Academics

1. **Subjects Taught:**
    * Discrete mathematical structures and combinatorics
    * Big data analytics
    * Programming in C
    * Digital Image Processing
    * Unix System Programming
    * Data Warehousing and Data Mining

2. **R&D Projects Executed**
    UG Final Year Projects Guided (in the reverse chronological order)
    * "SOCIAL DISTANCING DETECTOR USING YOLO NETWORK" -2021
    * "INSIDER ATTACK DETECTION IN IOT DEVICES USING DATA ANALYTICS" -2021
    * 'QUICKSIGN - AN INDIAN SIGN LANGUAGE INTERPRETER' USING CONVOLUTION NEURAL NETWORK -2020
    * "OFFLINE SIGNATURE VERIFICATION – 2020
    * "EXTENDIBLE CONTENT BASED HETEROGENEOUS DATA RETRIEVAL SYSTEM" – 2019
    * "AUTOMATIC VISUAL SPEECH RECOGNITION FOR HEARING IMPAIRED PATIENTS" – 2019
    * "DEEP LEARNING TO DISCOVER NEW EARTHS" -2018