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**School of Computer Science and Engineering (SCOPE)**

**B.Tech. CSE - BCSE498J Project-II/ CBS1904 - Capstone Project**

**Applicable for all B. Tech. Programme of 2021 batch**

**AY: 2024-2025 Semester: Winter**

**GUIDE CONSENT FORM**

**Guide Particulars:**

| Name and Emp ID | Manoov R |
| --- | --- |
| School | SCOPE |
| Mobile Number and  Email ID | 9841059193  manoov.r@vit.ac.in |
| Name and Address of the Company  (**for non-CDC only**) | NA |
| Name, email ID and Address of the External Guide  **(for SAP only)** | NA |
| Start date and End date  (**for non-CDC / SAP only**) | NA |

**Project Team Information:**

| **Register No.(s)** | **Name(s) of the Student** | **Mobile No.** | **Email ID**  **(other than VIT)** |
| --- | --- | --- | --- |
| 21BCE0654 | Gaurav Yadav | 8700117919 | gaurav12yadav12@gmail.com |
| 21BCE3813 | Shaivya Srivastava | 6386941913 | shaivya0107@gmail.com |

**Title: RescuePath**

**Abstract:**

| Natural calamities pose significant risks to human life and property, making timely and accurate guidance crucial during emergencies. This project aims to develop an **informational website** that leverages data from diverse sources, including geostationary satellites, geographic information systems, and real-time weather APIs, to provide city-specific safe escape recommendations during selected natural disasters.  The website enables users to input their city name and receive actionable suggestions tailored to different calamities, such as identifying areas with higher elevation during floods or safer zones during fires. Advanced algorithms process satellite data, elevation maps, and weather forecasts to analyze potential risks and dynamically recommend optimal evacuation routes or zones.  The platform is designed to be intuitive, ensuring accessibility even during emergencies. By combining state-of-the-art data integration techniques with user-focused design, this project aims to enhance disaster preparedness and response, potentially saving lives and mitigating risks. |
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**For Guides:**

* **Guide Approved on VTOP : Yes**
* **Verified Title and Abstract : Yes**
* **Available for all the reviews : Yes**

**For Students:**

* **Guide Finalized for Non-CDC Category : NA**
* **Available for all the reviews : Yes**

**Signature of the Students Signature of the Guide with date**

**1.**

**2.**