

PROSPECTUS

EMPLOYMENT ORIENTED TRAINING PROGRAMS MEDIUM & SHORT TERM COURSES



MSME - TOOL ROOM AHMEDABAD INDO GERMAN TOOL ROOM



(Ministry of MSME, Govt. Of India)

(AN ISO 9001 : 2008 CERTIFIED INSTITUTE)

www.igtrahd.com



सूक्ष्म लघु एवं मध्यम उद्यम

MICRO SMALL & MEDIUM ENTERPRISE

MSME - TOOL ROOM AHMEDABAD



FROM THE DESK OF GENERAL MANAGER



VINESH SWADIA

General Manager

Indo German tool room Ahmedabad popularly known as IGTR needs no introduction to Indian industries in general. In last 17 years, institute has become known source for quality tooling development for new projects and alternative to import tooling. The tool room is under one roof source for Concept to tooling up for new products. It has most modern resources to do so. Our resources are constantly upgraded to meet changing technology.

Similarly when it comes to requirement of trained manpower, industries across the country look to IGTR Ahmedabad. The rock solid reputation was built steadily and progressively over years following Total Quality Management principles. Our faculties follow relentlessly, the mission of IGTR to provide manpower that is cultured and productive from day One. Our

trainees spend more time on shop floors and are provided industrial environment during their training so that they are accustomed to work with their own hands and are familiar to time bound and result oriented work culture.

Trainees are prepared for soft skills and are given practical lessons in behavioral aspects so that they know values of team working and inter personal relations. Finally the trainees have Gujarat genes in their blood which has tradition of peaceful relation and compromising Attitude. All these have given IGTR Ahmedabad trainees a leading edge over others and placement always short of demand.

We at IGTR are a committed team to provide Cultured, enthusiastic and competent manpower to Indian industry for mutual benefit of the industries, the trainee and the institute.

Let's all grow with the nation.



B SRINIVAS RAO

Manager Training (Corporate Planning)



V. SELVARAJ

Manager Training (Execution - Evaluation)



M. P. SUTARIYA

Head of Long Term Training

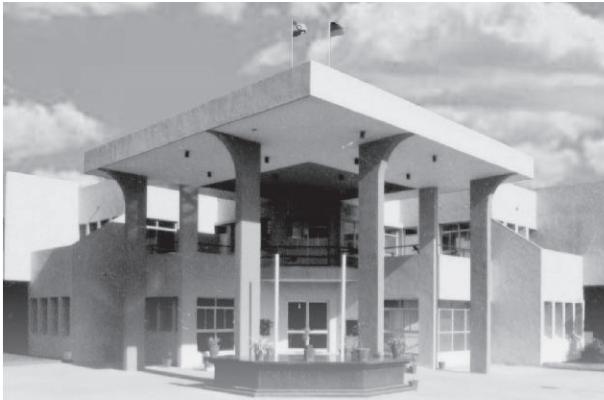


" Technology for Better tomorrow "



CERTIFICATE COURSE IN TOOL TECHNOLOGY

Abridged course in tool and die making for wards of entrepreneurs. Admission open on first come first serve basis. Register your admission with DD of Rs. 5000/- contact course counsellor or mail at admission@igtrahd.com



The **Training Centre** of Indo-German Tool Room, Ahmedabad is committed to develop human resources to cater to the needs of metal, plastic and service industries in the area of Tool Technology and CAD/CAM/CAE.

The knowledge, skills and abilities of the trainees will be developed by adopting dual training system of Germany i.e "**Learning by doing & Doing while learning**" by maintaining desired quality standards of training system, bench marked with international standards to ensure "**day-one productive**" in today's competitive human performance system.

The training centre will ensure overall development of trainees including soft skills by adopting various training methodologies.

The training centre will initiate activities to spread its wings in the area of Tool Technology and CAD/CAM/CAE, right up to the grass root level and will head towards revolution from conventional to latest cutting edge technologies from its Centre of Excellence.

The training centre will ensure continuous up gradation and capacity building of its trainer to nourish the ethical, spiritual and professional development of human resources.

MISSION



GENERAL INFORMATION

OBJECTIVES :

The Medium Term Courses (MTC) and Short Term Courses (STC) have been designed to the needs of industries in upgrading the knowledge and skill. After completion of the course the participants will be able to perform work more effectively. The course will impart hands on experience to the participants to enhance abilities. Participants will be given opportunity to use training facilities.

ENROLLMENT :

Enrollment in MTC / STC is based on registration. Please contact Course Counselor at IGTR or its Sub-Centers. Admission is subject to payment of registration fees (non - refundable) IGTR reserves right to apply screening methods for admission or alter admission eligibilities.

TIME :

Please check for course timings at the time of admission. You may be required to work in shifts.

COURSE FEES :

Admission is subject to payment of fees before commencement of course. As per directive of Ministry of MSME, Candidates of SC/ST category are exempted from payment of tuition fees, Subject to production of Certificate.

HOSTEL :

Limited facilities are available for boys and girls. Campus is self contained in all amenities.

CERTIFICATE (for STC / MTC courses) :

For successful candidate who fulfills all criteria, certificate of successful completion is awarded. Others are awarded certificate of participation. Eligibility norms are decided as general guidelines. A participant willing to take up any course, shall him/herself satisfy that he/she will be able to grasp the contents of the course for further professional application. A participation Certificate can be denied.





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SYNTHETIC
CONCENTRATES



1. PROFILE - Indo German Tool Room, Ahmedabad

Indo German Tool Room has been set up in Ahmedabad by the co operation of Office of the Development Commissioner –MSME, Ministry of Micro, small & medium enterprise, Government of India, Government of Federal Republic of Germany and contribution of State Government of Gujarat in terms of Land and Building.

The Tool Room is operating as Government of India society and its management rests with Governing Council chaired by AS & DC MSME.

The objectives of the society are

To assist the small and medium enterprises particularly those in metal and plastics in the field of

- Design and development of quality tools, Dies & molds, jigs and fixtures, Gauges, SPM, precision machining and Inspection.
- Consultancy in modern manufacturing .
- Provide trained manpower in tool and die making, CNC technology and CAD - CAM-CAE.

The objectives of the Tool Room are:

To serve micro small & medium enterprise, particularly metal & plastic groups in the field of :

- Training in Tool & Die Technology, CAD/CAM/CAE Solutions
- Design, Development and Manufacturing of quality Press Tools, Moulds, Dies, Jigs & Fixtures, Gauges, SPM, Precision Inspection and Reverse Engineering on CMM, Job Work etc.
- Consultancy for Product Development, Productivity and Quality improvement

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2. LOCATION

The Tool Room is located along the Mehmedabad Road in GIDC, Vatva. The campus covers an area of 63,000 sq.m. & is located within the Industrial Area. The Ahmedabad Airport is 20 km away from the campus. Ahmedabad Railway Station is 10 km and Maninagar Railway Station is 4 km away. The campus is connected to the city by municipal bus services. Ahmedabad is well connected by road, rail and air with the rest of the country.

3.GENERAL AMENITIES

The campus is located in the Vatva Industrial area and is connected by road with the residential neighborhood of Maninagar. The IGTR campus has self-contained facilities such as furnished guesthouse, air-conditioned auditorium, furnished hostel for girls & boys and a canteen with moderate facilities, internet, recreation & indoor-outdoor sports. The self-contained campus has residential quarters for the Managers, Engineers and Technicians of the Tool Room.

A library and information resource centre with technical books and periodicals etc, is available for the use of Trainees and Tool Room personnel.

Hostel: Limited hostel facilities for both boys & girls trainees are available. Candidates willing to avail the facility have to indicate their request in the application form.

All trainees staying in the hostel will be governed by separate set of Hostel Rules and Canteen / Mess Rules applicable from time to time.



