IIIT Hyderabad Invites Applications for the Position of Project Associate I / Project Associate II / Lab Technician at Center for VLSI and Embedded Systems Technology (CVEST)

Advertisement No: IIITH/RnD Recruitments/Advt No:01/2024

January 1, 2024

Application Start Date: January 4, 2024
End Date: January 20, 2024

The International Institute of Information Technology Hyderabad (IIIT-H) is a world-class institution, where the passion for learning, teaching, research, problem solving, and making a difference is celebrated. With emphasis on research, the institute has large research centers with PhD & MS by Research students working on wide ranging topics. The institute offers B.Tech, MS by Research, Dual Degree (B.Tech + MS), M.Tech and PhD programs. IIIT-H provides a flexible environment that facilitates active industry collaborations for conducting research.

IIIT-H invites the following technical manpower positions for the project mentioned below.

(a). Project Title: Fabrication and Characterization of Flexible Bio-Sensors and Bio-Actuators for Healthcare Applications

(b). Funding: Promotion of University Research and Scientific Excellence (PURSE) by DST, India

(c). Project Description:

In this project, we plan to develop state-of-the-art infrastructure to facilitate high-quality long-term research in the emerging areas of biosensors, bio-actuators, body area networks, artificial intelligence and flexible electronics, to enable the fabrication and characterization of control systems for biological markers and vitals. Hence, this project is divided into three segments:

i. Fabrication and characterization of biosensors
ii. Fabrication and characterization of custom integrated circuits (ICs) for processing sensor information
iii. Fabrication and characterization of bio-actuators

(d). Positions available:

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| Project Associate I | 3                  | Master’s or Bachelor’s Degree in Engineering in ECE/EEE/EE from a recognized University
Upper age limit: 35 years | Research on development, fabrication, and characterization of biosensors and bio-actuators, as per the guidance of the PI. Experience in chemistry lab, cleanroom etc. is preferred.                                                                 | (i) Rs.31,000 + HRA to Scholars who are selected through UGC-NET; CSIR-NET including Lectureship (Assistant Professorship) or GATE |


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<th>Role</th>
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<td>Project Associate II</td>
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<td>Master’s or Bachelor’s Degree in Engineering in ECE/EEE/EE from a recognized University and 2 year’s experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organisations and Scientific activities and services</td>
<td>Research on development, fabrication, and characterization of biosensors and bio-actuators, as per the guidance of the PI. Experience in chemistry lab, cleanroom etc. is preferred.</td>
<td>(i) 35,000 + HRA to Scholars who are selected through UGC-NET; CSIR-NET including Lectureship (Assistant Professorship) or GATE (ii) 28,000 + HRA for others who do not fall under above (i).</td>
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<tr>
<td>Lab technician</td>
<td>2</td>
<td>Bachelor of Science or 3 Years Diploma in Engineering &amp; Technology</td>
<td>Maintenance of research equipment in the laboratory. Experience in chemistry lab, cleanroom etc. is preferred.</td>
<td>20,000 + HRA (Additional increment of 15% would be given for candidates more than 3 years’ experience)</td>
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(e). **Appointment Duration**: 1 year (extendable upto 3 years based on performance)

(f). Emoluments as per the manpower norms of DST.

(g). **To Apply**: Interested candidates can email CV to hiring.projectstaff@iit.ac.in with subject line PURSE_PositionName

(h). **Shortlisting Criteria**: Candidates will be shortlisted based on their academic qualifications and experience and will be invited for interviews after January 24, 2024.