

CURRICULUM VITAE

SRIKANT TILEKAR

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Teaching Experience:

Institution	Designation	From	To	Duration
Bheemanna Khandre Institute of Technology, Bhalki, India (Present)	Assistant Professor	26-02-2018	Till date	-----
Suman Ramesh Tulisiani Technical Campus, Pune, India	Assistant Professor	15-06-2015	17-09-2017	2.3 Years
SSJ Engineering College, Hyderabad, India	Assistant Professor	08-05-2014	07-05-2015	1 Year
Bhandari Srinivas Institute Technology, Hyderabad, India	Lecturer	12-04-2013	06/07/2014	1.3 years
Imperial College of Engineering, Pune, India	Lecturer	17-09-2011	13-12-2012	1.3 Years

Academic Record:

Degree	Institution	University	Year
M.Tech	Guru Nanak Dev Engineering College Bidar, Karnaaka,India	Visvesvaraya Technological University Belgaum, Karnataka, India	2013-2014
B.E	Bheemanna Khandre institute of technology Bhalki, Karnaaka, India	Visvesvaraya Technological University Belgaum, Karnataka, India	2010-2011

M.Tech Thesis:

Title: Optimization of Process Parameters of Sinker EDM By Using Grey Relational Taguchi Technique

Electrical discharge machining (EDM) is a well established non-contact machining technique for manufacturing geometrically complex shapes on hard and electrically conductive materials that are extremely difficult to cut by conventional process. EDM process is based on thermo-electric energy between the work piece and an electrode. Material removal rate (MRR), Tool wear rate (TWR) & Surface Roughness (SR) is an important performance measure in EDM process. Since long, EDM researchers have explored a number of ways to improve and optimize the MRR including some unique experimental concepts that depart from the traditional EDM sparking phenomenon. Despite a range of different approaches, all the research work in this area shares the same objectives of achieving more efficient material removal coupled with a reduction in tool wear and improved surface quality.

Subjects Taught:

- CAD/CAM
- Finite Element Method
- Numerical Method Optimization
- Control Engineering
- Elements of Mechanical Engineering
- Additive Manufacturing
- Energy & Environment

Languages Known:

- English, Hindi, Marathi, Kannada

WorkShop & Training Attended:

- Attended One Week STTP on ADVANCED WELDING TECHNOLOGY, from 7th to 11th December 2015 conducted by VIIT, Pune.

International Papers Publications:

- OPTIMIZATION OF PROCESS PARAMETERS OF SINKER EDM BY MIXING SIC POWDER IN DIELECTRIC FLUID USING GREY-RELATIONAL TAGUCHI TECHNIQUE; International Journal of Science, Engineering and Technology Research (IJSETR), Volume 4, Issue 12, December 2015, ISSN: 2278 – 7798.
- EFFECT OF DI-CI ENGINE FUELLED WITH ETHANOL ADDITIVE IN WASTE VEGETABLE OIL METHYL ESTER; International Journal of Science, Engineering and Technology Research (IJSETR), Volume 5, Issue 1, January 2016, ISSN: 2278 – 7798.
- TRIGGERING SYSTEM USE IN MARINE MISSILE, in International Journal of Science, Engineering and Technology Research, Volume ...6...Issue ...4..., April-2017.., pp...517-..522.
- STUDY OF APPLICATION OF SIX SIGMA OF DMAIC IN DENT MINIMIZATION IN GEAR MANUFACTURING, GRD Journals- Global Research and Development Journal for Engineering ,Volume 2 , Issue 6 , May 2017 ISSN: 2455-5703

Achivements & Membership Of Professional Societies:

- 100% Live Projects for B.E Students (Guided to more than Eight Groups)
- Life Member of “The Indian Society For Technical Education”(ISTE, LM 116251)

Interest and Activities:

- Listening music, Making friends& Reading comics.
- Watching adventurous channels & playing videogames.

Personal Profile:

Name : Srikant

Date of Birth : 21 FEB 1989

Father Name : Rohidas

Mother Name: Sarika

Spouse: Nagaveni

(SRIKANT.R. TILEKAR)