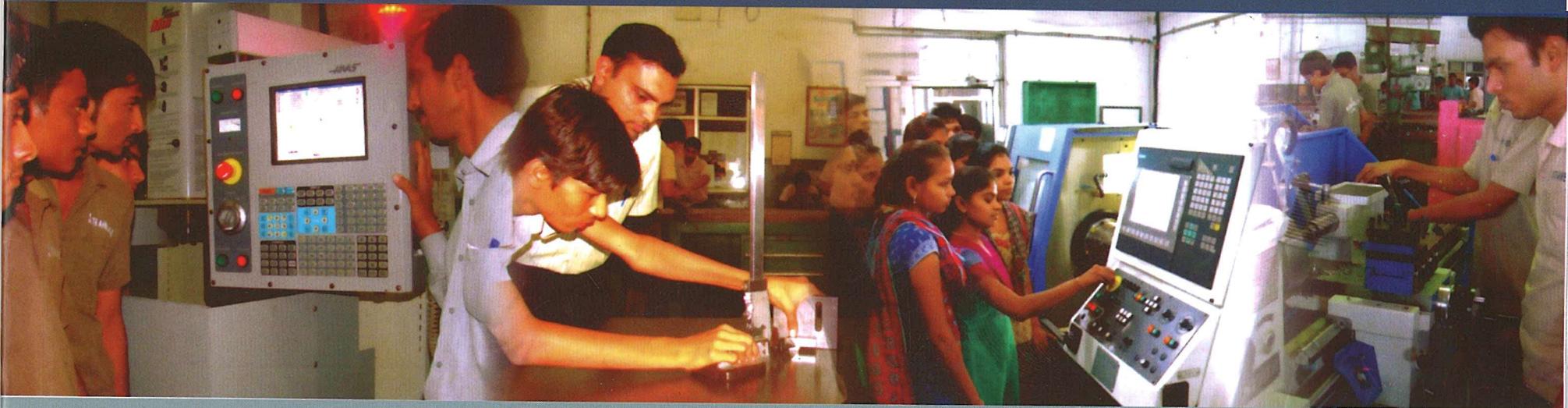


PROSPECTUS

OF DIPLOMA & CERTIFICATE COURSES

2019 - 2020



MSME - TOOL ROOM
INDO GERMAN TOOL ROOM
AHMEDABAD

(Ministry of MSME, Govt. Of India)

(AN ISO 9001 : 2015 CERTIFIED INSTITUTE)

www.igtrahd.com



FROM THE DESK OF GENERAL MANAGER



INDRAKUMAR HARIAMANI
General Manager

In the present market scenario, India is positioned for big economic growth. We are expecting Indian economy to grow at 8% average annually. This growth can be achieved only if our manufacturing sector performs exceeding well. This expected growth in manufacturing sector provides enormous opportunities for employment in MSME sector. So there will be huge requirement of trained manpower. 45% of our population is in age group of 20-35 years. If we can skill, re-skill & up-skill this Indian youth, then we can provide skilled manpower not only to MSME's, other Indian companies but also to the whole world. With aging population in many countries we could be world's largest manpower supplier. The PMO has set a target of skilling 400 million people by 2022. We are one of the institute which will help GOI to achieve this challenging task.

We at Indo German Tool Room have been providing 'day one production' manpower. Our philosophy of teaching is more 'hands on' rather than class room. We are going to start the new batches for various courses we run. Also in future we plan to start courses on latest technology like 3D Printing, Robotics etc.

We welcome you all to join us and be a part of India's future growth by becoming a "skilled manpower" rather than a theoretical knowledge gainer.



VISHAL KUMAR
Sr. Manager Training



M. P. SUTARIYA
Manager Training

" Technology for Better tomorrow "

**DIPLOMA IN TOOL
ENGINEERING
(NSQF compliance)**

Abridged course in tool and die making. Admission open on first come first serve basis. Register your admission with DD of Rs. 5000/- & SC/ST Rs. 1000/- contact course counsellor 079 - 4008 7103 or admission@igtrahd.com

**CONDENSED COURSE
IN TOOL & DIE MAKING
(NSQF compliance)**

Abridged course in tool and die making. Admission open on first come first serve basis. Register your admission with DD of Rs. 5000/- & SC/ST Rs. 1000/- contact course counsellor 079 - 4008 7103 or admission@igtrahd.com



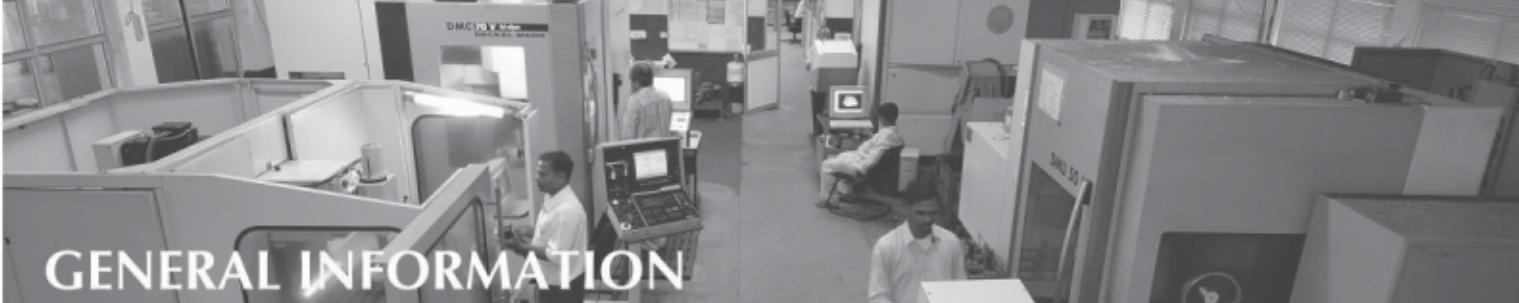
The **Training Centre** of Indo-German Tool Room, Ahmedabad is committed to develop human resources to cater to the needs of specifically SME of plastics & metal working in the area of Tool Technology and CAD/CAM/CAE.

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 continuos up gradation and capacity building of its trainer to nourish the ethical, spiritual and professional development of human resources.



GENERAL INFORMATION

OBJECTIVES :

The Long Term Course has been designed to train the trainees in Design and Manufacture of intricate tools like Press Tools, Plastic Moulds, Die Casting Dies, Gauges, Jigs & Fixtures etc. in order to provide skilled manpower to the industry in the field of Tool and Die Technology.

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 of Long Term Course is through advertisement and on performance in entrance test.

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 for only courses approved by NSQF, NCVT, GCVT and AICTE.

HOSTEL :

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

CERTIFICATE (for LTC courses) :

All the criterion to be met for awarding course certificate as per norms.

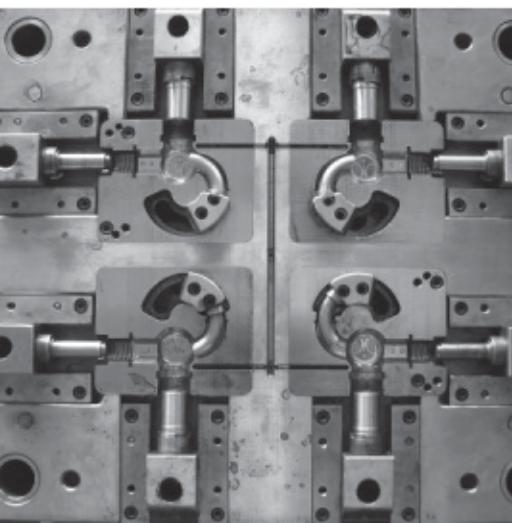
CERTIFICATE (for STC / MTC courses) :

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.





