



Research and Development Section Indian Institute of Technology Guwahati Guwahati-781039, Assam

Applications are invited for **Walk-in-interview** of the following post(s) for **Contractual recruitment** in the project entitled, “**SWASTHA - Smart Wearable Advanced Nano Sensing Technologies in Healthcare ASICs**” at Centre for Nanotechnology, **IIT Guwahati**.

Date: 24th January 2024 (Wednesday)

Time: 10:30 AM

Venue: Conference Room, Centre for Nanotechnology, IIT Guwahati

Reporting Time: 9:30 AM

Sl. No.	Project Staff Designation	Number of Vacancies	Pay Recommended (Rs.)	HRA Required (Rs.)	Medical Required (Rs.)	Total Amount (Rs.)	Duration of Appointment in months	Qualifications
1	SRF (DIRECT)	05	35,000.00	6,300.00	1250.00	42,550.00	11	<p>Post Graduate in Basic Science or Graduate/Post Graduate in Professional Course selected through a process described through any one of the following:</p> <ol style="list-style-type: none">Scholars selected through National Eligibility Test-CSIRUGC NET including Lectureship (Assistant Professorship) and GATE.The selection process through National Level examinations conducted by Central Government Departments and their Agencies and institutions such as DST, DBT, DAE, DOs, DRDO, MHRD, ICAR, ICMR, IISc, IISCR etc.+2 yrs of research Exp. <p>Preferable requirements:</p> <ul style="list-style-type: none">Expertise in NanoScience, Nanotechnology, Nanobiology, Nanoelectronics and hands-on experience in Nano-fabrication and characterization (such as AFM, SEM, TEM, XRD, Electro-Spinning Device, Materials Printing System, Laser Micro-machining, Wire Bonding, Double Sided Mask Aligner, Thermal/E-Beam

								Evaporation, RF Magnetron Sputtering Unit, Oxidation/ Diffusion Furnaces Reactive Ion Etching, FESEM-EBL, Mask Writer, Raman, IR, Cryogenic DC Probe Station and Pulse parametric Analyzer)
2	Project Engineer	01	47,000.00	8,460.00	1250.00	56,710.00	11	<p>PhD degree Or Master`s degree in Engineering +3 yrs exp. Or Bachelor`s degree in Engineering +6 yrs exp.</p> <p>Desirable experience:</p> <ul style="list-style-type: none"> • Expertise in NanoScience, Nanotechnology, Nanobiology, Nanoelectronics and hands-on experience in Nano-fabrication and characterization (such as AFM, SEM, TEM, XRD, Electro-Spinning Device, Materials Printing System, Laser Micro-machining, Wire Bonding, Double Sided Mask Aligner, Thermal/E-Beam Evaporation, RF Magnetron Sputtering Unit, Oxidation/ Diffusion Furnaces Reactive Ion Etching, FESEM-EBL, Mask Writer, Raman, IR, Cryogenic DC Probe Station and Pulse parametric Analyzer) • Administration and general implementation of the project along with report writing, operation and maintenance of High end micro/nano fabrication & Characterization facilities, Health-Care, Energy and POCT devices
3	Associate Project Engineer	01	35,000.00	6,300.00	1,250.00	42,550.00	11	<p>Master`s degree Engineering or Bachelor`s degree in Engineering + 3 yrs exp.</p> <p>Desirable experience:</p> <ul style="list-style-type: none"> • Expertise in NanoScience, Nanotechnology, Nanobiology, Nanoelectronics and hands-on experience in Nano-fabrication and characterization (such as

								<p>AFM, SEM, TEM, XRD, Electro-Spinning Device, Materials Printing System, Laser Micro-machining, Wire Bonding, Double Sided Mask Aligner, Thermal/E-Beam Evaporation, RF Magnetron Sputtering Unit, Oxidation/Diffusion Furnaces Reactive Ion Etching, FESEM-EBL, Mask Writer, Raman, IR, Cryogenic DC Probe Station and Pulse Parametric Analyzer)</p> <ul style="list-style-type: none"> • General implementation of the project along with report writing, operation and maintenance of High end micro/nano fabrication & Characterization facilities, Health-Care, Energy and POCT devices
4	Project Scientist	01	47,000.00	8,460.00	1,250.00	56,710.00	11	<p>PhD degree Or Master`s degree in Science + 6 yrs exp.</p> <p>Desirable experience:</p> <ul style="list-style-type: none"> • Expertise in NanoScience, Nanotechnology, Nanobiology, Nanoelectronics and hands-on experience in Nano-fabrication and characterization (such as AFM, SEM, TEM, XRD, Electro-Spinning Device, Materials Printing System, Laser Micro-machining, Wire Bonding, Double Sided Mask Aligner, Thermal/E-Beam Evaporation, RF Magnetron Sputtering Unit, Oxidation/Diffusion Furnaces Reactive Ion Etching, FESEM-EBL, Mask Writer, Raman, IR, Cryogenic DC Probe Station and Pulse parametric Analyzer) • Administration and general implementation of the project along with Report writing, operation and maintenance of Highend micro/nano fabrication & Characterization facilities, Health-Care, Energy and POCT devices

5	Associate Project Scientist	02	35,000.00	6,300.00	1,250.00	42,550.00	11	<p>Master`s degree in Science Or Bachelor`s degree in Science + 4 yrs exp.</p> <p>Desirable experience:</p> <ul style="list-style-type: none"> • Expertise in NanoScience, Nanotechnology, Nanobiology, Nanoelectronics and hands-on experience in Nano-fabrication and characterization (such as AFM, SEM, TEM, XRD, Electro-Spinning Device, Materials Printing System, Laser Micro-machining, Wire Bonding, Double Sided Mask Aligner, Thermal/E-Beam Evaporation, RF Magnetron Sputtering Unit, Oxidation/ Diffusion Furnaces Reactive Ion Etching, FESEM-EBL, Mask Writer, Raman, IR, Cryogenic DC Probe Station and Pulse Parametric Analyzer) • General implementation of the project along with report writing, operation and maintenance of High end micro/nano fabrication & Characterization facilities, Health-Care, Energy and POCT devices
6	Laboratory Attendant	01	7,450.00	1,341.00	1,250.00	10,041.00	11	<p>High School pass with 1 yr exp.</p> <p>Desirable experience:</p> <ul style="list-style-type: none"> • Basic fundamental knowledge of lab maintenance. • Movement of Files, Lab Cleaning, Electrical and Lab Maintenance and other related activities.

How to apply and selection process: Candidates have to appear in the Walk in Interview along with an application/CV on plain paper giving details of all educational qualifications, experience, contact address, phone no., E- mail etc. and submit photocopies of relevant documents at the time of interview on 24 Jan 2024 (Wednesday) at 10:30 am. Venue: Centre for Nanotechnology.

Selection will be based on the performance of the candidate in the interview. Candidates will not be sent any call letter separately. Advance copy of CV may be sent to the Principal Investigator.

For any clarification, contact: Nano Office, Centre for Nanotechnology, IIT Guwahati

Email: nano_off@iitg.ac.in

Phone: 03612583066/3075

No TA/DA will be paid to the candidates for appearing in the test and interview.

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Assistant Registrar (R&D)