4. OBJECTIVES OF TRAINING

Objectives are to Conduct Socially relevant employment potential improving training programs

- Long-term training program in Tool engineering and Tool Room machinist.
- Short term training for Managers / Supervisors to upgrade their knowledge and skills.
- Need based technical training for Skilled workers / Tool makers/ Machinist etc.
- Training for Inspection, Quality Control, Testing and Maintenance.
- Training in CNC Technology & CAD/CAM/CAE, Rapid Prototyping and Reverse Engineering area.
- Training in Heat Treatment, Hydraulics, Pneumatics, EDM etc.
- Focus on employment oriented training for socially disadvantaged section of the society

5. THE TRAINING COURSES

5.1. Short Term Courses :

IGTR at Vatva and other sub centers conducts short term courses (Less than 3 month) in many modules like AutoCAD, Unigraphics, Pro-E, CATIA, Ansys, Nastran and many more. For more information please contact Admission counselor at admission@igtrahd.com

5.2. Medium Term Courses:

- Post Graduate Diploma in Tool design and CAD-CAM (PGT DCC)
- Post Diploma in Tool design & CAD-CAM (PDT DCC)
- Post Diploma in CAD-CAM (PDCC)
- Master of CAM and CNC Technology (MCCT)
- Certificate course in CNC Machinist (CCM)
- Certificate course in Tool Technology (CCTT)
- Post Diploma in CNC Machine Maintenance (PDCMM)
- Post Graduate Certificate in Inspection & Quality Control (PGCIQC)
- Post Graduate Certificate in Information Technology (PG CIT)
- Post Graduate in Computer Aided Engineering (PGCAE)
- Post Graduate in Small Enterprise Management (PGSEM)
- Certificate in Metallurgy and Heat Treatment (CM&HT)
- Certificate course in Foundry Technology (CCFT)
- Post Diploma in Tool Manufacture (PDTM)
- Certificate in Tool Design - Drawing (CTDD)
- Certificate in CMM Operator (CMMO)
- Certificate in Conventional CNC Machinist –with foundation (CCCM-F)

5.3. Short Term Courses:

- Pro-E Modeling & Drafting
- Unigraphics - Modeling & Drafting
- Unigraphics - Machining
- Master cam - Modeling & Drafting
- Master cam - Machining
- Programming & Operation of CNC Wire EDM
- CNC Programming in Fanuc & Heidenhain Controls
- Hypermesh (Meshing, Post Processing, Viewing, Radioss)
- Auto Cad
- Programming & Operation of CNC Milling with Fanuc & Siemens Controls
- Programming & Operation of CNC Turning with Fanuc & Siemens Controls
- Catia
- MTS
- Ansys
- Hyperworks (Hypermesh, Radioss, Hyperform)

5.4. Vocational Courses:

- Certificate in Fitter
- Certificate in Turner
- Certificate in Miller
- Certificate in Plastic Processing





6. FACILITIES

- Our training programs are designed around European dual system of training
- All programs are blend of theory, lab and workshop practice
- Training is conducted in real time industrial environment
- Class room sessions are conducted using audio visual aids
- Trainees get exposure to work on state of the art international machines and software
- Trainees can use both book and e-media library facilities
- Hostel facilities are available Hostels are equipped with mess facilities for meal and breakfast, news papers and television, indoor and outdoor sports and recreation.
- Trainees are encouraged to work extra time in labs or work shop after prior permission.
- At the end of training, successful candidates will be able to get benefit of placement by campus interview

By personal visits - **Ms. J L Mehta** admission counselor & Librarian IGTR vatva, Ahmedabad

By personal visit – **Mr. Ashok Rathod** IGTR ITI CAD CAM CENTER ITI campus, Aji industrial area, Rajkot.

MSME-DI IGTR SUB CENTER Harisiddha chamber Nr. Income tax
Ashram road, Ahmedabad

- The candidate is required to fill in admission form giving details and pay a sum of INR 5000/ or Rs. 1000 as the case may be towards registration charge which is transferrable but non refundable,
- The candidate will be informed on his contact address of start of the course by a call letter
- The admissions are on first come first served basis
- IGTR reserves the right to apply screening methods or alter eligibility criteria
- A participant willing to join any course shall satisfy himself that he/she will be able to grasp the contents of the course for further professional application.
- Placement services are provided as assistance and cannot be claimed in any other way as selection of a candidate depends other factors besides his performance in interview.
- Admission is further subject to payment of fees in time

7. HOW TO APPLY

The candidate desiring admission or more information on any course may contact us / course counselor by any of the following means

On **web igtrahd.com**

By mail for specific enquiry on **admission@igtrahd.com** or **training@igtrahd.com**

Over cell phone **Mr. Srinivas Rao - 090 990 41 982**

Mr. V. Selvaraj - 090 990 41 984

Mr. M.P. Sutaria - 090 990 41 987

Ms. Neelam Parmar - 090 990 41 993

Over land line phone **Vatva - 079 25840964 - extn 238**

Rajkot - 0281-2387287

Ashram Road - 079-27542032

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MEDIUM TERM COURSES

POST GRADUATE DIPLOMA IN TOOL DESIGN & CAD/CAM.(PGTDCC)

Duration : 1 ½ Years (FULL TIME with 6 months internship in industry at the General Managers discretion.)

Intake : 50 **Frequency :** 1 **HRS/ DAY :** 6

Eligibility : Degree in Mechanical / Automobile / Plastic Engg / Production Engineering

Venue : INDO GERMAN TOOL ROOM- TRAINING CENTRE, VATVA, AHMEDABAD.

COURSE CONTENTS :

- Jigs & fixtures guages
- Autocad
- Catia (cad)
- Master cam (modeling)
- Ansys (Structural & Thermal)
- Designs of Press tools
- CNC programming & Mch
- Solid Edge
- Material specification & Heat treatment
- Concept of reverse engineering
- Plastic moulds
- (lathe & milling),
- Pro - E
- Application of Hydraulics & Pneumatics
- Internship in Production centre
- Die casting dies
- Unigraphics (CAD & CAM)
- Radioss
- in tool design
- live project
- (Hyperworks)
- Tool Estimation & Costing

Starting Date : August every year

Course Objective: After completion of this course the participants will be able to develop various skills in handling Tool Design & Manufacturing projects in the area of CAD/CAM/CAE **For Whom :** This course is meant for those people who aspire their career development in Tool Design or Design using CAD.

POST DIPLOMA IN TOOL DESIGN & CAD/CAM. (PDTDCC)

Duration : 1 Year (FULL TIME) **Intake :** 50 **Frequency :** 1 **HRS / DAY :** 6

Eligibility : Degree or Diploma in Mechanical / Automobile/ Plastic Engg / production Engineering / Tool & Die Making

Venue : INDO GERMAN TOOL ROOM- TRAINING CENTRE, VATVA, AHMEDABAD.

COURSE CONTENTS :

- Design Of Jigs
- Auto CAD
- Material Specification &
- Fixture & Gauges
- Master CAM (CAD/CAM)
- Heat Treatment Tool Estimation
- Design of Press Tools
- Unigraphics (CAD/CAM)
- & Costing solid edge
- Design of Plastic Injection Moulds
- CNC Programming &
- Pro- E (CAD)
- Design of Die casting press
- Machining (Lathe & Milling)

Course Objective : At the end of this course participants will acquire skills in Tool Design & CAD/CAM area

For Whom : This course is designed for those who want their career development in Tool Design & CAD/CAM field

Starting Date: August every year





POST DIPLOMA IN CAD/CAM (PDCC)

Duration : 1 Year (FULL TIME)	Intake : 50	Frequency : 1	HRS / DAY : 6
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Eligibility : Degree or Diploma in Mechanical / Production / Plastics Engg / Tool & Die Making **Venue :** Indo German Tool Room - Vatva & Rajkot.

COURSE CONTENTS :

- Auto CAD
- Mechanical Desktop
- Master CAM (CAD/CAM)
- Pro-E (CAD)
- Solid Edge
- Unigraphics (CAD)
- Unigraphics (Machining)
- Advanced CNC Technology
- CATIA
- CNC Programming & Machining
- Concept & Application of Reverse Engineering
- Live Project

Starting Date : August every year **Course Objective :** After completion of this course the participants will acquire the ability to perform & manage the area of CAD/CAM. The course will impart hands on experience to enhance existing abilities **For Whom :** This course is meant for those people who aspire their career development in CAD/CAM

MASTER OF CAM & CNC TECHNOLOGY. (MCCT)

Duration : 6 Months (FULL TIME)	Intake : 25	Frequency : 6	HRS / DAY : 6
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Eligibility : Diploma in Mech / Automobile / Plastic Engg / Tool & Die making / I.T.I. with 2 years experience

Venue : INDO GERMAN TOOL ROOM- TRAINING CENTRE, VATVA, AHMEDABAD.

COURSE CONTENTS :

- Auto CAD
- Cutting Tool Technology
- CNC Programming & Machining
- CNC Lathe
- CNC Milling
- Master CAM Modeling
- Master CAM Machining
- Mathematical Technical Software (MTS)
- Simulation Software practice on Console
- DNC Operations

Starting Date : Every alternate month starting from May **Course Objective :** In this course of learning by doing, the participants will be able to perform and operate high-tech CNC machines utilizing high-tech software

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CERTIFICATE COURSE IN CNC MACHINIST (CNC M/C OPERATOR) (CCM)

Duration : 4 Months (FULL TIME) **Intake :** 25 **Frequency :** 6 **HRS / DAY :** 6

Eligibility : I.TI Turner / Machinist or M/c / Operator (lathe / Milling) with 3-4 years experience **Venue :** Indo German Tool Room- Trg Centre, Vatva & Rajkot.