CONCENTRATES



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1. PROFILE - Indo German Tool Room, Ahmedabad

Indo German Tool Room has been established in Ahmedabad by the co operation of Office of the Development Commissioner (MSME), ministry of MSME Government of India under a bilateral agreement with Government of Federal Republic of Germany. The Government of Gujarat has contributed towards the required land, buildings and infrastructure. The Tool Room started its operations from its modern manufacturing and training facilities at Vatva in 1994.

The Board of the Governing Council members directs the activities of the Tool Room. The members are from various fields of expertise and the Development Commissioner AS & DC (MSME) is the Chairman. The Tool Room is an autonomous body registered under the Societies act.

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

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. TRAINING OBJECTIVES

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 :

Several Short-term courses are being offered to upgrade the knowledge & skills for persons specially employed in the Small Scale Industries and the students of various Technical Institutes.

5.2. Long Term Courses (preference) :

- DIPLOMA IN TOOL & DIE MAKING (DTM) (AICTE approved and recognised by Technical Examination Board - TEB)
- CERTIFICATE IN MACHINIST - TOOL ROOM (CMT) (Recognised by Directorate of Employment and Training - DET)
- DIPLOMA IN TOOL & DIE ENGINEERING
- POST GRADUATE DIPLOMA IN TOOL DESIGN & CAD/CAM (PGTDCC)
- POST DIPLOMA IN TOOL DESIGN & CAD/CAM (PDTDCC)
- POST DIPLOMA IN CAD/CAM (PDCO)
- POST DIPLOMA IN CNC MACHINE MAINTENANCE (PDCMM)
- POST DIPLOMA IN COMPUTER AIDED ENGINEERING (PDCAE)
- CONDENSE COURSE IN TOOL & DIE MAKING (CCTDM)
- CERTIFICATE COURSE IN MACHINE OPERATION (CCMO)

For program details, please refer our Calendar of Training Programs for the year 2017-2018

5.3. Approved Long Term Courses : Courses presently offered :

5.3.1. Diploma programme - Tool & Die making course is of 4-year duration (DTM).
After successful completion of the course paid internship for one year may be offered to the deserving candidates at the discretion of Management.

The course is approved by AICTE, recognised by TEB, Gandhinagar Gujarat state, Accredited by Institution of engineers (India)

5.3.2. Certificate programme Machinist - Tool Room (CMT) of 2+1 year duration followed by one year internship at the Production facilities of the Tool Room.

The course is approved by Gujarat Council of Vocational Training.

Graduated trainees of both the courses are well received by industries at Supervisory & Operational level.

Important Note : Candidates should not be studying in any other course or undergoing any other training at the time of admission and also during the course of training.





TRAINING FACILITIES

The training programmes are conducted in the self-contained state of art training center

- Classrooms are equipped with modern audio visual aids.
- The centre has a team of qualified and motivated trainers who are subjected to continuous upgradation of knowledge with Didactic and pedagogical skills by German Experts.
- Laboratories are equipped with facilities for testing material properties, measurement, hydraulics and pneumatics etc.
- Workshop is equipped with metal working machines necessary for tool & die making.
- Special facilities are available for training in technologies like CNC lathe, CNC Milling etc
- State of the art facilities are available for Training in CNC and CAD/CAM/CAE
- Library is equipped with reading facilities and books on Tool engineering, CAD/CAM &
- General engineering subjects. Audio & Video cassettes on Technical & Management themes are also available.

6. HOW TO APPLY

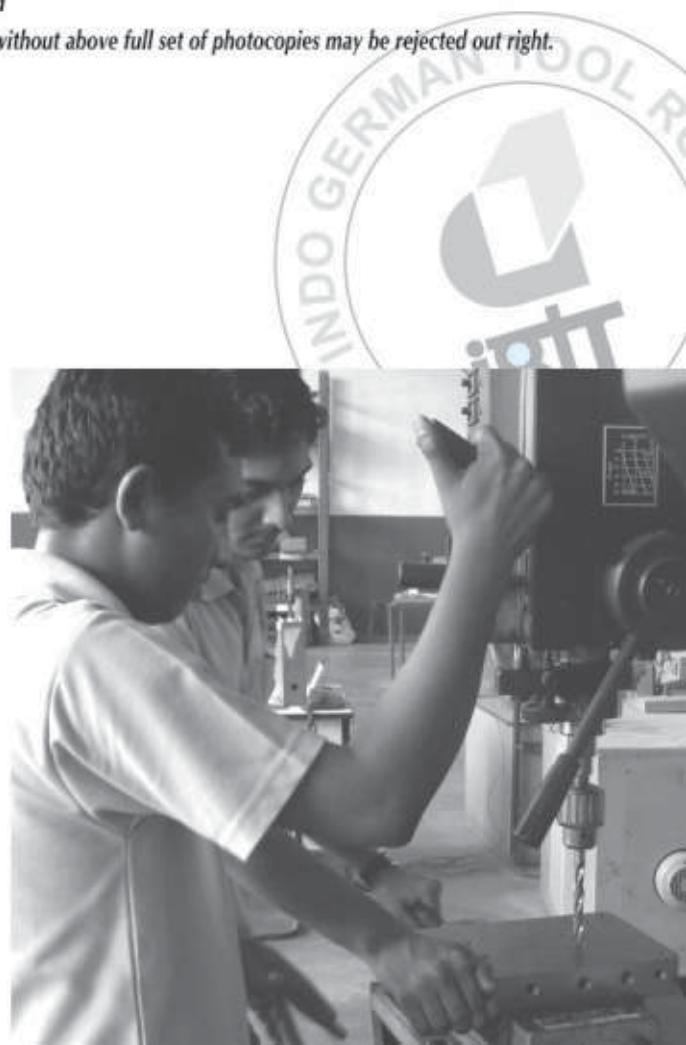
Advertisement inviting applications for the respective courses will appear in the newspapers.

Prescribed application form along with prospectus can be obtained from The Tool Room by sending a crossed Demand Draft of the requisite amount as mentioned in the advertisement for the individual courses. The Demand Draft is to be drawn in favour of **Indo German Tool Room, Ahmedabad** on any Nationalised Bank payable at Ahmedabad or by cash in person.

Please enclose following photocopies of certificates with the application form.

1. *SSC Marksheets*
2. *School Leaving Certificate / Birth Certificate.*
3. *Caste / PH Certificate from Competent authority if applicable.*
4. *Non Creamilayer for OBC Caste.*
5. *Aadhar Card*

The application without above full set of photocopies may be rejected outright.



