



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

CONTRACTUAL RECRUITMENT

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

Date of Interview: 20/06/2022

Time: 10:30AM onwards

Sl No.	Project Staff Designation	Number of Vacancies	Pay Recommended	HRA Required	Medical Required	Total Amount	Duration of Appointment in months	Qualifications
1	SRF (DIRECT)	20	Rs.35,000.00	Yes Rs.5,600.00	Rs.1250.00	Rs.41,850.00	03	<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>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,

								<p>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
2	Project Engineer	01	47,000.00	Yes Rs. 7,520.00	Rs. 1250.00	Rs.55,770.00	11	<p>PhD degree Or Master`s degree in Engineering/ Design +3 yrs exp. Or Bachelor`s degree in Engineering/ Design +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	02	35,000.00	Yes Rs. 5,600.00	Rs. 1250.00	Rs. 41,850.00	11	<p>Master`s degree Engineering/ Design or Bachelor`s degree in Engineering/ Design + 3 yrs exp.</p> <p>Desirable experience:</p> <ul style="list-style-type: none"> • Expertise in NanoScience, Nanotechnology, Nano biology, Nano electronics 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
4	Project Scientist	02	47,000.00	Yes Rs. 7520.00	Rs. 1250.00	Rs. 55770.00	11	<p>PhD degree Or Master`s degree in Science/ Humanities + 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

								<p>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"> 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	Yes Rs. 5600.00	Rs. 1250.00	Rs. 41850.00	11	<p>Master`s degree in Science/Humanities Or Bachelor`s degree in Science/Humanities + 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	Administrative Assistant	01	23,500.00	Yes Rs. 3760	Rs. 1250.00	Rs. 28510.00	11	Master`s degree in Commerce Desirable experience: <ul style="list-style-type: none"> • Management and maintenance of accounts and Ledger books • Tackling of purchase related activities along with inventory management
7	Laboratory Attendant	01	7,450.00	Yes Rs. 1192	Rs. 1250.00	Rs. 9892.00	11	High School pass with 1 yr exp. Desirable experience: <ul style="list-style-type: none"> • Basic Science Background and 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 apply with a CV giving details of all educational qualifications, experience, contact address, phone no., E-mail etc. along with scanned copies of relevant documents through the below mentioned e-mail address within 14/06/2022 before 5PM. Shortlisted candidate will be called for Online Interview on 20th June 2022 (Monday) from 10:30AM onwards. Selection will be based on the performance of the candidate in the interview. Candidates will not be sent any call letter separately.

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

Email: nano_off@iitg.ernet.in

Phone: 03612583056/3054

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

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