COURSE CONTENTS :

- Programming & Operating of :
 - CNC LATHE
 - CNC MILLING
 - DNC OPERATIONS
- Introduction to CNC Technology
- Basic Geometry for CNC Machining
- Technological Basic for CNC Machining
- Introduction to NC Programming
- CNC Machining Practice
- CNC Lathe with SIEMENS Control
- CNC Milling (HAAS Control)

Starting Date : Every alternate month starting from April

Course Objective : In this course of learning by doing the participants will be able perform programming & operate high-tech CNC machines independently

For Whom : This course is specially designed for those who aspire their career in the area of CNC machine operators.

CERTIFICATE COURSE IN TOOL TECHNOLOGY (CCTT)

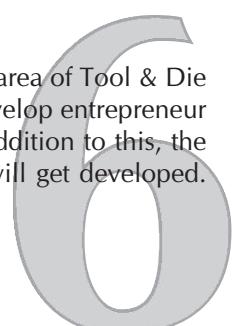
(Duration: 2 year + 1 year internship at IGTR's discretion) **Intake :** 60 / Batch **Frequency :** 2 **HRS / DAY :** 6

Eligibility : The candidate (First come first serve) (The trainees merit ranked 1 to 10 in optional entrance that will be awarded certificate of GCVT additionally) must have passed Secondary School Certificate (SSC) examination with English **Venue :** Indo German Tool Room, Vatva Ahmedabad

COURSE CONTENTS :

- Human Science :
 - Computer application
 - Entrepreneurship Development
 - Supervisory Management
- Core Technology :
 - Workshop Technology
 - CNC Technology
 - Engineering Drawing
 - Tool Design theory (Press Tools)
 - Tool Design theory (Jigs Fixtures & Gauges)
 - Tool Design theory (Plastic Mould)
 - Tool Design theory (Die Casting Dies)
- Technology :
 - Workshop Technology
 - Production Planing & Cost Estimation
 - Tool Design Practice (Press Tools)
 - Tool Design practice (jigs , Fixtures & Gauges)
 - Tool Design Practice (Plastic Moulds)
 - Tool Design Practice (Die Casting Dies)
- Software :
 - Auto Cad - Master Cam
 - Mathematical Technical Software (MTS)
 - Project work
- Physical Science :
 - Material technology
 - Hydraulics & pneumatics
 - Engineering Metrology

For Whom : Young students who have passed Secondary School Certificate examination (SSC) aspiring to be young entrepreneur in the area of Tool & Die making **Starting Date :** Aug & Feb every year **Course Objective :** The objective of this fast track course in Tool & Die making is to develop entrepreneur in Tool design & Manufacturing especially for the tools like Press Tools, Plastic Mold, Jig & Fixtures, Gauges, Die Casting Dies .In addition to this, the competencies in the allied areas like TQM, ISO, Quality Standards, Supervisory Management, Costing, Environment protection etc will get developed. The Participants will also get hands on experience and develop confidence during the course of internship.





POST DIPLOMA CERTIFICATE IN CNC MACHINE MAINTENANCE (PDCMM)

Duration : 1 Year (FULL TIME) - 6 days/week **Intake:** 50 **Frequency :** 1 **HRS / DAY :** 6

Eligibility : Degree or Diploma in Mechanical /Production / Electrical / Mechatronics Engineering

Venue : IGTR, Vatva, Ahmedabad

COURSE CONTENTS :

- Basic Pneumatics
- Lubrication
- Hydraulics, Electricals
- MTS & Simulation Lab
- Machine tools
- Test chart fundamentals
- Electronics - Drives, PLC's etc,
- Geometrical accuracies in machine tools & specifications

- Breakdown maintenance
- Preventive Maintenance
- On the job training
- Complete fundamentals of Turning Center, VMC, HMC

Starting Date : October every year **Course Objective :** To impart and develop skilled manpower to meet the needs of maintenance personnel in CNC machine maintenance.



POST GRADUATE CERTIFICATE IN INSPECTION AND QUALITY CONTROL (PGCIQC)

Duration : 3 Months **Intake :** 20 **Frequency :** 2 **HRS / DAY :** 6

Eligibility : Degree in Science Bsc. Preferably Physics, Maths **Venue :** IGTR, Vatva, Ahmedabad

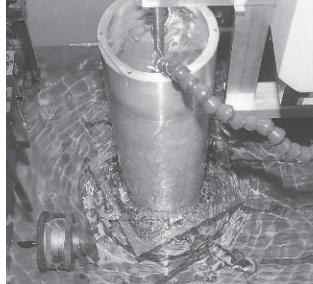
COURSE CONTENTS :

- Engineering Drawing
- Internship in QC
- Workshop Technology Theory
- Metrology
- (Basic Machine operation)
- SQC
- observations in the machine shop
- Metrology S.Q.C.

Starting Date : July & December every year **Course Objective :** To make young graduates of sciences employable in the manufacturing & quality control departments as Inspectors of quality.

For Whom : Those aspiring to make their career for quality control and inspection in manufacturing industries.





POST GRADUATE CERTIFICATE IN INFORMATION TECHNOLOGY (PGCIT)

Duration : 1 Year Intake : 35 Frequency : 1 HRS / DAY : 6

Eligibility : Degree in any discipline. Venue : IGTR, Vatva, Ahmedabad

COURSE CONTENTS :

● Windows :

- Ms Office
- MS Excel
- MS Word
- Power Point

● Hardware & Networking :

- ' C ' Language
- Tally 9
- M S Access

● Web Design :

- Photo shop
- Dream Weaver
- Flash
- Internship

Starting Date : September every year. Course Objective : The participants will be able to work in IT & allied services at the beginner.

For Whom : For those seeking career in area of Information Technology



POST GRADUATE IN COMPUTER AIDED ENGINEERING (PGCAE)

Duration : 1 Year (Full Time) Intake : 20 Frequency : 1 HRS / DAY : 6

Eligibility : Degree or Diploma in Mechanical / Production / Electrical / Electronics / Mechatronics Engineering. Venue : IGTR, Vatva, Ahmedabad

COURSE CONTENTS :

- Unigraphics (CAD)
- Solver Radioss
- Press Tools
- (Linear Static Analysis – Isotropic)
- Hyper Mesh
- Within Elastic
- Hyper Form
- Limit - Homogeneous)
- Ansys Mould
- Design Concepts
- Mouldex / Practice
- Internship (12 weeks)

Starting Date : September every year.

Course Objective : At the end of this course participants will acquire knowledge to work in area of CAE

For Whom : For those seeking career in area of CAD & CAE





POST GRADUATE IN SMALL ENTERPRISE MANAGEMENT (PGSEM)

Duration : 6 months **Intake :** 10 **Frequency :** 2 **HRS / DAY :** 5

Eligibility : Degree or Diploma in any discipline

Venue : IGTR, Vatva, Ahmedabad

- COURSE CONTENTS :**
- MSME environment, schemes and assistance
 - Industrial management and principles of finance,
 - HR Production, materials & marketing management
 - Commercial and labour law
 - Manufacturing engineering
 - Computer awareness
 - Soft skill development

Starting Date : October, April

Course Objective : To train technical graduates in bringing awareness in technology, managing business & growth strategies

For Whom : Small entrepreneurs who intend to manage their business.



CERTIFICATE IN METALLURGY AND HEAT TREATMENT (CM & HT)

Duration : 1 Year **Intake :** 20 **Frequency :** 1 **HRS / DAY :** 6

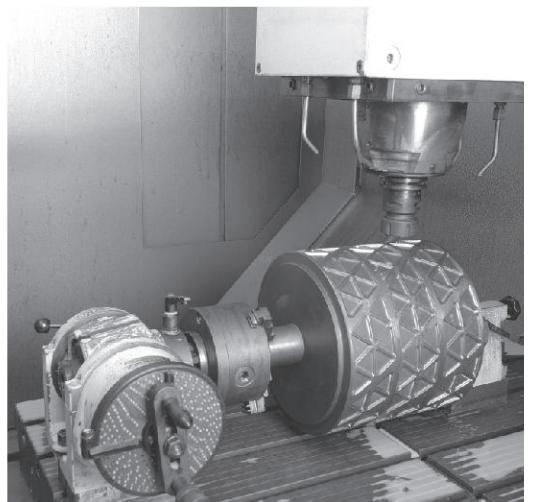
Eligibility : SSC Pass / ITI in welder, forger. **Venue :** IGTR, Vatva, Ahmedabad

- COURSE CONTENTS :**
- | | | |
|------------------------|-------------------------|-----------------------|
| ● English | ● Engineering Drawing | ● Metal Joint Process |
| ● Material Technology | ● Production Technology | ● Material Testing |
| ● Computer Application | ● Heat Treatment | ● Welding & Metrology |

Starting Date : September every year. **Course Objective :** To make familiar with properties and application, treatment of alloys and metals, various specifications of steel and testing methods . Also to develop Heat

Treatment skills & select process parameters independently **For Whom :** For those seeking career in area of CAD & CAE

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CERTIFICATE COURSE IN FOUNDRY TECHNOLOGY (CCFT)

Duration : 6 months	Intake : 20	Frequency : 4	HRS / DAY : 4
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Eligibility : 10th pass / appeared

Venue : Center of Foundry Education & Research (CFER) Odhav, Ahmedabad.

