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Overview : -

Mr.N.Manikandan Working as an Assistant Professor (Sr.G) in the Department of Mechanical Engineering at SRMIST,Ramapuram. He Graduated in Mechanical Engineering at Anna University,Chennai,Tamilnadu, India. He secured Master of Technology in CAD /CAM at M.G.R University, Chennai, India. He Pursuing Ph.D. in the field of Wire arc Additive Manufacturing at SRM IST, KTR, Chennai, India. He is in teaching profession for more than 16 years.

Areas of Research:

Welding, WAAM, Additive Manufacturing

Selected Publications:

- 1.Design and fabrication of MEMS based intracranial pressure sensor for neurons study
- 2.PERFORMANCE STUDY OF HUMAN HAIR FIBER REINFORCED COMPOSITE FOR THE SUBSTITUTION OF ALUMINIUM ALLOY PISTON
- 3.Design and development of rear under ride protection device (RUPD) with improved energy absorption using ANSYS
- 4.IMPLEMENTATION OF SHORELINE OIL SPLITTER
- 4.INCORPORATION OF SPECIAL ATTACHMENT IN EXISTING VEHICLE TO PREVENT FACTUAL DEATH IN ROAD ACCIDENT
5. DESIGN OF SEASHORE OIL SPLITTER
6. Design And Manufacturing Al-Si (Er4043) Aluminum Aircraft Landing Gear Base Plate Using Wire Arc Additive Manufacturing Process (Waam)
6. Design And Fabrication Of Al-Si (Er4043) Aluminium Impeller Using Wire Arc Additive Manufactured (Waam)
7. Design and implement of high gain and low noise neural amplifier using compensation techniques
8. A Design of Single Axis Solar Tracking System Using Embedded

9. PERFORMANCE STUDY OF MECHANICALLY OPERATED AIR FILTRATION UNIT USING ACTIVATED CARBON FILTER
10. DESIGN A DOMESTIC THERMAL DESALINATION PLANT WITH SALT PRODUCTION

Books/Book Chapters Published:

202241038699/vl/Patent-369 - DEVELOPMENT AND IMPLEMENTATION OF CONTROL FLIGHT MANEUVER IN INTEGRATED DIHEDRAL PLANE VTOL UAV

Professional Bodies:

Member – IEEE, ACM, IAENG

Google Scholar:

<https://scholar.google.com/citations?user=R9Zrk7gAAAAJ&hl=en>