

M V N SRUJAN MANOHAR

S/o Mamidi Garika Rao, 12-17B, Visakha A Colony, 4th 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** (Mechanical Engineering) in Gayatri Vidya Parishad College of Engineering (Autonomous), Visakhapatnam from 22nd Dec 2012 to 13th June 2017.
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PROFILE

- Registered PhD (Full Time) in the field of Micro-Friction Stir Welding Technology on November 2017, with the Department of Mechanical Engineering, 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 Materials Testing and Characterization Techniques.
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EDUCATIONAL CREDENTIALS

Ph.D. (Mechanical Engineering) – Thesis Submitted – November 2021
Pondicherry Engineering College, 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.

ACADEMIC PROJECTS UNDERTAKEN

- **PhD Thesis:** “An Experimental Study of Welding Parameters Behaviour on Dissimilar Thin Gauge Sheets using Micro-friction Stir Welding” Pondicherry University, Puducherry (Thesis Submitted).
- **Post Graduation Thesis:** “Design and Analysis of Piston rod in a Pneumatic Shaping machine for Auto Indexing Gear cutting attachment” JNTU University Kakinada.
- **Under Graduation Thesis:** “Modification of Cross Travel Shaft in Gas cutting machine under Continuous Casting Department” SRKR Engineering College, Bhimavaram.

JOURNALS PUBLISHED

- Y Seetharama Rao, M.V.N. Srujan Manohar and S V V Siva Praveen, “CFD simulation of NACA airfoils at various angles of attack” **IOP conference series: Materials Science and Engineering**, 2021, Volume 1168, Part 1, Issue 012011, Pages 1-11 (**CPCI-Science WoS indexed**).
- M.V.N. Srujan Manohar and K. Mahadevan, “Multi-Response Optimization of Weld-process variables for Micro-Friction Stir Welding of Al6061(T6) and Cu101 sheets using TOPSIS method” **IOP conference series: Materials Science and Engineering**, 2021, Volume 1168, Part 1, Issue 012002, Pages 1-8 (**CPCI-Science WoS indexed**).
- M.V.N. Srujan Manohar and K. Mahadevan, “Mechanical Parameters Response on Micro-Friction Stir Welding of AA6061 and SS304 sheets” **Journal of Advanced Manufacturing Systems**, 2021, Volume 20, Issue 3, Pages 495-511 (**ESCI and Scopus indexed**).
- M.V.N. Srujan Manohar and K. Mahadevan, “Prediction on Mechanical and Microstructural Behaviour of Friction Stir Welded Thin Gauge Aluminium-Copper Sheets” **Materials Today – Proceedings**, 2021, Volume 45, Part 2, Pages 700-707 (**Scopus indexed**).
- M.V.N. Srujan Manohar, Y S Rama Rao and Sreeram, “Optimization of Machining Parameters for AISI 316L and 317L Austentic Stainless Steels using Eco-cut Wire-EDM Technique” **IJEAT**, 2019, Volume 9, Issue 2, Pages 1950-1955 (**Scopus indexed**).
- M.V.N. Srujan Manohar, K. Mahadevan and Aravindan, “Performance of H13 and HCHCR Tool Materials on Friction Stir Welded 6070Aluminium Alloy Plates Subjected To Different Temper Conditions” **IJRTE**, 2019, Volume 8 Issue 4, Pages 5261-5266 (**Scopus indexed**).
- M.V.N. Srujan Manohar, Y S Rama Rao and Sandilya, “Material Characterization on Dissimilar Weldments of AISI 316L/317L Austentic Stainless Steels” **CSIR – Journal of Scientific and Industrial Research**, 2018, Vol. 77, Issue 9, Pages 533-536 (**SCI and Scopus indexed**).

