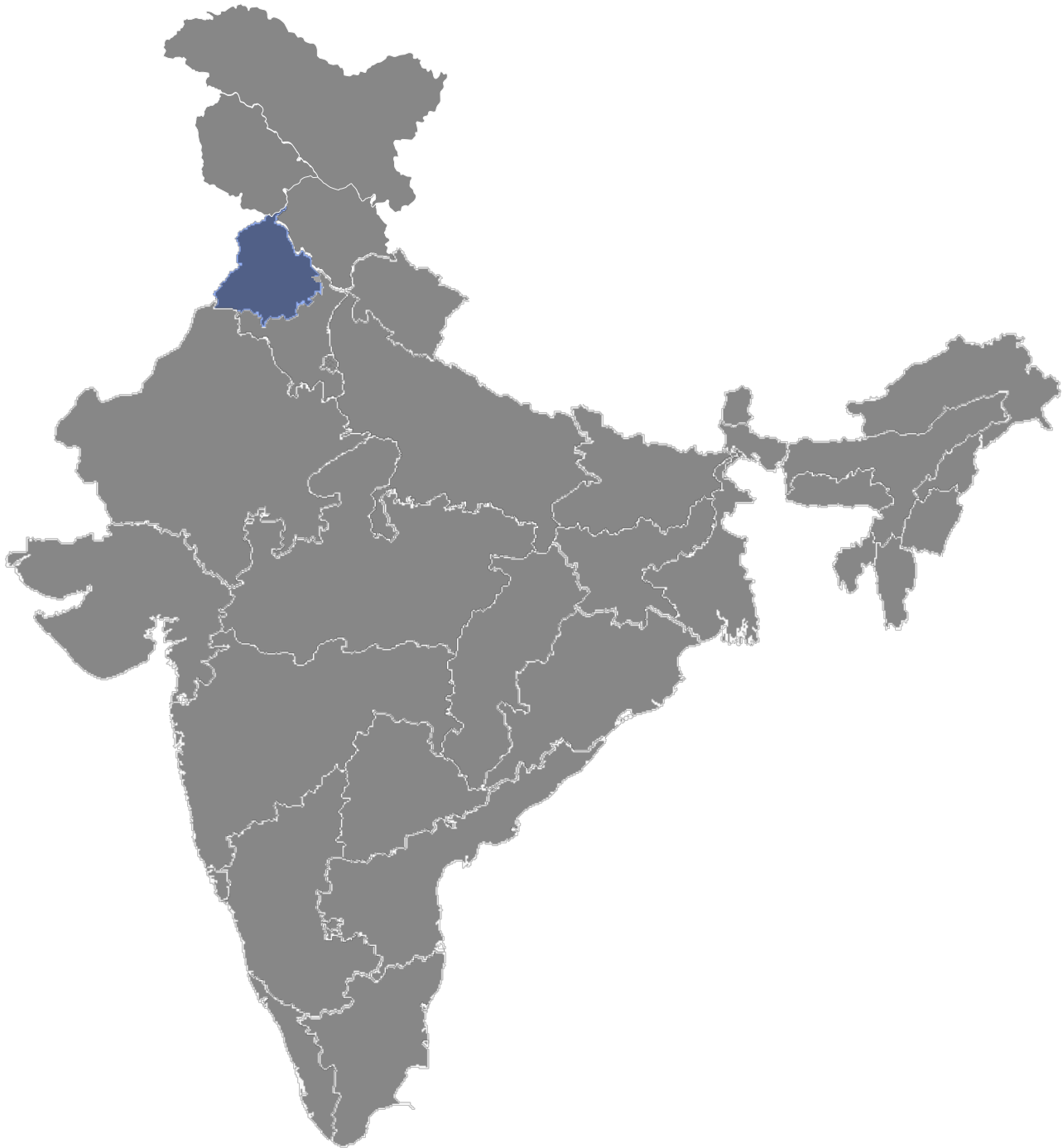
**Address:** FFDC Extension Center, B-1 & 2, Industrial Estate, Berhampur, Distt.-  
Ganjam, Odisha - 760008

**Website:** [www.ffdcindia.org](http://www.ffdcindia.org)

**Email:** [vvraoffdc@gmail.com](mailto:vvraoffdc@gmail.com)

**Phone:** +91-9040123900





# Punjab



## Central Tool Room (CTR) Ludhiana



Central Tool Room, Ludhiana has been set up to increase the efficiency of small-scale units by providing support in the design and production of tools and skilled human resources. CTR has 3 Extension centers in the state of Haryana for catering to skill development needs for the youth and industry workers. These extension centers are established at Nilokheri, Karnal & Faridabad.

### Infrastructure Facilities

S. N.	Name of the machine	Size/ accuracy / process	Rates rs. Per hour
1	CNC machining centre Deckel maho - dmc 70 v	Table size -900 x 550mm Movement (xyz) -700 x 550 x 500	800
2	CNC machining centre Bmv-70 - bfw	Table size -710 x 1700 mm Movement (xyz) – 1500 x 810 x 710mm	800
3	CNC vertical machining centre - hass Vf 6, 50 t with linear scale	Table size -710 x 1625 mm Traverse -1500 x 800 x 750	800
4	Vertical machining center Bridge port, vmc 2216	Table size -900 x 350 mm Movement (xyz) -560 x 406 x 508	600
5	CNC universal cylinder grinder Studer s30 lean pro	Center distance – 1000 mm Center height - 175 mm	500
6	Surface grinding- kent	Table size 1500 x 750 mm	400
7	Surface & profile grinder jung -1f 520	Table size-600 x 200 mm Movement (x xy) -600 x 200 mm	400
8	Jig boring machine hauser / op-3	Table size - 595 x 320 mm Movement (x x y x z) - 400 x 250x 400 mm	375
9	Jig grinding machine hauser	Table size- 350 x 600 mm Movement -(x x y x z) -250 x 400 x 400 mm	600
10	CNC EDM spark erosion Charmilles roboform 20	Table size - 400 x 300 mm Movement (x x y x z) -300 x 250x 250 mm	550
11	Agie wire cut classic 25	Table size -750 x 550 ra= 0.3 mm Movement- 350 x 250 x 250	800
12	CNC wire cut robofil 290 charmilles	Table size -850 x 500 Movement (x x y x z) -400x250x200 max. Taper 130°	800
13	CNC wirecut ba -24 mitsubishi	Table size -860 x 860 Movement -600 x 400 x 310 mm	800

## Central Tool Room (CTR) Ludhiana

### Infrastructure Facilities

S. N.	Name of the machine	Size/ accuracy / process	Rates rs. Per hour
14	Press machine-315 ton-mechanical	Table size 1200 x 1000 mm Shut height 600 mm	400
15	Injection moulding m/c L&T - demag 200	Shot weight -482 & 746 gms. Distance between tie bar -860 x 860mm	450
16	Co-ordinate measuring machine Carl zeiss (prismo-5, htg vast) with digitizing and reverse engineering capability	Measuring range (x x y x z)- 700 x 900 x 500 Measuring uncertainty- (1.5 + 1/350) um	800
17	Tool makers microscope (computerized control & output) nikon	Working range - 200x200mm projection lenses-1x, 3x, 5x and 10x	1000
18	Spectrometer- leco	For composition/ sample detection of the ferrous/non ferrous metals and alloying elements	40 per element
19	White light scanning system	Make breauksman german , dual -5 mega pixel camera , with latest scanning Software polyworks and inspection software	500
20	3d printing	250 x 250 x250 mm	100 per cc
21	Heat treatment	Annealing, quenching, tempering, nitriding	25 to 210 per kg

❖ Apart from these machines, the TC is equipped with the state of the art technical software like AutoCAD, Solidworks, Unigraphics/ Nx, Catia, DellCAM, MasterCAM and CNC Simulation Softwares.

### Courses Offered

S.N.	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
1	Post Graduate Diploma in Tool Design & CAD/CAM	2340 Hrs. (18 Months) 3 Semesters	Rs. 45,000/- per semester	Level 8	July,2020
2	Advanced Diploma in CNC Programming Techniques and Practices	900 Hrs. (6 Months)	Rs. 60,000/-	Level 6	July, 2020 Jan, 2021
3	Post Diploma In CAD/CAM	1560 Hrs. (12 Months) 2 Semesters	Rs. 45,000/- per semester	Level 6	July, 2020 Jan, 2021

## Courses Offered

S. N.	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
4	Post Diploma In Tool and Die Manufacturing	1560 Hrs. (12 Months) 2 Semesters	Rs. 45,000/- per semester	Level 6	July, 2020 January, 2021
5	Certificate Course In Electrical Equipment Repairing and Maintenance	780 Hrs. (6 Months)	Rs. 35,000/-	Level 6	July, 2020 January, 2021
6	Advanced Diploma In Machine Maintenance and Automation	780 Hrs. (6 Months)	Rs. 40,000/-	Level 6	July, 2020 January, 2021
7	Master Certificate Course In CAD/CAM	780 Hrs. (6 Months)	Rs. 45,000/-	Level 6	July, 2020 January, 2021
8	Master Certificate Course In CNC Technology	780 Hrs. (6 Months)	Rs. 45,000/-	Level 6	July, 2020 January, 2021
9	Master Certificate Course In Tool Design	780 Hrs. (6 Months)	Rs. 45,000/-	Level 6	July, 2020 January, 2021
10	Diploma in Mechanical Engineering – Tool & Die making	4 years	Rs. 191304/-	Level 5	September, 2020
11	Diploma in Mechatronics	3 years	Rs. 143478/-	Level 5	September, 2020
12	Certificate Course in Advance Machining	1920 Hrs. (12 Months) 2 Semesters	Rs. 40,000/- per semester	Level 5	Jul, 2020 Jan, 2021
13	ARISE Audio Video (AV)	460 Hrs. (3 Months)	Rs. 15,000/-	Level 5	Jul, 2020 Jan, 2021
14	ARISE Hand Held Products (HHP)	460 Hrs. (3 Months)	Rs. 15,000/-	Level 5	Jul, 2020 Jan, 2021
15	ARISE Room Air Conditioner & Home Appliances (RACHA)	610 Hrs. (4 Months)	Rs. 20,000/-	Level 5	Jul, 2020 Jan, 2021

## Contact

<b>Contact Person:</b>	Sh. A.P. Sharma, General Manager
<b>Address:</b>	Central Tool Room, A-5, Phase-5, Focal Point Ludhiana-141010 (Punjab)
<b>Website:</b>	<a href="http://www.ctrludhiana.com">www.ctrludhiana.com</a>
<b>Email:</b>	<a href="mailto:gm@ctrludhiana.com">gm@ctrludhiana.com</a> , <a href="mailto:training@ctrludhiana.com">training@ctrludhiana.com</a>
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## Central Institute of Hand Tools (CIHT) Jalandhar



Central Institute of Hand Tools (CIHT), Jalandhar is a premier organization responsible for the development of Hand Tool Industry in the country. CIHT has been set up as a National Institute at Jalandhar in the State of Punjab as autonomous organization with the assistance of UNIDO in the year 1983. The Hand tool Industry is playing a vital role in the economic development and earning valuable foreign exchange for the country. At present this an ISO 9001:2008 and ISO 14001:2008 organization. These centers are accredited by internationally recognized National Accreditation Board of Testing & Calibration laboratories (NABL) certification as per ISO (17025).

CIHT, Jalandhar imparts Engineering Education in various skill development courses which has greater demand in the industries in the field of Product Design & Development, CAD/CAM, CNC Programming & Machining, Mechatronics/ Automation with PLC, Welding, Electrician and Quality Control etc. and providing services to the Engineering industries in various areas such as Tool Room, Heat Treatment, Testing & Quality Control.

### Infrastructure Facilities

S. N.	Name of the machine	Size/ accuracy	Rates per hour
1.	CNC VMC Milling HASS	750x500x500	585
2	CNC VMC Milling DAEWOO	1000x500x500	585
3	CNC VMC Milling JYOTI	750x500x450	585
4	CNC VMC Milling machine S & T	750x400x400	585
5	CNC Turning ACE	300x400	285
6	CNC Wire cut ULTRACUT-843	400x300x250	150
7	CNC Wire cut AGIE	600x400x350	800
8	CNC EDM OSCAR MAX	600x450x370	250
9	CNC EDM AGIE	600x400x400	800
10	Drop Hammer	2 Ton / 1Ton	As per part geometry
11	Press Forging	600 Ton	As per part geometry
12	Gas Carburizing Furnace	600x1200	As per weight and material of part
13	Induction Hardening Machine	20KW/25 KW / 50 KW/120 KW	As per part geometry

- ❖ Apart from these machines, the TC is equipped with the state-of-the-art technical software like AutoCAD, Solidworks, CREO, Master CAM, Unigraphics ,CATIA, ANSYS

### Infrastructure Facilities

S. R.	Name of the machine	Size/ accuracy / process	Rates rs. Per hour
14	Press machine-315 ton-mechanical	Table size 1200 x 1000 mm Shut height 600 mm	400
15	Injection moulding m/c L&T - demag 200	Shot weight -482 & 746 gms. Distance between tie bar -860 x 860mm	450
16	Co-ordinate measuring machine Carl zeiss (prismo-5, htg vast) with digitizing and reverse engineering capability	Measuring range (x x y x z)- 700 x 900 x 500 Measuring uncertainty- (1.5 + 1/350) um	800
17	Tool makers microscope (computerized control & output) nikon	Working range - 200x200mm projection lenses-1x, 3x, 5x and 10x	1000
18	Spectrometer- leco	For composition/ sample detection of the ferrous/non ferrous metals and alloying elements	40 per element
19	White light scanning system	Make breauksman german , dual -5 mega pixel camera , with latest scanning Software polyworks and inspection software	500
20	3d printing	250 x 250 x250 mm	100 per cc
21	Heat treatment	Annealing, quenching, tempering, nitriding	25 to 210 per kg

❖ Apart from these machines, the TC is equipped with the state of the art technical software like AutoCAD, Solidworks, Unigraphics/ NX, Catia, DelCAM, MasterCAM and CNC Simulation Softwares.