3



7.OVERALL VIEW OF DIPLOMA COURSE

Name of the Course	DIPLOMA IN TOOL & DIE MAKING (AICTE Approved)
Entry Qualification	Passed 10 th class with Science, Mathematics & English with minimum 60% marks in aggregate (50% for the candidates belonging to SC/ST/PH)
Duration	4 years
Internship	On successful completion of the course, the Trainees may have to undergo one-year internship, if required at the discretion of the Institute.
Age	15 to 19 years as on 1 st August of current year Upward age relaxation of 3 years will be given for candidates belonging to SC/ST category Not even a single day more or less will be allowed from the two extreme limits. A variation of a single day from two extreme limits shall not qualify the applicants once the date on which age of candidate is counted for qualifying their eligibility is notified. It shall not be changed even if the date starting of the course is advanced or deferred for any reasons what so ever.
Intake	60 Trainees per year
Course Structure	Semester basis
Medium of Instruction :	English.
Theory : Practical	30 : 70 Approx.
Bond	The parents / guardian of the selected candidates are required to execute a bond for Rs. 1,76,000/- Max Value (Rupees One Lakh Seventy six Thousand Only) stating that their ward will continue the course for full duration.
Mode of Selection :	Entrance test and an Interview / Counseling will be conducted for selection of candidates. All candidates who fulfil the minimum eligibility criteria shall be called for the Entrance Test. After the Entrance Test a maximum of 70 to 80 candidates will be short listed in order of merit. The list of successful candidates will be prepared by applying the following criteria :

- 30% of the aggregate marks of qualifying examination (SSC board Examination)
- 70% of the marks scored in Entrance Test.

Entrance test: The Entrance Test will follow the schedule as specified in the advertisement. All eligible candidates are required to bring the admit card for the test.

All efforts will be made to send admit cards to eligible candidates well in time. Any candidate not receiving the admit card before a week from the date of Entrance test should contact the admission Co-ordinator to get the duplicate issued.

Fee Structure

Refer Annexure I

(As per Govt. directives the tuition fees of eligible Candidate belonging to SC & ST Category will not be charged. However all other charges are payable)

This is valid till further orders from Ministry of MSME. Govt. of India.





8. OVERALL VIEW OF CERTIFICATE COURSE

Name of the Course	CERTIFICATE COURSE IN MACHINIST [TOOL ROOM (GCVT Approved)]																						
Entry Qualification	Passed 10th class with Science, Mathematics & English with minimum 50% marks in aggregate (40% for the candidates belonging to SC/ST/PH)																						
Duration	2+1 years																						
Internship	On successful completion of the course, the Trainees shall have to undergo one-year paid internship.																						
Age	15 to 19 years as on 1 st August of current year. Upward age relaxation of 3 years will be given for candidates belonging to SC/ST category Not even a single day more or less will be allowed from the two extreme limits. A variation of a single day from two extreme limits shall not qualify the applicants once the date on which age of candidate is counted for qualifying their eligibility is notified. It shall not be changed even if the date starting of the course is advanced or deferred for any reasons what so ever.																						
Intake	40 Trainees per year																						
Course Structure	Semester basis (English Medium only)																						
Medium of Instruction	English.																						
Theory : Practical	30 : 70 Approx.																						
Bond	The parents/guardian of the selected candidates are required to execute a bond for Rs. 64,000/- Max Value (Rupees Fifty Six Thousand Only) stating that their ward will continue the course for full duration.																						
Mode of Selection :	Entrance test and an Interview / Counseling will be conducted for selection of candidates. All candidates who fulfil the minimum eligibility criteria shall be called for the Entrance Test. After the Entrance Test a maximum of 60 to 70 candidates will be short listed in order of merit. The list of successful candidates will be prepared by applying the following criteria : <ul style="list-style-type: none">● 30% of the aggregate marks of qualifying examination (SSC board Examination)● 70% of the marks scored in Entrance Test.																						
Fee Structure	Entrance test: The Entrance Test will follow the schedule as specified in the advertisement. All eligible candidates are required to bring the admit card for the test. All efforts will be made to send the admit cards to eligible candidates well in time. Any candidate not receiving the admit card before a week from the date of Entrance test should contact the admission Co-ordinator to get the duplicate issued. Refer Annexure I (As per Govt. directives the tuition fees of eligible Candidate belonging to SC & ST Category will not be charged. However all other charges are payable) <i>This is valid till further orders from Ministry of MSME. Govt. of India.</i>																						
	9. OVERVIEW OF DIPLOMA IN TOOL & DIE ENGINEERING (NSQF compliance) <table><tr><td>Name of the Course</td><td>: Diploma In Tool & Die Engineering</td></tr><tr><td>Entry Qualification</td><td>: SSC pass with minimum 40%</td></tr><tr><td>Duration</td><td>: 3 years (including 6th month implant training)</td></tr><tr><td>Internship</td><td>: On successful completion of the course, the trainees may have to undergo 6 months internship , if required at the discretion of the institute.</td></tr><tr><td>Age</td><td>: 16 to 20 years as on 1st August of current year.</td></tr><tr><td>Intake</td><td>: 50 trainees per year</td></tr><tr><td>Course structure</td><td>: Semester Basis</td></tr><tr><td>Medium of instruction</td><td>: English</td></tr><tr><td>Theory : Practical</td><td>: 30 : 70 approx.</td></tr><tr><td>Mode of selection</td><td>: Merit based admission % scored at 10th standard.</td></tr><tr><td>Fees</td><td>: Rs.30,000/- per semester</td></tr></table> <p>5% seats are reserved for sons / daughters of small entrepreneurs.</p>	Name of the Course	: Diploma In Tool & Die Engineering	Entry Qualification	: SSC pass with minimum 40%	Duration	: 3 years (including 6th month implant training)	Internship	: On successful completion of the course, the trainees may have to undergo 6 months internship , if required at the discretion of the institute.	Age	: 16 to 20 years as on 1 st August of current year.	Intake	: 50 trainees per year	Course structure	: Semester Basis	Medium of instruction	: English	Theory : Practical	: 30 : 70 approx.	Mode of selection	: Merit based admission % scored at 10th standard.	Fees	: Rs.30,000/- per semester
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Fees	: Rs.30,000/- per semester																						



10. SYLLABUS FOR ENTRANCE TEST.

MEDIUM FOR ENTRANCE TEST IS ENGLISH FOR DIPLOMA & ENGLISH OR GUJARATI FOR CERTIFICATE COURSE.

Entrance Test covers 80% Mathematics & Science, 10% English and 10% General Knowledge.

I) MATHEMATICS:

a) **Arithmetic :** Ratio, Percentage, Profit, Loss, Simple & Compound Interest, Discount, etc.

b) **Mensuration :** Perimeter and Area of plane figures, Volume of solids such as cylinders, cones, cubes, etc.

c) **Algebra :** Ratio of Real Numbers, Order in ratio, Word problem of Ratio, Properties of ratio, Theorem on equal ratio, Proportion, K-method, Direct variation, Inverse variation, Formula & Concept variation, Simultaneous & Linear equations, Quadratic equations, Factorisation.

d) **Trigonometry :** Trigonometrical ratios, relationships, identities and their applications.

e) **Statistics :** Frequency distribution, Cumulative frequency, Representation of statistical data.

f) **Geometry :** Lines, Angles, Triangles, Circles, Chords, Tangents, Quadrilateral, Trapezium, Parallelogram, Rhombus and Polygon.

II) SCIENCE

a) **Physics:** Measurements, Motion, Force and Momentum, Work, Power and Energy, Heat, State of Matter, Waves and Sound, Light, Electricity and Magnetism, Atomic structure of the matter.

