

IIIT-B Invites Applications for the post of Project Associate (2 positions)

Last date for receipt of applications is November 4, 2024. Details are as follows: -

<b>Designation</b>	Project Associate (2 positions)
<b>Job Description</b>	<p>Aeronautical Development Agency (ADA), Bangalore, has sponsored a project titled "Guidelines for Independent Verification and Validation (IV &amp;V) for AI-based Systems for Fighter Aircrafts". AI-based systems are envisaged to be used for various purposes in fighter aircrafts including improving situational awareness, reducing pilot workload, for improving fault predication etc. It is known that AI-based systems are not reliable and hence their use in safety-critical applications like fighter aircrafts needs to be evaluated carefully.</p> <p>This project involves writing detailed guidelines for IV &amp; V, for the use of AI algorithms in fighter aircrafts. The guidelines will span all the development life-cycle phases, starting with requirements, use of data for training the AI systems, design, implementation and testing. Work will also involve developing simple AI-based applications, and implementing the proposed guidelines on a sample application provided by ADA and the simple AI-based applications.</p>
<b>Job Details</b>	<p>Full-time position, in IIIT-Bangalore under the supervision of project PI Prof. Meenakshi D'Souza.</p> <p>Duration: 18 months</p>
<b>Qualifications, Experience and Skills needed</b>	<p>M. Tech. (Data Science), M. Sc. (Data Science), M. Tech. (Computer Science and Engineering), or B. Tech. (Computer Science and Engineering) with at least two years of experience in development and testing of AI-based applications.</p> <p>Skills needed include familiarity with use of both supervised and unsupervised machine learning models, specifically, ANNs and CNNs, for development of applications, basics of testing techniques, Python and C Programming, Desirable to have skills in MLOps.</p>
<b>Last date for applications</b>	<p>Interested candidates are requested to fill in the form below along with resume latest by November 4,2024</p> <p><a href="https://forms.gle/hL1WBjH2NMhXZBbH7">https://forms.gle/hL1WBjH2NMhXZBbH7</a></p> <p>Kindly contact HR – <a href="mailto:hr@iiitb.ac.in">hr@iiitb.ac.in</a> in case you face an issue in filling the form</p>