### Courses Offered

S. N.	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
1	Post Graduate Diploma in Tool Design & CAD/CAM	2340 Hrs. (18 Months) 3 Semesters	Rs. 45,000/- per semester	Level 8	July,2020
2	Advanced Diploma in CNC Programming Techniques and Practices	900 Hrs. (6 Months)	Rs. 60,000/-	Level 6	July, 2020 Jan, 2021
3	Post Diploma In CAD/CAM	1560 Hrs. (12 Months) 2 Semesters	Rs. 45,000/- per semester	Level 6	July, 2020 Jan, 2021

## Central Institute of Hand Tools (CIHT) Jalandhar

### Courses Offered

S. N.	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
1	DIPLOMA ME (T& D)	4 years	As per PSBTE	AICTE	July
2	DIPLOMA IN CSE	3 years	As per PSBTE	AICTE	July
3	AutoCAD – Mechanical	96 Hrs.	6800/-	exempted	Every Month
4	Solidworks	96 Hrs.	10200/-	exempted	Every Month
5	CREO Parametric	96 Hrs.	10200/-	exempted	Every Month
6	MasterCAM	96 Hrs.	10200/-	exempted	Every Month
7	Unigraphics	96 Hrs.	11300/-	exempted	Every Month
8	CATIA	96 Hrs	11300/-	exempted	Every Month
9	ANSYS	96 Hrs	11300/-	exempted	Every Month
10	E CAD	96 Hrs.	6800/-	exempted	Every Month
11	PLC programming	96 Hrs.	8500/-	exempted	Every Month
12	SCADA	96 Hrs.	8500/-	exempted	Every Month
13	Embedded systems	96 Hrs.	8500/-	exempted	Every Month
14	VLSI	96 Hrs.	8500/-	exempted	Every Month
15	CNC Programming - Lathe	96 Hrs	9000/-	exempted	Every Month
16	CNC Machining - Lathe	96 Hrs	9000/	exempted	Every Month
17	CNC Programming - Milling	96 Hrs	9000/	exempted	Every Month
18	CNC Machining - Milling	96 Hrs	9000/	exempted	Every Month
19	JAVA	96 Hrs	6800/-	exempted	Every Month
20	Computer Hardware & Networking	96 Hrs	6800/-	exempted	Every Month
21	Post Diploma in CAD / CAM	1 year	65,000/-	6	April/July/Oct/Jan
22	Master certificate course in CAD/CAM	6 Months	45,000/-	6	April/July/Oct/Jan
23	Advance Certificate Course in Inspection & Quality Control	6 Months	30000/-	5	April/July/Oct/Jan
24	AutoCAD – Mechanical	96 Hrs.	6800/-	exempted	Every Month
25	Solidworks	96 Hrs.	10200/-	exempted	Every Month
26	CREO Parametric	96 Hrs.	10200/-	exempted	Every Month
27	MasterCAM	96 Hrs.	10200/-	exempted	Every Month
28	Unigraphics	96 Hrs.	11300/-	exempted	Every Month
29	CATIA	96 Hrs.	11300/-	exempted	Every Month
30	ANSYS	96 Hrs.	11300/-	exempted	Every Month
31	Masters Certificate Course in Mechatronics	6 months 780 HRS	34,000/-	6	April/July/Oct/Jan
32	E CAD	96 Hrs.	6800/-	exempted	Every Month
33	PLC programming	96 Hrs.	8500/-	exempted	Every Month
34	SCADA	96 Hrs.	8500/-	exempted	Every Month
35	Embedded systems	96 Hrs.	8500/-	exempted	Every Month



## Courses Offered

S. N.	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
36	VLSI	96 Hrs.	8500/-	exempted	Every Month
37	Master certificate course in CNC technology	6 months 780 HRS	45,000/-	6	April/July/Oct/Jan
38	Certificate course in Machine Operations	1 year	48,000/-	3	April/July/Oct/Jan
39	Certificate course in CNC turning	6 months 780 HRS	36,000/-	4	April/July/Oct/Jan
40	Certificate course in CNC milling	6 months 780 HRS	36,000/-	4	April/July/Oct/Jan
41	Certificate course in CNC turning & Milling	1 year 1560 HRS	60,000/-	4	April/July/Oct/Jan
42	Condensed Course In Tool and Die Making	1 year 1560 HRS	100000/-	4	April/July/Oct/Jan
43	Advance certificate course in CNC machining	1 year 1560 HRS	65,000/-	5	April/July/Oct/Jan
44	CNC Programming - Lathe	96 Hrs.	9000/-	exempted	Every Month
45	CNC Machining - Lathe	96 Hrs.	9000/-	exempted	Every Month
46	CNC Programming - Milling	96 Hrs.	9000/-	exempted	Every Month
47	Advanced diploma in computer hardware & network management	6 months/ 780 HRS	30000/-	6	April/July/Oct/Jan
48	Graphics & Web Designing	4 Months/ 390 Hrs	24000/-	5	April/July/Oct/Jan
49	JAVA	96 Hrs.	6800/-	exempted	Every Month
50	Computer Hardware & Networking	96 Hrs.	6800/-	exempted	Every Month

## Contact

**Contact Person:** Shri Sarabjit Singh, Principal Director

**Address:** Opposite shaheed Bhagat Singh Colony, GT Road, Jalandhar – 144008 (PB)

**Website:** [www.ciht.in](http://www.ciht.in)

**Email:** [info@ciht.in](mailto:info@ciht.in) , [ssasht@ciht.in](mailto:ssasht@ciht.in)

**Phone:** +91-9417040457

## Extension Center of CIHT at QMC Building, Amritsar

Extension Center of CIHT at QMC building, Amritsar will impart various skill development courses which has greater demand in the industries in the field of Product Design & Development, CAD/CAM, CNC Programming & Machining, Mechatronics/ Automation with PLC, Welding, Electrician and Quality Control etc. and providing services to the Engineering industries in various areas such as Tool Room, Heat Treatment, Testing & Quality Control.

### Services Offered

- ❖ Production/ Manufacturing support activity
- ❖ Training
- ❖ Consultancy

### Basic information

- ❖ Project cost is estimated to be 19.93 crores
- ❖ Built up area is 10161 sq ft (Total area-11000 sq ft)
- ❖ Number of trainees to be trained is 2500 in 3 years
- ❖ Number of MSMEs to be assisted is 1000 in 3 years
- ❖ Expenditure on machines/equipment is Rs.16.25 crores
- ❖ Expenditure on civil work is Rs. 1.75 crores (expected)
- ❖ Operational expenses for 3 years is Rs. 1.93 crores
- ❖ Estimated revenue for 3 years is i) 50 lakhs (year 1), ii) 75 lakhs (year 2) , iii) 120 lakhs (year 3)
- ❖ The Extension Centre is likely to achieve self-sustainability by 3<sup>rd</sup> year of its operation.

### Contact

<b>Contact Person:</b>	Shri Sarabjit Singh, Principal Director
<b>Address:</b>	QMC Building, Amritsar, Deptt of Industries and Commerce , Government of Punjab
<b>Website:</b>	<a href="http://www.ciht.in">www.ciht.in</a>
<b>Email:</b>	<a href="mailto:info@ciht.in">info@ciht.in</a> , <a href="mailto:ssasht@ciht.in">ssasht@ciht.in</a>
<b>Phone:</b>	+91-9417040457

## Extension Center CIHT QMC- DIC Building, Hoshiarpur

Extension Center of CIHT QMC-DIC building, Hoshiarpur will impart various skill development courses which has greater demand in the industries in the field of Product Design & Development, CAD/CAM, CNC Programming & Machining, Mechatronics/ Automation with PLC, Welding, Electrician and Quality Control etc. and providing services to the Engineering industries in various areas such as Tool Room, Heat Treatment, Testing & Quality Control.

### Services Offered

- ❖ Common Facility Centre
- ❖ Training
- ❖ Consultancy

### Basic information

- ❖ Project cost is estimated to be 19.90 crores
- ❖ Built up area is 18000 sq ft (Total area-45000 sq ft)
- ❖ Number of trainees to be trained is 3000 in 3 years
- ❖ Number of MSMEs to be assisted is 2500 in 3 years
- ❖ Expenditure on machines/equipment is Rs.16.44 crores
- ❖ Expenditure on civil work is Rs. 1.54 crores (expected)
- ❖ Operational expenses for 3 years is Rs. 1.99 crores
- ❖ Estimated revenue for 3 years is i) 50 lakhs (year 1), ii) 100 lakhs (year 2) , iii) 150 lakhs (year 3)
- ❖ The Extension Centre is likely to achieve self-sustainability by 3<sup>rd</sup> year of its operation.

### Contact

<b>Contact Person:</b>	Shri Sarabjit Singh, Principal Director
<b>Address:</b>	QMC-DIC Building, Hoshiarpur Dept, Punjab Government
<b>Website:</b>	<a href="http://www.ciht.in">www.ciht.in</a>
<b>Email:</b>	<a href="mailto:info@ciht.in">info@ciht.in</a> , <a href="mailto:ssasht@ciht.in">ssasht@ciht.in</a>
<b>Phone:</b>	+91-9417040457

## Extension Center (PPDC Meerut), Jalandhar

The extension centre at Jalandhar has been functioning since 2006. This extension centre is catering to the sports goods industry in and around Jalandhar. The main services provided are Physical Testing and skill development training.

### Infrastructure Facilities

S. N.	Name of the machine
1	Shore A Hardness Tester
2	Air Ageing Oven
3	Muffle Furnace
4	Thickness Gauge
5	Constant Load Hardness Tester
6	DIN Abarsion Tester
7	Specific Gravity Balance
8	Electronic Weighing Balance
9	Oscillating Disc Rheometer
10	Computerised Tensile Testing Machine
11	Football water Uptake tester
12	Compression Set Apparatus
13	Circumference & Spherity Tester for Football
14	Solar Wood Seasoning Plant
15	Chemical Balance K.Roy (double Pan)
16	Single Pan Balance Cap 100gm.
17	Compression Fatigue Tester
18	Fume Chamber
19	Hot Plate with Magnetic Stirrer
20	Moisture Determination Apparatus
21	PH Meter with ATC
22	Soxlet Extraction Unit
23	Adhesion Testing Grip & Mould
24	impact Resilience Tester
25	Mooney Viscometer
26	Melting Point Apparatus

### Testing Charges

S.N.	Services	Testing Charges (Rs.)
1	Thickness	200.00
2	Specific gravity/density	300.00
3	Tensile strength & elongation at break	500.00
4	Hardness	200.00
5	Compression set	500.00
6	Abrasion Loss	600.00
7	Tear strength	500.00
8	Rheometry	600.00
9	Water uptake Test (Football)	700.00
10	Breaking strength	500.00
11	Weight per square meter	200.00
12	Water absorption	200.00
13	Width	200.00
14	Circumference	200.00
15	Sphericity	200.00
16	Weight	200.00
17	Moisture content of wooden clefts/products	400.00
18	Seasoning of Wood/24 Hrs	504.00
19	Ash content	700.00
20	Test charges for conveyor Belt	
21	Flame test	600.00
22	Drum friction test	600.00
23	Electrical Resistance	600.00

## Extension Center (PPDC Meerut), Jalandhar

### Courses Offered

S. N.	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
1	Certificate Course in Cricket Ball Manufacturing	600 hrs.	20,000/-	3	July

### Contact

**Contact Person:** Sh. Daljit Singh

**Address:** C/o Central Institute of Hand Tools, G.T. Road, Amritsar Bye Pass, Opp. Shaheed Bhagat Singh Colony, Jalandhar City - 144 008, State - Punjab, INDIA

**Website:** [www.ppdcmeerut.com](http://www.ppdcmeerut.com)

**Email:** [training@ppdcmeerut.com](mailto:training@ppdcmeerut.com), [info@ppdcmeerut.com](mailto:info@ppdcmeerut.com), [daljit.singh713@gmail.com](mailto:daljit.singh713@gmail.com)

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# Puducherry



## MSME, Technology Centre, Puducherry



The MSME Technology Centre is a Pioneer Institute. The Foundation Stone was laid on 22nd Feb 2014 for establishing MSME Technology Centre at Information Technology Park, Pillaichavadi, Puducherry. The Centre started functioning from 24<sup>th</sup> December, 2018.

The MSME sector is a vibrant and vital sector of Puducherry's economy in terms of employment generation and share of production. Puducherry and its catchment area has become a major electronics and IT hub in India.

### Aim

The aim of the centre is to assist MSMEs in their respective fields through introduction of latest design and production technologies and also by providing training, consultancy and common Facility Services by continually improving the skills and knowledge of the human resources of the Technology Centre.

