



Birla Institute of Technology and Science, Pilani

Off-campus Programmes and Industry Engagement

JOB DESCRIPTION

About BITS, Pilani	<p>Birla Institute of Technology & Science, Pilani has been declared as an "Institution of Eminence Deemed to be University" by the Central Government of India in exercise of the power conferred under Section 3 of the UGC Act 1956 and is a renowned science and technology institute with its headquarter located in Pilani, Rajasthan, India. In addition to Pilani, BITS Pilani has campuses in Dubai, Goa, Hyderabad and Mumbai.</p> <p>Work Integrated Learning Programmes (WILP) was established in 1979 focuses on providing continuing education to working professionals across different sectors. WILP has 45+ years of educating working professionals, 46+ programmes, 1,20,000+ working professionals graduated, 46,000+ working professionals enrolled.</p>
Industry/Service	Higher Education
Post/Job Title	Research Associate – Penetration Testing Establishment
Job Type	Regular, Full time
Reporting to	Visiting Faculty
Will also works very closely with	Penetration Testing Establishment (PTE) Team
No. of positions	1
Job Location	Hyderabad Campus
Principal Accountabilities & Responsibilities	<ul style="list-style-type: none"> • Collaborate with faculty and industry experts on research focused engineering tasks and Industry Projects. • Generating Research outputs such as publications, project proposals, funding documentation, and patent drafting/filing support. • Assist in setting up lab infrastructure and cybersecurity tool deployment. • Support the creation and execution of lab modules for students. • Contribute to documentation/certification, lab manuals, and technical reports. • Maintain lab systems (hardware/software), perform troubleshooting, and ensure smooth operations. • Respond to student queries and provide technical support during lab sessions.
Qualification and Personal Profile	<p>Bachelors' degree – ECE/EEE/CSE/IT/Mech or related field with 0 to 5 Years of experience.</p> <p>Master's Degree – Electronics/Computer Science or related domain with 0 to 5 years is preferred</p> <p>Note: preference for candidates with exposure to cybersecurity tools (e.g., Kali Linux, Wireshark, Burp Suite)</p>
Other Skill and Ability Requirements	<ul style="list-style-type: none"> • Basics on Cyber security and Embedded systems • Research Assistance & Technical Reporting • Technical Documentation • Student Support & Lab Assessment • Virtual Lab Deployment • Good communication and teamwork skills.