



SRTCT'S
**SUMAN RAMESH TULSIANI TECHNICAL CAMPUS – FACULTY OF ENGINEERING,
KHAMSHET**

An ISO 9001:2015 Certified Institute
NAAC Accredited Institute

FACULTY PROFILE



Mrs. Sonali S,Patil sonali.patil@srttc.ac.in

Designation: Assistant Professor

Educational Qualification: ME (Computer Engineering), PhD Pursuing(VU,Pune)

Experience in Years: 14.9 Years

Research Area: Industrial Automation

Professional Memberships:

Society	Membership No.
Life Member, The Indian Society for Technical Education	LM 116255

Subject Taught:

Business Analysis & Intelligence, Data Analytics ,ESIoT, Machine Learning ,Advanced Database, OOAD, Mobile Computing, Multimedia systems ,Graphical User Interface & Database ,Data warehousing & Mining, SDA, BIDM ,Smart System Device & Application ,Computer Organization ,Data Base Management System & Application

Professional Development

Workshop/ Seminar/ STTP/FDP Attended:

- Attended 2 weeks Training at B&R India on Industrial Automation as an Interdisciplinary subject for undergraduate engineers “
- Two Days workshop on "Machine Learning & Applications"
- Attended one day BE Computer Engineering syllabus revision meet
- Attended One Day Seminar on "Virtual Reality"
- Attended State Level Workshop on "Emerging Trends on IoT"
- Attended Workshop on “Intellectual Property Right- Patenting”
- Teaching Methodology: 2 Weeks STTP organized by Thakur College of Engineering & Technology, Mumbai, 5th July to 16th Dec 2010.

- Trends in Digital Signal Processing : 2 Weeks STTP organized by *Thadomal Shahani Engineering College, Mumbai*, Mumbai ,5 To 16th Jan2009
- Recent Trends in communication Engineering: 2 Weeks STTP organized by Thakur College of Engineering & Technology, Mumbai, 8 to 19th Dec 2008.
- Data warehousing & Mining (DWM-07) : 3 Days STTP organized by Thakur College of Engineering & Technology, Mumbai, 8 to 10th Jan 2007.
- Mobile Computing With Recent Trends : 2 Days STTP organized by Thakur College of Engineering & Technology, Mumbai, 21 to 22 July 2006.
- Computer Networking : 2 Days STTP organized by Thakur College of Engineering & Technology, Mumbai, 28 to 29th July 2006Research Contribution

Conference /Journal / Patents / Book Publications:

- Research Avenue In Industry 4.0 –Smart Manufacturing
- Asynchronous Periodic Patterns in web log data , National conference on Digital Signal & Image Processing(NCDIP 2007) ,Mumbai ,March 2007
- Facial Gesture Detection and Eye Tracking for checking personality traits during technical tests
- “Processing Big Data Applications using map reduce” MAT Journal , Journal of Data Mining and Management Volume 1 Issue 2
- Exigency Response System with Location Trailing under IoT structure (IJTSRD) Volume-2 Issue-3 2456-6470
- Improvement and Enhancement in Emergency Medical Services using IOT (IRJET) Volume: 05 Issue: 02 | e-ISSN: 2395-0056 p-ISSN: 2395-0072
- A guarantee of Profit Maximization on Multi- Cloud public Platform (IJTSRD).Volume: 02 Issue: 03 ISSN: 2456-6470
- Employee Overseer Attendance Management and Business Analysis System (IJTSRD)Volume-2 | Issue- 3 ISSN: 2456-6470
- 1 **Book** published on “**Distributed systems**”