### Objective

- ❖ To provide technical, advisory & consultancy services for existing & prospective MSMEs in the areas of Electronic System Design & Manufacturing (ESDM) sector.
- ❖ To provide support to Entrepreneurs and MSMEs from the initial stages of product concept to prototyping, low volume production and incubation for a period of two years.
- ❖ To focus on improving access to technology, providing skill up-gradation, and offering advocacy support to MSMEs, to ensure competitiveness in the eco-system by strengthening linkages to the mainstream ESDM sector in the Region.

### Services Offered

- ❖ **Innovation and Design Centre** – This will provide support for concept creation, product design, patent registration and harvesting along with related consultancy services for entrepreneurs, MSMEs and other large players in the ESDM sector .
- ❖ **Prototyping, Assessment, Testing and Calibration Centre** – This will provide facilities for additive manufacturing, electronic assembly, testing and calibration for electronic products
- ❖ **Manufacturing Incubation Centre** – This facility will provide shell infrastructure, business facility centre and machinery and equipment for entrepreneurs/MSMEs to rent for a period of 2 years
- ❖ **Training Centre & Placement Cell**- The TC will provide a number of long, medium and short term courses on embedded system design, PCB Design and Assembly, hardware maintenance and repair and computer hardware and software. The TC will have course in traditional tool design and maintenance like CAD/CAM design, tool design, CNC maintenance etc. Along with training, TC will facilitate the students in getting the placements in reputed firms through a dedicated placement cell. Skill up-gradation courses for trainers of the institutes, Skill enhancement programmes for industry persons and E-SDP (Entrepreneurship cum Skill Development program)

## Technology Centre, Puducherry

### Infrastructure Facilities

S. N.	Name of the machine	Quantity	Size/ accuracy	Rates per hour
1	EDM Die Sinking machine	1	350 x 250 x 250 mm \5 Microns	800-1500
2	CNC Milling Machine	5	550 x 400 x 500 mm \ 8 Micron& 760 x 400 x 400 mm \ 10 Microns	300-600
3	CNC Turning Machine	4	200mm(Dia) x400 (Length) mm/10 Micron	250-500
4	Conventional Milling VMC,HMC,UMC	4	1555 x 315 mm / Varies	175-400
5	Conventional Grinding Machines (Surface &Cylindrical)	4	220 x 620 mm / 8 Micron& 130 x 500 mm/ Varies	200-400

### Courses Offered

S.N.	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
1	AutoCAD	1 Month	Up to 5500/-	Exempted	Every Month
2	CAD / CAM / CAE Courses	1 Month	Up to 10000/-	Exempted	Every Month
3	CNC Programming & Machining	1 Month	Up to 12000/-	Exempted	Every Month
4	Short Term Courses	< 6 Months	Up to 25000/-	3-4	Twice in a year

### Contact

**Contact Person:** Amit Nain, Deputy General Manager  
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 Adjacent to PEC. East Coast Road, Pillaichavadi, Puducherry-605014, India  
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**Email:** [msmetcepondy@gmail.com](mailto:msmetcepondy@gmail.com), [dgm-msmetc.py@dcmsme.gov.in](mailto:dgm-msmetc.py@dcmsme.gov.in)  
**Phone:** +91 413 2971085 , +91 8527599421





# Rajasthan



## MSME, Technology Centre, Bhiwadi



MSME-Technology Centre Bhiwadi, established in December 2018 by the Ministry of Micro Small and Medium Enterprises (MSME) under its flagship program “Technology Centers Systems Programme (TCSP)” with World Bank assistance. This is the first and only Technology Centre of MSME for the state of Rajasthan, which is constructed in 10.08 acre land, consisting of separate block for Training, Production, Admin with Auditorium, Exclusive canteen, Separate Hostel for Girls and Boys, Executive hostel and Staff Quarters and having State of Art Laboratories like CAD/CAM/CAE, Tool Designing, Tool & Die Making, Industrial Automation, Hydro-Pneumatic System, Engineering Metrology and CNC –Technology which are completely equipped with latest and advanced Machines/ Software’s.

Technology Centre Bhiwadi has been set up to cater the Automotive, and General Engineering industries in the catchment area of Gurgaon, Manesar, Bhiwadi, Dharuheda, Faridabad, Neemrana and Bawal.

MSME-Technology Centre Bhiwadi will play an important role in enhancing the competitiveness of the MSME Units and focus on improving access to technology, providing skill upgradation, providing International Quality tools, and offering advocacy support to the MSMEs with high growth potential.

### Infrastructure Facilities

S. N.	Name of the machine	Size/ accuracy	Rates per hour
1	CNC Turning Centre	450MM-Ace CNC Lathe & BFW Lathe -500mm	Rs 700/-
2	CNC Vertical Milling Centre	760mm*400mm*400mm	Rs 800/-
3	Conventional Vertical Milling Machine	760mm*400mm*400mm	Rs 500/-
4	Hydraulic Cylindrical Grinding machine	Centre Height-130mm, Centre Distance-550mm, Maximum Grinding Length-550mm	Rs 500/-
5	Precision surface Grinding Machine	Table Size-220*620mm	Rs 500/-
6	CNC Electrical Discharge machine (EDM)	350mm*250mm*250mm	Rs 500/-

- ❖ Apart from these machines, TC is equipped with the state-of-the-art technical software like Solid works, Catia, AutoCAD, Unigraphics, Delcam, Ansys, CREO, Mastercam etc. to cater training programs in Design and Tool design. Training programs are conducted on First Monday of every month.

## Courses Offered

S. N.	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
1	Post Graduate Diploma in Tool Design & CAD/CAM	18 Months	Rs.105,000/- (Rs. 35,000/- per Sem.)	NSQF Level - 8	January, April & August Every year
2	Post Diploma in Tool Design & CAD/CAM	12 Months	Rs.70,000/- (Rs. 35,000/- per Sem.)	NSQF Level - 6	January, April & August Every year
3	Post Diploma in Computer Aided Engineering	12 Months	Rs.70,000/- (Rs. 35,000/- per Sem.)	NSQF Level - 6	January, April & August Every year
4	Post Diploma in Mechatronics	12 Months	Rs.70,000/- (Rs. 35,000/- per Sem.)	NSQF Level - 6	January, April & August Every year
5	Post Diploma in Industrial Automation & Robotics	12 Months	Rs.70,000/- (Rs. 35,000/- per Sem.)	NSQF Level - 6	January, April & August Every year
6	Certificate course in CNC Turning & Milling	12 Months	42000/- (Rs. 21000/- Per Sem.)	NSQF Level - 4	January, April & August Every year
7	Advance Diploma in Machine maintenance & Automation	6 Months	Rs.40000/-	NSQF Level - 6	January, April & August Every year
8	Master certificate course in Mechatronics	6 Months	Rs.40000/-	NSQF Level - 6	January, April & August Every year
9	Master Certificate course in computer aided tool engineering	6 Months	Rs.40000/-	NSQF Level - 6	January, April & August Every year
10	Master certificate course in CAD / CAM	6 Months	Rs.40000/-	NSQF Level - 6	January, April & August Every year
11	Advance certificate course in CNC machining	6 Months	Rs.40000/-	NSQF Level - 5	January, April & August Every year
12	Certificate course in CNC Turning	6 Months	Rs. 20000/-	NSQF Level - 4	January, April & August Every year
13	Certificate course in CNC Milling	6 Months	Rs. 20000/-	NSQF Level - 4	January, April & August Every year

## Contact

**Contact Person:** Mr. Sumit Jain, Deputy General Manager  
**Address:** MSME Technology Centre Bhiwadi  
 Plot No. SP3 – 871 (A), 872, RIICO Industrial Estate Pathredi, Bhiwadi - 301019 Dist. Alwar (Rajasthan) India  
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**Email:** [Dgm-tcbhiwadi@dcmsme.gov.in](mailto:Dgm-tcbhiwadi@dcmsme.gov.in)  
**Phone:** 01493-242100 /139, 9373161259, 9373161260, +91-9811064275

## Extension Center of PPDC Agra at Nagaur



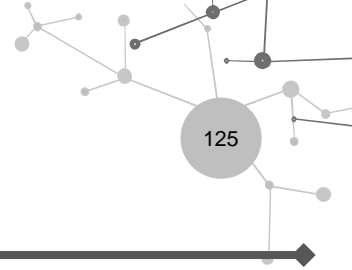
Extension Centre, Nagaur, Rajasthan is an extension centre of PPDC-Agra. The main purpose of this EC is to serve the MSMEs in the region of Nagaur specially for Hand Tool Industry and provide training in the field of Tool/Die/Machining area, We are imparting training on various CAD /CAM /CAE software's, Animation and Multimedia, Computer Hardware and networking & tool and die making. This has benefitted lot of unemployed youths to get trained and they have either started their own business or go to Employment. Students from Engineering Colleges, other technical institutes and Industries have benefitted from these trainings.

### Infrastructure Facilities

S. N.	Name of the machine	Size/ accuracy	Rates per hour
1	Conventional Lathe	Dimension(L*W*H)3670*1730*1450MM Millimeter(mm)	130 /-
2	Conventional Milling	Working surface 1110*250 mm	180 /-
3	Conventional Shaper	Length and Ram Stroke 610 mm / 660 mm	110 /-
4	Surface Grinding	Grinding VYheel (Dia x Bore x Width) 178 x'31.75 x,12.7 with Spindle Speed 2800 R.P.M	180 /-
5	Conventional Drilling	Dia 100 mm	90 /-
6	Tool & Cutter Grinder	Tilting in either Direction 180 deg with Spindle Speed 3800 R.P.M	130/-
7	CNC Lathe	Chuck Size 100 mm Max turning dia 80 mm Max turning Length 180 mm	210/-
8	Power Hacksaw	Max Dia- 300 mm	90/-

### Courses Offered

S. N.	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
1	Certificate Course In CNC Turning & Milling	1560 hrs	66000	4	Sept. 2020
2	Certificate Course In Machine operation	1560 hrs	66000	4	„
3	Advanced Diploma in Computer Hardware & Networking Management	780 hrs	33000	5	„
4	NIELIT "O" Level	480 hrs	18500	5	„
5	Certificate Course In CNC Turning	780 hrs	33000	4	„



## Extension Center of PPDC Agra at Nagaur

### Contact

**Contact Person:** Mr. Goutam Maiti, Field Officer  
**Address:** Extension Center, Nagaur, Industrial Area , Basni Road, Rotary Choraha , Nagaur, Rajasthan- 341001  
**Website:** <http://www.ppdcagra.dcmsme.gov.in/extncentre.html>  
**Email:** [ppdcnagaurht@gmail.com](mailto:ppdcnagaurht@gmail.com)  
**Phone:** 9548659916, 9748937540, 9548659916



## Extension Center of PPDC Agra at Kota

Extension Centre, Kota, Rajasthan is one of the extension centre under PPDC, Agra. The main purpose of this EC is to serve the MSMEs in the region of Kota, Rajasthan and provide training in the field of Computer (Software – Hardware) , Industrial Automation & Robotics, Multimedia & tool and die making. The Centre is being established under Hub & Spoke Model Scheme of Mo MSME, Govt. of India.

### Infrastructure Facilities

❖ Machines, Equipments & Tools for Extension Center, Kota are being procured as per approved DPR.

### Courses Offered

S. N.	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
1	NILET 'O' Level	480 Hrs	18500	Level 5	25 <sup>th</sup> Sept. 2020
2	Advance Computer Hardware & Networking	780 Hrs	33000	Level 5	25 <sup>th</sup> Sept. 2020

### Contact

**Contact Person:** Mr. Sachin Sarswat  
**Address:** Extension Center, Kota, A1-A2, Industrial Area,D.C.M. Road, Kota, Rajasthan – 24004  
**Website:** <http://www.ppdcagra.dcmsme.gov.in/extncentre.html>  
**Email:** [tcppdcagra@dcmsme.gov.in](mailto:tcppdcagra@dcmsme.gov.in)  
**Phone:** +91-9660487345, +91-7976564929

## Extension Center of PPDC Agra at Udaipur



Extension Centre, Udaipur, Rajasthan is one of the extensions centres under PPDC-Agra set up in state of Rajasthan. This Centre is currently being established under “SCOPE & HUB” Model and will be completed by March 2021.

### Infrastructure Facilities

S. N.	Name of the machine	Size/ accuracy	Rates per hour
1	Electric Saw Machine Bench Saw Table Saw Woodworking Sawing Machine	Product Size: 100*70*52cm	To be Decided
2	Wood Planner Machine	Working depth 255 mm Working width 500 mm	
3	Conventional Shaper	Length and Ram Stroke 610 mm / 660 mm	
4	Wood Turning Lathe Machine	Length of Bed 5 ft	
5	Conventional Drilling	Dia 100 mm	
6	Conventional Lathe	Dimension(L*W*H)3670*1730*1450MM Millimeter (mm)	

### Courses Offered

S. N.	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
1	Certificate Course In Machine operation	1560 hrs	66000	4	Will start from Sept Onwards
2	Advanced Computer Hardware & Networking Management	780 hrs	33000	5	Will start from Sept Onwards
3	NIELIT “O” Level	480 hrs	18500	5	Will start from Sept Onwards

### Contact

**Contact Person:** Krishan Gupta  
**Address:** Extension Center, Udaipur, Plot No. A1-A2, Industrial Estate Pratap Nagaur Udaipur, Rajasthan 313003  
**Website:** <http://www.ppdcagra.dcmsme.gov.in/extncentre.html>  
**Email:** [krishan.msmedc@gmail.com](mailto:krishan.msmedc@gmail.com)  
**Phone:** +91-85579 91080

## Extension Center of PPDC Agra at Jaipur



Extension Centre, Jaipur (Rajasthan) is one of the Extension Centres under MSME- Technology Development Centre PPDC, Agra. The main purpose of the EC is to serve the MSMEs in the region of Jaipur district and provide training in the field of CNC Technology, Machinist, Solar, 3D Printing, Product design, and Inspection & Quality Control. We are imparting training on various CAD /CAM /CAE software, Animation and Multimedia, Computer Hardware and networking & tool and die making. This has benefitted lot of unemployed youths to get trained and they have either started their own business or go to Employment. Students from Engineering Colleges, other technical institutes and Industries have benefitted from this training.

