

## M V N SRUJAN MANOHAR

# S/o Mamidi Garika Rao, 12-17B, Visakha A Colony, 4<sup>th</sup> Lane,  
Srikakulam Mandal, Srikakulam, Andhra Pradesh – 532001.

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### MECHANICAL ENGINEER

Aspiring to work in a challenging environment demanding all my skills and efforts to explore myself in the field of Production/ Manufacturing/ Automation and realize my potential and contribute to the development of organization with impressive performance.

### EXPERIENCE DETAILS

- ✦ Worked as an **ASSISTANT PROFESSOR** in Gayatri Vidya Parishad College of Engineering (A), Madhurawada, Visakhapatnam from 22<sup>nd</sup> Dec 2012 to 13<sup>th</sup> June 2017.

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### PROFILE

- ✦ Registered PhD (Full Time) in the field of Advanced Welding on November 2017, from Mechanical Engineering Department, Pondicherry Engineering College, Puducherry.
- ✦ Qualified individual with Master of Technology in Advanced Manufacturing Systems from University College of Engineering, JNTU Kakinada.
- ✦ Possess good understanding in Manufacturing Technology and Industrial Management.

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### EDUCATIONAL CREDENTIALS

**Ph.D. (Mechanical Engineering) – Registered: November 2017 (Thesis Preparation)**

Pondicherry Engineering College (PTU), Puducherry

**M.Tech (Advanced Manufacturing Systems) – November 2012 (86.92%)**

University College of Engineering, JNTU Kakinada.

**B.E. (Mechanical Engineering) – April 2010 (69.12%)**

SRKR Engineering College, Bhimavaram, Andhra University.

**Intermediate (M.P.C) – March 2006 (88.40%)**

Narayana Junior College, Visakhapatnam, Board of Intermediate Education.

**SSC – March 2004 (84.66%)**

MNR High School, Visakhapatnam, Board of Secondary Education.

## **TECHNICAL SKILLS**

ANSYS (Beginner), CNC machining, Internet and Desktop Applications.

## **ACADEMIC PROJECTS UNDERTAKEN**

- ✦ Post Graduation project on “Design and Analysis of Piston rod in a Pneumatic Shaping machine for Auto Indexing Gear cutting attachment” at Sri Santhasivam Industries, Coimbatore, Tamil Nadu.
  - ✦ Under Graduation project on “Modification of Cross Travel Shaft in Gas cutting machine under Continuous Casting Department” at Rashtriya Ispat Nigam Limited, Visakhapatnam, Andhra Pradesh. ✦
- Undertaken two weeks Industrial Training at Hindustan Shipyard Limited, Visakhapatnam.

## **JOURNALS/CONFERENCES PUBLISHED**

- ✦ An International Journal on “Mechanical Parameters Response on Micro-Friction Stir Welding of AA6061 and SS304 sheets”, Journal of Advanced Manufacturing Systems (**Under Evaluation**).
- ✦ An International Journal on “Prediction on Mechanical and Microstructural Behaviour of Friction Stir Welded Thin Gauge Aluminium-Copper Sheets”, Materials Today – Proceedings, March – **2020**, via ICAMR – 2019, BIT Sathy, Coimbatore.
- ✦ An International Journal on “Optimization of Machining Parameters for AISI 316L and 317L Austenitic Stainless Steels using Eco-cut Wire-EDM Technique”, IJEAT, Vol. 9 Issue 2, December – **2019**.
- ✦ An International Journal on “Performance of H13 and HCHCR Tool Materials on Friction Stir Welded 6070Aluminium Alloy Plates Subjected To Different Temper Conditions”, IJRTE, Vol. 8 Issue 4, November – **2019**.
- ✦ A National Journal on “Material Characterization on Dissimilar Weldments of AISI 316L/317L Austenitic Stainless Steels”, CSIR - Journal of Scientific and Industrial Research, Vol. 77, **2018**.
- ✦ A National Conference on “Investigations of magnetic field arrangements on machining parameters in die sinking EDM for high speed steel using artificial neural networks” at NCAMMS **2015**, QIS College of Engineering and Technology (Autonomous), Ongole, Andhra Pradesh’, India.
- ✦ A National Conference on “Investigations of machining parameters on surface roughness values for high strength low alloy steels in CNC machine using artificial neural networks” at NCAMMS **2015**, QIS College of Engineering and Technology (Autonomous), Ongole, Andhra Pradesh’, India.

