

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.

### **Fellow – CoE Additive Manufacturing Project**

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

- Research on Medical Device requirements and segregate methods to execute the material processing, electronics, additive and subtractive manufacturing projects
- Determining the most efficient operations based on product requirements
- Organize and manage workflows and resources
- Resolve issues by extensive research, reduce costs and maximize quality
- Testing new and existing research methodologies and procedures
- Undertake the assignments, which may be assigned from time to time.

#### **Eligibility:**

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

- B.Tech or M.Tech in Mechanical Engineering or M.Sc in Physics, Material Science, Solid state physics, Biochemistry is desirable  
Or
- B.Tech / M.Tech in ECE / EEE / Medical Devices / Chemical / Polymer Engineering Or any relevant course of medical device eco-system is considerable

**2. Experience:** Minimum 0 to 2 Years of experience (as polymer/ material research / analytical chemistry / biochemistry) or handled projects in any of the below subjects

- Manufacturing processes, fabrication methods and tool design
- Biomaterial Characterization, Spectroscopy equipment and quality assurance techniques

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

- Bio Mechanics of Materials, Sensors, 3D Scanning, 3D printing and post processing techniques of implants and prosthetics
- Production of medical equipment, Basic understanding of implants, 3D printing, orthodontal and maxillofacial

- Involved in projects of Metallurgy, Fluid Mechanics, Biochemistry
  - Understanding of polymer science, plastics, Biomaterials
  - Experience in Python, Matlab would be given importance
4. Candidates with Domain Expertise in Production Engineer, Product Design, Research and Development, Project Engineering, QA/QC, Application Engineering shall be given preference
  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 Project management skills, Logistics Management, Problem-solving ability, Negotiation, Flexibility with projects, Meticulous Book / Record Keeping skills
  10. Age above 25 years.