### Infrastructure Facilities

S. N.	Name of the machine	Size/ accuracy	Rates per hour
1	CNC Lathe	Max. Dia. (200) Max Length 270	210/-
2	VMC Machine (XxYxZ)mm	(400x400x400)	210/-
3	Vertical Grinding Machine	Max. width of grinding: 300 mm Magnet Clamping area of table: 300 x 1500 mm	210/-

### Courses Offered

S.N.	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
1	Solar PV Installer-Electrical	150 hrs	INR 5780/-	4	Sept. 2020
2	NIELIT "O" Level	480 hrs	INR 18500/-	5	----do-----

### Contact

<b>Contact Person:</b>	Mr. Vinkal Singh
<b>Address:</b>	Extension Center, Jodhpur (Rajasthan), A-1, A-3, Udhog Bhawan, New Power House Road, Industrial Estate Jodhpur, Rajasthan-342003
<b>Website:</b>	<a href="http://www.ppdcaagra.dcmsme.gov.in">www.ppdcaagra.dcmsme.gov.in</a>
<b>Email:</b>	<a href="mailto:manhasvinkal@gmail.com">manhasvinkal@gmail.com</a>
<b>Phone:</b>	+91-7889372148





# Tamil Nadu



## Central Footwear Training Institute (CFTI) Chennai



Central Footwear Training Institute, (CFTI) Chennai, a pioneer in Footwear Technology training since its establishment in 1957 has been consistently catering to the footwear industry in its skilled manpower needs. The Institute possesses state of the art machinery and also in addition to training it also provides common facility services to the needy footwear MSMEs. Apart from the above activities CFTI extends footwear technology related consultancy services for footwear MSMEs and Footwear Entrepreneurs.

CFTI, Chennai conducts long term courses in Footwear Technology for students ranging from 10<sup>th</sup> std to professional graduates, with duration ranging from 1 year to 2 years. Similarly, the Institute also conducts a medium term and few short-term courses covering specific aspects of footwear technology. The ex-students of this Institute are employed in reputed footwear industries round the globe.

### Skill Development / Manufacturing Capabilities

- ❖ Footwear Designing
- ❖ 2D/3D CAD
- ❖ Graphical Documentation Manager (GDM)
- ❖ Sample development
- ❖ Footwear manufacturing
- ❖ PU Soles manufacturing
- ❖ EVA insoles for improper foot structured orthopedic and diabetes patients

### Contact

<b>Contact Person:</b>	Shri. K. Murali
<b>Address:</b>	Central Footwear Training Institute, 65/1, GST Road, Guindy, Chennai-600032, Tamil Nadu, India
<b>Website:</b>	<a href="https://cftichennai.in/index.php">https://cftichennai.in/index.php</a>
<b>Email:</b>	<a href="mailto:director@cftichennai.in">director@cftichennai.in</a> , <a href="mailto:cfti@cftichennai.in">cfti@cftichennai.in</a>
<b>Phone:</b>	044-22501529, 044-22500876, 044-22501038, 9677943633, 9677943733

## Extension Center of CITD Hyderabad at Chennai



CITD Extension- Centre, Chennai was established in January 2008 at ANNEXE building of MSME-DI campus. In April 2012 CITD Extension- Centre, Chennai functioning in its own building at Shed.No.33 MSME-DI Campus, Chennai.

In December 2014 MSME SAMSUNG TECHNICAL SCHOOL ARISE Batch-I programs started.

On 17<sup>th</sup> September 2015, Union Minister For Micro, Small And Medium Enterprises Shri Kalraj Mishra Inaugurated One MSME SAMSUNG TECHNICAL SCHOOL AT CITD Extension Centre Chennai Shed.No.31 in MSME-DI Campus providing training in various trades like handheld products (HHP), Audio Video,(AV) , Room Air Conditions & Home Appliances (RAC&HA).

### Courses Offered

S. N.	Name of the course	Duration	Fee	NSQF level	When the program starts
1	Master certificate course in CAD CAM	6 months	51000	6	Twice in a Month
2	Autocad	1 month	6400	Exempted	Every Month
3	CNC programming and machining	1 month	6400	Exempted	Every Month
4	CREO parametric	1 month	9350	Exempted	Every Month
5	Catia	1 month	9350	Exempted	Every Month
6	Solidworks	1 month	9350	Exempted	Every Month
7	Nx unigraphics cad	1 month	9350	Exempted	Every Month
8	Nx unigraphics cam	1 month	9350	Exempted	Every Month
9	Ansys	1 month	9350	Exempted	Every Month
10	Hypermesh	1 month	9350	Exempted	Every Month
11	Delcam	1 month	9350	Exempted	Every Month
12	Mastercam	1 month	9350	Exempted	Every Month
13	VLSI	1 month	8260	Exempted	Every Month
14	Micro Controller	1 month	8260	Exempted	Every Month
15	PLC Programming	1 month	8260	Exempted	Every Month

## Extension Center of CITD Hyderabad at Chennai

### Contact

**Contact Person:**

Mr. Niranjan Kumar. K , Incharge of CITD Extension Centre Chennai

**Address:**

65/1 GST Road, Shed No-33, MSME DI Campus, Guindy, Chennai, Tamil Nadu 600032

**Website:**

<https://www.citdindia.org/>

**Email:**

[chennai@citdindia.org](mailto:chennai@citdindia.org)

**Phone:**

044 2250 0366 , 09791161148

## Extension Center of PPDC Agra at Madurai



Extension Centre of PPDC at Madurai (Tamil Nadu) has started functioning from 08/04/2019. It's an approved Extension Centre of PPDC caters to the needs of MSMEs, small entrepreneurs and operating in 10 southern administrative districts of Tamil Nadu. Offer of training programmes/ technical courses to aspiring entrepreneurs, students to promote entrepreneurship and employability, is the main stay of Madurai EC. The focus training areas are: Agro & Food Processing, Apparel & Fashion Designing/ Garments manufacture (basic tailoring, embroidery, textiles printing and dyeing). Trainings also provided in Engineering workshops in technical trades (like, Electrical, Mechanical-Fitter & welder, Plumbing). IT & ITEs courses, Entrepreneurship & Management Development Programmes are the other activities.

### Infrastructure Facilities

S. N.	Name of the machine	Size/ accuracy	Rates per hour
1.	Laboratories IT & ITEs trainings State of the art PCs, Printers.	-	Yet to be fixed up.
2.	Laboratories for Food Processing, Textiles & Garments and General Engineering Workshop are being set up.	-	-

### Courses Offered

S. N.	Name of training programs	Duration	Fees, including GST (Rs.)	NSQF level	When the program starts
1	NIELIT "O" Level	480 hrs	18500	5	Sept. 2020
2	Advanced Diploma in Computer Hardware & Networking Management	780 hours	33000	5	
3	AYUSH medicinal Products	Online (10 Hrs.)	1180	-	
4	Manufacture of PPEs	Online	50000	-	

### Contact

**Contact Person:** Shri K. Jayachandiran, Sr. Consultant  
**Address:** MSME - TDC (PPDC) Extension Centre, SIDCO Industrial Estate, Melur Road, K. Pudur, Madurai – 625007  
**Website:** [www.ppdcaagra.dcmsme.gov.in](http://www.ppdcaagra.dcmsme.gov.in)  
**Email:** [maduraimsmetdc@gmail.com](mailto:maduraimsmetdc@gmail.com) , [jayachandiran@gmail.com](mailto:jayachandiran@gmail.com)  
**Phone:** +91 4522568313 , 99628 73778

## Extension Center of PPDC Agra at Coimbatore



Extension Centre, Coimbatore, Tamilnadu is located in Arasur,. The main purpose of this EC is to serve the MSMEs in the region of Engineering, Foundry & Forging sector & testing support for same, Also provided training in the field of entrepreneurship development, all streams of Engineering and Advanced /Latest technology orientated trainings. We are imparting training on various CAD /CAM /CAE software's, Animation and Multimedia, Computer Hardware and networking & tool and die making. This has benefitted lot of unemployed youths to get trained and they have either started their own business or go to Employment. Students from Engineering Colleges, other technical institutes and Industries have benefitted from this training.

### Infrastructure Facilities

S. N.	Name of the machine	Size/ accuracy	Rates per hour
1	CNC Lathe & Milling	3 axis / 0.005	Based on job of the component rates may differ / standard Rate for predefined programming job 1500 INR
2	Design Consultancy Services		
	1. Solid works	0% error	300 INR
	2. CAD CAM		
3	Metrology & Inspection Services & Material testing	Dimension-(2060L×750W×2180H) mm	150 INR

❖ Apart from these machines, the EC is equipped with the state-of-the-art technical software like , Auto CAD, Electrical CAD & Stimulation for Manufacturing.

### Courses Offered

S. N.	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
1	Certificate course in CNC Turning & Milling	1560 hours	66000	4	22-09-2020
2	Certificate Course in Machine operation	1560 hours	66000	4	22-09-2020
3	Advanced Diploma in Computer hardware and network Management	780 hours	33000	5	22-09-2020

## Extension Center of PPDC Agra at Coimbatore

### Courses Offered

S. N.	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
4	Advanced certificate course in foundry technology	2340 hours	99000	5	22-09-2020
5	Post graduate diploma in product design Mechanical	2340 hours	99000	8	02-11-2020
6	Advance certificate course in quality & inspections	780 hours	33000	5	02-11-2020
7	NIELIT 'O' Level	480 hours	18500	5	22-09-2020

### Contact

**Contact Person:** D.Balaguru, Asst Director (Training)  
**Address:** MSME Technology Development centre, Foundry Cluster Park 1, Thennampalyam pirivu, Arasur – 641048, Tamilnadu  
**Website:** [www.ppdcagar.dcmsme.gov.in](http://www.ppdcagar.dcmsme.gov.in)  
**Email:** [info@ppdcagra.in](mailto:info@ppdcagra.in) , [ppdccoimbatore@gmail.com](mailto:ppdccoimbatore@gmail.com)  
**Phone:** 0422-4350611, +91- 9600776611



# Telangana





## Central Institute of Tool Design(CITD), Hyderabad



Central Institute of Tool Design (CITD), an ISO 9001:2015, 14001:2004, 29990:2010, & 50001:2011 Certified Institution in India providing specialized training courses in Tool Design & Manufacturing, CAD/CAM/CAE, VLSI, Embedded Systems, Mechatronics and Robotics. Established in 1968 by Government of India with the assistance of UNDP and ILO. The Institute is first of its kind in the country established by Government of India to fulfil the tooling needs of Small-Scale Industries and training of technical personnel in Tool Design & manufacturing. Over the years, it has leverage into the field of ESDM training, design and consultancy.

### Objective

- ❖ Design & Manufacturing of Press Tools, Moulds, Dies, gauges, jigs and fixtures etc
- ❖ Provision of advisory services to MSME's including assistance in design and developing tools for various processes
- ❖ Recommending measures to standardize components for dies, jigs and other tools.
- ❖ Training of the technical personnel in Designing & Manufacture of Tools, Dies & Moulds.

