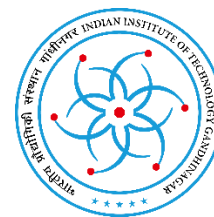


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Email: bsaha@iitgn.ac.inWebsite: <https://iitgn.ac.in/faculty/chemical/fac-biswajit>
<https://smartmaterialslab.wixsite.com/smartmaterials>**POSTDOCTORAL FELLOW POSITION IN “THE DEVELOPMENT OF BIOSENSOR AND ELECTROCHEMICAL DETECTION OF BIOMOLECULES”**

Indian Institute of Technology Gandhinagar (IITGN) invites applications for a Postdoctoral Fellow position in the area of advanced material to develop wearable sensors for a research project funded by the IIT Gandhinagar.

Job Description: The above research topic is interdisciplinary, covering the broad spectrum of Chemical Engineering, material science and biotechnology. This work demands the selected candidate to work on synthesising advanced/nanomaterials, patterning of sensing electrodes (like screen printing), functionalisation of aptamer/antibody on electrode and electrochemical detection of biomolecules. The candidate will frequently use various analytical instruments (SEM, XRD, FTIR etc.) to validate and characterise the electrode materials and various Electrochemical analyser for detection. Finally, he will demonstrate the performance of biosensor for various microbes, including bacteria. In addition to performing research responsibilities, the candidate will work on the development of laboratory setups.

Eligibility: PhD degree in biotechnology, sensing technology, nanotechnology, electrochemical analysis and allied topic from a reputed institute with an excellent scientific publication record in the area of biosensing. The candidates who have submitted their thesis and are available to join immediately are also eligible to apply.

Duration: Initial appointment is for 1 year, extendable up to 1 more year based on performance

Remuneration: Rs 50000.00 per month + Rs 10000.00 HRA (HRA will not be provided if accommodation on campus is availed)

Application procedure:

Step 1: Fill out the Google form: <https://forms.gle/tTyeKftgny7F67A19>

A complete CV should be attached to the above Google form.

Last date for application: Two weeks from the date of this advertisement

Queries may be directed to Prof. Biswajit Saha (bsaha@iitgn.ac.in)