**Parul University**

**Parul Institute of Engineering and Technology**

**Information Technology Department**

**Theory of Computation**

**Self-Learning Topics**

**UNIT V UNDECIDABILITY**

1. Non-Recursive Enumerable (RE) Language
2. Undecidable Problem with RE
3. Undecidable Problems about TM
4. Post?s Correspondence Problem
5. The Class P and NP