

MSME TOOL ROOM – HYDERABAD
(CENTRAL INSTITUTE OF TOOL DESIGN)
BALANAGAR, HYDERABAD – 37

Notification No. CITD/Jan-24

04-01-2024

Central Institute of Tool Design, Balanagar, Hyderabad, an autonomous body under the Ministry of MSME, Govt. of India, looking for candidate to be engaged full time with fixed tenure (11 months) on contract basis purely on consolidate payment which will be renewed from time to time on performance review of the candidate and need of the institute for the following posts:

SI No	Vacancy Position	Qualification	Experience (years)
1	Marketing Engineer	Diploma/B.E/M.E (Mechanical) or equivalent	2-5
2	Mechatronics Engineer	Diploma/B.E/M.E (Mechanical/ECE/Electrical) or equivalent	1-3
3	Design Engineer	Diploma/B.E/M.E (Mechanical) or equivalent	1-3
4	Electrical Trainer/ Engineer	B.E/M.E (Electrical) or equivalent	1-3
5	CNC Maintenance Mechanical Engineer	Diploma/ B.E/M.E (Mechanical/ Electrical) or equivalent	2-3
6	CNC Maintenance Electrical Engineer	Diploma/ B.E/M.E (Electrical) or equivalent	2-3
7	Operators:- CNC lathe; CNC Cylindrical grinding; CNC EDM/Wire-Cut; CNC Milling; CNC 5axis; NC Surface grinding; Tool makers; Tool Fitters	I.T.I / Diploma or equivalent	1-8
8	CAD/CAM Faculty (Karimnagar Location)	B.E/M.E (Mechanical) or equivalent	1-10
9	VLSI & ESDM Faculty (Karimnagar Location)	B.E/M.E (ECE/ Electrical) or equivalent	

Note: Candidates who applied/appeared for interview with in 12 months may not be considered.

Candidates fulfilling the eligibility criteria may email their resume along with Self certified scanned copy of certificate / mentioning the post applied in subject line to [jobworks@citdindia.org/](mailto:jobworks@citdindia.org) Design@citdindia.org. CITD will scrutinies the resumes and will intimate the short listed candidates through email/phone call/ SMS attending interview

Sd/-

Principal Director

1) Marketing Engineer - Job Description

- Able to handle end to end Marketing activities.
- Liaisoning with PSU/Defense/Other Organizations to get orders.
- Able to do Work order estimation for Jobworks in coordination
- Should have knowledge on Mechanical Manufacturing process
- Able to visit local industries for Discussions about projects
- Able to coordinate with online tendering process for PSU's

2) Mechatronics Engineer - Job Description

- Designing, developing, and enhancing electro-mechanical systems and mechatronic devices.
- Good Hands on Experience in Pneumatic (Fluid sim), Electro pneumatic, PLC basic
- Practical experience in Automation of processing industries, tooling industries, General Engineering sectors
- Develop new electro-mechanical concepts for new product lines
- Design, develop, maintain and manage high technology engineering systems for the automation of industrial tasks.
- Apply mechatronic or automated solutions to the transfer of material, components or finished goods.
- Understands customer requirements and able to convert design
- Strong communication skills for interaction with various functions responsible for program
- Able to work independently in Design of tools and Tryout of same
- Proficient in Microsoft excel, Word.
- Interfacing knowledge various PLC & Embedded programmes with text files/ CAD interfacing files/ Excel files

3) DESGN ENGINEER - Job Description

- Hands on-experience in use of Advanced CAD/CAM/CAE, CNC Softwares for Tool Design like PTC-Creo, UG-NX, AutoCAD
- Practical experience in design of Plastic Injection Moulds, Die casting Dies and Press Tools & Jigs and Fixtures etc
- Press tools like compound Tools, Progress Tools, Deep Drawing Tools etc Design and manufacturing knowledge.
- Experience in generating CAD modeling of Mould Design modules, Sheet Metal Modules & 2D drawings, **Creo experience preferred.**
- Knowledge in GD&T and manufacturability and part cost.
- Understands requirements in customer and to apply design
- Assemble, prove out tool design & manufacturing knowledge
- Able to work independently in Design of tools and Tryout of same
- Strong communication skills for interaction with various functions responsible for program
- To Handle existing projects of R & D & Able to create conceptual design for tooling projects, automation projects

4) Electrical Trainer/ Engineer

- Understanding of training and development and relevant qualification systems
- Demonstrate in a workshop environment on a range of Electrical Engineering techniques including Electrical Maintenance and fault finding
- To monitor and track student progress in Electrical Engineering courses
- Designing, maintaining, implementing, or improving electrical instruments, facilities, components, equipment products, or systems for industrial, commercial, or domestic purposes.
- Excellent interpersonal, presentation and communication skills – verbal and written
- Good planning and organizational abilities

SI no: 5, 6, 7

CNC Maintenance Mechanical Engineer; CNC Maintenance Electrical Engineer; Operators:- CNC lathe; CNC Cylindrical grinding; CNC EDM/Wire-Cut; CNC Milling; CNC 5axis; NC Surface grinding; Tool makers; Tool Fitters

- Relevant Experience in work profile
- Able to operate/Handle Machines for jobworks
- Regular Preventive Maintenance of machines schedule
- Able to work independently with minimal supervision
- Strong communication skills for interaction with various functions responsible for tasks

8) CAD/CAM faculty

- Experience Teaching/Lab
- Sound knowledge on Design/Production applications
- Hands on-software's AutoCAD/Catia/UG/Ansys and Hypermesh
- Able to handle classes for Students & Projects

9) VLSI/ESDM faculty

- Experience Teaching/Lab
- Sound knowledge on Electronics applications
- Able to teach VLSI/Embedded-C/ Vivado/ Python/ FPGS & Arc
- Able to handle classes for Students & Projects