

## INSTITUTE OF CHEMICAL TECHNOLOGY, MUMBAI

Category I Deemed to be University (MHRD/UGC) Elite Status and Centre Excellence, Govt. of Maharashtra Public Funded University

NAAC A<sup>++</sup> CGPA 3.77/4.00 NBA Accredited Programmes

Website: [www.ictmumbai.edu.in](http://www.ictmumbai.edu.in)

### Advertisement

Applications are invited for the post of : **Project Scientist - III**

No. of Positions	: 1
Sponsor	: DBT
Project entitled	: "GMP Grade Microfluidic Nanoparticle Manufacturing Platform for mRNA lipid nanoparticles (NanoMake)"
Principle Investigator	: Dr. Ratnesh Jain
Essential Qualifications	: Bachelor's degree in Electronics Engineering, Electrical Engineering or related field.
Experience and Desirable	: 3-4 years of experience in electronics application engineering, with a focus on embedded systems.
Remuneration Year 1/Year 2	: 96,720/- (Consolidated) Incl.HRA and all benefits
Year 3	: 1,01,536/- (Consolidated) Incl.HRA and all benefits
Duration	: Initial Appointment for 6 Months and can be extended based on performance and fund availability.

#### **Job Description:**

- Design and develop complex electronic systems and devices, including embedded systems
- Troubleshoot and resolve issues in existing systems, both hardware and software
- Write efficient code in Python, C, C++, embedded C, and HMI programming languages
- Develop and optimize firmware for embedded systems
- Work with a variety of motors, sensors, actuators, and microcontrollers
- Lead product development initiatives from concept to completion
- Collaborate with cross-functional teams to ensure project success
- Stay updated with the latest trends and technologies in electronics, bio-medical systems, and embedded systems engineering
- Implement and optimize precise control systems for specific areas of operations and can make a controlled close loop system.

**The applications should reach on or before January 19,2025. Late Application will not be accepted.**

Interested candidates should apply by filling this form, **Apply here:** <https://forms.gle/AkMnKqCXwo8PPS9e9>

**The selection of the candidate will be carried out through Online/Physical interview.** If we receive a large number of applications, scrutiny for shortlisting of candidates for interview will be done. Only shortlisted candidates will be called for an interview and a link to attend the interview and a link to attend the interview will be sent to them only. The recommendation of the committee will be final.

  
**Prof. B.F. Jogi**  
Registrar