



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

An ISO 9001:2015 Certified Institute
NAAC Accredited Institute

FACULTY PROFILE



Mr. Nilesh V. Dhumal

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Designation: Assistant Professor

Educational Qualification: ME (Design), BE (Mechanical)

Experience in Years: 7 Years Teaching
1 Year Industry

Research Area: Design Engineering

Professional Memberships:

Society	Membership No.
Life Member, The Indian Society for Technical Education	LM 116250

Subject Taught:

Design of Machine Elements-I, Design of Machine Elements-II, Theory of Machine-I, Theory of Machine-II, Dynamic of Machinery, Mechanical System Design, Material Science etc.

Professional Development

Workshop/ Seminar/ STTP/FDP Attended:

- Syllabus Revision of Design of Machine Element-II , RSCOE, Tathawade, Pune (8th Nov. 2016)
- Syllabus detailing work-shop of T.E mechanical(Metrology and quality control) RMCOE, Wagholi, Pune(21st Oct. 2016)
- FDP on CIM and Automation in AMGOI, Kolhapur.

- Faculty Development Programme on teaching Methodology. in AMGOI, Kolhapur.
- Two months training in Preetam Industries Kolhapur
- Attend Two days Work shop on Computer aided analysis of structure component by using ANSYS.
- Dell Cam Software By INDIA SOFT one day Work Shop.
- Syllabus Revision of Dynamic of Machinery , JSPM , Hadapsar, Pune (30 June 2018)

Research Contribution

Conference /Journal / Patents / Book Publications:

1. **"Design Development and Optimization of overhead crane"** Paper Publish in JETIR 2017.
2. **"Review paper on Design Development and Optimization of overhead crane"** Paper Publish in IJESRT Vol.6 Issue 3 2017
3. **"Design, Development and Analysis of Viscous Damper for Vibration Reduction in Hand Held Power Machinery"** Paper publish in International Journal Engineering, Science & Research Technology Vol.4 Issue 8 2015.
4. **"Review paper on Vibration reduction in hand held power machinery"** Paper publish in International Journal Engineering, Science & Research Technology Vol.3 Issue11 2014.
5. **"Design of Helical Compression Spring for Front Bumper"** Paper Published in IJSART Volume 4 – March 2018
6. **"Design & Development of Helical Compression Spring for Front Bumper"** Paper Published in IJSART Volume 4 – May 2018
7. **"Design & Development of organic Fertilizer Machine for processing food waste"** paper published in International journal of Engineering & technology Volume -6 march 2019
8. **"Design & Development of Hydraulic Dowel pressing pin machine"** Paper published in International journal of Engineering & technology Volume – April 2019