COURSE CONTENTS :

- Casting Process
- Core & its application
- Casting defects & remedies
- Sand Mould Construction
- Casting
- Safety
- Types of Sands, bin
- Finishing of castings
- Soft Skill Training

Starting Date : March, June, September & December
in mould preparation, casting and finishing of casting

Course Objective : Able to work as entry level employment in foundry shop and start at fresher level
For Whom : The youths who want employment in foundry shop as a technician

POST DIPLOMA IN TOOL MANUFACTURE (PDTM)

Duration : 1 year	Intake : 20	Frequency : 1	HRS / DAY : 6
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Eligibility : Degree or Diploma in Mech./prod./industrial & prod./Mechatronics engineering **Venue :** IGTR, Vatva, Ahmedabad

COURSE CONTENTS :

- Manufacturing Technology
- Metrology & CIM, Maintenance
- CAD /CAM
- Concurrent PPC
- Tool Engineering
- Metrology
- Tool Engineering
- Industrial Management
- Cost & Estimation

Starting Date : September **Course Objective :** To make Engineer, disciplined and thorough in planning, and executing the trade with the latest technology.

For Whom : Fresh graduates/ Diploma holders from engineering aspiring to become good tool makers & managers

CERTIFICATE IN TOOL DESIGN - DRAWING (CTDD)

Duration : 1 Year	Intake : 20	Frequency : 2	HRS / DAY : 6
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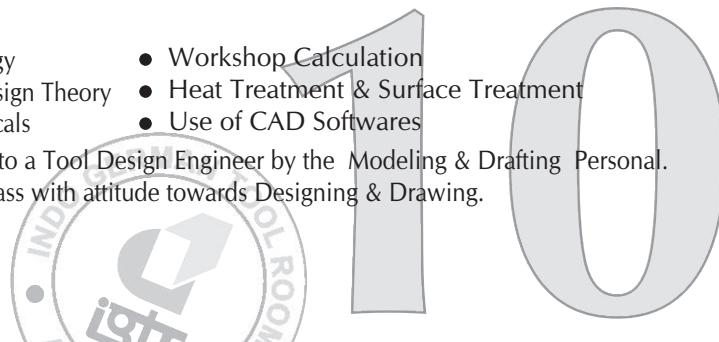
Eligibility : Pass in 10th or ITI Draftsman (Mech.)/ Fitter **Venue :** IGTR, Vatva, Ahmedabad

COURSE CONTENTS :

- Workshop Theory
- Production Technology
- Metrology
- Design Calculations
- Material Technology
- Tool Design Theory
- Heat Treatment & Surface Treatment
- Engineering Drawing & Standards
- Industrial Education
- & Practicals
- Use of CAD Softwares

Starting Date : September every year **Course Objective :** This is started with the need of assistance to a Tool Design Engineer by the Modeling & Drafting Personal.

For Whom : Fresh ITI Certificate holders of Draftsman (mechanical) trade Tool & Die maker or SSC Pass with attitude towards Designing & Drawing.





CERTIFICATE IN CMM OPERATOR (CMMO)

Duration : 4 months **Intake :** 5 per batch **Frequency :** 3 **HRS / DAY :** 6

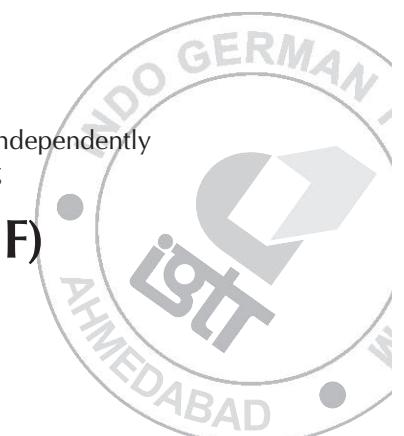
Eligibility : ITI or Diploma / Degree holder in Science, Engineering (preferably in Mechanical, Production & electronics) CCTT from IGTR course completed.

Venue : IGTR, Vatva, Ahmedabad

- COURSE CONTENTS :**
- Drawing Reading
 - Geometrical Dimensions & Tolerances
 - Basic functions of Co-ordinate measuring Machine
 - Machine Controls
 - Programming for multiple cycles
 - Reverse Engineering

Starting Date : March, July & November of every year

Course Objective : To operate and inspect complex jobs using Co-Ordinate measuring machine. To prepare trainee to operate independently CMM and gain proficiency **For Whom :** ITI and Diploma holders interested in quality and precision manufacturing engineering



CERTIFICATE IN CONVENTIONAL & CNC MACHINIST (CCCM - F)

Duration : 1 Year **Intake :** 50 **Frequency :** 1 **HRS / DAY :** 4

Eligibility : 10th pass / Fail from society having interest in starting their career in vocational trade

Venue : IGTR, Vatva, Ahmedabad

- COURSE CONTENTS :**
- Auto Cad
 - Workshop Technology
 - Metrology
 - Drawing Reading
 - Conventional Machining
 - Practice
 - Bench work
 - Simulator Machining
 - CNC Machining

Starting Date : June every Year

Course Objective : To reopen an opportunity to trainees who have failed in their SSC exam & discontinued studies for a small period and excel in their career as an operator in conventional and CNC machinist

For Whom : Those who want to operate conventional & CNC machines





SHORT TERM COURSES

PRO-E - MODELING & DRAFTING

Duration : 3 Weeks Intake : 10 Frequency : 3 HRS / DAY : 6

Eligibility : Degree / Diploma in Mechanical / Automobile/ Plastic Engineering / Tool & Die Making

Venue : INDO GERMAN TOOL ROOM- TRAINING CENTRE, VATVA, AHMEDABAD.

- COURSE CONTENTS :**
- Introduction to Pro – E
 - Surfacing
 - Sketcher
 - Model Optimization
 - Part Modeling
 - Assembly & Drafting

Course Objective : At the end of this course participants will acquire skill in PRO - E - Modeling & Drafting **For Whom :** This course is designed for those who want their career development in PRO - E - Modeling & Drafting **Starting Date:** On Request (Concurrent to module planned in MTC)



UNIGRAPHICS - MODELING & DRAFTING

Duration : 3 Weeks Intake : 10 Frequency : 3 HRS / DAY : 6

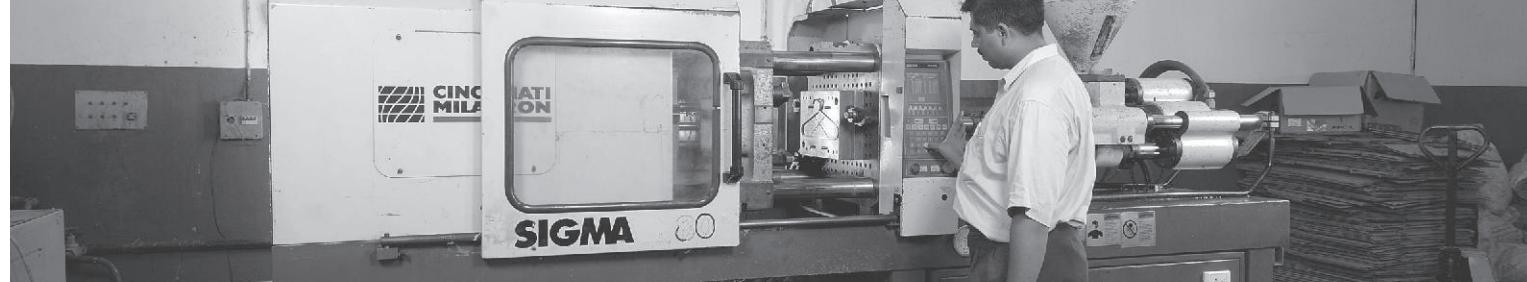
Eligibility : Degree / Diploma in Mechanical / Automobile/ Plastic Engineering / Tool & Die Making

Venue : INDO GERMAN TOOL ROOM- TRAINING CENTRE, VATVA, AHMEDABAD.