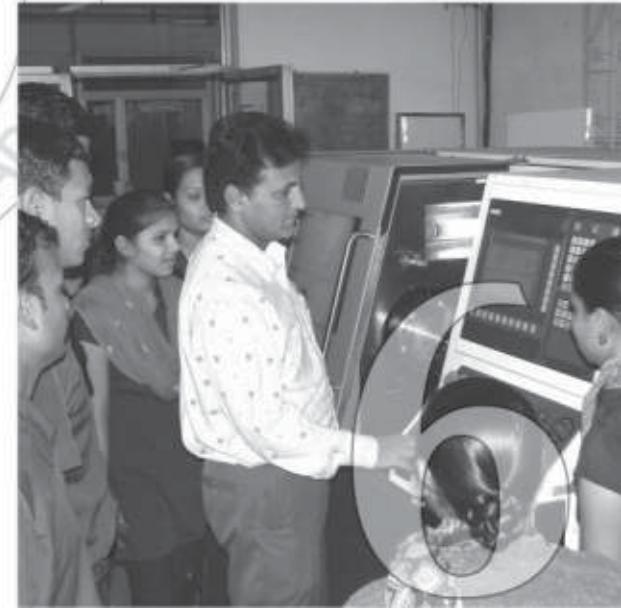
b) **Chemistry :** Nature and composition of matter, Structure of atoms, Chemical bonding, Periodic Classification of elements, Chemical reactions, Non-metals, Compounds, Metals Carbon and its compounds, Nuclear reaction as a source of energy.

III) **GENERAL ENGLISH :** Grammar, Spell check

IV) **GENERAL KNOWLEDGE :** National and International Current Affairs and General Knowledge.

V) **MECHANICAL ABILITY :** Logical Thinking, Aptitude Test

The general syllabus of the Entrance test is based on SSC syllabus of State Board.





Example of Questions

1. Krishna is 2 years younger than Rama, if Rama is m years old, how old was Krishna two years ago ?
(A) $m + 2$ (B) $m - 2$ (C) $m - 4$ (D) $m + 4$ (E) $2m - 2$

2. 17 is Atomic number of
(A) Carbon (B) Silicon (C) Chlorine (D) Fluorine

3. The unit power is
(A) K / Joule (B) Joule / K (C) Kilowatt (D) Watt

4. The Currency of Germany is
(A) Mark (B) Pound (C) Dollar (D) Yen (E) None of the above

The question paper of **Entrance Test** shall be of Objective Type and is for about **one hour**. The test shall also assess the aspirant's knowledge and skills in application of the studied subjects.

The Admission Committee of the Tool Room reserves the right to modify / change any norms as applicable.

GENERAL INFORMATION :

Original Certificates

Original certificates of School Leaving Certificate and mark sheet of 10th Standard are to be deposited with IGTR by the selected candidates at the time of admission, which will be returned after completion of the course only.

Caste Certificate

The candidate belonging to reserved category should obtain the valid certificate from concerned authority and produce at the time of admission.

Physically handicap (PH) Certificate

The candidate belonging to PH category should obtain the valid certificate from concerned authority and produce at the time of admission.

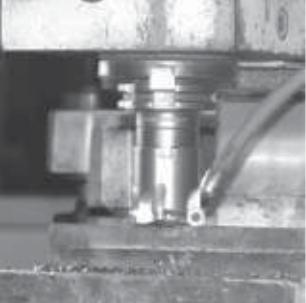
Medical Certificate

Certificate indicating the physical fitness of the candidate.

Institute Security Deposit

Institute Security Deposit is to be paid towards the caution money against the Tools & Instruments, etc. whichever will be issued to the Trainees. This amount is refundable at the time of leaving the course and on production of no dues from the concerned sections.





Working Hours

8 hours per day (excluding lunch), six days per week. The trainees are expected to work in shift as per the time table prepared by the training center.

Attendance

It is compulsory to attain 85% attendance for appearing Semester and final exams in all the training courses.

Uniform & Safety Shoes

Trainees shall be required to wear uniform & safety shoes at his own cost as prescribed by the Institute.

Hostel

Hostel facilities may be provided for outstation boys & girls subject to the availability of the accommodation at the discretion of the Institute.

Mess

Membership of mess is compulsory for all the inmates. The Mess charges for the entire semester have to be deposited in advance. A Mess Committee shall decide the Mess charges for every Semester.

HOLIDAYS AND LEAVES:

Holidays :

There are maximum of 17 holidays fixed by the Management during each calendar year.

Vacation :

There are maximum of 10 days vacation after completion of each semester. The period of vacation will be declared at the end of each semester. (There will be a variation in the duration of vacation)

11. COACHING FOR PREPARATION OF ENTRANCE EXAM

IGTR is proposing daily 4.00 hrs coaching class for preparation related to entrance exam from 10th July to 21st July 2017. The coaching for SC/ST/PH candidates will be free but other candidates will have to pay nominal charge of Rs. 1500/- (One thousand five hundred) The input will be given on mathematics, Science and English. Those interested in joining coaching classes may fill in form separately.

As per Govt. directives the tuition fees of eligible Candidate belonging to SC & ST Category will not be charged However all other charges are payable

This is valid till further orders from Ministry of MSME. Govt. of India.





12. COURSE OUTLINE - DIPLOMA COURSE

A modern curriculum developed with the help of German Experts, Industrialists and other professionals, which focuses on intensive practical exposure. The trainees are given ample opportunities for learning by doing. A sophisticated machine shop support by laboratories and classrooms equipped with audiovisual facilities enable the trainees to learn in a professional environment. A team of Engineers with experience in the relevant industry is making the training a unique experience. The trainees are exposed to real work situation by a series of carefully designed exercises and instructions.

The need for meeting the standards required by industry in manufacturing is consciously developed by the team of engineers. They help the trainees to find solutions in **manufacturing of Tools & Dies and their parts that are of industrial requirement**.

The curriculum is also designed to meet the requirements of the norms laid down for Technical Education in the country. A team of experts for further improvements is continuously revising the syllabus.

On completion of the above structured course of learning by doing, the trainees will be qualified to perform work assignments without further on the job training.

The trainees will have acquired special skills knowledge in Tool Die Technology, machining and application of softwares with the use of machines and manual skills. It is expected that the trainees will have developed the ability to co-operate, communicate, be self reliant and responsible to perform their tasks with commitment to quality, safety and environment.

13. COURSE OUTLINE - CERTIFICATE COURSE

A very modern practical oriented curriculum is developed with the help of German experts, Industrialist and other professionals, which focuses on intensive practical exposure. The trainees are given ample opportunities for learning by doing. A sophisticated machine shop supported by laboratories and classrooms equipped with audiovisual facilities enable the trainees to learn in a professional environment. A team of engineers with experience in the relevant industry is making the training a unique experience. The trainees are exposed to real work situation by a series of carefully designed exercises and instructions.

The need to fulfil standards required by industry in manufacturing is consciously developed by the team of engineers. They help the trainees to find solutions in **manufacturing of components that are of industrial quality**.

On completion of the above structured course of learning by doing, the trainees will be qualified to perform work assignments without further on the job training.

