



PROSPECTUS FOR POST DIPLOMA IN TOOL DESIGN 2021

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**Central Institute of Tool Design
Balanagar, Hyderabad, PIN-500037**

ABOUT

Central Institute of Tool Design (CITD) an ISO 9001:2015, 14001:2004, 29990:2010 & 50001:2011 certified premier technical training institution of India, established in 1968; provides specialised training courses in Tool Design & Manufacturing, CAD, CAM, CAE, VLSI, Embedded Systems, Electronics, Mechatronics and Robotics at various levels such as Certificate, Diploma, Post Diploma, Post Graduate, M.E. and M.Tech.

The Institute was established in the year 1968 by Government of India with the assistance of UNDP and ILO as an executing agency. It was converted into a Government of India Society in 1970 under the administrative control of the Ministry of MSME. The Development Commissioner: Ministry of MSME is the ex-officio Chairman of the Governing Council. The Principal Director is the Chief Executive Officer of the Institute.

AIMS & OBJECTIVES

a) Training of the technical personnel in design and manufacture of Jigs & Fixture, Dies & Moulds, Press Tools, CAD/CAM, CAE, VLSI & Embedded Systems, Mechatronics & Robotics.

b) Provision of advisory, consultancy and common service facility & service to small scale units including assistance in the design and development of tools for various processes, Calibration of Mechanical Measuring Instruments.

c) Recommending measures to standardize tools and tooling elements, components of Jigs & Fixtures, Dies & Moulds, Press Tools and other tools.

d) Production of Jigs & Fixtures, Press Tools, Dies & Moulds, Gauges and Special Cutting Tools subject to the condition that job works undertaken by the Institute should suit to the needs of the training.

The Institute has a well equipped Tool Room with sophisticated CNC machines like CNC EDM, CNC Wire Cut EDM 4-Axis & 5-Axis High Speed Machining Centres, and 3D Coordinate Measuring Machine with Scanning & Digitization facilities. The Institute is equipped with latest version of EMCO Table Top CNC Turning and Milling machines with

closed loop system to impart training in CNC Programming.

The Calibration laboratory is set up in CITD with Universal Horizontal Microscope ULM OPAL600 Carl Zeiss Technology, Germany and Slip Gauge Measuring Unit 826 with Millitron 1240, Mahr, Germany to Calibrate Limit Gauges, Micrometers, Dial Indicators, etc.

The CAD/CAM Centre is equipped with latest configuration workstations and softwares like AutoCAD, Pro-E, CATIA, ANSYS, Hypermesh, Unigraphics, Master CAM, Del CAM, Nastran & Patron, ABACUS, LS-DYNA, Q-FORM, SOLIDCAST, etc.

The Institute is also equipped with an Automation Centre with Programmable Logic Control Systems, Hydraulic, Pneumatic and Electronic Controls with Simulators.

CITD has a Library with a collection of technical books in Tool & other Engineering fields and subscribes to various International journals like CIRP Annals, American Machinist, Journal of Engineering Materials & Technology (ASME), Precision Engineering (JAPAN) and Precision Tool Maker, etc. The documentation centre collects and organizes information and data useful for the technological advancement in Tool Engineering. For the dissemination of information, the centre also provides technical enquiry service.

POST DIPLOMA COURSE

Post Diploma in Tool Design (PDTD) (Approved by AICTE)

**Prescribed Fee ₹700/- for general and
₹350/- for SC/ST category candidates.**

| | |
|---------------------------|---|
| Duration | 1 year (2 Semesters) |
| Age | 27 years. Relaxation up to 5 years for SC/ST candidates. |
| No. of Seats | 60 |
| Mode of Selection | Through Entrance Examination |
| Eligibility for Admission | Diploma in Mechanical Engineering or Equivalent. |
| Course Fee | Self-sponsored Rs. 25,000/- per Semester, Industry sponsored Rs. 35,000/- per Semester. |

MODE OF APPLICATION

For detailed instruction please refer the notification sheet or online application QR code.

MODE OF PAYMENT FOR APPLICATION COST

By way of Demand Draft drawn in favour of Principal Director, CITD, Hyderabad

or

By Online at **www.citdindia.org** by selecting PAY ONLINE → SBI Payment Gateway → Click the Check Box → Proceed → Select → State of Corporate/Institution → All India Select Type of Corporate or Institution Select → Educational Institutions Select Educational Institutions Name Central Institute of Tool Design Select Payment Category → Select Application Fee → Select Training Center Location → Select Hyderabad Select Long Term Course → Select PDTD → Fill relevant details & click submit.

RESERVATION

Reservation exists as per Govt. of India Rules. Age Relaxation for SC/ST category candidates exist as per Govt. of India Rules.

DETAILS OF FEES & PAYMENT

| S. No. | Item/Fees | Amount |
|--------|-------------------------|-------------|
| 1 | Registration Fee | ₹1, 200/- |
| 2 | Course Fee Per Semester | ₹ 25, 000/- |
| 3 | Caution Deposit | ₹5, 000/- |

Course fee of every semester from 2nd semester onwards should be paid within 30 working days from the date of commencement of semester.

