

Applicants are required to appear for Walk-In/ Virtual Interview (request for Online interview with prior intimation to [hr@kiht.in](mailto:hr@kiht.in) before 13<sup>th</sup> July 2021 may be considered) for Interview on **15<sup>th</sup> July 2021 at 10.30 am** to the Office of KIHT, AMTZ Campus, Pragati Maidan, VM Steel Project SO, Visakhapatnam-530031, with certificates, pay-slips of previous three months, experience certificates and other documents.

### **Scientist – CoE Additive Manufacturing Project**

#### **Terms of Reference:**

- Define customer requirements and segregate methods to execute the material processing, additive and subtractive manufacturing projects
- Determining the most efficient operations based on product requirements
- Organize and manage manufacturing workflows and resources
- Evaluating manufacturing processes, resolve issues and delays in production, reduce costs and maximize quality. Mentor start-ups on optimising prototyping medical devices (Incubation management)
- Testing new and existing production procedures
- Undertake the assignments, which may be assigned from time to time.

#### **Eligibility:**

##### **1. Qualification:**

- B.Tech or M.Tech in Mechanical Engineering is preferable  
Or
- B.Tech / M.Tech in ECE / EEE / Medical Devices / Instrumentation / Advanced Manufacturing is considerable

##### **2. Experience:**

- Minimum 2 to 3 Years of experience as manufacturing / production / research / project engineer.
- Experience in Procurement and Logistics will be given priority
- Knowledge of manufacturing processes, fabrication methods and tool design
- Familiarity with manufacturing equipment and quality assurance techniques

**3. Technical Skills:** Should have strong understanding of one or more of the following technical skillsets:

- Mechanics of Materials, 3D Scanning, 3D printing and post processing techniques
- Manufacturing Process including Injection Molding

- Computer-Aided Machine Drawing / Fluid Mechanics (Fusion 360 / Solidworks / Catia / Ansys)
  - Foundry & Forging Laboratory / Machine Shop
4. Candidates with Domain Expertise in Production Engineer, Product Design, Research and Development shall be given priority
  5. Computer literacy including advanced proficiency with Microsoft Office (Excel, Word & PPT).
  6. Excellent communication and presentation skills, analytical, problem-solving skills and interpersonal abilities, Decision-making, excellent oral and written communication skills in English.
  7. Must have Team Spirit, Agility, Leadership, Initiative, time management, prioritising and the ability to handle a complex and varied workload.
  8. Must maintain confidentiality and discretion in all aspects and be comfortable with flexible working schedule to meet the needs of the Company.
  9. Must have Problem-solving ability, Negotiation, Flexibility with projects, good verbal and Non-verbal communications, Technical Writing Skills
  10. Age above 30 years.