



**BITS Pilani**  
Pilani | Dubai | Goa | Hyderabad | Mumbai



## JOB DESCRIPTION

### Program Associate [Center for Research Excellence in Semiconductor Technology (CREST)]

<b>About CREST</b>	<b>BITS Pilani</b> is committed to becoming the foremost academic institution for semiconductor research and innovation in India through the establishment of the Center of Excellence in Semiconductor called Center for Research Excellence in Semiconductor Technology (CREST). This initiative will involve all the institution's campuses, with the Hyderabad campus serving as the primary hub. The CREST aims to produce industry-ready professionals capable of excelling in the semiconductor sector, achieving innovative breakthroughs and intellectual outputs, and establishing a sustainable ecosystem for students, researchers, and startups, complete with the necessary infrastructure, resources, and expertise.
<b>Post/ Job Title</b>	Program Associate
<b>Position &amp; Location</b>	One Position, Hyderabad Campus
<b>Tenure:</b>	3 years and further extension based on satisfactory performance
<b>Reporting To</b>	Program Manager (CREST)
<b>Position Details</b>	The ideal candidate will support the Program Manager in implementing various technical, executive, and administrative initiatives to implement and sustain the CoE CREST. The person will liaison with various user groups (internal and external), operations and engineering teams, and other stakeholders. The person will also work closely with all the stakeholders to ensure compliance with all Laboratory policies, and guidelines.
<b>Duties and responsibilities</b>	<ul style="list-style-type: none"> <li>• Process Equipment operation and baseline monitoring.</li> <li>• New process development and optimization.</li> <li>• Work with lab users to conduct tests and experiments that support process improvement or process development.</li> <li>• Perform set-up, calibration, and minor routine preventative maintenance.</li> <li>• Identify tool performance requirement and develop recipes which can evaluate tool performance parameters.</li> <li>• Troubleshoot the tool with the help of equipment manufacturers to achieve the desired values of the performance parameters.</li> <li>• Establish, monitor, and control the base line recipes.</li> <li>• General Lab and Facility Management: monitor cleaning/usage procedures, safety procedures.</li> <li>• Documentation wherever required.</li> <li>• Maintenance Troubleshooting Support to reduce tool downtime</li> <li>• Software: modelling and data interpretation.</li> <li>• Equipment operational and handling chemical in the labs</li> <li>• Good exposure on semiconductor device process like deposition, growth, lithography, wet etching and analytical characterization</li> </ul>
<b>Educational Qualification</b>	M.Tech. with a focus on Semiconductor devices / materials
<b>Desirable</b>	Experience to develop and work in Semiconductor Clean room
<b>Remuneration</b>	Rs 9 Lakhs annual CTC (based on experience including target-based performance incentives).
<b>Application</b>	Please complete this form <a href="https://forms.gle/AemgYN6zoADPhqgi9">https://forms.gle/AemgYN6zoADPhqgi9</a>