### Skill Development / Manufacturing Capabilities

- ❖ Training programs
- ❖ CAD/CAM centre
- ❖ Manufacturing production facility
- ❖ Automation Centre
- ❖ ESDM Lab

### PG Courses Offered

S. N.	Name of the Course	Duration	Fee(Rs.) per Semester	University Collaboration (AICTE)	When the program starts
1	M.E.(CAD/CAM)	2 years	41,000/-	Approved	Once year
2	M.E. (Tool Design)	2 years	41,000/-	Approved	Once year
3	M.E. (Design for Manufacture)	2 years	41,000/-	Approved	Once year
4	M. Tech (Mechatronics)	2 years	41,000/-	Approved	Once year

### Diploma Courses Offered

S. N.	Name of the Course	Duration	Fee(Rs.) per Semester	AICTE	When the program starts
1	Tool, Die & Mould Making (DTDM)	4 years	20,000/-	Approved	Once year
2	Production Engineering	3 years	20,000/-	Approved	Once year
3	Electronics & Communication Engineering	3 years	20,000/-	Approved	Once year
4	Automation & Robotics Engineering	3 years	20,000/-	Approved	Once year

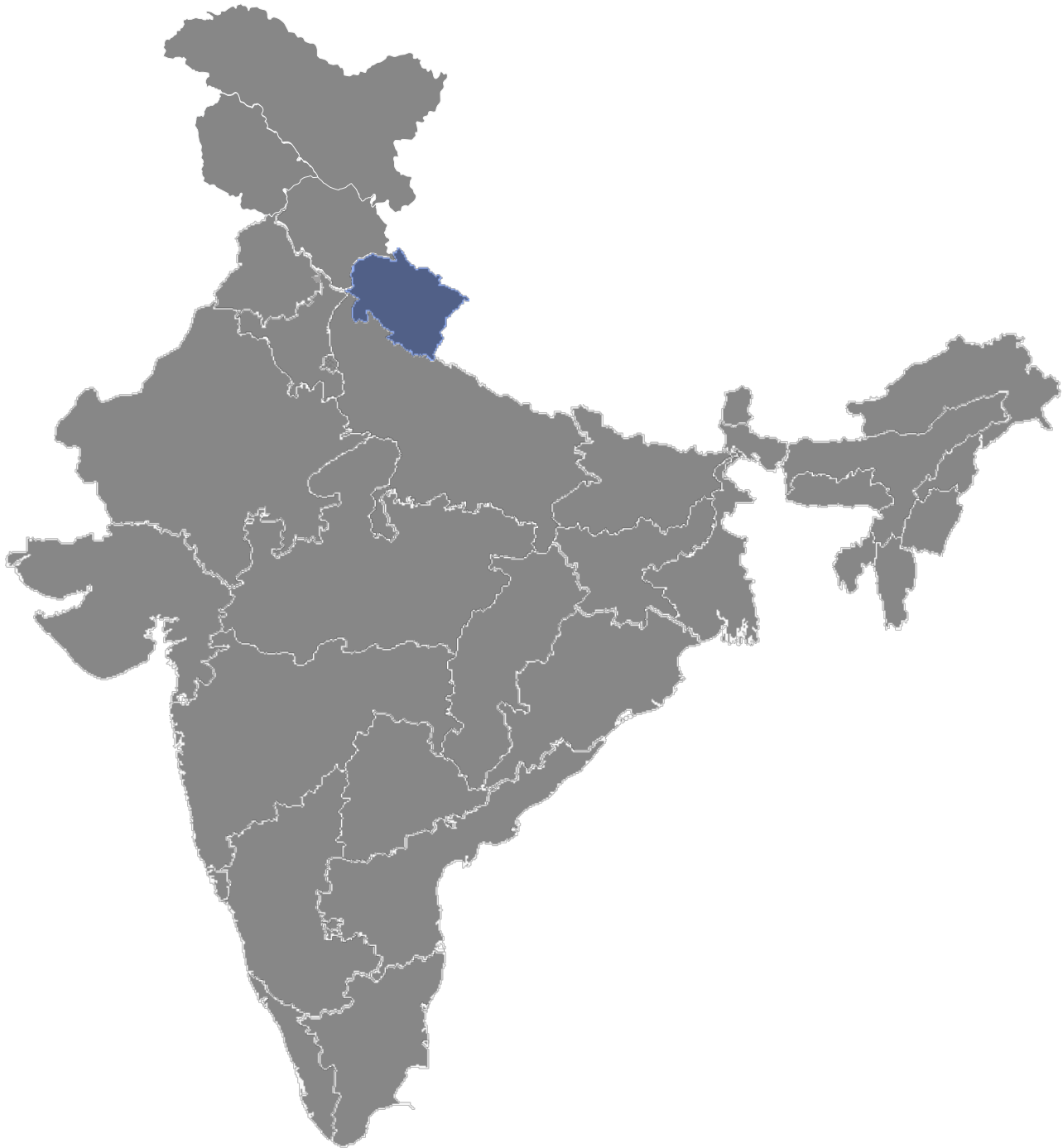
- ❖ Besides above, the CITD provides various training programmes in Engineering tools, Tool Engineering, Civil Engineering, ESDM, Automation whose details are available in CITD website [www.citdindia.org](http://www.citdindia.org)

### Infrastructure Facilities

S. N.	Description	Size(mm)	Rate (Rs.)
Manufacturing on Machine Hour rates - CNC Machines			
1	VMC (Milling): BFW	600x500x500	Rs. 300 /-
2	VMC (Milling): BFW	800x500x501	Rs. 300 /-
3	VMC(Milling): BFW	1000x600x600	Rs. 350/-
4	VMC D/c - Kaoming	2230x1400x700	Rs. 750/-
5	HMC - BFW	1300X1000X1000	Rs. 1000/-
6	Turning	Ø150X300	Rs. 250/-
7	Jig Boring – Sip - NC	650X550X500	Rs.300/-
8	W/C - Electronica	400X350X250	Rs. 300
9	Grinding – Kent NC	1500X400X350	Rs. 300
10	Cylindrical Grinding		Rs. 250
Manufacturing on Machine Hour rates – Conventional Machines			
11	Turning	Ø150X500	Rs.175/-
12	Milling	600x400x400	Rs.175/-

### Contact

**Contact Person:** S Venkata krishna, Dy.Director (TRG & APCU)  
**Address:** A-1 to A-8, A.P.I.E., Balanagar, Hyderabad - 500037 Telangana  
**Website:** [www.citdindia.org](http://www.citdindia.org)  
**Email:** [mktg@citdindia.org](mailto:mktg@citdindia.org) [info@citdindia.org](mailto:info@citdindia.org) , [pd@citdindia.org](mailto:pd@citdindia.org)  
**Phone:** 08924-282600/601/602/603/604/605



# Uttarakhand



## Electronics Service & Training Centre (ESTC) Ramnagar



Electronics Service & Training Centre has been established as a Govt. of India, Society - registered in April 1986, under the Societies Registration Act. 1860. This project is setup under UNDP collaboration, the main objective of setting up this project is to develop human resources to meet the essential requirements for transfer of technology in assembly and manufacturing of electronics items and parts. ESTC is ISO 9001-2015 Certified Organization. ESTC is operating under the administrative control of Ministry of Micro, Small and Medium Enterprises (MSME), Government of India. Additional Secretary & Development Commissioner (MSME), Ministry of Micro, Small & Medium Enterprises, Govt of India is Chairman of its Governing Council.

### Objective

- ❖ Training of the personnel in the areas of production and quality control for electronic and I.T. industry.
- ❖ Providing common facilities to the entrepreneurs in the region.
- ❖ To render counselling and guidance to new entrepreneurs in setting up of small-scale electronics and I.T. units.
- ❖ To develop products and processes involving advanced technologies in industry.
- ❖ To evolve a consultancy cell for the small-scale industries in the region.
- ❖ To establish Library-cum-Documentation Centre.
- ❖ To identify and promote ancillary industrial units for the large/medium enterprises in the region.
- ❖ To conduct market research and development of the above products for domestic and export markets.

### Services Offered

- ❖ Design, development and production
- ❖ Training
- ❖ Consultancy

### Infrastructure Facilities

S. N.	Name of the machine	Size/ accuracy	Rates per hour
1	PCB Machines	2 Sided	50 to 500
2	VMC, Conventional & CNC		100 to 400
3	Welding Setup		Work Based
4	All Types of PLCs		Work Based
5	Industrial Robot		N/A
6	Embedded, IOT & Drone		N/A
7	Design & Programming Software's		N/A
8	Transform Winding Machine		Depends on Core

## Electronics Service & Training Centre (ESTC) Ramnagar

### Courses Offered

S. N.	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
1	Diploma Courses	3 Yrs	30000/-	AICTE	Refer training calendar
2	NIELIT Courses	1 – 1 ½ Yrs	Up to 30000/-	3-4	
3	Long Term Courses	> 6 Months	Up To 25000/-	3-4-5	
4	Short Term Courses	< 6 Months	Up To 20000/-	3-4	
5	Customised Courses	< 1 Months	Up To 15000/-	N/A	
6	Entrepreneurship Courses	< 1 Months	Up To 5000/-	N/A	

### Contact

<b>Contact Person:</b>	Sanjeev kumar Chetti (Principal Director)
<b>Address:</b>	MSME TC (ESTC), Kaniya, Ramnagar, Nainital (Uttarakhand)
<b>Website:</b>	<a href="http://www.estcindia.com">www.estcindia.com</a>
<b>Email:</b>	<a href="mailto:pd_estc@estcindia.com">pd_estc@estcindia.com</a>
<b>Phone:</b>	9845034074

## Extension Center of ESTC at Haldwani



Extension Center of ESTC at Haldwani provides training and consultancy services to MSMEs involved in electronic products.

### Infrastructure Facilities

S. N.	Name of the machine	Size/ accuracy	Rates per hour
1	CNC Lathe & Conventional Machine	0.008 mm	100 to 400
2	VMC (600X300)	0.01 mm	250
3	Welding Setup (ARC, TIG, MIG, PVC)		Enquiry
4	CAD/CAM Software's		Based Design
5	All Types of PLCs		Based Design

- ❖ Apart from these machines, the EC is equipped with the state-of-the-art technical software such as Solid Works, AutoCAD, NX CAM, CATIA, SCAD & others

### Courses Offered

S. N.	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
1	Short Term NSQF Courses	< 6 Months	Up to 20000/-	3-4	
2	Customised Courses	< 1 Months	Up To 15000/-	N/A	Refer training calendar
3	Entrepreneurship Courses	< 1 Months	Up To 5000/-	N/A	
4	Weekend Workshops	2 Days	Up To 7000/-	N/A	
5	Long Term Course	1 Year	Up to 30000/-	3-4	

### Contact

<b>Contact Person:</b>	Ms. Avijit Kakkar, Jr. Scientific Officer
<b>Address:</b>	MSME Technology Extension Centre, Kham Bangla Campus, Kaladungi Road, Haldwani, Distt.Nainital UK 263139
<b>Website:</b>	<a href="http://estcindia.com/ESTC_Haldwani_Centre.php">http://estcindia.com/ESTC_Haldwani_Centre.php</a>
<b>Email:</b>	<a href="mailto:pd_estc@estcindia.com">pd_estc@estcindia.com</a>
<b>Phone:</b>	+91-9411329273

## Technology Centre Sitarganj



MSME Technology Centre, Sitarganj is the premium Centre of excellence established through the Ministry of Micro, Small and Medium Enterprises, Govt. of India under the auspices of the World Bank. MSME Technology Centre, Sitarganj is one of the Manufactures of tooling, dies, Jigs, Fixtures, Press components, CNC Machined parts and Fabrication of Engineering parts and Assemblies for Auto Sector

Technology Centre also provides the World-Class skill development training and conduct innovative research at the interface of multiple disciplines to create high-quality human resources in disciplinary and interdisciplinary areas of Engineering Technologies.

### Objective

- ❖ To enhance the competitiveness of micro, small and medium enterprises, MSME TC provides integrated support services under Marketing, Technology and other support services.
- ❖ To enhance growth of SME (Small Medium Enterprise).
- ❖ To upgrade the professional skills of employees.
- ❖ To provide training for skill up gradation of trainees.
- ❖ To meet diverse customer requirements.

### Services Offered

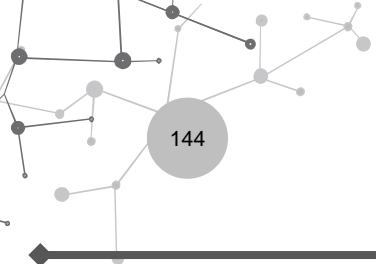
- ❖ Design and Manufacture using latest Technology
- ❖ Skill Development
- ❖ Consultancy
- ❖ Design, Prototyping, Assessment, Testing and Calibration Centre

### Infrastructure Facilities

S. N.	Name of the machine	Size/ accuracy	Rates per hour ~
1	Surface Grinding Machine		400
2	Conventional Machines	Varied Size	150 - 400
3	CNC Machines	Varied Size	150 - 4000
4	CNC Simulators	Emco	
5	Hydraulic & Numatic Lab	Festo	
6	Other Machines		100 – 500
7	CMM & Metallurgy Lab		

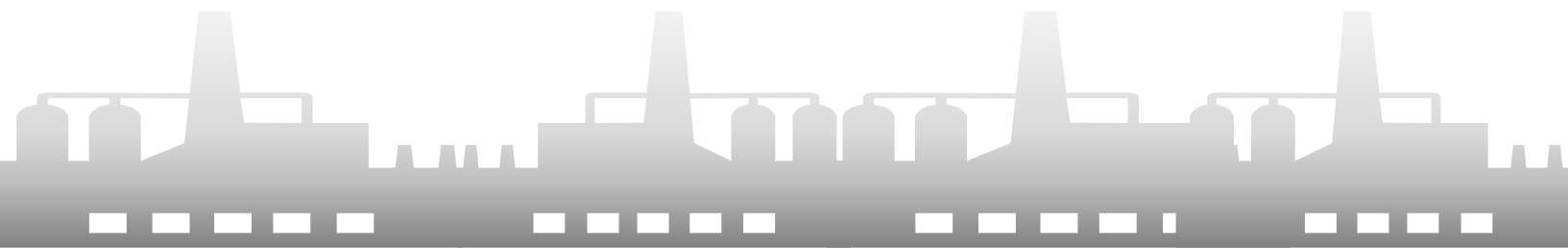
### Courses Offered

S. N.	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
1	Long Term Courses	1 Year	Up To 25000/-	3-4-5	Years
2	Short Term Courses	< 6 Months	Up To 20000/-	3-4	Twice In a Year
3	Customised Courses	< 1 Months	Up To 15000/-	N/A	Monthly
4	Entrepreneurship Courses	< 1 Months	Up To 5000/-	N/A	Need Based



### Contact

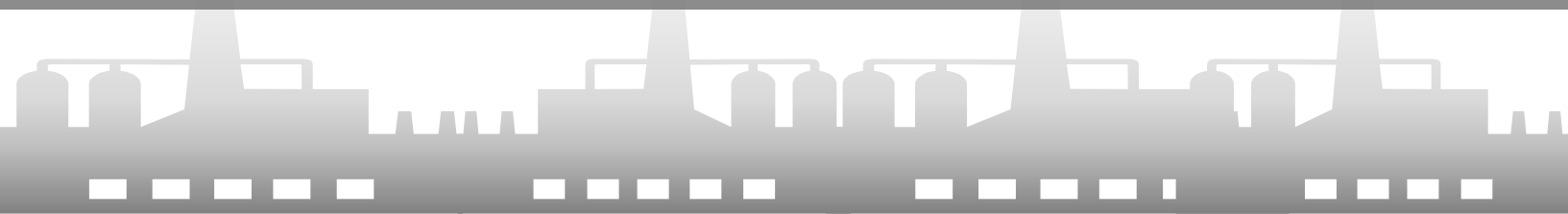
**Contact Person:** Mr. Ishu Astana, Sr. Manager (Training)  
**Address:** Plot # 12, Phase 2, Sector 3, SIIDCUL, Sitarganj, Distt. US Nagar 262405  
**Website:** <https://www.msmetcsitarganj.org/>  
**Email:** [pdtcsitarganj@gmail.com](mailto:pdtcsitarganj@gmail.com)  
**Phone:** 9559786600







# Uttar Pradesh



## Process & Product Development Centre (PPDC) Agra



Process and Product Development Centre (PPDC) was set up at Agra in 1985 with the assistance of Govt. of India, Govt. of U.P. & UNDP/ UNIDO for technological up-gradation of Micro, Small & Medium Enterprises (MSMEs) in general and Foundry & Forging Sector enterprises in particular. It's an autonomous body under the administrative control of DC (MSME). PPDC has its Head Quarter office in Agra. It operates 14 Extension Centres (EC) and 6 Entrepreneurship Facilitation Centres (EFC) spread across the country.

