



Birla Institute of Technology and Science, Pilani

Off-campus Programmes and Industry Engagement

JOB DESCRIPTION

About BITS, Pilani	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. 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.
Industry/Service	Higher Education
Post/Job Title	Visiting Faculty
Job Type	Regular, Full time
Reporting to	Associate Heads, CSIS
Will also works very closely with	Experiential Learning Leads, CSIS. Faculty, Students
No. of positions	7
Job Location	Bengaluru, Hyderabad, Chennai, Delhi, & Pune
Purpose	The role involves owning and managing multiple lab courses across CSIS programmes, designing and developing comprehensive lab worksheets, assignments, and situated learning activities aligned with course objectives. It includes conducting webinars and technical sessions for students, as well as training and mentoring lab instructors, faculty, and learning facilitators. The role also encompasses guiding students in design-oriented and hands-on projects, evaluating academic submissions, maintaining and upgrading lab infrastructure and tools, and contributing to the development of new labs for emerging or revised courses.
Principal Accountabilities & Responsibilities	Key Responsibilities: Course Ownership: Own and manage assigned lab courses; oversee lab offerings across all CSIS programmes. Development of Learning Materials: Design and develop comprehensive lab worksheets, assignments, and evaluation rubrics. Support in Situated Learning: Collaborate with faculty in developing and executing situated learning-based lab assignments and activities. Evaluation: Evaluate worksheets, assignments, and situated learning submissions; provide academic feedback to improve learning outcomes. Project Guidance: Guide and mentor students in design-oriented or hands-on learning projects.

	Webinar Sessions (Students): Conduct lab webinars and technical sessions for students; provide academic mentorship. Webinar Sessions (Faculty/Peers): Conduct webinars or training sessions for Lab Instructors, Faculty (OCF, AF, GF), Learning Facilitators. Infrastructure and Tools Management: Supervise overall lab setup, recommend upgrades, and ensure optimal use of lab resources. Development of New Labs: Contribute to the design and development of labs for newly introduced or revised courses.
Qualification and Personal Profile	• M.Tech in Computer Science & Engineering (CSE) or Electrical & Electronics Engineering (EEE) or equivalent programmes
Other Skill and Ability Requirements	<u>Technical Knowledge</u> Broad knowledge and experience in one or more areas of computer science, including (but not limited to) C Programming, Computer Architecture, Operating Systems, Software Engineering, Artificial Intelligence, Cloud Computing, Databases, Object Oriented Programming, Digital Electronics & Microprocessor, Electrical Sciences, Wireless and Mobile Communication, Machine Learning, Data Science, Data Visualization, Python Programming, Computer Networks & Security. Proficiency in programming and scripting languages from coding and debugging perspective. Experience with Software Development Life Cycle (SDLC), SDLC practices and software toolchains (preferable). <u>Behavioral Competencies</u> Excellent spoken and written communication. Competent with latest / emerging technologies. Good team player.
Compensation	11 Lakhs per annum commensurate with experience
Application Process	Candidates should submit resumes by filling the Google Form - https://forms.gle/WNkduanFoDsQNYkH6