- ✦ An International Conference on “Engineering Characterization of Godavari River Sand for Moulding in Foundry Work” at ICRTETM **2014**, Mount Zion College of Engineering, Kadammanitta, Kerala, India.
- ✦ A Journal published on my Post Graduation project in International Journal of Engineering Research & Technology (IJERT) Vol. 1 Issue 6, Reg No: IJERTV1IS6443, ISSN: 2278-0181, August – **2012**.

## **WORKSHOPS & SEMINARS ATTENDED/CONDUCTED**

- ✦ Participated in a Two-Day National Seminar (under SERB – India) on “Advanced Joining Techniques of Dissimilar Materials for Engineering Applications”, ANITS Visakhapatnam in January **2020**.
- ✦ Participated in a Five-Day International Workshop (under Newton Fund Programme and Higher Education Partnership – India) on “Advancements in Welding Technology”, NIT Trichy in June **2018**.
- ✦ Participated in a Two-Day Short Term Course (under TEQIP-II) on “Entrepreneurship Development” conducted by AU College of Engineering (Autonomous), Andhra University in December **2015**.
- ✦ Participated in a Five-Day Short Term Course (under TEQIP-II) on “Essential Techniques for Research Problems in Materials and Manufacturing” conducted by NIT Warangal in April **2014**.
- ✦ Participated in a Five-Day Short Term Course (under TEQIP-II) on “Essential Techniques for Research Problems in Manufacturing and Measurements” conducted by NIT Warangal in July **2013**.
- ✦ Participated in the Faculty Enablement Program (under TEQIP-II) on “Introduction to Aircraft Industry and Systems” conducted by Infosys Mysore in May **2013**.
- ✦ Organized and coordinated the workshop on “Robotryst-2013” conducted by Robosapiens in collaboration with I.I.T Delhi at KITS Technical Campus, Divili, Andhra Pradesh in September **2012**.
- ✦ Participated in the workshop (under TEQIP-II) on “Advanced Finite Element Applications in Design and Manufacturing Systems” conducted by JNTU Kakinada in April **2012**.

## **MEMBERSHIPS AWARDED**

- ✦ Life Member in MRSI (LMB2440)
- ✦ Life Member in ISAMPE (L-1626)
- ✦ Life Member in IAENG (129626)
- ✦ Member in IAHEAM, Kerala
- ✦ Member in IIM (OM - 53816), Visakhapatnam Chapter

## **EXTRA CURRICULAR ACCOLADES**

- ✦ Worked as a Course Coordinator for preparing MOOCS online courses, Syllabus framing as per Course Outcomes for Manufacturing related subjects and other NBA related activities from 2015-2017.

- ✦ Organized as a Faculty coordinator in A two day National Level Technical Symposium  
“VIVAAN 2K16” under ASME student chapter in Mechanical Engineering Department at Gayatri Vidya Parishad College of Engineering (A), Visakhapatnam for the year 2016
  - ✦ Organized as a Faculty coordinator in A two day National Level Technical Symposium  
“VIVAAN 2K15” under ASME student chapter in Mechanical Engineering Department at Gayatri Vidya Parishad College of Engineering (A), Visakhapatnam for the year 2015
  - ✦ Organized and coordinated as a student member in A Second National Level Technical Symposium  
“SANKETA’09” in Mechanical Engineering Department at SRKR Engineering College, Bhimavaram for the year 2009.
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**Languages Known:** English and Telugu.

**Hobbies:** Swimming and Travelling.

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## **DECLARATION**

I hereby inform that the information furnished above is true to the Best of my knowledge.

**Place: SRIKAKULAM**

**Date: 24-08-2020**

**(M.V.N. SRUJAN MANOHAR)**