



ಮಾನವಸಂಪನ್ಮೂಲವಿಭಾಗ/ಮಾನವ ಸಂಸಾಧನ ಅನುಭಾಗ/HUMAN RESOURCES SECTION  
ಭಾರತೀಯವಿಜ್ಞಾನಸಂಸ್ಥೆ/भारतीय विज्ञान संस्थान/INDIAN INSTITUTE OF SCIENCE  
ಬೆಂಗಳೂರು/ಬೆಂಗಳೂರು/ BANGALORE - 560012  
ದೂರವಾಣಿ/ದೂರವಾಣಿ/ TELEPHONE : 2293 2231 / 2232 / 2941  
ಇ-ಮೇಲ್/E-mail/ईमेल : office.hr@iisc.ac.in

Advertisement No.R(HR)Temp/CPDM/2021-6

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

(a) Details of the Posts, Essential qualifications and Remuneration

SI No.	Post	No. of Vacancies	Mandatory Qualification	Remuneration Per Month
1.	Facility Manager	01	A Doctoral degree in Engineering or Masters in Engineering with at least 6 years of experience or Bachelors 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 4.0	Rs.1,00,000/- p.m (consolidated)
<b>Total Post</b>		<b>01</b>		

Note:

- Preferred Skills:** Hands on experience in Metal Additive Manufacturing industry.
- Desirable.** Engineering background with Mechanical Engineering, Metallurgy Engineering, Material Science
- 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 Gol norms will be extended.
- The Candidate must possess the essential prescribed qualifications as well as a valid registration with the concerned statutory authority (wherever applicable) on or before the last date of submitting application.
- Qualifications and experience other than one prescribed in this advertisement will not be accepted.
- Qualifications acquired from foreign university will also not be accepted.
- Job Description :**

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

- 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 Mfg 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:

- Expertise in Engineering design of components & BOM study

- Knowledge in GD & T

- Prior experience in AM for Materials, at least over 3 years

- Understand Manufacturing Process Plan

- Knowledge in various types of AM techniques, pros & cons

- Concept design & Topology optimization knowledge

- Good understanding of assembly sequence & function

- Thoughts to simplify assembly or parts

- Multiple concept generation with DFAM approach & Part integration

- Alternate material study & selection

- Basic idea about part orientation & support structure optimization for Rapid prototyping

- SW skills related to Additive Manufacturing

5. Any other duties as assigned from time to time.

## **B. How to Apply**

(a) Candidates need to send the filled-in application form (in pdf format) along with other relevant documents to the email address **office.cpdm@iisc.ac.in** from **03.09.2021** to **25.09.2021**. The format of application is given at enclosure of this notification. Applications received after the cut-off date will be rejected.

(b) The following relevant documents required to be sent (in .pdf format only) along with the filled-in application:

a. Educational qualification documents

b. Identity proof and Address Proof.

c. No Objection Certificate (NOC) from existing employer, if any (in case of Govt./PSU employees) and Experience certificate, if any, in pdf format only.

(c) 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.

- (d) 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
- (e) Candidates may please ensure that they are fulfilling all the requisite criteria prior to registering, failing which, their candidature is liable to be rejected/cancelled.

**C. General Instructions:**

- a. 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.
- b. Engagement on contract would be subject to medical fitness.
- c. The contract can be terminated at anytime by giving one month's notice, by either side.
- d. Candidature/contract of candidate(s) submitting false certificates or suppression/submission of incorrect information shall be liable for termination/disqualification/rejection at any stage.
- e. Only Indian nationals need apply.

**Date : 01.09.2021**

**Registrar**



12. Academic record starting with Matriculation: (please attach photocopies of degree certificates)

Degree	College / University / Institute	Year of Joining	Year of Leaving	Percentage of marks	Class / Division

13. Experience

Employer	Position held	Date of Joining	Date of Leaving	Pay with Scale of pay

14. Professional Training Received

Year	Nature of Training	Duration	Organization where training was provided

15. Details of Experience

Position	Nature of duties and achievements

16. I hereby declare that I have carefully read and understood the instructions and particulars supplied to me, and that all entries in this form as well as the attached sheets are true to the best of my knowledge and belief.

There are attached  sheets along with this form.

Date

Place

(Signature of Applicant)