PPDC Agra provides comprehensive technology packages to small enterprises which would include design, components/ products development, inspection & quality control systems and standardization of processes in the area of foundry and forging. However, the activities have been diversified in to several areas to offer of services such as pollution control, energy conservation rendered through the Centre's Common Facility Workshops/ Laboratories.

### Infrastructure Facilities

S. N.	Name of the machine	Size/ accuracy	Rates per hour
1	Universal Testing Machine	60 Ton/ Calibrated	650/- for each sample
2	Digital Rockwell Hardness Tester – 02 nos.	Calibrated	80/- for each sample
3	Spectrometer 5 Base line Fe, Cu, Al, Ni, Zn for chemical analysis	Calibrated	375/- for each sample
4	Image Analyser GX51	Calibrated	500/- for each sample
5	Coordinate Measuring Machine	Calibrated	700/- per hour
6	CNC Turning, Turning Dia 180 mm, length 250 mm – 6 nos.	Calibrated	250/- per hour
7	CNC Milling, X-275 mm, Y- 175mm, Z- 240 mm – 3 nos.	Calibrated	250/- per hour
8	VMC, X-250 mm, Y-150 mm, Z-210 mm – 01 no.	Calibrated	250/- per hour

- ❖ Apart from these machines, the TC is equipped with the state-of-the-art technical software like: (a) NXACAD 100+101 (b) CREO 3.0 Version (c) Auto CAD 2014 (d) Casting Simulation (e) CNC Trainer kit

## Process & Product Development Centre (PPDC) Agra

### Courses Offered

S. N.	Name of training programs	Duration (Hours)	Fees including Tax	NSQF level	When the program starts
1	Computer Operator & Programming Assistant (COPA)-ITI	2080	18,400/-	4	Will be started in Sept. 2020
2	Draughtsman (Mechanical)-ITI	3200	36,800/-	5	-do-
3	Welder-ITI	2080	18,400/-	4	-do-
4	Certificate Course in Machine Operation	1560	66,000/-	3	-do-
5	Certificate Course CNC-Turning & Milling	1560	66,000/-	4	-do-

### Contact

**Contact Person:** Shri R. Panneerselvam, Principal Director

**Address:** MSME Technology Development Centre (PPDC), Foundry Nagar  
Hathras Road, Agra, Uttar Pradesh 282006

**Website:** [www.ppdcagra.dcmsme.gov.in](http://www.ppdcagra.dcmsme.gov.in)

**Email:** [info@ppdcagra.in](mailto:info@ppdcagra.in), [paselvam@gmail.com](mailto:paselvam@gmail.com)

**Phone:** +91-9760547805

## Process cum Product Development Centre (PPDC) Meerut



MSME Technology Development Centre, Meerut is an Autonomous Organization under Ministry of Micro, Small & Medium Enterprises, Government of India (registered as Govt. of India Society with Office of Registrar of Societies under Societies Registration Act 1860). It was established in 1986. The Additional Secretary & Development Commissioner (MSME), Government of India is the President of Society and Chairman of the Governing Council. The institute is a Common Facility Centre, Tool Room and Training Centre engaged in technology up-gradation and quality up-gradation of sports goods industry in India and also engaged in area of training in sports goods manufacturing, software/hardware of computer, tool and die making, CAD/CAM & CNC Technology.

The Centre is also engaged in testing & consultancy. The testing laboratory is accredited by NABL based on ISO/IEC 17025 - 2005 under Quality Council of India. The centre is testing as per International standards to meet qualitative human resources requirement of the industry & also has facilities for both physical & chemical testing for various materials such as Sports Footwear, Leather, Plastics, Rubbers, Packaging materials, Textiles, Safety footwear, and Sports Goods as per National & International method as IS, ISO, SATRA, AATCC, DIN etc. The Testing Laboratory of the Centre is able to provide fast and convenient service for footwear/Sports Goods/Textile manufacturers & able to serve its clients according to diversified market requirements.

This is a unique and the only Centre of its kind in India, certified with ISO 9001:2015 and ISO 14001:2015, having state of the art and most sophisticated imported and indigenous machinery & equipments.

### Infrastructure Facilities

S. N.	Machine	Per hour rate (in Rs.)
1	CNC Lathe Machine, Make: Batliboi, Model: Sprint 25 TC	429.00
2	4 <sup>th</sup> Axis Vertical CNC Milling M/C (4 <sup>th</sup> axis along with X axis), Make: ACE, Model: ACER	470.00
3	CNC Wire Cut EDM, Make: Electronica, Model: Maxicut- E	220.00
4	Spark Erosion, Make: Electronica, Model: EMS 5535 – PS 50	100.00
5	Centre Lathe Machines: - Distance between Centre : 1000mm - Height of Centre: 250mm	76.50
6	Shaping Machine: - Bed size: 24" X 20"	76.50
7	Surface Grinding Machine: - Job holding size: 20" X 9" - Job Height: 7"	105.00
8	Drilling Machine: - Max. drill size: dia. 20mm	43.50
9	Clicking Die Equipments For making clicking dies of different type of pattern like tennis ball cloth, thaipad, chappal sole etc.	85.50

- ❖ Apart from these machines, the TC is equipped with the state-of-the-art technical software like: (a) Windows Vista (b) Windows 7 (c) WinPro 7 SNGL Upgrd OLP NL ACDMC (d) WinSrvEnt 2008R2 SNGL OLP NL ACDMC with 5 Client (e) WinSrvCAL 2008 SNGL OLP NL ACDMC DvcCAL (f) Redhat Linux 6x Desktop-CN.2415241

## Process cum Product Development Centre (PPDC) Meerut

### Courses Offered

Sr.	Name of the Course	Duration	Fee (Rs.)	NSQF Level	When the Programme Starts
1	Advance Certificate Course in Polymer Technology	1560 hrs.	25,000	5	May
2	Certificate Course in Cricket Ball Manufacturing	600 hrs.	20,000/-	4	Dec
3	Certificate Course in Cricket Bat Manufacturing	300 hrs.	6,000/-	4	November
4	Advance Diploma in Computer Hardware and Network Management	780 hrs.	30,000/-	4	August/Jan
5	Master Certificate Course in CAD/CAM	780 hrs.	30,000/-	4	July/Dec
6	Certificate course in CNC Milling	780 hrs.	30,000/-	4	August/Jan
7	Certificate course in CNC Turning	780 hrs.	30,000/-	4	July/Dec

### Contact

**Contact Person:** V. P. Singh  
**Address:** Sports Goods Complex, Delhi Road, Meerut, U.P.- 250002  
**Website:** [www.ppdcm eerut.com](http://www.ppdcm eerut.com)  
**Email:** [training@ppdcm eerut.com](mailto:training@ppdcm eerut.com), [info@ppdcm eerut.com](mailto:info@ppdcm eerut.com)  
**Phone:** +91-9720870202

## Centre for Development of Glass Industry (CDGI) Firozabad



Centre for the Development of Glass Industry (CDGI) has been set up as a joint venture project of Government of India, United Nations Development Program (UNDP)/ United Nations Industrial Development Organization (UNIDO) and Government of Uttar Pradesh as a registered society on May 6, 1992 at Firozabad (U.P.). Functioning of the Centre is looked after by its Governing Council constituted by Government under the Rules of the Society.

### Objective

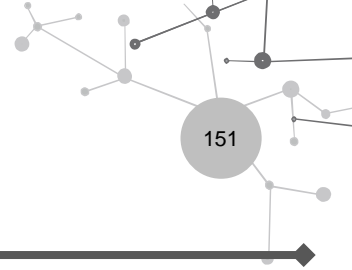
- ❖ Creation of new job opportunities and improvement of skills and working conditions for workers/artisans engaged in small & medium scale glass industries.
- ❖ Efficient utilization of country's energy and mineral resources.
- ❖ Development and adoption of new technologies and products.
- ❖ Protection of environment.

### Services Offered

- ❖ Laboratory services
- ❖ Pollution control division
- ❖ Combustion Engineering
- ❖ Product & Technology Development Unit (PTDU)
- ❖ Pot Development Unit
- ❖ Consultancy & Trouble Shooting services
- ❖ Design & Decoration Unit
- ❖ Training

### Courses Offered

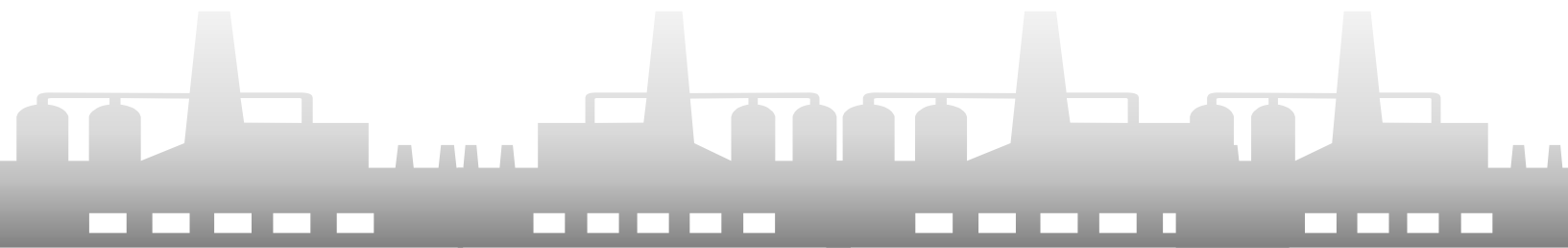
S. N.	Training Programme	Eligibility	Duration (Week)	Fee
1	Glass Cutting & Polishing	8 <sup>th</sup> Pass	6	7,000
2	Glass Painting	8 <sup>th</sup> Pass	5	5,000
3	Send Blasting	8 <sup>th</sup> Pass	2	5,000
4	Stained Glass	8 <sup>th</sup> Pass	2	7,000
5	Glass Toy Making	8 <sup>th</sup> Pass	4	8,000
6	Glass Jewellery Making	8 <sup>th</sup> Pass	2	5,000
7	Glass Cutting & Send Blasting	8 <sup>th</sup> Pass	8	10,000
8	Glass Painting & Stained Glass	8 <sup>th</sup> Pass	6	10,000
9	Glass Painting & Sand Blasting	8 <sup>th</sup> Pass	6	6,000
10	Glass Beveling & Glass Gluing	8 <sup>th</sup> Pass	2	7,000
11	Stained Glass & Glass Beveling	8 <sup>th</sup> Pass	3	7,500
12	Glass Fusing & Slumping	8 <sup>th</sup> Pass	2	7,000
13	Furnace Operator	8 <sup>th</sup> Pass	8	10,500



## Centre for Development of Glass Industry (CDGI) Firozabad

### Contact

**Contact Person:** Shri Sanjeev Chinmalli, PD  
**Address:** A1/1 , Industrial Area , Jalesar Road, Firozabad 283203, Uttar Pradesh  
**Website:** <https://www.cdgiindia.net/>  
**Email:** [cdgifzbd@gmail.com](mailto:cdgifzbd@gmail.com)  
**Phone:** +91-8420015789



## Fragrance & Flavour Development Centre Kannauj



Fragrance & Flavour Development Centre (FFDC) has been set up in 1991 by Govt. of India with the assistance of UNDP/UNIDO and Govt. of U.P. UNDP/UNIDO has provided technical expertise and imported equipments. Govt. of U.P. has provided land, building and infrastructure, while Govt. of India is contributing for the recurring, non-recurring and indigenous apparatus & equipments.

