



**CALL FOR JUNIOR RESEARCH FELLOW & TEST ENGINEER AT LAMBDA, DEPT. OF EEE**

**Date: April 30, 2026**

**LAMBDA** (Laboratory for Antenna, Microwave and electron beam Devices and Applications) is a research and development laboratory in BITS-Pilani, Hyderabad Campus. Our thrust areas of research are all areas of RF and microwave engineering with a focus on microwave devices, Vacuum Electron Devices and Antennas for applications in defence, space and atomic energy sectors. Extensive research and development work and long term programs has been initiated for the design and development of indigenous microwave devices with national labs and private industry like DRDO, DAE-BRNS, and Dhruva Space.

Applications are invited from suitable candidates to work under the supervision of **Harish V. Dixit / Sourav Nandi / Kapil Ram Gavali**, Department of EEE, BITS-Pilani, Hyderabad campus for the below project sponsored positions. Selected candidates may also be considered for registration into the Ph.D. program, subject to institute norms and selection procedures. Continuation beyond the project tenure may also be considered based on performance, project requirements, and availability of suitable opportunities.

Sr. No.	Position	No. of Positions	Project Details	Pay Details	Qualification & Experience
1	Junior Research Fellow	1	<b>Title:</b> Design and Simulation of High Efficiency UHF Klystron for Accelerator applications <b>Duration:</b> 11 months <b>PI:</b> Sourav Nandi <b>Co-PI:</b> Harish V. Dixit	<b>Fellowship:</b> Rs. 37,000/- + 24% HRA per month	<ul style="list-style-type: none"> <li>• <b>Essential qualifications:</b> B.E/B. Tech</li> <li>• First class in M.E/M.Tech in Electronics and Telecommunication/Communication or Microwave Engineering or allied disciplines.</li> <li>• <b>Desirable qualifications:</b> Experience in using CST/COMSOL/HFSS and PIC Simulation for design of microwave devices and Python.</li> </ul>
2	Junior Research Fellow	1	<b>Title:</b> Design and Development of X-band Vircator <b>Duration:</b> 1 Year <b>PI:</b> Harish V. Dixit <b>Co-PI:</b> Kapil Ram Gavali	<b>Fellowship Pay:</b> Rs. 37,000/- + 24% HRA per month	<ul style="list-style-type: none"> <li>• <b>Essential qualifications:</b> B.E/B. Tech</li> <li>• First class in M.E/M.Tech in Electronics and Telecommunication/Communication or Microwave Engineering or allied disciplines.</li> <li>• <b>Desirable qualifications:</b> Experience in using CST/COMSOL/HFSS and PIC Simulation for design of microwave devices and Python.</li> </ul>
3	Test Engineer	1		<b>Fellowship:</b> Rs. 18000/- to Rs. 22,000/-	<ul style="list-style-type: none"> <li>• <b>Qualifications &amp; Skills:</b> Diploma or B.Tech in ECE/EEE</li> <li>• <b>Desirable qualifications:</b> Good written and spoken English</li> <li>• Hands-on knowledge of operating electrical/electronic equipment like multimeter, DC power supply, function generator, soldering, PCB assembly, etc.</li> <li>• Knowledge of operating RF instruments like VNA, spectrum analyzer, &amp; Python etc.</li> </ul>

**Application Procedure:** Eligible candidates with the above-mentioned qualification can fill their detailed information about the educational qualifications along with the CV in the google form [Link to apply](#).

**For any queries:** Please contact LAMBDA Office via email: [office.lambda@hyderabad.bits-pilani.ac.in](mailto:office.lambda@hyderabad.bits-pilani.ac.in)