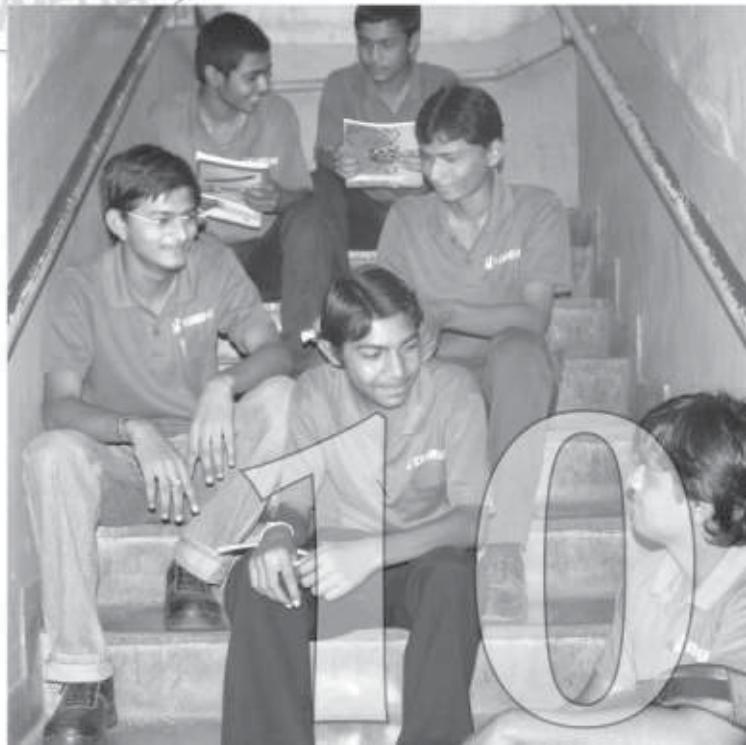
*The trainees will have acquired special skill to produce **Precision Engineering Components / Parts** by use of machines and manual skills. It is expected that the trainees will have developed the ability to co-operate, communicate, be self reliant and responsible to perform their tasks with commitment to quality, safety and environment.*





14. TRAINING METHODOLOGY

- 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

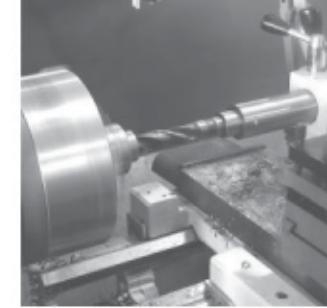


15. EVALUATION

A very comprehensive system of evaluation exists to monitor the progress of the trainee. The trainees are regularly evaluated through a series of assignments, tests & practical exercises etc. The required counseling is given to those who have learning difficulties.

The guidelines of evaluation will be implemented prevailing at the time of admission and approved by competent authority.

IGTR reserves the right to change and implement evaluation strategy time to time after obtaining approval from competent authority.



16. DISCIPLINE AND PERFORMANCE

The trainee is bound by the Rules and Regulations of the IGTR as laid down by the Management from time to time. The trainee is required to strictly abide by the rules of the IGTR failing which disciplinary action may be taken against him / her. The trainee and his / her guardian will have to give an undertaking to this effect.

Wherever it is found necessary, IGTR will take strict disciplinary action as stipulated in the Rules of the IGTR. This may amount to a warning, suspension or termination as the case warrants. In case of unsatisfactory progress of a trainee, the Management will fix a period of probation and give notice in writing to the trainee and the guardian. In case no improvement is evident within the specific period, the trainee ship will be terminated.

- 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.
- Original Certificate will be held to institute for 3 month.

17. GENERAL CONDITIONS

- 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.





CONDENSED COURSE IN TOOL & DIE MAKING (NSQF compliance)

GENERAL INFORMATION

CONDENSED COURSE IN TOOL & DIE MAKING (NSQF compliance)

(Duration: 1 year)

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.

FOR WHOM :

Young students who have passed Secondary School Certificate examination (SSC) aspiring to be young entrepreneur in the area of Tool & Die making

ELIGIBILITY :

The candidate must have passed Secondary School Certificate (SSC) examination with English

REGISTRATION IN COURSE :

Candidate should collect registration form from Indo German Tool Room Ahmedabad or download from our website. The duly filled in form should reach at least one week before the commencement of the course. A separate registration form is to be sent for each Participants. two batch per year.

INTAKE : 60 / Batch

Nos .of Batch : 2 / Year (First come first serve)

DATE OF COMMENCEMENT : Aug & Feb every year

COURSE FEES :

Course fee is as applicable and shall be remitted in advance through crossed demand draft in the favour of Indo German Tool Room payable at Ahmedabad.

CERTIFICATION :

Indo German Tool Room will award a certificate of "Condensed Course In Tool & Die Making (nsqf Compliance)" to the participants on successful completion of the course.

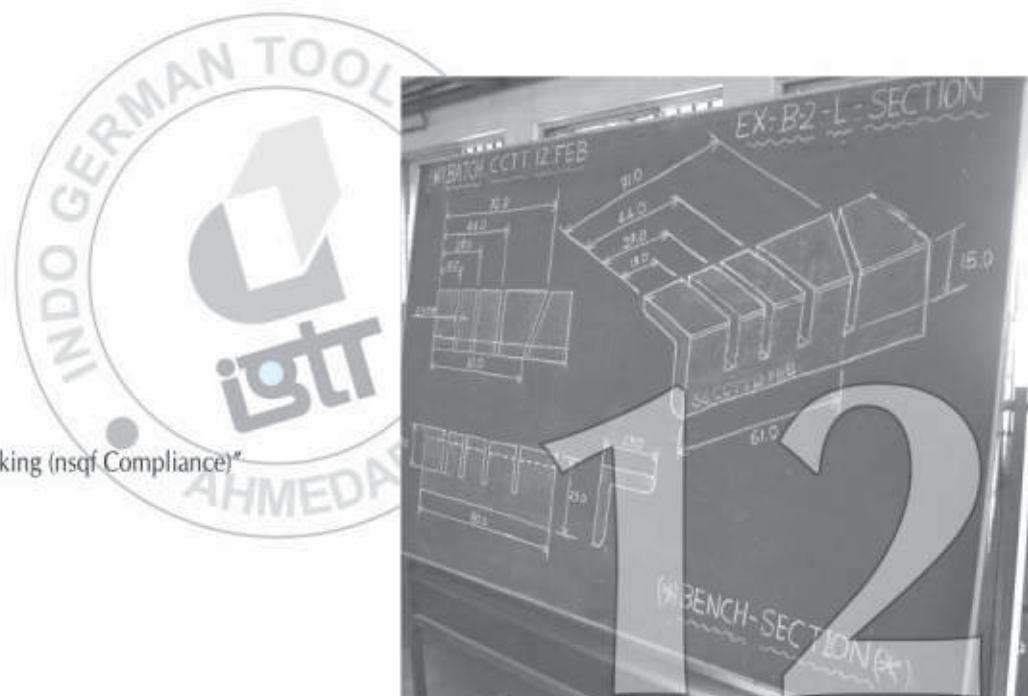
HOSTEL :

