



ಮಾನವಸಂಪನ್ಮೂಲವಿಭಾಗ/मानव संसाधन अनुभाग/HUMAN RESOURCES SECTION
ಭಾರತೀಯವಿಜ್ಞಾನಸಂಸ್ಥೆ/भारतीय विज्ञान संस्थान/INDIAN INSTITUTE OF SCIENCE
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Advertisement No. R(HR)Temp-06(CPDM)/2022

**ENGAGEMENT OF FACILITY MANAGER FOR ADDITIVE MANUFACTURING/ 3D PRINTING (METAL AM)
AT COMMON ENGINEERING FACILITY CENTRE (CEFC) – 1**

Indian Institute of Science (IISc), Bangalore invites applications for the position of Facility Manager for Additive Manufacturing/3D Printing in the Common Engineering Facility Centre (CEFC). The details are as follows:

Sl. No.	Post	No. of Vacancies	Mandatory Qualification	Remuneration Per Month
1.	Facility Manager	01	A Doctoral degree in Engineering or Master's in Engineering with at least 6 years of experience or Bachelor's in engineering with at least 8 years of experience, hands-on familiarity with routine as well as sophisticated techniques at an advanced level in relevant areas of Additive manufacturing and Industry	Up to Rs.1,00,000/- p.m. * (consolidated)
Total Post		01		

* Exact amount will be decided based on qualification, skills and experience.

Preferred Skills: Hands on experience in Metal Additive Manufacturing industry.

Desirable: Engineering background with Mechanical Engineering, Metallurgy Engineering, Material Science

Job Description:

The Facility Manager-AM will have overall responsibility for the operation of the Metal AM facility and whose duties will include:

1. Ensuring that items of equipment and support infrastructure are maintained in good operating condition with high up-time through routine maintenance and liaison with suppliers and service providers.
2. Participating in collaborative research activities with faculty members and students.
3. Managing support staff involved in running facilities at the Centre.
4. Thorough understanding of all Process Technologies currently being used by 3D customers. These include:
 - a. Knowledge on Additive Manufacturing Design for AM, Metal AM –DFAM
 - b. Concept development to part build for various segments like Aerospace, Automotive, Tooling & Medical application
 - c. Good understanding of equipment needs to process post printed parts
 - d. Technical Knowledge of equipment hardware in vacuum technologies including those listed above.
 - e. Preferred Knowledge of the one or more points below:
 - i. Expertise in Engineering design of components & BOM study
 - ii. Knowledge in GD & T
 - iii. Prior experience in AM for Materials, at least over 3 years
 - iv. Understand Manufacturing Process Plan
 - v. Knowledge in various types of AM techniques, pros & cons
 - vi. Concept design & Topology optimization knowledge

- vii. Good understanding of assembly sequence & function
 - viii. Thoughts to simplify assembly or parts
 - ix. Multiple concept generation with DFAM approach & Part integration
 - x. Alternate material study & selection
 - xi. Basic idea about part orientation & support structure optimization for Rapid prototyping
 - xii. SW skills related to Additive Manufacturing
5. Any other duties as assigned from time to time.

Age Limit: The maximum age limit for eligibility to be in the 45 years of range as on the last date of submitting the application. Age relaxation as per GoI norms will be extended.

How to Apply

- a. Candidates who are desirous to be considered strictly on the aforesaid terms and conditions may send their duly filled applications mentioning in the subject line “**Application for the position of Facility Manager**” duly attaching a detailed CV, degree certificate(s), marks certificate(s) and optionally a sample portfolio, as a single PDF file attachment to **office.cpdm@iisc.ac.in** on or before **10.06.2022**. The format of application is given at enclosure of this notification. Applications received after the cut-off date will be rejected.
- b. The shortlisted candidates will be informed through e-mail about date & time of interview. Candidates are also advised to provide correct information in their online application.
- c. The electronic mode of interview (Zoom Call/ Microsoft Team) will be intimated to the candidates in advance. However, the candidates are advised to be prepared to give interview in all the medium mentioned here, and to appear in person, if so required.
- d. Candidates may please ensure that they are fulfilling all the requisite criteria, failing which their candidature is liable to be rejected/cancelled.

General Instructions

- a. The Candidate must possess the essential prescribed qualifications on or before the last date of submitting application.
- b. Engagement is purely temporary on contract basis for a period of one year and renewable based on the requirement of the Institute. Contract tenure will commence from the date of joining. The waitlist will be operational for one year. The number of positions may increase depending on the requirement.
- c. Qualifications other than one prescribed in this advertisement will not be accepted.
- d. Engagement on contract would be subject to medical fitness.
- e. Except the consolidated and fixed emoluments, no other benefits will be extended.
- f. The contract can be terminated at any time by giving one month’s notice, by either side.
- g. Candidature/contract of candidate(s) submitting false certificates or suppression/submission of incorrect information shall be liable for termination/disqualification/rejection at any stage.
- h. Candidates should send the applications via above mentioned email id only. No hardcopies will be accepted.
- i. Prescribed educational qualifications and experience are the minimum eligibilities required and mere fact that a candidate possesses the same shall not entitle him/her for being called for test/interview. The Institute reserves the right to restrict the no. of candidates admitted for interview to a reasonable number, based on qualifications and/or experience.
- j. Applications should be sent well in advance, without waiting till the last date.
- k. Call letters to attend interview will be sent only to the shortlisted candidates by mail. Candidates are required to check their registered e-mail ID frequently. No correspondence will be made with applicants who are not short-listed/not called for interview.
- l. The Institute reserves the right to reject any application without assigning any reason. The Institute also reserves the right to cancel the advertisement/ recruitment at any stage without assigning any reasons. No correspondence will be entertained in this regard.
- m. The Institute reserves the right to verify the antecedents or documents submitted by the candidate at any time during the service. In case it is found that the documents submitted by the candidate are not genuine, then his/her services shall be terminated, and disciplinary/criminal proceedings will be initiated.

- n. No accommodation will be provided on the Institute campus during the course of their stay.
- o. The candidates have to appear for interview during the selection process at their own cost.
- p. Only Indian nationals need apply.

Date: 20.05.2022

Registrar

