**BANASTHALI VIDYAPITH**

**Department of Computer Science**

**B. Tech. (CSE/IT/CS-AI) VI Semester**

**CS 311P/ AI 303P Project**

**July 2025-May 2026**

**Date:**

**Project Title, Tools and Technologies**

|  |  |
| --- | --- |
| **Group ID** | CSD122 |
| Title of the project | Forest Fire Probability Mapping and Prediction System |
| Type (**Research / Development)** | DEVELOPMENT |
| Frontend tools and technologies | HTML , JAVASCRIPT, CSS , REACT.JS |
| Backend tools and technologies | FLASK , SCIKIT LEARN,NUMPYS ,PANDAS , MATPLOTLIB, RASTERIO & GDAL , SQL, MONGO DB |
| Other tools and technologies (If any) | QGIS, GitHub , OpenWeather API |

I hereby declare that the students have discussed the project topic, tools and technologies with me and I approve the same.

**Signature**

**Name of the mentor:**

**We, the members of this group hereby declare that our project is a research project. As part of the guidelines, we will publish a conference/journal paper and submit the proof (acceptance letter/proceedings of publication) by the end of April, 2026.**

**Signature:**

**Member1 Member2 Member3 Member4 Member5**