

# **DHIRAJ DEVIDAS BHATIA, PhD**

Associate Professor

Department of Biological Engineering,  
Indian Institute of Technology Gandhinagar,  
Near Palaj, Gandhinagar 382355, Gujarat, India

Phone no: +91-79-2395-2537

E-mail: dhiraj.bhatia@iitgn.ac.in

Website: <https://www.iitgn.ac.in/faculty/biology/dhiraj.htm>



## **2 Research Associate positions in DNA Nanotechnology and Peptide Bioengineering**

Indian Institute of Technology Gandhinagar (IITGN) invites applications for Research Associate position (2 numbers) in Structural DNA Nanotechnology and Peptide Bioengineering for a research project funded by MoES-STARS.

### **Job Descriptions:**

- a) The candidate will be required to set up the experiments for developing physical and chemical biology protocols for developing organic and inorganic nanoparticles, 2D metallic and organic sheets, conjugating multiple biological ligands to programmed DNA nanodevices for interface with stem cells. He/she will also have the opportunity to develop advanced laboratory skills (3D cell culture models, biochemical and molecular biology procedures, live cell microscopy, foreign visits on collaborations).
- b) The candidate will be required to set up the experiments for developing physical and chemical biology protocols for peptide synthesis, purification, characterization. He/She will also have the opportunity to develop advanced lab skills like 3D cell culture models, biochemical and molecular biology procedures, live cell microscopy, foreign visits and collaborations.

The candidates should be a highly motivated, continuous learner who is able to work independently.

### **Eligibility:**

- a) PhD in Chemical Biology, Biochemistry, Cell Biology, Life Sciences, Nanotechnology or Physics with experience on nanodevices like thin sheets, etc allied subject areas from reputed institutes with good scientific publication record.
- b) PhD in Chemistry, Chemical Biology, Biochemistry, Life Science, Nanotechnology with expertise in mass-spectrometry, peptide synthesis and characterization, protein expression and purification, cell culture, microscopy, etc. from reputed institutes with good scientific publications.

Candidates who have submitted their thesis are equally eligible for these positions.

**Duration:** Initial appointment is for 1 year, extendable based on performance

**Remuneration:** 47,000 INR per month + 8% HRA

**Application Procedure:** Candidates must send their applications via this google form:

<https://forms.gle/YUScgeFcCCXe1NAA>

The call is open till 15<sup>th</sup> March 2024. For any query, please write to Prof. Dhiraj Bhatia