At present this is an ISO 9001:2015, ISO 14001:2015 and ISO 29990:2010 organization along with the oldest NABL accredited Quality Assessment Laboratory in fragrance & flavour since 1998 and also approved by Export Inspection Council, Ministry of Commerce & Industry, Govt. of India for chemical testing of attar, essential oils, fragrance, flavour, floral water, aromatic plants, aroma chemicals.

### Aim

- ❖ FFDC aims to serve as an interface between essential oil, fragrance & flavour industry and the R&D institutions both in the field of Agro and Chemical technology

### Objective

- ❖ Assisting in adoption of agronomical practices to introduce aroma bearing plants of higher yields.
- ❖ Providing guidance on Post-harvest technology, storage, packaging, sampling and marketing.
- ❖ Providing testing and quality control services for the raw materials and products.
- ❖ Providing an application development laboratory complete with facilities for creation of fragrance and flavours.
- ❖ Establishing information and documentation services to cater to the industry needs and to bring latest developments to their notice.
- ❖ Providing short- & long-term training in different aspects of Essential oil, fragrance & flavour.

### Services Offered

- ❖ Supply of planting materials/seeds.
- ❖ Production/Processing facilities on job-work/loan basis.
- ❖ Quality Assurance & Analytical Services.
- ❖ Creation of fragrances & flavours for various end uses.
- ❖ Application of fragrances in end-products.
- ❖ Sale of essential oils and its fractions resultant to development & training.
- ❖ Training in various disciplines of essential oil, fragrance & flavour.
- ❖ Field surveys and feasibility studies.
- ❖ Consultancy services.

### Divisions

- ❖ Agro technology & Extension Services.
- ❖ Process-Technology
- ❖ Quality Assessment and Standardization.
- ❖ Fragrance & Flavour Development
- ❖ Training, Technical Coordination & Business Development
- ❖ Extension Unit, Kanpur, U.P.
- ❖ Extension Unit, Berhampur, Odisha



## Fragrance & Flavour Development Centre Kannauj

Full time (10:00 a.M. To 05:00 P.M.) Short-term skill development training programmes

### Courses Offered

S. N.	Title	Minimum Qualification	Intake	Fee (Rs.)	Venue/Coordinator Contact No. (Name)
1.	Fragrance creation and its application – Level-III	Certification of F&F Level-II or Equivalent (RPL-F & F Level II)	25	20,000/-	FFDC, Kannauj
2.	Commercial cultivation of aromatic crops, its processing and marketing	10 <sup>th</sup> with well-versed in English/Hindi	25	11,500/-*	FFDC, Kannauj
3.	Fragrance & Flavour creation and its application – Level-I	12 <sup>th</sup> with well-versed in English	25	13,000/-*	FFDC, Kannauj
4.	Agarbatti, Dhoopbatti, Havansamagri & Perfumery	10 <sup>th</sup> with well-versed in English/Hindi	25	11,500/-*	FFDC, Kannauj
5.	Training cum workshop on Essential oil, Perfumery and Aromatherapy	12 <sup>th</sup> with well-versed in English	40	14,000/-**	Mumbai
6.	Production of Fragrant raw materials and its value addition	12 <sup>th</sup> with well-versed in English	25	13,000/-*	FFDC, Kannauj
7.	Summer training for under graduate students on Essential oil, fragrance & flavour	10+2 with well-versed in English/Hindi	25	23,000/-*	FFDC, Kannauj
8.	Training cum workshop on Essential oil, Perfumery and Aromatherapy (Residential)	12 <sup>th</sup> with well-versed in English	40	23,000/-*	FRI, Dehradun
9.	Fragrance & Flavour creation and its application – Level-II	Certification of F&F Level-I/EPA/Comprehensive or Equivalent (RPL-F & F level-I)	25	15,000/-*	FFDC, Kannauj
10.	Training cum workshop on Essential oil, Perfumery and Aromatherapy	12 <sup>th</sup> with well-versed in English	40	14,000/-**	Bangalore
11.	Kisan Gosthi	Below 10 <sup>th</sup>	100	25/-***	FFDC, Kannauj
12.	Agarbatti, Dhoopbatti, Havansamagri & Perfumery	10 <sup>th</sup> with well-versed in English/Hindi	25	11,500/-*	FFDC, Kannauj
13.	Quality assessment of Essential oils/aroma chemicals using modern instrumental techniques	12 <sup>th</sup> with well-versed in English	25	13,000/-*	FFDC, Kannauj
14.	Training cum workshop on Essential oil, Perfumery and Aromatherapy	12 <sup>th</sup> with well-versed in English	40	14,000/-**	Delhi
15.	Fragrance & Flavour creation and its application – Level-I	12 <sup>th</sup> with well-versed in English	25	13,000/-*	FFDC, Kannauj
16.	Entrepreneurship Day cum awareness programme on essential oil fragrance & flavor/ Kisan Gosthi	10 <sup>th</sup> with well-versed in English/Hindi	55	25/-***	FFDC, Kannauj
17.	Comprehensive training programme covering all aspects of essential oil, fragrance & flavour industry.	12 <sup>th</sup> with well-versed in English	25	29,000/-*	FFDC, Kannauj

## Fragrance & Flavour Development Centre Kannauj

### Courses Offered

S. N.	Title	Minimum Qualification	Intake	Fee (Rs.)	Venue/Coordinator or Contact No. (Name)
18.	Fragrance & Flavour creation and its application – Level-II	Certification of F&F Level-I/EPA/Comprehensive or Equivalent (RPL-F & F level-I)	25	15,000/-*	FFDC, Kannauj
19.	Production of Fragrant raw materials and its value addition	12 <sup>th</sup> with well-versed in English	25	13,000/-*	FFDC, Kannauj
20.	Commercial cultivation of aromatic crops, its processing and marketing	10 <sup>th</sup> with well-versed in English/Hindi	25	11,500/-*	FFDC, Kannauj
21.	Agarbatti, Dhoopbatti, Havansamagri & Perfumery	10 <sup>th</sup> with well-versed in English/Hindi	25	11,500/-*	FFDC, Kannauj
22.	Fragrance creation and its application – Level-III	Certification of F&F Level-II or Equivalent (RPL-F & F Level II)	25	20,000/-*	FFDC, Kannauj
23.	Fragrance Day cum awareness programme	10 <sup>th</sup> with well-versed in English/Hindi	55	25/-***	FFDC, Kannauj

### Contact

**Contact Person:** Shri. Shakti Vinay Shukla, Director  
**Address:** GT Road, Industrial Estate, Makrandnagar, Kannauj, Uttar Pradesh 209726  
**Website:** [www.ffdcindia.org](http://www.ffdcindia.org)  
**Email:** [shaktiffdc@gmail.com](mailto:shaktiffdc@gmail.com) , [ffdcknj@gmail.com](mailto:ffdcknj@gmail.com)  
**Phone:** +91-9415334050

## Central Footwear Training Institute (CFTI) Agra



Central Footwear Training Institute, Agra came into existence in 1963, in the name of Central Footwear Training Centre (CFTC). It was modernized with the assistance of the National Leather Development Programme of UNDP during early 1990s and got equipped with state of art infrastructure. The departmentally run CFTC was Converted into a Govt. of India Society on 1<sup>st</sup>. Jan. 1996 and got renamed as Central Footwear Training Institute (CFTI). The core object of the institute is to develop Human Resource for Footwear & Allied Industries through various Long term, Short-term & tailor-made Training Programmes and activities. Besides, it promotes the footwear sector through introducing Modern Technology in Footwear Designing & Manufacturing and Promotion of Technology Up gradation. It also extends consultancy & support services to the Footwear Industry in enhancing global competitiveness.

### Services Offered

- ❖ **Facilities:** The Institute is located at Agra, the footwear hub of the country. It is equipped with the state of art machinery, equipment and other facilities for conducting training programmes, providing job work, consultancy services, library and a hostel with a capacity of 80 occupants having provision both for boys and girls.
- ❖ **Training programs:** The flagship of training programs is Two-year Diploma in Footwear Manufacture and Design which is an approved course of International Textile Institute, UK and the entire activities pertaining to this course is moderated by Leicester College of Footwear, UK. Besides, a PG Diploma course, two advanced certificate courses, and two certificate courses are being conducted by the institute. All courses are practical oriented having 60 to 90 % of the curriculum for practicals. The trainees are well accepted in the industry and many of the alumni have established their own enterprises.
- ❖ **ORPs:** The Institute conducts various outreach training programmes which are LSSC approved NSQF compliant courses. Both placement oriented as well as skill upgradation training programs are being conducted in different footwear clusters across the country. The institute also conducts different Skill development/upgradation training programs under various promotional schemes of both Central and State Governments like, NSSH, ATI, SCORE and SYB of Ministry of MSME, IFLADP of DPIIT, ODOP, VSSY, & UPSDM of Govt. of UP, BSDM of Govt. of Bihar, Capacity Building of artisans of KVIC, MPCST, DIs, LIDCOM and MCED of Govt. of Maharashtra. Footwear artisans and their family members belonging to SC community with a good number of women candidates took part in such programs and got benefited.
- ❖ **Common Facility Services :** The Institute with its state-of-art machineries, equipment and expertise provides common facility services to the local shoe & allied industry in the areas of Shoe CAD/Grading, different operations of Shoe making, PU sole making. Recently a Design studio with latest CAD/CAM system has been added to provide complete Design solution to the footwear industry and customized shoe making.
- ❖ **Consultancy:** The Institute through its qualified & experienced faculty members renders Techno-Managerial consultancy services for selection material, machinery, Quality Control & Testing of footwear and its materials.

## Central Footwear Training Institute (CFTI) Agra

### Infrastructure Facilities

S. N.	Name of the Machine	Make	Job work charges
1	Shoe CAD Grading	Procam's software	Rs. 350/- for 30 components + Rs 6/- for additional
2	PU pouring Machine	Gusberti, Italy	Rs 10/- to Rs 16/-
3	Travel Head clicking	Atom, Italy	Rs.1/- per pc.
4	Clicking	Atom, Italy	Rs 0.50 per pc
5	Splitting	Comega, Italy	Rs 0.50 per pc
6.	Heel Nailing	Globe, Italy	Rs.2/- per pair
7	Counter Molding	Globe, Italy	Rs 2/- per pair
8	Toe Lasting	Serim/MB Italy	Rs 4/- per pair

### Courses Offered

S. N.	Course Title	Durati on	Qualificati on	NSQF Level	No of seats	Fees	When starts
1	Diploma in Footwear Manufacture & Design (Accredited to Textile Institute, UK)	2 yeras	12th Pass	6	60	1,64,000	Sept.
2	PG Diploma in Footwear Technology	1.5 years	Degree in any disciplene	6	30	1,53,000	Sept./ Jan
3	Advance Certificate in Footwear Designing and Product Development	1 year	12th Pass	5	20	1,30,000	Sept
4	Advance Certificate in Footwear Manufacturing Technology	1 year	10th Pass	5	60	60,000	Sept/ Jan
5	Certificate in Footwear Designing and Production	6 mths	10th Pass	4	30	46,000	Sept/ Jan

### Contact

**Contact Person:** Mr. Sanatan Sahoo, Director  
**Address:** C-41 & 42 Industrial Area, Site-C, Sikandara, Agra -282007  
**Website:** [www.cftiagra.in](http://www.cftiagra.in)  
**Email:** [sanatansahoo27@gmail.com](mailto:sanatansahoo27@gmail.com), [info@cftiagra.org.in](mailto:info@cftiagra.org.in)  
**Phone:** 0562-2642005, +91- 8958996611

## Extension Centre of FFDC Kannauj at Kanpur



Extension center at Kanpur, Uttar Pradesh caters to skill development needs for the youth and industry workers. This extension center is established at Industrial Estate, Fazalganj, Kanpur under the administrative control of Fragrance & Flavour Development Centre (FFDC), Kannauj

### Services Offered

- ❖ Organizing of training/awareness programme.
- ❖ Marketing & sale of FFDC services & products.
- ❖ Consultancy services.
- ❖ Sample collection for analytical services

### Courses Offered

S. N.	Name of training programs	Duration	Fees including Tax	NSQF level	When the program starts
1	Agarbatti, Dhoopbatti, Hawansamgri & Perfumery	03 Days	11500/-	–	
2	Commercial cultivation of aromatic crops, its processing and marketing	05 Days	11500/-	–	
3	Awareness Programme/ Kishan Goshthi	01 Day	25/-	–	
4	Project Training	–	–	–	

### Contact

**Contact Person:** Dr. B.V. Shukla, Asstt. Director (Q.C)  
**Address:** FFDC Extension Centre, 107-A, Industrial Estate, Fazalganj, Kanpur-208012 (U.P.)  
**Website:** <http://www.ffdcindia.org/>  
**Email:** [shuklabv@gmail.com](mailto:shuklabv@gmail.com)  
**Phone:** +91 9415733696

## MSME Technology Centre, Greater Noida



An ESDM focused MSME Technology Centre, Greater Noida is being set up (Currently TC is in advance stage of construction) by the Ministry of MSME under the World Bank funded Technology Center System Programme (TCSP) in Greater Noida, Uttar Pradesh, to cater the technological and training needs of the ESDM clusters. The technology center proposes to provide support from the point of concept creation to development of prototype and low volume production and is expected to provide an impetus to the ESDM sector in the region.

