

A. Metal Additive Manufacturing / 3D Printing Technician/Operator:

Job description:

1. Should have experience of working on 3D printers and has familiarity with metal additive manufacturing technologies.
2. Should have knowledge of different 3D slicing software.
3. Should have an idea about the repair and service 3D Printers.
4. Support development and delivery of Concept to CAD → CAE to CAM requirements of our clients.
5. Convert 2D drawings or conceptual sketches into 3D CAD model.
6. Prepare STL models for 3D printing and estimate the cost for printing using the proprietary tools provided.
7. Design and Print innovative functional products.
8. Manage the CAD/CAM/3D print workflow. Maintain and track the schedule and work performed in the additive manufacturing
9. Keep a clean, organized, and thoroughly maintained machine and workspace
10. Performs lower level periodic maintenance of the allocated machines
11. Follows standard work methods on assignments and requests guidance for any part making / modification conflicts or gaps
12. Maintain and promote a positive and safe work environment
13. Support execution to metrics and goals surrounding utilization, scrap reduction, and preventative maintenance and calibration
14. Must have computer skills, minimum Microsoft office.
15. Maintain a clean and orderly work area.
16. Strong interpersonal skills and effective communicator.
17. Able to follow both written and verbal instructions.
18. Any other duties as assigned from time to time

Qualifications and experience: A degree in Engineering with good understanding and knowledge in Additive Manufacturing/3D Printing. Minimum 1 year experience in this area is preferable. OR Diploma with at least 3 years of experience in Additive Manufacturing/3D printing.

Age limit :50 years. Admissible age relaxation for SC, ST, OBC and PH will be extended.

Emoluments : Consolidated salary of Rs.18,000/- per month with additional increment based on qualifications and experience.

General Conditions for positions above:

1. Duration :The positions are on contract and will be temporary for a period of ONE year and renewable annually for a maximum period of 5 years, based on satisfactory performance and at the discretion of the authorities of the Institute.
2. Selection Method :Interview for short listed candidates will be held at Indian Institute of Science Campus, Bangalore.
3. Applicants, who possess the minimum educational qualification as on the date of advertisement only need to apply.
4. Candidates would be expected to work on any of the three shifts including night shifts and holidays, except for the female candidates.
5. No accommodation will be available on the Institute campus.
6. Admissible age relaxation for SC, ST, OBC and PH will be extended.
7. Applicants who are desirous to be considered strictly on the aforesaid conditions may submit their Bio-data along with photocopies of Marks cards/Certificates, Caste Certificate in case of SC,ST,OBC (OBC certificate should be in the format prescribed for jobs under Govt. of India), Medical certificate in the prescribed format in case of Physically Handicapped issued by the Competent Medical Authority for the purpose of employment, to the ASSISTANT REGISTRAR, HUMAN RESOURCE UNIT, MAIN BUILDING, INDIAN INSTITUTE OF SCIENCE, BANGALORE – 560012, super-scribing on the envelope

'Application for the post of _____". The application should reach on or before 20th July 2021. Incomplete applications and are liable to be rejected. Also, qualified candidates should send their softcopy of the applications as PDF files to office.cpdm@iisc.ac.in with a cc to [karthickb@iisc.ac.in]karthickb@iisc.ac.in.