- COURSE CONTENTS:**
- Executive & coordinate system
 - Navigation
 - Curves
 - Free form features editing
 - Sketcher featuring modeling
 - Assembly modeling/ drafting.
 - Features editing

For Whom : This course is designed for those who want their career development in UNIGRAPHICS - MODELING & DRAFTING **Starting Date :** On Request (Concurrent to module planned in MTC)





UNIGRAPHICS - MACHINING

Duration : 2 Weeks | Intake : 10 | Frequency : 3 | HRS / DAY : 6

Eligibility : Diploma in Mechanical / Automobile/ Plastic Engineering / Tool & Die Making **Venue :** INDO GERMAN TOOL ROOM- VATVA, AHMEDABAD.

COURSE CONTENTS :

- Overview of manufacturing
- Point to point machining
- Cavity milling
- Introduction to CNC Lathe.
- Manufacturing application
- Planner milling
- Fixed contour operation,

Course Objective : At the end of this course participants will acquire skill in UNIGRAPHICS - MACHINING **For Whom:** This course is designed for those who want their career development in UNIGRAPHICS - MACHINING **Starting Date :** On Request (Concurrent to module planned in MTC)

MASTER - CAM - MODELING & DRAFTING

Duration : 3 Weeks | Intake : 10 | Frequency : 2 | HRS / DAY : 6

Eligibility : Diploma in Mechanical / Automobile/ Plastic Engineering / Tool & Die Making **Venue :** INDO GERMAN TOOL ROOM, VATVA, AHMEDABAD.

COURSE CONTENTS :

- Introduction to master cam
- Surface modeling
- Solid modeling
- 2 d-drafting/ modify & x-form
- Editing of surfaces
- Editing of solids.

Concept of 3d
Wire frame modeling

Course Objective : At the end of this course participants will acquire skill in UNIGRAPHICS - MODELING & DRAFTING **For Whom :** This course is designed for those who want their career development in MASTER - CAM - MODELING & DRAFTING **Starting Date :** On Request (Concurrent to module planned in MTC)

MASTER - CAM - MACHINING

Duration : 2 Weeks | Intake: 10 | Frequency : 2 | HRS / DAY : 6

Eligibility : Diploma in Mechanical / Automobile/ Plastic Engineering / Tool & Die Making **Venue :** INDO GERMAN TOOL ROOM, VATVA, AHMEDABAD.

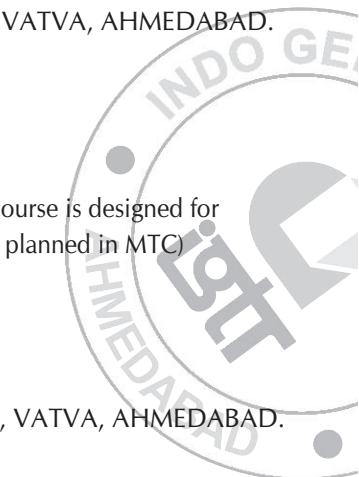
COURSE CONTENTS :

- 2D Face milling
- 3D surface rough pocket
- scallop left over tool path
- Pocket & contour
- & finishing contour
- Over view of 3D
- Tool path
- parallel
- manufacturing.

Course Objective : At the end of this course participants will acquire skill in MASTER - CAM - MODELING & DRAFTING **For Whom :** This course is designed for those who want their career development in MASTER - CAM - MODELING & DRAFTING

Starting Date : On Request (Concurrent to module planned in MTC)

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PROGRAMMING & OPERATION OF CNC WIRE EDM.

Duration : 2 Weeks **Intake :** 10 **Frequency :** 2 **HRS / DAY :** 6

Eligibility : I.T.I in Fitter / Turner / Machinist **Venue :** INDO GERMAN TOOL ROOM- Training Centre, Vatva, Ahmedabad.

COURSE CONTENTS :

- Introduction into CNC Wire Cutting
- NC commands for programming
- NC programming basics
- Taper mode programming
- Coordinate systems and Zero point shifts
- Introduction of Robofile CNC Wire EDM
- Exercises.

Course Objective : At the end of this course participants will acquire skill in PROGRAMMING & OPERATION

OF CNC TURNING 'FANUC, SIEMENS & HEIDENHAIN' **For Whom :** This course is designed for those who want their career development in PROGRAMMING & OPERATION OF CNC TURNING 'FANUC, SIEMENS & HEIDENHAIN' **Starting Date :** On Request (Concurrent to module planned in MTC)

CNC PROGRAMMING IN FANUC & HEIDENHAIN CONTROLS

Duration : 2 Weeks **Intake :** 10 **Frequency :** 2 **HRS / DAY :** 6

Eligibility : I.T.I in Fitter / Turner / Machinist **Venue :** INDO GERMAN TOOL ROOM- TRAINING CENTRE, VATVA, AHMEDABAD.

COURSE CONTENTS :

- Introduction to CNC Technology
- Geometrical basics for CNC machines
- Technological basics of CNC machine
- Programming introduction to NC
- CNC programming for CNC Turning with Fanuc controls and CNC Milling with Heidenhain controls.

Course Objective : At the end of this course participants will acquire skill in PROGRAMMING & OPERATION OF

CNC MILLING **For Whom:** This course is designed for those who want their career development in PROGRAMMING & OPERATION OF CNC MILLING **Starting Date :** On Request (Concurrent to module planned in MTC)





HYPERMESH (Meshing, Post Processing & Viewing)

Duration : 4 weeks **Intake :** 10 **Frequency :** 2 **HRS / DAY :** 6

Eligibility : Diploma in Mechanical / Automobile / Plastic Engineering / Tool & Die Making / ITI / Certificate course in Tool Technology / Degree in Science

Venue : INDO GERMAN TOOL ROOM- Training Centre, Vatva, Ahmedabad.

- COURSE CONTENTS :**
- Basic Interaction with Hypermesh
 - Geometry Clean-up
 - Shell Meshing
 - Solid & Hexa Meshing
 - Tetra Meshing Analysis Setup
 - Connectors
 - Structural Analysis
 - Thermal Analysis
 - Heat Transfer Analysis
 - Exercise

Course Objective : Participants will be able to prepare meshing for 3D models of the product & able to perform structural, thermal & heat transfer analysis. **For Whom :** Those who want their career development in FEA post processing (Hyper mesh) & FEA solving techniques. **Starting Date :** On Request

HYPEROBJECTS (Hypermesh & Hyperform)

Duration : 4 Weeks **Intake :** 10 **Frequency :** 2 **HRS / DAY :** 6

Eligibility : Diploma in Mechanical / Automobile / Plastic Engineering / Tool & Die Making / ITI / Certificate course in Tool Technology / Degree in Science

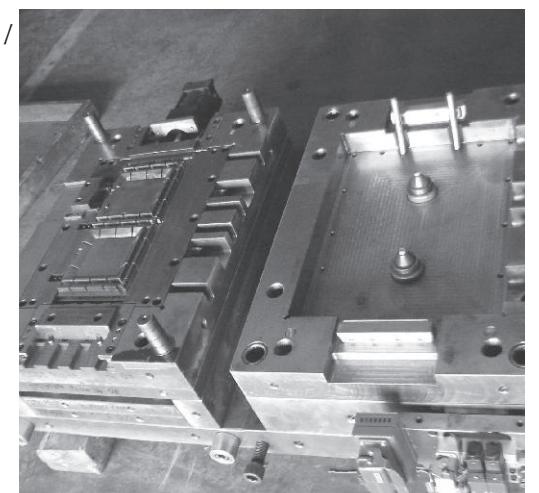
Venue : INDO GERMAN TOOL ROOM- Training Centre, Vatva, Ahmedabad.

- COURSE CONTENTS :**
- Hypermesh
 - Basic interactions with Hyper mesh / geometry clean up / Shell meshing / Solid & Hexa /
 - Tetra meshing / Analysis setup / Connectors / Radioss one step / Incremental / Auto process /
 - User process / Drawerbead / Springback / Blank optimizer.