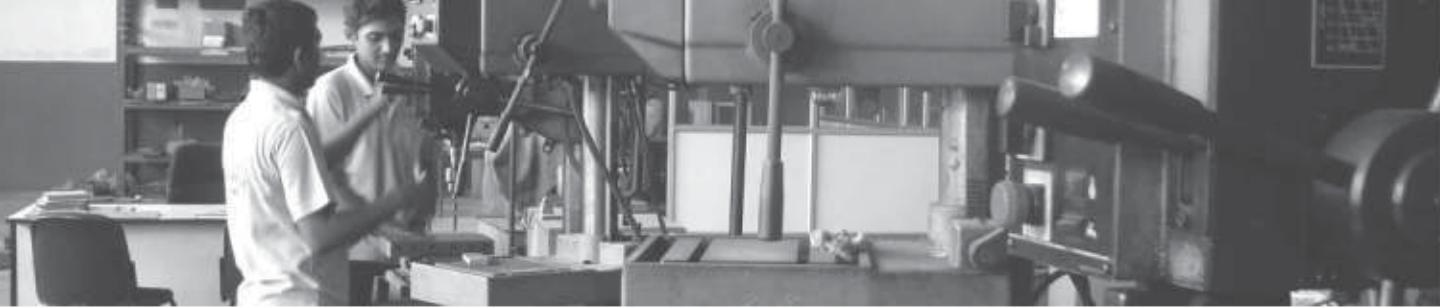
Limited hostel facilities are available on sharing basis as applicable from time to time on prevailing rates.

TRAINING FACILITIES

The training programme are conducted in the self-contained training facilities

- Classrooms are equipped with modern audio visual aids.
- The center has a team of highly qualified and motivated trainers who are subjected to continuous up gradation of knowledge with Didactic and pedagogical skills by German Experts.
- Laboratories are equipped with facilities for testing material properties, measurement, hydraulics and pneumatics etc.
- Workshop is equipped with metal working machines such as center lathe, Milling machines, Grinding Machines etc.
- Special facilities are available for training in technologies like CNC Lathe, CNC Milling.
- State of the art facilities are available for Training in CNC & CAD/CAM/CAE.





SYLLABUS FOR CONDENSED COURSE IN TOOL & DIE MAKING

Eligibility Of Qualification :

The Candidate must have passed 10th class examination with Science, Maths & English from Gujarat Secondary Examination Board or its equivalent.

DURATION OF TRAINING : 1 Years

INTAKE CAPACITY : 60 + 20 % supernumerary

TEACHING SCHEME FOR SEMESTER.

SEMESTER - 1	Learning Hours
Production technology	125
Auto CAD	81
Part Programming	61
Master Cam	81
Press Tool Design	125
CNC Technology	125
Engineering Drawing	78
Material Technology	39
Metrology	26
Press Tool Theory	39
TOTAL	780

SEMESTER - 2	Learning Hours
Press Tool Design	180
Mould Manufacturing	180
Modern Manufacturing Technology	554
Jigs and Fixture	36
Mould Theory	54
Communicative English	18
Industrial Management	18
Inplant Training & Project Work	240
TOTAL	780

13





ANNEXURE - 1

FEE STRUCTURE FOR DIPLOMA & CERTIFICATE COURSES (Refer Prospectus topic 7&8)

DESCRIPTION	COURSE NAME		REMARKS
	DIPLOMA Rs.	CERTIFICATE Rs.	
Tuition fees	22000	16000	Per semester payable at the beginning of the semester
Registration fees	1500	1500	At the time of admission
Personal Accident Premium per annum. Or actual rates prevailing at the time of admission	250	250	per year
Identity Card & Punching Card	200	200	At the time of admission / replacement
Library fees	500	500	per semester
Placement service	600	600	At the time of admission
Examination fees	600	600	Per semester
Caution deposit	2000	2000	Refundable. Original receipt is to be produced while claiming for this refund.
Administrative Charges	2000	2000	per semester

Payment should be made by the way of DD in favour of "Indo-German Tool Room, Ahmedabad" and payable at Ahmedabad only. This should be brought at the time of Admission.

The examination fees for the final examination shall be applicable as decided by the regulatory bodies.

The trainees appearing for supplementary examination will be charged separate Supplementary examination fees @ Rs.350 per subject.

HOSTEL

1. Deposit	Rs. 1000	Refundable. Original receipt is to be produced while claiming for this refund.
2. Establishment Charges	Rs. 1200	Per month payable per semester. DTM Course - Rs. 7200 Rs. 750 CMT Course - Rs. 4500 payable at the time of joining

The fees mentioned above are applicable for academic year 2017 -18 . Any changes in the fees for the coming years will be applicable from time to time.

It is compulsory to use mess facility in the campus for hostellite trainees, Payment per semester is to be made in advance

It is necessary that the fees must be paid within 10 days from the date of commencement of the semester. A time frame as decided by the Management will be applicable for all the late payments of fees with fine. Fees once paid will not be refunded except the refundable amount mentioned specifically.

Rs 5000/- payable by DD/Cash at the time of admission (Non refundable) Failing to pay the above fees in time will lead to cancellation of admission and seat will be offered to next wait listed candidate.

ADMISSION SCHEDULE FOR CERTIFICATE COURSE

DATE	TIME	TYPE OF TEST
23.07.2017	11.00 am	Entrance Test
25.07.2017	10.00 am onwards	Interview / Counseling

ADMISSION SCHEDULE FOR DIPLOMA COURSE

DATE	TIME	TYPE OF TEST
23.07.2017	9.00 am	Entrance Test
25.07.2017	10.00 am onwards	Interview / Counseling

Commencement of Courses: First /Second week of August every year

Note : Result of admission test can be seen on our website. www.igtrahd.com or in person at IGTR campus on the date of interview. You can have result SMS on your mobile if no. is written on form.

[As per Govt. directives the tuition fees of eligible Candidate belonging to SC & ST Category will not be charged . However all other charges are payable]





INDO GERMAN TOOL ROOM, AHMEDABAD

Award Winner of "Excellent Training Institute in SMEs in India - 2017" by CMAI



Calendar of Training Programmes

COURSES

INTAKE	DURATION	HRS/DAY	TOTAL TUITION FEES (RS)	FREQUENCY
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SCHEDULE
COURSE BEGINNING FROM

ELIGIBILITY CRITERIA

I LONG TERM COURSES (LTC)

1	DIPLOMA IN TOOL & DIE MAKING (DTM) (AICTE approved)	60	4 Years	8	1,76,000	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)	60	2+1 Years	8	64,000	1		
3	DIPLOMA IN TOOL & DIE ENGINEERING (DTE)	50	3 Years	8	1,80,000	1	August Every Year	10th Pass with English Subject
4	CONDENSED COURSE IN TOOL & DIE MAKING (CCTDM)	50	1 Year	8	66,000	2	August & February Every Year	10th Pass
5	POST GRADUATE DIPLOMA IN TOOL DESIGN & CAD/CAM (PGTDCC)	50	1½ Years	8	1,00,000	2	August & February Every Year	Degree in Mechanical / Automobile / Plastic Engineering / Production Engineering
6	POST DIPLOMA IN TOOL DESIGN & CAD/CAM (PDTDCC)	50	1 Year	8	60,000	2	August & February Every Year	Degree / Diploma in Mechanical / Production / Plastic Engineering / Tool & Die Making
7	POST DIPLOMA IN CNC MACHINE MAINTENANCE (PDCMM)	50	1 Year	8	60,000	1	October Every Year	Degree / Diploma in Mechanical / Production / Electrical / Mechatronics Engineering
8	POST DIPLOMA IN CAD/CAM (PDCC)	50	1 Year	8	60,000	1	September Every Year	Degree / Diploma in Mechanical / Automobile / Production / Tool & Die Making
9	POST DIPLOMA IN MECHATRONICS (PDIM)	30	1 Year	8	70,000	2	August & February Every Year	Degree/Diploma in Mechanical/Production/Electronics/Electrical/
10	POST DIPLOMA IN INDUSTRIAL AUTOMATION & ROBOTICS (PDIAR)	30	1 Year	8	70,000	2	August & February Every Year	Instrumentation Engineering or Equivalent