CONFERENCES PUBLISHED

- M.V.N. Srujan Manohar and K. Mahadevan, “Effect of Weld-Pitch on Mechanical Responses during Micro-Friction Stir Welding of Aluminium alloy and Pure Copper Sheets” at **ICAMSER – 2021**, Chitkara University, Himachal Pradesh.
- M.V.N. Srujan Manohar and K. Mahadevan, “Influence of Weld Pitch Behaviour on Mechanical and Metrological Parameters for Micro-Friction Stir Welded Aluminium alloy and Stainless Steel sheets” at **ICRAME – 2020**, Andhra University College of Engineering (A), Visakhapatnam, Andhra Pradesh.
- M.V.N. Srujan Manohar, Aditya R and Jitendra, “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.
- M.V.N. Srujan Manohar, Jitendra and Aditya R, “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.
- Dr. D. Srinivasa Rao, Pradeep, M.V.N. Srujan Manohar and Venkatesh, “Engineering Characterization of Godavari River Sand for Moulding in Foundry Work” at **ICRTETM 2014**, Mount Zion College of Engineering, Kadammanitta, Kerala.

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**.
- Participated in the workshop (under TEQIP-II) on “Advanced Finite Element Applications in Design and Manufacturing Systems” conducted by JNTU Kakinada in April **2012**.

TECHNICAL SKILLS

CNC machining, Internet and Desktop Applications.

MEMBERSHIPS AWARDED

- Life Member in MRSI (LMB2440)
- Life Member in ISAMPE (L-1626)
- Life Member in IAENG (129626)

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.
- Working as a Visiting Faculty for teaching Manufacturing Operations and Size Reduction Techniques subject at Dr. Reddy's Laboratories under TISS evolution for regular employees.

Languages Known: Telugu, English and Hindi.

Hobbies: Swimming and Travelling.

REFERENCES

1. **Dr. Y. Seetharama Rao**, Associate Professor, Mechanical Engineering, Gayatri Vidya Parishad College of Engineering (Autonomous), Visakhapatnam – 530048
Email ID: yseetharamarao24@gvpce.ac.in Mobile: 9866070401
2. **Dr. K. Mahadevan**, Professor, Mechanical Engineering, Pondicherry Engineering College (Autonomous), Puducherry – 605014
Email ID: mahadevan@pec.edu Mobile: 9443042149

DECLARATION

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

M.V.N. Srujan Manohar

(M.V.N. SRUJAN MANOHAR)



COLLEGE OF ENGINEERING
(Autonomous)

GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING

(Autonomous)

Approved by AICTE & Affiliated to JNTU - Kakinada
Accredited by NAAC with 'A' Grade with a CGPA of 3.47/4.00
All UG Programs accredited by NBA, AICTE



Dr. A. B. KOTESWARA RAO,
Ph.D. (IIT, Delhi), FIE (India)
PRINCIPAL

SERVICE-CUM-RELIEVING CERTIFICATE

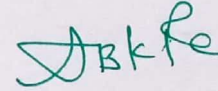
This is to certify that **Sri M.V.N. Srujan Manohar** has worked as Assistant Professor in the Department of **Mechanical Engineering**, G.V.P. College of Engineering (Autonomous) from **22.12.2012** to **13.06.2017**. His last pay drawn details are as given below:

Basic pay:	Rs.17,047/- p.m.
AGP:	Rs. 6,000/- p.m.
Allowances	Rs.19,590/- p.m.

Total:	Rs.42,637/- p.m.

He is relieved of his duties at his request.

Date: 13.06.2017


13/6/2017

PRINCIPAL

Principal
G.V.P. College of Engg (Autonomous)
Madhurawada
VISAKHAPATNAM - 530 048



భారత ప్రభుత్వం
GOVERNMENT OF INDIA



మామిడి వెంకట నాగ స్రుజన్ మనోహర్
Mamidi Venkata Naga Srujan Manohar

పుట్టిన సంవత్సరం/Year of Birth: 1989
పురుషుడు / Male



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ఆధార్ - సామాన్యని హక్కు



భారత విశిష్ట గుర్తింపు ప్రాధికార సంస్థ
UNIQUE IDENTIFICATION AUTHORITY OF INDIA

చిరునామా: S/O గారికా రావు,
12-17బి,
విశాఖ ఏ కాంపి,
4థ్ లైన్,
పాత శ్రీకాకుళం రూరల్,
శ్రీకాకుళం,
శ్రీకాకుళం,
ఆంధ్ర ప్రదేశ్,
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आयकर विभाग

INCOME TAX DEPARTMENT



भारत सरकार

GOVT. OF INDIA

M V N SRUJAN MANOHAR
GARIKA RAO MAMIDI

17/02/1989

Permanent Account Number

BHRPM5689L

M V N Srujan Manohar
Signature

