



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

An ISO 9001:2015 Certified Institute  
NAAC Accredited Institute

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## FACULTY PROFILE



**Name:** Mr. Parag.V.Bute

**Email ID:** hodmech@srttc.ac.in

**Designation:** Assistant Professor & Head

**Educational Qualification:** ME (Design)

**Experience in Years:** 12 Years

**Research Area:** Machine Design, Vibration Analysis, Neural Networks

**Professional Memberships:**

Society	Membership No.
Life Member, The Indian Society for Technical Education	LM 116236

**Subject Taught:**

Design of Machine Elements I & II  
Dynamics of Machinery  
Manufacturing Process  
Mechanical System Design  
Finite Element Analysis  
Theory of Machines I & II

**Professional Development**

**Workshop/ Seminar/ STTP/FDP Attended:**

- Attended workshop on AICTE Examination Reform at COEP.
- Attended workshop on SCILAB Conducted by 'IIT Bombay'.

- Attended workshop on ‘Syllabus Implementation for DME 2015 Pattern’

## Research Contribution

### Conference /Journal / Patents / Book Publications:

- **"Vibration Analysis to Evaluate the Design of Gear Housing of Automotive Using Frequency Response Function"** Published in International Journal of Advanced Engineering Research and Studies (IJAERS) ISSN: 2249-8974 Vol. 4 Issue. IV/II/Jan.-March,2015/42-46
- **"Vibration Analysis Using Finite Element Methodology to Evaluate the Response of Gear Housing of an Automotive to the Material and its Properties"** Published in International journal of scientific research and management studies(IJSRMS) Vol. 1,Issue 9 ISSN No. 2349-3771.
- **“Gear Fault Prediction by using Artificial Neural Network (ANN)–A Review”** Published in International Journal of Current Engineering and Technology (IJCET) INPRESSO Special Issue-7 (March 2017). E-ISSN 2277 – 4106, P-ISSN 2347 – 5161.
- **"Optimization of Process Parameters in Milling Operation by Taguchi’s Technique using Regression Analysis"** Published in International Journal of Science Technology & Engineering (IJSTE) Vol. 2, Issue 11, ISSN No.2349-784X.