II MEDIUM TERM COURSES (MTC)

1	MASTER CERTIFICATE COURSE IN CAD CAM (MCCC)	25	6 Months	6	40,000	2	August & February Every Year	Diploma in Mechanical Engineering or equivalent
2	MASTER CERTIFICATE COURSE IN CNC TECHNOLOGY (MCCT)	25	6 Months	6	40,000	2	August & February Every Year	Diploma in Mechanical Engineering or equivalent
3	MASTER CERTIFICATE COURSE IN MECHATRONICS (MCCM)	25	6 Months	8	40,000	2	August & February Every Year	Degree/Diploma in Mechanical/Production/Electronics/Electrical/ Instrumentation Engineering or Equivalent
4	MASTER CERTIFICATE COURSE IN AUTOMATION & PROCESS CONTROL (MCAPC)	25	6 Months	8	36,000	2	August & February Every Year	Degree in Electronics/Electrical/Instrumentation Engineering
5	ADVANCE DIPLOMA IN COMPUTER HARDWARE & NETWORK MANAGEMENT (ADCHNM)	25	6 Months	4	25,000	2	August & February Every Year	Any Graduate / Diploma or Degree in Any Branch (3days/week)
6	3D ANIMATION & SPECIAL EFFECTS (3DASE)	25	6 Months	6	60,000	4	Every alternate 3 Months	10th Pass
7	CERTIFICATE COURSE IN CNC MILLING (CCCM)	25	6 Months	8	18,000	2	August & February Every Year	SSC Passed or Equivalent
8	CERTIFICATE COURSE IN CNC TURNING (CCCT)	25	6 Months	8	18,000	2	August & February Every Year	SSC Passed or Equivalent
9	ANIMATION & MULTIMEDIA TECHNOLOGY (AMMT)	25	6 Months	8	60,000	2	August & February Every Year	12th Pass

III SHORT TERM COURSES (STC)

1	CNC MACHINIST (CNC OPERATOR) (CCM)	25	4 Months	6	24,000	6	Every month	I.T.I. in Turner / Machinist or M/c Operator (Lathe, Milling with 3-4 years experience)
2	GRAPHIC AND WEB DESIGNING (GWD)	30	3 Months	6	30,000	4	Every alternate 3 Months	12th Pass / ITI / Diploma
3	CAD	CERTIFICATE IN AUTO CAD	10	4 Weeks	6	5,000	6	H.S.C. (Vocational) / I.T.I. Diploma / Degree in Engineering (Pursuing / Completed) Every 1st & 3rd Monday of Month.
4		CREO (MODELING & DRAFTING)	10	3 Weeks	6	13,000	3	
5		SOLID WORKS	10	3 Weeks	6	13,000	6	
6		CATIA	10	4 Weeks	6	15,000	1	
7	CAD/CAM	DEL CAM	10	5 Weeks	6	13,000	2	
8		MASTER CAM (MODELING & MACHINING)	10	5 Weeks	6	13,000	2	
9		NX (MODELING & DRAFTING)	10	3 Weeks	6	13,000	3	
10		NX (MACHINING)	10	2 Weeks	6	11,000	3	
11	CAE	ANSYS	05	4 Weeks	6	19,000	1	
12		HYPERMESH	10	4 Weeks	6	26,000	1	
13	CIVIL	REVIT ARCHITECTURE	10	3 Weeks	6	12,000	2	Diploma / Degree in Civil Engineering (Pursuing / Completed)
14	CNC	CNC PROGRAMMING-LATHE	10	3 Weeks	6	12,000	2	Every 2nd & 4th Monday of Month
15		CNC MACHINING-LATHE	10	3 Weeks	6	12,000	2	
16		CNC PROGRAMMING-MILLING	10	3 Weeks	6	12,000	2	
17		CNC MACHINING-MILLING	10	3 Weeks	6	12,000	2	
18		PROGRAMMING & OPERATION OF CNC MILLING	10	2 Weeks	6	7,500	2	
19		PROGRAMMING & OPERATION OF CNC TURNING	10	2 Weeks	6	7,500	2	

IV SUB CENTRE : IGTR - MSME - DI CAD/CAM TRAINING CENTRE, ASHRAM ROAD, AHMEDABAD

COURSES

	INTAKE	DURATION	HRS/DAY	TOTAL TUITION FEES (RS)	FREQUENCY	SCHEDULE COURSE BEGINNING FROM	ELIGIBILITY / CRITERIA
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V IGTR - RAJKOT

1	CNC MACHINIST (CNC OPERATOR) (CCM)	25	4 Months	6	24,000	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 GRADUATE DIPLOMA IN TOOL DESIGN & CAD/CAM (PGTDCC)	50	1 ^{1/2} Years	8	1,00,000	1	August Every Year	Degree in Mechanical / Automobile / Plastic Engineering / Production Engineering
3	POST DIPLOMA IN TOOL DESIGN & CAD/CAM (PDTDCC)	50	1 Year	8	60,000	2	August & February Every Year	Degree /Diploma in Mechanical / Automobile / Plastic Engineering / Tool & Die Making
4	POST DIPLOMA IN CAD/CAM (PDCC)	50	1 Year	8	60,000	1	September Every Year	Degree /Diploma in Mechanical / Production / Plastic Engineering / Tool & Die Making
5	CONDESED COURSE IN TOOL & DIE MAKING (CCTDM)	50	1 Year	8	66,000	2	August & February Every Year	10th Pass
6	STC PROGRAME IN SR. NO. III (FROM 3 TO 14)							

VI Courses Offered For Advance Repair & Industrial Skills Enhancement With Samsung India Electronics Pvt. Ltd.

1	ROOM AIR CONDITIONER & HOME APPLIANCES (RACHA)	25	4 Months	6	20,000	12	Every Month	H.S.C./I.T.I. / Diploma / Degree in Engineering
2	HAND HELD PRODUCT (HHP)	25	3 Months	6	15,000	12	Every Month	
3	AUDIO VIDEO (AV)	25	3 Months	6	15,000	12	Every Month	
4	AIR CONDITIONER INSTALLATION	25	2 Weeks	6	3,000	12	Every Month	

VII Sponsored Programmes For Socially Disadvantageous Section

1	SPONSORED BY GOVT. OF GUJARAT (DEPT. OF TRIBAL DEVELOPMENT) (Various courses)					On Advertisement	As Prescribed by Sponsoring Agency
2	SPONSORED BY GOVT. OF GUJARAT (DEPT. OF Social Justice & Empowerment) (Various courses)					On Advertisement	As Prescribed by Sponsoring Agency
3	SPONSORED BY DEVELOPMENT OF NORTH EASTERN REGION (DONER), GOVT. OF INDIA (ALL PROGRAMS) (Various courses)					On Advertisement	Admission through respective State Govt. Directorate of Employment & Training Contact Directorate of IGTR.
4	Entrepreneurship skill deploement programmes (ESDP) sponsored by ministry of MSME					On Advertisement	

