

Applicants are required to appear for **Virtual Interview** with prior intimation to hr@kiht.in before **23rd February 2026**. Kindly send your profile with educational certificates, pay-slips for the recent three months, experience certificates and other documents. Shortlisted Applicants will be intimated over email with interview dates **(04.03.2026, 05.03.2026, 06.03.2026 and 07.03.2026)** along with the virtual link on or before **2nd March 2026**.

Scientist- I SAT

Terms of Reference:

1. Design and development of mechanical components, molds, jigs, fixtures, and precision parts.
2. 3D modelling and drafting using CAD software (SolidWorks / Creo / Fusion / NX).
3. Preparation of detailed manufacturing drawings with GD&T.
4. Design validation through simulations (FEA, tolerance stack-up, fit analysis).
5. Support prototype development and coordinate with CNC/AM teams.
6. Optimize designs for manufacturability (DFM/DFA principles).
7. BOM preparation and vendor technical discussions.
8. Documentation as per ISO 13485 / QMS standards.
9. Assist in new product conceptualization and innovation projects.
10. Follow Good Manufacturing Practices (GMP), cleanroom protocols, and safety procedures during all stages of operations.
11. Conduct in-process quality checks such as visual inspection, dimensional checks, leak tests, and functional verification.
12. Maintain accurate operation records, and traceability documentation.
13. Work collaboratively with quality assurance, production supervisors, and engineering teams to meet daily output targets.

Eligibility:

1. Minimum Qualification:

B.Tech / M.Tech in Mechanical Engineering.

2. Years of Experience:

1 to 2 years of experience in operations

3. Technical Skill Set:

- Strong proficiency in CAD software
- Ability to follow SOPs, work instructions, and quality checklists
- Familiarity with cleanroom practices is an advantage
- 1-2 years of experience in precision engineering, mold design, or medical device components

4. Domain Experience:

Prior exposure to manufacturing of medical devices, disposables, or pharmaceutical/healthcare products is desirable.

5. Age Limit: Preferably below 40 years.

6. Basic working knowledge of computers for data entry, production logs, and reporting (Excel/ERP exposure is an advantage).

7. Communication Skills: Ability to understand and follow instructions; basic oral and written communication in English (local language proficiency is a plus).

8. Behavioral & Professional Skills:

- a. Team spirit and discipline
- b. Attention to detail and quality orientation
- c. Ability to work under production targets and timelines
- d. Willingness to learn and adapt to new processes

9. Physical & Operational Readiness:

Ability to stand for extended periods, should be good in communication, perform repetitive tasks with precision, and handle delicate components.

10. Work Flexibility.

11. Willingness to Travel