Apart from this, the TC will also provide improved access to technology, ESDM sector testing and Calibration, Training & skill up-gradation and consultancy support to the MSME's. MSME Technology Centre, Greater Noida which is under advance stage of construction, consists of separate Training, Production (Including ESDM Testing & Calibration facility) and Girls Hostel Facility. Centre will be equipped with State of Art Laboratories like Industrial Automation (PCB/ PLC/ DCS/ SCADA/ Robotics etc), Embedded system lab, Advance Industrial Electronics and Electrical system lab, Industry 4.0 and IoT lab etc, which will be completely equipped with advanced Machines and Software's.

### Vision

- ❖ Sustainable development of globally competitive micro, small and medium enterprises as an engine of growth for the Countries economy and Preferred destination for Technology Skilling.

### Mission

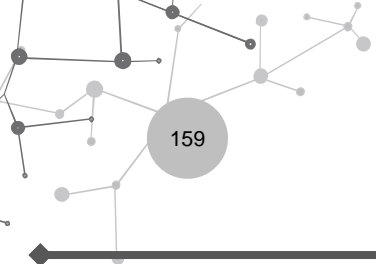
- ❖ Promote growth and development of micro, small and medium enterprises for creation of new enterprises and more employment opportunities.

### Objective

- ❖ Produce highly skilled technical workforce, with greater career prospects in the ESDM Sector.
- ❖ ESDM focused Production, Testing and Calibration support to MSMEs and OEM's in the catchment area and beyond.
- ❖ Consultancy in the field of Design support, Engineering solutions, Project consultancy, Low-cost automation support and productivity improvement.

### Services Offered

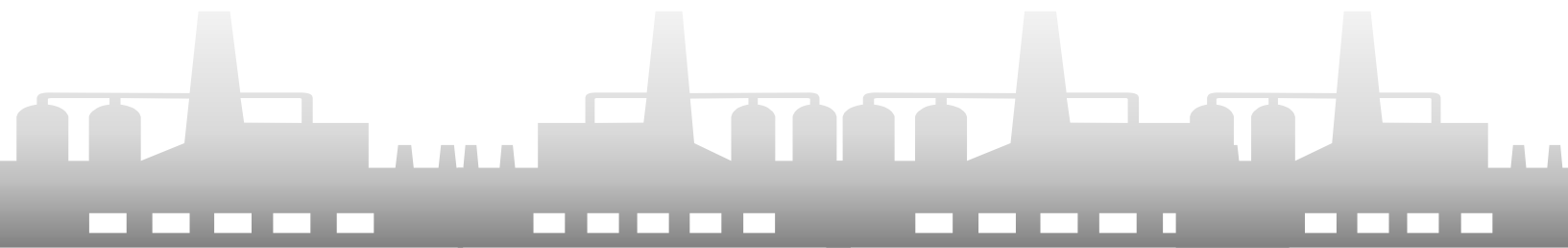
- ❖ **Testing & Calibration** of Electrical and Electronics Equipment's as per National and International Standard.
- ❖ **Design & Manufacturing** of Electronic components including PCB manufacturing. Development of prototype and low volume production.
- ❖ **Training** and Up-gradation of Technical Skills by Conducting Long Term, Medium Term & Short-Term Training Program's in various fields such as ESDM Sector, IT sector, Industry 4.0 & IoT etc.
- ❖ **Technical Consultancy** in various aspects including certification consultancy Services for BIS/ BEE/ UL/ VDE & CE certification



## MSME Technology Centre, Greater Noida

### Contact

**Contact Person:** Surendra Kumar Porwal  
**Address:** Industrial Plot No. 3, Eco-Tech- VIII Greater Noida Industrial Development Area, Greater Noida, Uttar Pradesh - 201306  
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**Phone:** +91-8511193477



## Extension Center of IDTR Jamshedpur at Varanasi



MSME Samsung Technical School Varanasi is an extension centre of Indo Danish Tool Room Jamshedpur. It was established in the year of 2014 as a joint collaboration between Ministry of Micro, Small & Medium Enterprises (MSME) and Samsung India. The students are provided with the opportunity to learn on repair, troubleshooting and installation of the latest Hand Held Products (HHP), Audio Visual (AV) and Room Air Conditioning & Home Appliance (RACHA) products. Post training, the students receive a month long, 'on-the-job training' at Samsung Service Centers. Indo Danish Tool Room has set up additional facilities in the premises for training on latest Mechanical Software, CNC Programming & Operation.

### Infrastructure Facilities

S. N.	Name of Machine/Equipment - Make
1	Samsung ARISE 2 Class room – 300 sqft
2	Samsung ARISE 2 lab – 2000 Sq ft
3	All repair kits for HHP, RACHA, AV. All accessories & latest technology products related to HHP, RACHA, AV training.
4	CNC Milling – S & T
5	CNC Milling - Hytech

For details on the all machines and facilities kindly visit our website [www.idtr.gov.in](http://www.idtr.gov.in)

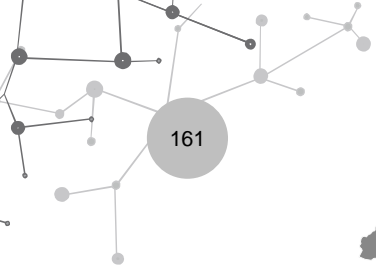
### Courses Offered

S. N.	Name of training programs	Duration	Fees including Tax	NSQF level
1	CNC Milling	780Hr.	33000/-	NSQF Level 5
2	AutoCAD	96Hr	7080/-	NSQF Exempted
3	CATIA	96 Hr	9440/-	NSQF Exempted
4	Solid works	96Hr	7080/-	NSQF Exempted
5	Master CAM	1 Month	8600/-	NSQF Exempted
6	RACHA	4 Month	20000/-	NSQF Level 5
7	Hand Held Products	3 Month	15000/-	(NSQF Level 5)
8	Audio Video	3 Month	15000/-	(NSQF Level 5)
9	AC Installation (IIDM)	2 Weeks	3560/-	-
10	Basic Computer	1 Month	590/-	-

### Contact

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**Website:** <https://www.idtr.gov.in/>  
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# West Bengal



## Central Tool Room & Training Centre (CTTC) Kolkata



Central Tool Room & Training Centre (CTTC) Kolkata was established in the year 1978 under the Technical Co-operation Programme between Government of India and Government of Denmark. In order to provide greater autonomy, the Centre was established as a Govt. of India Society. The Management of affairs of the Centre rests with the Governing Council constituted by Govt. of India. Additional Secretary & Development Commissioner (MSME), Ministry of Micro, Small & Medium Enterprises, Govt of India is the President of the Society and Chairman of its Governing Council.

### Objective

- ❖ Training of Tool – Makers for press tools, jigs, fixtures, dies and moulds;
- ❖ Short-term courses primarily for representatives of small industries;
- ❖ Manufacture of small and medium sized tools, such as press tools, jigs and fixtures, dies and moulds for plastics and metal castings and special purpose tools primarily for small scale units;
- ❖ Common service facilities for the manufacture of tools, jigs, fixtures, dies, moulds and precision components preferably for small scale units providing advisory/consultancy service and design assistance.
- ❖ Recommending measures to standardise processes and components for tools, jigs, fixtures, dies, moulds, etc;
- ❖ Provide Project Management Services for setting up Tool Rooms/Mini Tool Rooms & Training Centre/CAD-CAM Training Centres.

### Services Offered

- ❖ Tool Production
- ❖ Tool Design
- ❖ Training
- ❖ Consultancy

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### Infrastructure Facilities

S. n.	Name of the Machine	Size/ accuracy	Rates per hour
1	CNC Milling Machine – HAAS VF-9	Travel: X-2000mm ,Y-1000mm, Z-762mm Load Table: 16000 Kg. Accuracy +- 0.02 mm	Rs. 170/-
2	Deckel Maho 5-Axis Universal Machining Centre	Travel: 600mm X 700mm X 550mm Load on Table: 600 Kg.	Rs. 800/-
3	Precision Surface Grinding Machine	Travel: X-1000mm ,Y-500mm, Z-350mm Load Table: 300 Kg. Accuracy +- 0.015 mm	Rs. 225/-
4	CNC Milling Machine – BMV-70	Travel: X-1500mm ,Y-800mm, Z-800mm Load Table: 2000 Kg. Accuracy +- 0.015 mm	Rs. 170/-
5	CNC Milling Machine – BMV-60	Travel: X-1000mm ,Y-600mm, Z-600mm Load Table: 1200 Kg. Accuracy +- 0.015 mm	Rs. 170/-
6	CNC Milling Machine – BMV-45	Travel: X-600mm ,Y-450mm, Z-500mm Load Table: 500 Kg. Accuracy +- 0.015 mm	Rs. 170/-
7	Precision Cylindrical Grinding Machine	Grinding Diameter: 400 mm Grinding Length: 650 mm Table Load: 130 Kg. Accuracy +- 0.005 mm	Rs. 450/-
8	CNC Turning Machine	Turning Diameter: 400 mm Turning Length: 650 mm Table Load: 150 Kg. Accuracy +- 0.015 mm	Rs. 450/-
9	CNC Wire Cut Machine	Travel: X-300mm ,Y-200mm, Z-224mm Load Table: 300 Kg. Accuracy +- 0.01 mm	Rs. 640/-
10	CNC Co-ordinate Measuring Machine	Travel: X-1000mm ,Y-800mm, Z-600mm Load Table: 500 Kg. Accuracy +- 0.005 mm	Rs. 450/-
11	CNC EDM Machine	Travel: X-250mm ,Y-160mm, Z-250mm Load Table: 200 Kg. Accuracy +- 0.01 mm	Rs. 580/-

❖ Apart from these machines, the EC is equipped with the state-of-the-art technical software such as Solidworks, Catia, AutoCAD, Unigraphics etc

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### Courses Offered

S. N.	Name of MAIN training programs	Duration	Fees including Tax	NSQF level	When the program starts
1	Diploma in Tool and Die Making	4 Years	36000/- per year	AICTE approved	August
2	Diploma in Mechatronics	3 Years	38000/- per year	AICTE approved	August
3	Certificate Course in Machine Operation	1 Year	48000/-	Level 3	Twice in a year
4	Certificate Course in CNC Turning and Milling	1 Year	52000/-	Level 4	Twice in a year
5	Advance Certificate Course in Welding Technology	1 Year	52000/-	Level 5	Twice in a year
6	Diploma in Tool Engineering	3 Years	1,25000/-	Level 5	Once in a year
7	Certificate Course in Machinist Tool Room	2 Years	91000/-	Level 5	Once in a year
8	Advance Certificate Course in Tool Design and CAD/CAM	1 Year	57000/-	Level 5	Once in a year
9	Advance Certificate Course in Tool and Die Manufacturing	1 Year	57000/-	Level 5	Once in a year
10	Post Diploma in Tool and Die Manufacturing	1 Year	61500/-	Level 6	Once in a year
11	Master Certificate Course in Tool Design	6 Months	44500/-	Level 6	Once in a year
12	Certificate Course in Machining	6 Months	40000/-	Level 5	Once in a year
13	Post Diploma in Tool Design and CAD/CAM	1 Year	61500/-	Level 6	Once in a year
14	Post Diploma in CAD/CAM	1 Year	61500/-	Level 6	Once in a year
15	Master Certificate Course in CAD/CAM	6 Months	45000/-	Level 6	Twice in a year
16	Advance Diploma in Structural Design and Analysis	6 Months	44500/-	Level 6	Twice in a year
17	Certificate Course in Advance Machining	18 Months	74000/-	Level 5	Once in a year
18	Advance Diploma in CNC Programming Techniques and Practices	1 Year	61500/-	Level 6	Once in a year
19	Advance Certificate Course in CNC Machining	1 Year	57000/-	Level 5	Twice in a year
20	Master Certificate Course in CNC Technology	6 Months	44500/-	Level 6	Once in a year
21	Certificate Course in CNC Milling	6 Months	33000/-	Level 4	Twice in a year

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### Courses Offered

S. N.	Name of main training programs	Duration	Fees including Tax	NSQF level	When the program starts
22	Certificate Course in CNC Turning	6 Months	33000/-	Level 4	Twice in a year
23	Post Diploma in Mechatronics	1 Year	61500/-	Level 6	Once in a year
24	Advance Certificate Course in Machine Maintenance	1 Year	57000/-	Level 5	Once in a year
25	Post Diploma in Industrial Automation and Robotics	1 Year	61500/-	Level 6	Twice in a year
26	Advanced Embedded Technology	6 Months	44500/-	Level 6	Twice in a year
27	Master Certificate Course in Mechatronics	6 Months	44500/-	Level 6	Twice in a year
28	Advance Diploma in Machine Maintenance and Automation	6 Months	43000/-	Level 6	Twice in a year
29	Master Certificate Course in Automation and Process Control	6 Months	44500/-	Level 7	Twice in a year
30	Advance Diploma in Computer Hardware and Network Management	6 Months	44500/-	Level 6	Twice in a year
31	CISCO Certified Network Associate	4 Months	25000/-	Level 6	Twice in a year
32	Certificate Course in Audio Video	3 Months	15000/-	Level 5	Thrice in a year
33	Certificate Course in Handheld Product	3 Months	15000/-	Level 5	Thrice in a year
34	Certificate Course in Room Air Conditioner and Home Appliances	4 Months	20000/-	Level 5	Thrice in a year
35	Compressed Machinist	1 year	32000/-	S.T.V.T Approved	Once in a year

### Contact

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