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



MSME TOOL ROOM, AHMEDABAD INDO GERMAN TOOL ROOM, AHMEDABAD

Plot No. : 5003, Phase - IV, G.I.D.C. Mehmedabad Road,
Vatva, Ahmedabad - 382445. (Gujarat) INDIA.
Phone : +91-79-25841960 / 0961 / 0964 Fax : +91-79-25841962



Email : training@igtrahd.com
www.igtrahd.com

SUB CENTRES :-

IGTR MSME - DI / CAD / CAM TRAINING CENTRE

Cellar, Harsiddh Chambers, Nr. Income Tax Cricle, Ashram Road,
Ahmedabad-380014. Phone : +91-79-27542032

IGTR RAJKOT CENTRE

4th Floor, Amruta Estate, Annexy Building II, Nr. Grinar Cinema,
M.G. Road Rajkot - 380001. Phone : +91-281-2450512

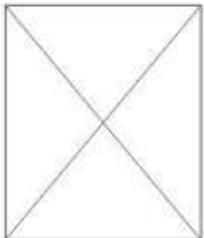
CONTACT FOR ADMISSION :

Admission 90990 41986

Counselor : 079 25840964

Email : info@igtrahd.com

Documents Required for Admission : 1. SSC (10th) Mark sheet 2. School Leaving / Transfer Certificate 3. Eligibility Certificate / Mark sheet
4. Caste Certificate (if applicable) 5. Aadhar Card 6. Two(2) colour Pasport size photographs 7. Registration fees.



MSME - TOOL ROOM
INDO GERMAN TOOL ROOM
Ahmedabad



Application Form for Entrance Exam Coaching Class

Name of Applicant : _____

Application No. : _____

Name of Course : _____

CASTE : SC ST PH OTHERS

COACHING FOR : DTM CMT BOTH

AADHAR NO :

Address : _____

TEL. & CODE NO. : _____

NOTE : Only coaching is provided free of cost for SC/ST/PH candidates. Lodging & boarding if required, it will be on availability and on chargeable basis. Contact Administration Department.

E. A. : Attested photo copy of caste / PH Certificates / Aadhar Card.

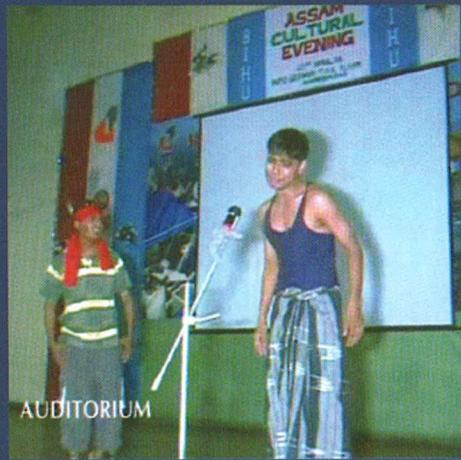
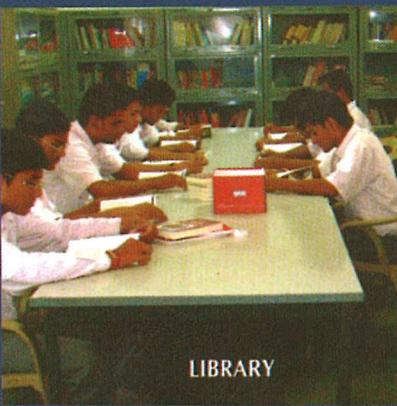
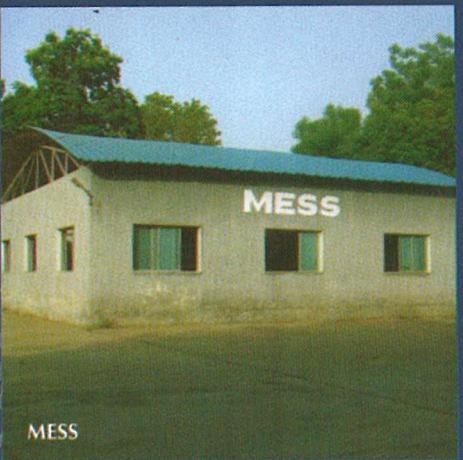
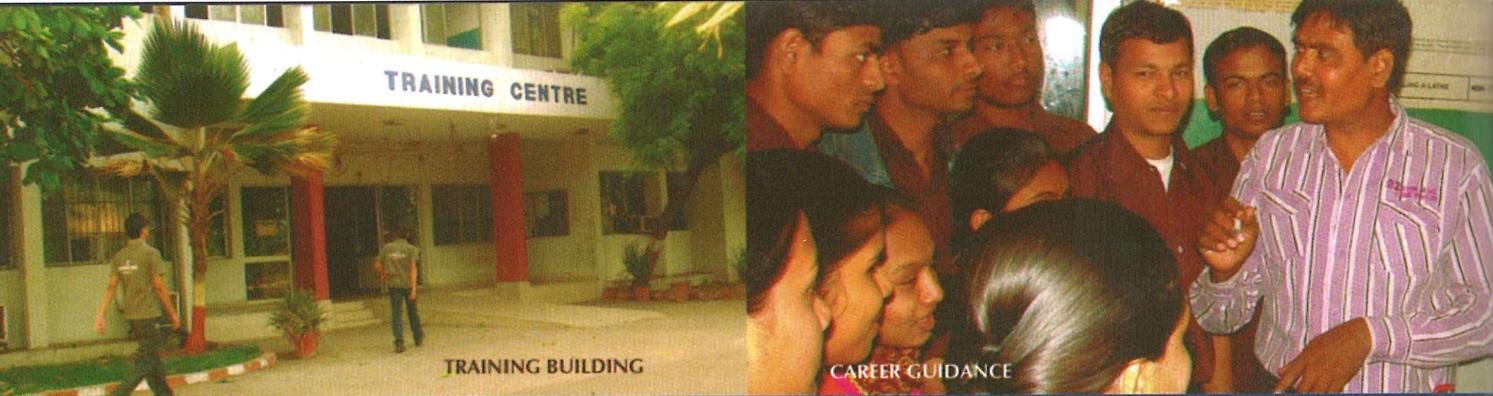


Our Trainees productively work with



HITACHI





INDO GERMAN TOOL ROOM

Plot No.: 5003, Phase: IV, GIDC, Mehmedabad Road, Vatva, Ahmedabad - 382445. (Gujarat) INDIA.

Phone : +91 - 79 - 2584 1960 / 0961 / 0964 Fax : +91 - 79-25841962

E-mail : training@igtrahd.com web site : www.igtrahd.com

SUB CENTRES :

IGTR - MSME-DI CAD/CAM TRAINING CENTRE

Celler, Harsiddh Chambers, Nr. Income Tax Circle, Ashram Road, Ahmedabad - 380 014

SUB CENTRES AT RAJKOT :

IGTR - RAJKOT

Annexy Building, 4th Floor, Amruta Estate Near Girnar Cinema, M.G. Road Rajkot
Phone : (0281)25450512/ 9825911080. E-mail: rjktogtr@gmail.com