Course Objective : Participants will be able to prepare meshing for 3D models of the product & able to perform various finite element analysis & developing solutions for forming process by using Hyperform. **For Whom :** Those who want their career development in FEA post processing (Hypermesh) & FEA solving techniques for manufacturing solutions

Starting Date : On Request

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PROGRAMMING & OPERATION OF CNC MILLING WITH FANUC & SIEMENS CONTROL

Duration : 2 weeks **Intake :** 10 **Frequency :** 6 **HRS / DAY :** 4

Eligibility : Degree or Diploma in Mechanical / Production / Automobile or ITI - Machinist / Turner / Fitter or IGTR pass out trainees (HOD - Training is authorised to permit deviation in eligibility subject to overall suitability or apply screening methods as necessary) **Venue :** INDO GERMAN TOOL ROOM- Training Centre, Vatva, Ahmedabad.

COURSE CONTENTS :

- CNC PROGRAMMING
Introduction to CNC Technology, Geometrical basics for CNC machines, Technological basics of CNC programming introduction to NC, CNC programming for CNC Milling with Heidenhan controls

Course Objective : At the end of course the trainee will be able to know and operate Fanuc controls (Programming & Operating)

For Whom : Those who want to make their career in Fanuc controls (Programming & Operating)

Starting Date : On Request

PROGRAMMING & OPERATION OF CNC TURNING WITH FANUC & SIEMENS CONTROL

Duration : 2 weeks **Intake :** 10 **Frequency :** 6 **HRS / DAY :** 4

Eligibility : Degree or Diploma in Mechanical / Production / Automobile or ITI - Machinist / Turner / Fitter or IGTR pass out trainees (HOD - Training is authorised to permit deviation in eligibility subject to overall suitability or apply screening methods as necessary)

Venue : INDO GERMAN TOOL ROOM- Training Centre, Vatva, Ahmedabad.

COURSE CONTENTS :

- CNC PROGRAMMING
Introduction to CNC Technology, Geometrical basics for CNC machines, Technological basics of CNC programming introduction to NC, CNC programming for CNC Turning with Fanuc controls.

Course Objective : At the end of course the trainee will be able to know and operate Fanuc controls (Programming & Operating) **For Whom :** Those who want to make their career in Fanuc controls (Programming & Operating)

Starting Date : On Request





AUTO CAD

Duration : 4 Weeks **Intake :** 10 **Frequency :** 6 **HRS / DAY :** 6

Eligibility : H.S.C. (Vocational) / ITI / Diploma / Degree in Engineering

Venue : INDO GERMAN TOOL ROOM- Training Centre, Vatva, Ahmedabad.

COURSE CONTENTS :

- Introduction to Autocad Environment /Editing of Lines
- Creation / Editing of Curves
- Creation / Editing of objects using different Commands / Editing of 3D objects in the Environment of MDT
- Creation / Editing of simple Assembly
- Creation / Editing of Assembly
- Creation

Course Objective : To make students & young designers use Auto Cad software for their mechanical drafting applications

For Whom : Students of SSC through engineering graduates.

Starting Date : On Request

CATIA

Duration : 4 Weeks **Intake :** 10 **Frequency :** 2 **HRS / DAY :** 6

Eligibility : Diploma in Mechanical / Automobile / Plastic Engineering / Tool & Die Making / ITI / Certificate course in Tool Technology / Degree in Science

Venue : INDO GERMAN TOOL ROOM- Training Centre, Vatva, Ahmedabad.

COURSE CONTENTS :

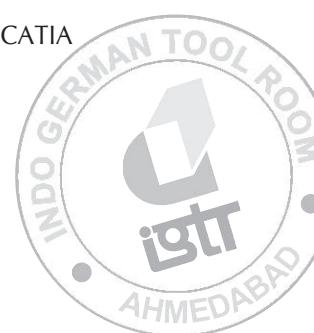
- Introduction to Catia
- Part Modeling
- Surfacing
- Model Analysis & Model Optimization
- Assembly and Drafting

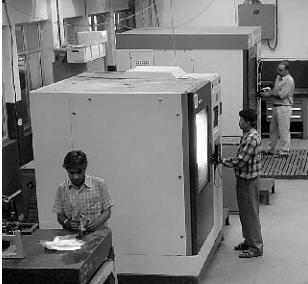
Course Objective : At the end of this course participants will acquire skill in CATIA

For Whom : This course is designed for those who want their career development in CATIA

Starting Date: On Request (Concurrent to module planned in MTC)

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ANSYS

Duration : 4 Weeks **Intake :** 5 **Frequency :** 2 **HRS / DAY :** 6

Eligibility : Diploma in Mechanical / Automobile / Plastic Engineering / Tool & Die Making / ITI / Certificate course in Tool Technology / Degree in Science

Venue : INDO GERMAN TOOL ROOM- Training Centre, Vatva, Ahmedabad.

COURSE CONTENTS :

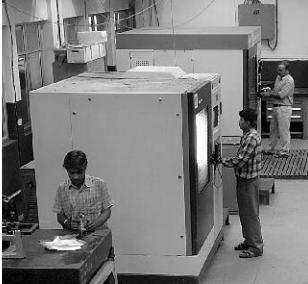
- Finite Element Analysis
- Different Types of Interfaces
- Classic and Workbench
- Analysis Setup
- Structural
- Thermal and Heat Transfer Analysis
- Miscellaneous

Course Objective : Participant will be able to perform structural, thermal & heat transfer analysis in Ansys platform.

For Whom : Those who want their career development in the area of computer aided engineering (CAE)

Starting Date : On Request





VOCATIONAL COURSES

CERTIFICATE COURSE IN FITTER

Duration : 6 months (Full Time)

Intake : 10

Eligibility : S.S.C. Appeared **Venue :** Indo German Tool Room - Training Center, Vatva, Ahmedabad **Course objective :** At the end of this course participants will identify and acquire use of hand tool and fitting skill **For Whom :** This course is designed for non Technical students those who want their carrier development in basic fitting area

CERTIFICATE COURSE IN TURNER

Duration : 6 months (Full Time)

Intake : 10

Eligibility : S.S.C. Appeared **Venue :** Indo German Tool Room - Training Center, Vatva, Ahmedabad **Course objective :** At the end of course participant will acquire the skill to operate conventional lathe machine and get the knowledge about all kind of operation which is performed on lathe machine **For Whom :** This course is design for non Technical student those who want their carrier development in operating of lathe machine

CERTIFICATE COURSE IN MILLER

Duration : 6 months (Full Time)

Intake : 10

Eligibility : S.S.C. Appeared **Venue :** Indo German Tool Room - Training Center, Vatva, Ahmedabad

Course objective : At the end of course participant will acquire the skill to operate conventional milling machine and get the knowledge about all kind of operation which is performed on milling machine

For Whom : This course is design for non Technical student those who want their carrier development in operating of milling machine

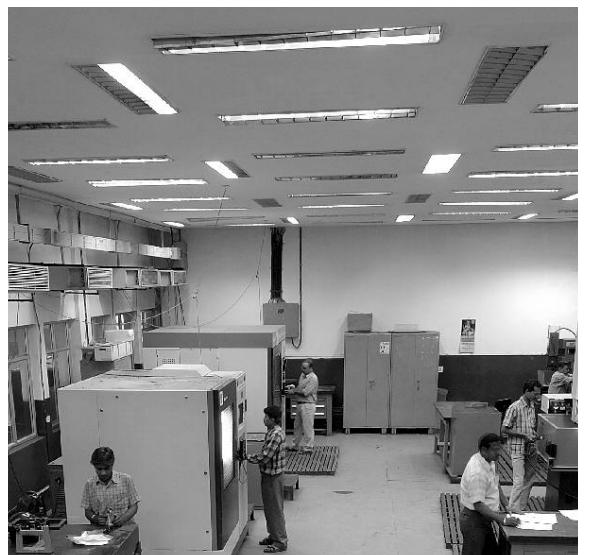
CERTIFICATE IN PLASTIC PROCESSING

Duration : 6 weeks

Intake : 10

Eligibility : S.S.C. Appeared **Venue :** Indo German Tool Room - Training Center, Vatva, Ahmedabad

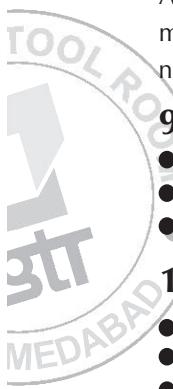
Course objective : Acquire skill to operate injection moulding machine, knowledge about plastic material and injection moulding process **For Whom :** For those who want to build career in plastic processing.





8.0 COURSE OVERVIEW

All the courses of IGTR training programs are designed keeping in needs to perform related duties in the industry. The needs of the courses are identified by meeting industry, feedback taken from industries after campus interview suggestions received and trends of technology. The courses aim to provide all inputs necessary to apply knowledge/ skill so that a trainee can pursue his career in the related field at entry level and further gain experience.



