

CURRICULUM VITAE



Venkatesh.Mankari

Assistant Professor
Dept of Mechanical Engineering
Sri Vasavi Engineering College
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PERSONAL SUMMARY

I am a competent metallurgical engineer with comprehensive knowledge of designing, developing and maintaining metallurgical processes. I have extensive experience in electron microscopy, understanding phase transformations, materials characterization, and technical writing. I am an able leader, capable of coordinating teams, and managing large groups.

Teaching Experience

**Assistant Professor, Dept of Mechanical Engineering
Sri Vasavi Engineering College(2020-contd)**

Vignan's lara institute of technology & science (2016 – 2019)

**EXPERIENCE IN RESEARCH
Heat treatment and metallographic specialist,**

Metal Forgings Industries (2015-2016)

ACADEMIC QUALIFICATIONS

Doctoral of Philosophy: Pursuing National institute of technology Andhra Pradesh (NIT-AP) -
(2019-contd)

Master of Technology

University of Hyderabad,
Thesis Topic: Different Heat Treatment Studies of RAFM Steels

Bachelor of Technology

Mahatma Gandhi Institute of Technology (MGIT),JNT University,
Thesis Topic: Determination of Tri- Butyl Phosphate Content in the Solvent for Hafnium Extraction

Engineering Diploma (Metallurgy)

Government Polytechnic College,

PUBLICATIONS

M.Venkatesh "Enchant for normal and abnormal grain growth microstructure in steel at different annealed temperatures" practical metallography 56.(2019)8

M.Venkatesh, R. Salloom, A. V. Mohan Rao and A. V. Aditya "Tribocorrosion Mechanisms in sliding contacts" Tribocorrosion, fundamentals methods, and materials, forthcoming March 2021, ISBN: 9780128189160,

INTERNSHIP

- Centre for Materials for Electronics Technology (C-MET): Charlapalli, Hyderabad, Telangana 500057, India. Duration: 7 Jan – 11 April 2010
- Prakasa Spectro Cast Pvt Ltd: Enikepadu, Vijayawada-521108, India Duration: 1 May - 30 June 2009
- Kusalava International Limited: Adavinekkalem, Agiripalli Mandalam, 521212, India Duration: 16 June - 15 Dec 2005
- Kowtha Steel Products: Ramavarappadu, Vijayawada-521108, India Duration: 16 Dec 2005 - 15 June 2006

CORE COMPETENCIES

Electron and Optical Metallography, Mechanical Testing, Impact, Hardness, Tensile Testing, Fatigue, Bend test, Corrosion evaluation, Trouble Shooting, Failure Analysis