



MSME TOOL ROOM - HYDERABAD
(CENTRAL INSTITUTE OF TOOL DESIGN)
(A Government of India Society, Ministry of MSME)
Balanagar 'X' Roads, Hyderabad - 500 037 (TS) INDIA

WALK-IN INTERVIEW

CITD intends to engage suitable candidates in the following posts which are purely on consolidate payment and on contractual basis initially for a period of 11 months, which will be renewed from time to time on performance review of the candidate and need of the institute.

Sl. No.	Name of the Post
1	Mechatronics Engineer
2	Reverse Engineering Engineer (QA/QC)
3	CNC Router Trainer
4	Incubation Coordinator
5	PCB Trainer/Engineer
6	Electrical Trainer/ Engineer
7	Marketing Engineer
8	CNC Maintenance Mechanical Engineer
9	CNC Maintenance Electrical Engineer
10	Operators:- CNC lathe; CNC Cylindrical grinding; CNC EDM/ Wire - Cut; CNC Milling; CNC 5axis; NC Surface grinding; Tool makers; Tool Fitters.

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

The operators (Sl. No 10) Salary will be fixed as per minimum Wages Act, GoI as High skilled/ Skilled/ semiskilled personnel on contractual basis through an Outsourcing Manpower Agency.

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 as to reach **19/06/2023**. CITD will scrutinies the resumes and will intimate the short listed candidates through email/phone call/ SMS attending Wak-in interview.

Sd/-
PRINCIPAL DIRECTOR

(An ISO 9001:2015, ISO 14001:2015, ISO 50001:2011 certified Institution)

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

Notification No. CITD/June-23

06-06-2023

Central Institute of Tool Design, Balanagar, Hyderabad, an autonomous body under the Ministry of MSME, Govt. of India, looking for an 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	Mechatronics Engineer	B.E/M.E (Mechanical) or equivalent	2-5
2	Reverse Engineering Engineer (QA/QC)	B.E/M.E (Mechanical) or equivalent	1-3
3	CNC Router Trainer	B.E/M.E (Mechanical) or equivalent	1-3
4	Incubation Coordinator	B.E/M.E (Mechanical) or equivalent	3-8
5	PCB Trainer/Engineer	B.E/M.E (Electronics) or equivalent	1-3
6	Electrical Trainer/ Engineer	B.E/M.E (Electrical) or equivalent	1-3
7	Marketing Engineer	B.E/M.E (Mechanical) or equivalent with relevant experience	3-8
8	CNC Maintenance Mechanical Engineer	B.E/M.E (Mechanical/Electrical) or equivalent	2-3
9	CNC Maintenance Electrical Engineer	B.E/M.E (Electrical) or equivalent	2-3
10	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

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

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Sd/-

Principal Director (I/C)

1) 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

2) Reverse Engineering Engineer(OA/QC)

- Hands on-experience in use of Advanced CAD Softwares Technologies for product Design like PTC-Creo, UG-NX, AutoCAD
- Knowledge in GD&T and manufacturability and part cost.
- Reverse engineering of obtained scan data
- Able to Create as-built models from scan data
- Experience with 3D Scanners, probing systems and related software
- Understands requirements and how they apply to design
- Knowledge of 3D scanning, metrology and/or reverse engineering industries
- Strong communication skills for interaction with various functions responsible for program

3) CNC Router programmer/ Trainer - Job Description

- Experience in generating CAM Programming using software
- Hands on-experience on CNC wood Engraving Machine
- Reading and interpreting technical blueprints and design models
- Loading raw materials into the CNC machine
- Inputting the product design into the computer modeling software
- Choosing and loading the correct cutting tools for the job
- Adjusting machine settings to the desired product specifications

4) Incubation Coordinator:

The Incubator Coordinator will be completely responsible for leading the incubator operations. This would be inclusive of the following:

- A highly motivated individual looking to work for benefitting the semi-urban/rural livelihoods
- To act as a key mentor for graduates, academics and entrepreneurs in develop
- Work towards overall startup mobilisation and outreach.
- Ensure that the program support to reaches out to relevant ecosystem stakeholders
- Works with cross functional teams like design, manufacturing and run Incubation program
- Excellent skills in the entire Microsoft Office Suite (MS Word, Powerpoint, Excel etc.)
- Regularly interact and coordinate with internal and external stakeholders to ensure program performance

5) PCB Trainer/Engineer

- Provide technical guidance in developing new PCB designs
- Develop PCB layouts, perform component placements and determine wire routings.
- Verify existing designs and recommend improvements.
- Recommend new design concepts and validate the concept feasibility using circuit simulations
- Prepare design documentations, requirements specifications and PCB models.
- Create and manage PCB documentation including fabrication and assembly drawings, Gerber files
- Gather design requirements and provide PM with hourly estimates for the design
- Work with mechanical designers to come up with a mechanical board design
- Perform circuit design and schematic capture
- Coordinate and approve PCB layout
- Prepare BOM and fabrication documentation and follow revision control procedures

6) 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: 7, 8, 9 and 10;

Marketing Engineer; 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