9.0 ELIGIBILITY

- Eligibility requirements for all courses are identified separately in course details.
- The eligibility specified is for guidelines and IGTR reserves right to alter the same
- Mere fulfilling eligibility does not guarantee successful completion of the course.

10.0 ADMISSION

- Admission is not final till registration and first installment of fee is paid
- Admission is subject to a trainee agree to adjust himself to timings of the course which could be in shifts

11.0 FEE STRUCTURE

- FEES paid once is not refundable but transferable within limited meaning
- Admission to any course is confirmed only if registration charge is received by IGTR
- First installment of the fee shall be paid on day of start of the course and remaining fee shall be paid as per schedule. Penalty will be levied if fees are delayed.
- Registration charge of a candidate, whose fee is paid under govt scheme, will be refunded only if a trainee successfully completes the course.
- Please Check for details of fees and deposits at the time of admission.

12.0 TIMINGS

- A time table for each course will be issued at the beginning of the course
- All efforts will be made to accommodate working trainees, however the trainees are required to attend training regularly in order to successfully complete the training.
- Trainees presence is marked by faculty in the training session and it will be a final record

13.0 Hostel facilities

- Hostel accommodation is available subject to vacancy in various categories
- A trainee has to declare in his admission form if he/she requires hostel facilities
- Admission to hostel will be decided on the day of admission based on vacancy
- It is compulsory for trainee staying in hostel to use mess facility. He is not permitted to avail food from outside.
- Hostel admission is subject to following hostel rules





14.0 AWARDING CERTIFICATES

- A trainee who has at least 85% presence and who has met evaluation criteria is awarded certificate of successful completion
- A trainee whose presence is less than 85% but 50% or more and meets evaluation criteria will be awarded certificate of Participation.
- A certificate to any trainee who fails to meet above criteria may be refused. Issue of certificate is subject to trainee's evaluation and is not a matter of right purely because fees are paid.
- A trainee is required to satisfy himself that he is capable to grasp the course content for further professional application before admission. Mere admission is not guarantee that the trainee can learn or professionally pursue learning.
- IGTR reserves right to deny certificate if in its opinion a trainee has not been present as required or fails evaluation criteria or his behavior is found contradicting disciplined team work.

15. 0 PLACEMENT

- IGTR arranges campus interviews for placement at the end of the course
- For availing the placement facility a trainee is required to register by filling up a form which is available at establishment section and pay a token fee
- Normally, candidates will be allowed to appear in interview one month prior to completion of course
- Intimation will be given by notice on notice board or mobile number if given in form
- Pursuing a course or registering for placement is no GUARANTEE of employment.

16. CONTACT Refer 7.0

17.0 GENERAL RULES AND REGULATIONS

- The trainee is bound by all rules and regulations applicable to him/her as laid by management from time to time.
- Violation of disciplinary rules will lead to warning/penalty/ suspension or termination of training depending on seriousness of the case.
- IGTR promotes on importance of culture and good conducive behavior in addition to technical training It is therefore important that trainees displays exemplary self discipline.
- True copies of relevant certificates are required at time of admission
- Institute reserves right to alter/ modify contents/ duration of any course
- IGTR will make all efforts to communicate information/instructions to a trainee. However the trainee is advised to remain in contact with institute for any communication.
- Any financial assistance/ subsidy/reimbursement/exemption of fees to any category of trainee will be as per such schemes of the government or sponsoring agency. The trainee is advised to get such information at the time of admission
- Registration fees are compulsory and will only be refunded if trainee successfully completes the course.
- All caution deposits are refunded only after No due certificate is given.



Calendar of Training Programmes

COURSES		INTAKE	DURATION	Hrs/Day	TUITION FEES PER SEMESTER (Rs)	FREQUENCY	SCHEDULE (COURSE BEGINNING FROM)	ELIGIBILITY CRITERIA
I LONG TERM COURSES (LTC)								
1	DIPLOMA IN TOOL & DIE MAKING (DTM) (AICTE approved and recognised by Technical Examination Board - TEB)	60	4 Years	8	15000.00	1	August every year (Refer advertisement)	10th Pass with English subject (Selection through Entrance Test)
2	CERTIFICATE IN MACHINIST-TOOL ROOM (CMT) (Recognised by Directorate of Employment and Training-DET)	40	2+1 Years	8	11250.00	1		
II MEDIUM TERM COURSES (MTC)								
1	POST GRADUATE DIPLOMA IN TOOL DESIGN & CAD/CAM (PGTDCC)	50	1 1/2 years	6	25000.00	1	August every year	Degree in Mechanical / Automobile / Plastic Engineering / Production Engineering
2	POST DIPLOMA IN TOOL DESIGN & CAD/CAM (PDTDCC)	50	1 year	6	25000.00	1	August every year	Degree or Diploma in Mechanical / Automobile / Plastic Engineering / Tool & Die Making
3	POST DIPLOMA IN CAD/CAM (PDCC)	50	1 year	6	25000.00	1	September every year	Degree or Diploma in Mechanical / Production / Plastic Engineering / Tool & Die Making
4	MASTER OF CAM AND CNC TECHNOLOGY (MCCT)	25	6 Months	6	35000.00	6	Every alternate months starting from April.	Diploma in Mechanical / Automobile / Plastic Engineering / Tool & Die Making / I.T.I. with 2 years experience
5	CERTIFICATE COURSE IN CNC MACHINIST (CNC M/C OPERATOR) (CCM)	25	4 Months	6	20000.00	6	Every alternate months starting from May.	I.T.I. in Turner / Machinist or M/c Operator (Lathe, Milling with 3-4 years experience)
6	CERTIFICATE COURSE IN TOOL TECHNOLOGY (CCTT)	40	2 years	6	40000.00	2	August & February every year	10th Pass with English Subject
7	POST DIPLOMA IN CNC MACHINE MAINTENANCE (PDCMM)	50	1 year	6	25000.00	1	October every year	Degree / Diploma in Mechanical / Producton/ Electrical / Mechatronics/ Enginerig
8	POST GRADUATE CERTIFICATE INSPECTION AND QUALITY CONTROL (PGCIQC)	20	3 Months	6	20000.00	2	July & December every year	Degree in Science (BSc) Pref. Physics, Maths, Chemistry
9	POST GRADUATE CERTIFICATE IN INFORMATION TECHNOLOGY (PGCIT)	30	1 year	6	30000.00	1	October every year	Degree in any discipline.
10	POST GRADUATE IN COMPUTER AIDED ENGINEERING (PGCAE)	20	1 year	6	25000.00	1	October & April	Degree or Diploma in Mechanical / Production / Electrical / Electronics / Mechatronics Engineering.
11	CERTIFICATE IN METALLURGY AND HEAT TREATMENT (PDTM)	20	1 year	6	20000.00	1	September every year	Degree or Diploma in Mechanical / Production / Electrical / Electronics / Mechatronics Engineering.
12	POST GRADUATE PROGRAM IN SMALL ENTERPRISE MANAGEMENT (PGSEM)	10	6 Months	5	200000.00	1	July / August every year	Degree in any discipline
13	CERTIFICATE COURSE IN FOUNDRY TECHNOLOGY (CCFT)	20	6 Months	6	20000.00	4	March, June , September & december	10th Pass
14	POST DIPLOMA IN TOOL MANUFACTURE (PDTM)	20	1 year	6	20000.00	1	September every year	Diploma / Degree in Mech Engg.
15	CERTIFICATE IN TOOL DESIGN - DRAWING (CTDD)	20	1 year	6	20000.00	3	March & September every year	10th Pass / ITI Fitter / Draftsman
16	CERTIFICATE IN CMM OPERATOR (CMMO)	05	4 months	6	20000.00	3	July & November every year	ITI or Equivalent or Diploma
17	CERTIFICATE IN CONVENTIONAL & CNC MACHINIST - WITH FOUNDATION (CCCM-F)	50	1 year	6	20000.00	1	June every year	10th Pass / Fail
III SHORT TERM COURSES (STC)								
1	PRO - E - MODELING & DRAFTING	10	3 Weeks	6	10000.00	3	On Request (Concurrent to module planned in MTC)	Diploma in Mechanical / Automobile / Plastic Engineering / Tool & Die Making / I.T.I. / Certificate Course in Tool Technology / Degree in Science.
2	UNIGRAPHICS - MODELING & DRAFTING	10	3 Weeks	6	10000.00	3		
3	UNIGRAPHICS - MACHINING	10	2 Weeks	6	8000.00	3	On Request (Concurrent to module planned in MTC)	H.S.C. (Vocational) / I.T.I. / Diploma / Degree in Engineering
4	MASTER CAM - MODELING & MACHINING	10	5 Weeks	6	10000.00	2		
5	CERTIFICATE IN AUTO CAD	10	4 Weeks	6	4000.00	6	On Request (Concurrent to module planned in MTC)	I.T.I. in Fitter / Turner / Machinist
6	PROGRAMMING & OPERATION OF CNC MILLING WITH FANUC & SIEMENS CONTROLS	10	2 Weeks	6	6000.00	2		
7	PROGRAMMING & OPERATION OF CNC TURNING WITH FANUC & SIEMENS CONTROLS	10	2 Weeks	6	6000.00	2	On Request (Concurrent to module planned in MTC)	Diploma in Mechanical / Automobile / Plastic Engineering / Tool & Die Making / I.T.I. / Certificate Course in Tool Technology / Degree in Science.
8	CATIA	10	4 Weeks	6	12000.00	1		
9	ANSYS	05	4 Weeks	6	15000.00	1	On Request (Concurrent to module planned in MTC)	
10	HYPERS WORKS	10	4 Weeks	6	20000.00	1		

As a part of improvement process, Institute may change schedule and course content from time to time.



