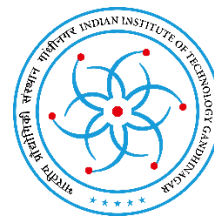


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Email: bsaha@iitgn.ac.inWebsite: <https://iitgn.ac.in/faculty/chemical/fac-biswajit>
<https://smartmaterialslab.wixsite.com/smartmaterials>**POSTDOCTORAL FELLOW POSITION IN “THE DESIGN AND DEVELOPMENT OF WEARABLE SENSORS FOR MONITORING HEALTH, PHYSICAL ACTIVITY AND FATIGUE LEVEL.”**

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 material science, manufacturing technology and electronics. This work demands the selected candidate to work on synthesising advanced/nanomaterials, analysing materials, patterning sensing elements, and designing sensors. Also, he will be working on the microcontroller to read, store and analysis of data generated by the sensors. The candidate will frequently use various analytical instruments such as AFM, SEM, TEM, XRD, Raman spectroscopy, FTIR, DMA etc., to validate and characterize the materials. Finally, he will demonstrate the performance of sensors as wearable electronics and other extended applications. In addition to performing research responsibilities, the candidate will work on the development of laboratory setups.

Eligibility: PhD degree in advanced/nanomaterials, sensing technology, nanotechnology, and allied branches from a reputed institute with an excellent scientific publication record. The candidates who have defended their thesis and can join immediately are also eligible for the position. Candidates having working experience with microcontrollers are encouraged 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/7bCP8HSeAvQsGQeV8>

A complete CV (in pdf) 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)