**DEPARTMENT OF CSE (Data Science)**

**Project Title:**

**Deep Cross-modal Face Naming for People News Retrieval**

**Abstract:**

A popular yet difficult subject is how can we incorporate multimodal data sources for face recognizing in news. This work develops a revolutionary deep crossmodal face naming technique to enable more efficient people news retrieval for widespread multi-modal news. The effective naming technique in this scheme intends to group the deep features of various modalities into a shared space to investigate their inter-related correlations, and a unique Web mining technique is proposed to optimize the face name matching for uncommon noncelebrity. This method incorporates deep multimodal analysis, crossmodal correlation learning, and multimodal information mining. A crossmodal face naming model can be modelled using a bi-media concept mapping issue with an inter-related correlation distribution across deep representations of multimodal news. This model's primary purpose is to improve crossmodal Name-face correlation and the degree to which they are associated

**Software Requirements:**

Operating system : Windows10

Coding Language : Python

Front-End : TensorFlow

Back-End : Python.

**Hardware Requirements:**

System Processor : Intel Core i3 or above

Hard Disk : 40 GB

RAM : 4GB

**Project Team Details:**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No.** | **Roll No** | **Name of the student** | **Signature** |
| 1. | 217R1A67A2 | Md. Rajamiya |  |
| 2. | 217R1A6793 | Keshav Vyas |  |
| 3. | 217R1A67C2 | T. Mavith Kumar |  |

**Project Guide Details:**

|  |  |  |
| --- | --- | --- |
| **Name** | **Designation** | **Signature** |
| DR.B. Mohan Babu | Associate Professor |  |

Signature of HOD