18.0 COURSE CALENDAR

IGTR - VATVA, AHMEDABAD

Calendar of Training Programmes

COURSES		INTAKE	DURATION	Hrs/Day	TUITION FEES PER SEMESTER (Rs)	FREQUENCY	SCHEDULE (COURSE BEGINNING FROM)	ELIGIBILITY CRITERIA
IV VOCATIONAL COURSES								
1	CERTIFICATE COURSE IN TURNING / MILLING / GRINDING / FITTING / PLASTIC PROCESSING	10	1 Year	6	15000.00	1	July every year	10th Fail (Preferable SC / ST candidates)
V SUB CENTRE: IGTR - MSME- DI CAD/CAM TRAINING CENTRE, ASHRAM ROAD, AHMEDABAD								
<i>STC PROGRAMMES IN SR.NO. III UPTO NO.6</i>								
VI SUB CENTRE: IGTR - ITI CAD/CAM TRAINING CENTRE, ITI CAMPUS, RAJKOT								
1	CERTIFICATE COURSE IN CNC MACHINIST (CNC M/C OPERATOR) (CCM)	25	4 Months	6	20000.00	4	Every alternate months starting from April.	I.T.I. in Fitter / Turner / Machinist or M/c Operator (Lathe, Milling with 3-4 years experience)
2	POST DIPLOMA IN CAD/CAM (PDCC) <i>STC PROGRAMMES (AUTO CAD & UG)</i>	20	1 year	6	25000.00	1	August every year	Degree or Diploma in Mechanical / Production / Plastic Engineering / Tool & Die Making
VII SPONSORED PROGRAMMES FOR SOCIALLY DISADVANTAGEOUS SECTION								
1	Sponsored by Govt. of Gujarat (Dept. of Tribal Development) CERTIFICATE COURSE IN CNC MACHINIST WITH FOUNDATION (CCM-F)		1 year	4			On Advertisement	As prescribed by sponsoring agency.
2	Sponsored by Development of North Eastern region (DONER), Govt. of India <i>(ALL PROGRAMMES)</i>							Admission through respective State Govt. Directorate of Employment & Training. Contact Directorate or IGTR.
3	Sponsored by Ministry of Overseas Indian Affairs (MOIA) <i>Skill Certification Programmes</i>		6 weeks				On Advertisement	
4	Entrepreneurship Skill Development Programmes (ESDP) Sponsored by Ministry of MSME.		6 weeks				On Advertisement	

As a part of improvement process, Institute may change schedule and course content from time to time.

**PLEASE INQUIRE
FOR VARIOUS DISCOUNT / REIMBURSEMENT /
EXEMPTION / SPONSORSHIP SCHEMES IN TUITION FEES
AT THE TIME OF ADMISSION AS APPLICABLE FROM TIME TO TIME**

23

**VADODARA SUB CENTRE
OPENING SOON**



MSME TOOL ROOM - AHMEDABAD
INDO GERMAN TOOL ROOM, TRAINING CENTRE
VATVA, AHMEDABAD.

MSME
 मूक्षम लघु एवं मध्यम उद्यग
 MICRO SMALL & MEDIUM ENTERPRISE
 MSME - TOOL ROOM AHMEDABAD

REGISTRATION FORM

Location : VATVA / RAJKOT / ASHRAM ROAD

COURSE TYPE : Short Term Courses Medium Term Courses

AFFIX RECENT
 PASSPORT SIZE
 PHOTOGRAPH
 HERE

1. COURSE NAME : _____
2. STARTING MONTH : _____
3. NAME OF PARTICIPANT (In full) : _____
4. EDUCATIONAL QUALIFICATION : _____
5. DATE OF BIRTH : (As per Secondary School Certificate) : ____ / ____ / ____ AGE : ____ MALE / FEMALE
6. FATHER'S NAME : _____
7. ADDRESS : _____

8. PHONE NO. : (Res.) _____ Mobile: _____
 (Office) _____ E-mail: _____
9. WORK EXPERIENCE : _____ years.
10. SPONSORED : YES NO HOSTEL REQD : YES NO
11. CATEGORY : GENERAL OBC SC ST Minority PH
12. If belongs to Minority, please mention
 Muslim Christian Bhuddist Sikh Parsi Other

I do hereby declare that the particulars given above are true to the best of my knowledge and belief.

NOTE :

1. Draft is to be made in favor of INDO GERMAN TOOL ROOM, AHMEDABAD, payable at Ahmedabad.
2. For each participant as well as course, a separate registration form should be submitted. If required photocopies of the form can be used.
3. The institute reserves its rights to change the Contents & Schedule of the training course without prior notice.
4. If required, the participants are expected to work in shifts.
5. Commencement of the course is subject to registration status.
6. Fees once paid will not be refunded.
7. Please refer the course calendar for further details.

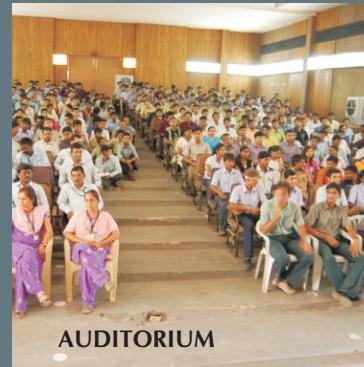
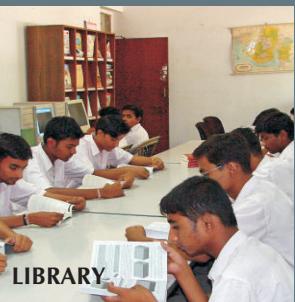
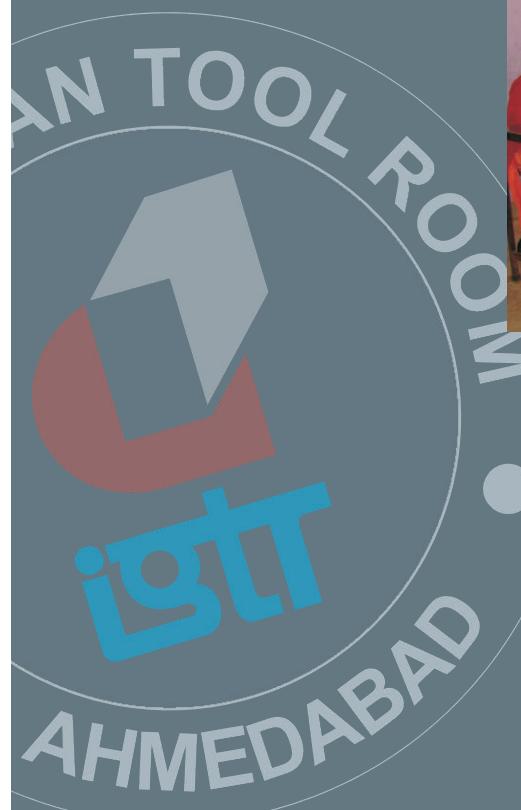
Date:

SIGNATURE OF CANDIDATE

COURSE CODE	FOR OFFICE USE ONLY			
	AMOUNT IN RS.	DD / CHEQUE NO.	NAME OF BANK	ACCOUNT SIGN.
TOTAL COURSE FEES				
REGISTRATION FEES				
1 ST INSTALLMENT				
2 ND INSTALLMENT				
HOSTEL FEES				
1 ST INSTALLMENT				
2 ND INSTALLMENT				
MISCELLANEOUS				

Our Trainees productively work with





INDO GERMAN TOOL ROOM

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SUB CENTRES :

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Ashram Road, Ahmedabad - 380 014.

Phone : + 91 - 79 - 27542032.

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