COUNSELLING

Intimation of Date of Counseling

The date of counselling will be intimated to the qualifying candidates through SMS/E Mail and notification through our website.

Documents to Be Handed Over At the Time of Counselling for Admission

a) Original certificates of qualifying examination, i.e., SSC/Matric/Diploma. The original certificates will not be given back to the trainees under any circumstance till they complete the scheduled training period at this Institute.

b) Certificate of Physical fitness from any Assistant Civil Surgeon. The Institute reserves the right to send the candidate for further Medical examination, if necessary.

c) The trainee should give an undertaking for good conduct and behavior and to abide the rules & regulations as prescribed by the Institute.

These original certificates once submitted will be returned back to the trainees after 15 to 30 days Therefore, candidates are advised to take sufficient number of photo copies to keep with them before submitting the originals to CITD at the time of counselling.

POST ADMISSION

INFORMATION & GUIDELINES

1. Medium of instruction – English
2. Working hours 09:30 a.m. to 05:15 p.m. with Sunday as weekly holiday. (Weekly holidays & working hours are liable to change.)
3. Student shall be allowed to appear for the end examinations, if he/she possesses **minimum 85%** attendance only.

GENERAL TERMS AND

CONDITIONS TO BE

FOLLOWED DURING TRAINING:

a. Hostel: Limited hostel facility is available. The students will have to pay hostel rent in advance as per rules and regulations of the hostel.

b. No traveling allowance or any other allowance will be paid for attending counseling/ Joining the course or on termination thereof.

c. Final year trainees are exposed to campus interviews, by intending industries. They can appear for interviews and get absorbed. However, the Institute does not guarantee any employment or absorption.

d. The trainees shall not cause any damage or loss to the property of the Institute, failing which they are liable to bear the loss.

e. Any information given in the application by the candidate, if found incorrect after selection, the trainee is liable for such punishment as may be deemed fit including his/her disqualification and / or dismissed from training course.

f. The trainees are expected to complete the assignments as per schedule of training programs.

g. The trainees will have to strictly undergo the training as per the schedule and instructions and comply with all the rules of discipline as may be in force from time to time. Copying in examination and malpractice during the exams will be viewed seriously.

j. The trainees are not permitted to join part-time / evening courses of study conducted by any other University / Institute.

k. The trainees are expected to maintain utmost discipline and good manners inside and outside the campus and not get involved in activities which cause blemish to the good image of the institute.

l. The trainees have to follow the rules and regulations pertaining to any department of the Institute.

m. The Institute reserves the right to fill – up any vacant seat from among the candidates present at the time of counseling as per the merit, subject to payment of requisite fee applicable to self sponsored.

n. No request for extension of time for submission of proof of pass or submission of original and the trainees have to abide by these rules.

o. The Institute reserves the right to alter, vary change and / or modify the rules governing the admissions, or any other procedure from time to time depending upon exigencies of training

and the trainees have to abide by these rules.

p. The trainees have to follow the rules and regulations made by the institute pertaining to any department, examination, hostel, discipline etc.

q. The Institute reserves the right to terminate the trainee at any time at its discretion for misconduct/indiscipline/irregular attendance, breach of rules etc. In such an event, the course fee paid by the candidates shall not be refunded.

r. The Institute shall take all precautionary measures with regard to safety. However, the trainees should decide to join the course at their own free will and at their own risk. In case of any injury or any disablement (temporary/permanent) suffered by the trainees during the course due to any accident or otherwise, the Institute shall not be liable to pay any compensation whatsoever. The trainees shall indemnify the Institute in this account.

s. Trainees shall arrange at their cost, all stationary, drawing and other instruments and books prescribed for the course.

t. Ragging of any kind will be viewed seriously and offenders shall be liable to be prosecuted under the law. Their training will be terminated, and the fee paid by them shall be forfeited.

They will not be allowed to rejoin the semesters/course afresh.

u. The trainees should give an undertaking to abide by the rules & regulations of the training.

v. All matters concerning the admissions and conducting the course shall be subject to Hyderabad jurisdiction only.

The merit list of the candidates will be displayed on the notice board at the Institute as well as on CITD Website www.citdindia.org. As per the list, all the interested candidates are required to be present on the counseling day as per the counseling dates along with all the original certificates & prescribed fees etc. **Fee once paid will not be refunded.**

COURSE CONTENT

Post Diploma in Tool Design (PDTD)

1. Design Practice
2. Metrology
3. Jigs & Fixtures
4. Press Tools
5. Material & Heat Treatment
6. Process Planning
7. Tool Room Practice
8. Gauges
9. Cutting Tools
10. Moulds for Plastics
11. Die Casting Dies
12. Forging Dies
13. Automation
14. CAD/CAM (Auto CAD & Master CAM)

IMPORTANT DATES

- ***Availability of applications: 28-07-2021 (Wednesday)***
- ***Last date for receipt of filled-in application: 27-08-2021 (Friday)***
- ***Date of Entrance exam (Tentative): 31-08-2021 (Tuesday)***
- ***Centre for Entrance Examination: CITD, Hyderabad***