**CHHATRAPATI SHIVAJI MAHARAJ INSTITUTE OF TECHNOLOGY**

**DEPARTMENT OF COMPUTER ENGINEERING**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name of the Faculty** | Er.Anup Maurya | |  | | --- | |  | |
| **Designation** | HoD, Assistant professor |
| **Aadhar ID** | 7343-7835-9690 |
| **No.of B.Tech Project Guided** | 36 |
| **No.of M.Tech Project Guided** | - |
| **Area of Specialization** | Security | |
| **UG Degree** | BE (Computer Engineering) from Mumbai University | |
| **PG Degree** | M. Tech (Computer Engineering) from Mumbai University | |
| **Ph.D(Persuing)** | Privacy-Preserving updates to anonymous database from Pacific University | |
| **Total Experience** | **Teaching:15** | **Industry:** NIL |
| **No. of Journals (National & International)** | 19 | |
| **No .of Patents Published** | 1 | |
| **Roles and Responsibilities** | Int. Conference – (Advertisement & Paper Submissions), Technical Training-Placement Coordinator | |
| **Guest Lecture Delivered** | 1. Guest Lecture Delivered on **Ethical Perspective** on 14th June 2024 in St.john College of Engineering, Palghar. | |
| **FDP’s Conducted** |  | |
| **NPTEL** |  | |
| **Area of Interest:** | | |
| Security, Data Mining,Operating system & Software Development | | |
| **About My Research work** | | |
| In the current data management environment, it is of utmost importance to prioritize the protection and confidentiality of databases, especially those that are anonymous and confidential. This abstract introduces a comprehensive strategy called the “Privacy-Secure Upgrade Approach for Anonymous and Confidential Databases Using TPC”. The objective of this approach is to strengthen the safeguarding of sensitive data while preserving both anonymity and confidentiality. This approach involves a methodical analysis of recent updates to privacy-secure databases, focusing on their specific limitations.  This approach has multiple primary objectives. Firstly, it aims to examine and compare current privacy-secure updates in order to identify their limitations. Furthermore, it seeks to develop an innovative method for updating databases that are both anonymous and confidential. This method places particular emphasis on accurately identifying specific targets in order to enhance accuracy and effectiveness. Additionally, the approach promotes the creation of an enhanced method to address unidentified databases, thus reducing the risk of privacy violations.  Furthermore, the approach recognizes the urgent requirement to tackle concerns regarding the maintenance and protection of user privacy in addition to the security of the databases. It offers customized solutions to enhance user privacy and strengthen the security infrastructure of databases. Furthermore, great importance is placed on maintaining the anonymity and confidentiality of databases at an elevated level of security after they have been updated.  Essentially, the proposed approach aims to improve the privacy and security standards of databases that store anonymous and confidential information. This approach aims to establish a standard for protecting sensitive information in the digital world by carefully assessing current strategies, developing new methods, and giving high importance to user privacy and database security. By incorporating TPC (To be determined) methodologies, this aims to enhance the security of databases by providing a strong layer of protection. This ensures that the databases remain resilient against potential threats while maintaining the anonymity and confidentiality of the stored data. | | |