**CHHATRAPATI SHIVAJI MAHARAJ INSTITUTE OF TECHNOLOGY**

**DEPARTMENT OF SCIENCE & HUMANITY**

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| **Name of the Faculty** | Revatee Bagade | |  | | --- | |  | |
| **Designation** | Assistant Professor |
| **Aadhar ID** | 6812 9201 7005 |
| **No. of B. Tech Project Guided** | 0 |
| **No. of M. Tech Project Guided** | 0 |
| **Area of Specialization** | Image processing | |
| **Diploma** | Diploma in Electrical engineering | |
| **UG Degree** | B.E. (Electronics & Telecommunication Engineering) from Pune University | |
| **PG Degree** | M. E. (Electronics & Telecommunication Engineering) from Mumbai University | |
| **Total Experience** | **Teaching:12 yrs.** | **Industry: 1 yr.** |
| **No. of Journals (National & International)** | 2 | |
| **No. of Patents Published** | 0 | |
| **Roles and Responsibilities** | Examination Understudy | |
| **Guest Lecture Delivered** | Guest Lecture Delivered on **Career Guidance** inBarns Junior College, Panvel. | |
| **FDP’s Conducted** |  | |
| **NPTEL** | 1. Digital Image Processing 2. Machine Learning 3. Control Systems 4. Data Mining | |
| **Area of Interest:** | | |
| Electrical Engineering, Digital Electronics, Image processing, microprocessor, Control systems, AI | | |
| **About My Project work** | | |
| Classification of Texture with Feature extraction using Wavelet approach:  Texture classification is important in pattern recognition. Wavelets are used to analyze the textured images. Wavelet Transform provides the time-frequency representation of a signal. Features are derived from approximation and detail sub band images uniquely. Discrete wavelet transform are used to decompose the textured images into detail and approximation regions. If selected features are suitable and contain enough information about the given samples, the classifier classify them successfully. | | |