**CHHATRAPATI SHIVAJI MAHARAJ INSTITUTE OF TECHNOLOGY**

**DEPARTMENT OF COMPUTER ENGINEERING**

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| **Name of the Faculty** | Kalidas Bhawale | |  | | --- | |  | |
| **Designation** | Assistant Professor |
| **Aadhar ID** | 6329-6528-0981 |
| **No.of B.Tech Project Guided** | 60 |
| **No.of M.Tech Project Guided** | Nil |
| **Area of Specialization** | Machine Learning | |
| **UG Degree** | BE (Information Technology) from Amravati University | |
| **PG Degree** | ME (Computer Engineering) from MGM’s CET, Mumbai University | |
| **Ph.D** | Pacific University(Persuing) | |
| **Total Experience** | **Teaching:18** | **Industry:** NIL |
| **No. of Journals (National & International)** | 15 | |
| **No .of Patents Published** | 1 | |
| **Roles and Responsibilities** | Local coordinator for short term course on “Data science using python” | |
| **Guest Lecture Delivered** |  | |
| **FDP’s Conducted** |  | |
| **NPTEL** | 1. NPTEL Elite for the course “Python for Data Science” | |
| **Area of Interest:** | | |
| Machine Learning, Data Science, Big Data | | |
| **About My Research work** | | |
| Research work on financial data analysis using machine learning a big data approach  (1) Search for academic research papers and articles discussing the application of machine learning techniques to financial data analysis within a big data framework. (2) Explore different machine learning algorithms commonly used in financial data analysis, such as regression, classification, clustering, and time series analysis, and their suitability for big data. (3) Investigate the challenges and opportunities associated with using big data in financial modeling and prediction with machine learning. (4) Find information on various types of financial data that are analyzed using machine learning and big data, including stock prices, trading volumes, economic indicators, and news sentiment. (5) Research the tools and technologies used for processing and analyzing large financial datasets in conjunction with machine learning algorithms, such as distributed computing platforms and specialized software libraries. (6) Look for case studies or examples of successful applications of machine learning and big data in financial institutions or research settings. (7) Identify potential future research directions and emerging trends in the field of financial data analysis using machine learning and big data. (8) Explore ethical considerations and potential biases that may arise when applying machine learning to financial data analysis in a big data context. | | |