**CHHATRAPATI SHIVAJI MAHARAJ INSTITUTE OF TECHNOLOGY**

**DEPARTMENT OF COMPUTER ENGINEERING**

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| **Name of the Faculty** | Dr. Harish Chandra Maurya | |  | | --- | |  | |
| **Designation** | Associate Professor |
| **Aadhar ID** | 6043-8353-0770 |
| **No. of B. Tech Project Guided** | 35 |
| **No. of M. Tech Project Guided** | 20 |
| **Area of Specialization** | Mobile Ad hoc Networking | |
| **UG Degree** | B. Tech (Information Technology) from BIT Muzaffarnagar, UPTU Lucknow | |
| **PG Degree** | M. Tech (Computer Science and Engineering) from Bhagwant University, Ajmer Rajasthan | |
| **Ph.D.** | Performance Improvement of Routing Protocol for Vehicular Mobile Ad hoc Networks Using NS3. from Bhagwant University, Ajmer Rajasthan | |
| **Total Experience** | **Teaching:15** | **Industry:** NIL |
| **No. of Journals (National & International)** | 25 | |
| **No. of Patents Published** | 3 | |
| **Roles and Responsibilities** | IT Coordinator from Mumbai University | |
| **FDP’s Conducted** | 2 | |
| **NPTEL** | 1. NPTEL Elite Silver certification in Joy of Computing Using Python. 2. NPTEL Elite Certification in Cloud Computing. 3. NPTEL Elite with Certification in IOT. | |
| **Area of Interest:** | | |
| Ad hoc Networking, IoT, Cloud Computing, Block Chain, Natural Language Processing. | | |
| **About My Research work** | | |
| Vehicular Ad hoc Networks (VANET) is an emerging technology that brings tremendous technological advancement in the method of communication among smart vehicles. Due to its complex infrastructure and vehicle speed, data routing remains difficult at VANET. A VANET is also considered similar to Mobile Ad Hoc Network (MANET), and MANET routing protocols can be adapted for VANETs for performance evaluation. In this work, we have selected a real-world scenario from our locality with high traffic issues, Nanthoor Mangalore City Karnataka, India and a Map is generated using Open Street Map using SUMO and the MANET routing protocols AODV, OLSR, DSDV and OLSR are evaluated using NS3. | | |