MOHAN.S.R

jasemohan@gmail.com
+91-9003266810

OBJECTIVE

To purse a rewarding career in the field of engineering and technology by facing the challenges in the environment, to utilize my skills and abilities in the field that offers professional growth while being resourceful, innovative and flexible.

EDUCATION

- **M.TECH – CAD/CAM:** Passed in first class with distinction [8.57 CGPA]
  From B.S. AbdhurRahman University, Vandalur in the year 2013.
- **BE – MECHANICAL ENGINEERING:** Passed in first class with distinction [76%]
  From Adhiparasakthi Engineering College, Melmaruvathur in the year 2011.
- **HIGHER SECONDARY EXAMINATION:** Passed in first class [77.91%]
  From Govt. Higher Secondary School in the year 2007.
- **X STANDARD (SSLC):** Passed in first class [86.60%]
  From Govt. Higher Secondary School in the year 2005.

EXPERIENCE DETAILS

S. No	Name of Institution	Year
1.	Anand Institute of Higher Technology, Chennai	4 Years /Asst.Prof
2.	Dhaanish Ahmed College of Engineering, Chennai	3 Years /Asst.Prof
3.	Mohamed Sathak A J College of Engineering	3 Years /Asst.Prof

COLLEGE ENVIRONMENT

- Experience in Electric Vehicle Fabrication
- Experience in NBA Criteria files
- Experience in NAAC Criteria files
- Institution Exam Cell In-charge

PUBLICATIONS

- Published a Patent on **"VOICE BASED PRODUCT RECOGNITION FOR VISUALLY IMAPIRED"**, June 2023, India.

- Patent Granted on **"REFRIGERATOR WITH FOOD WARMING APPARATUS ATTACHMENT"** March 2023, India.
- Published a Patent on "**STUDY ON MECHANICAL CHARACTERIZATION OF GRAPHENE REINFORCED ALUMINIUM METAL MATRIX COMPOSITES**", March 2021, India.
- Published a Text Book affiliated to Anna University "**ENGINEERING GRAPHICS**", Vinayaga Publications, 2018.

INTERNATIONAL JOURNAL

1. "Machine learning approach for measuring water quality of coastline and estuaries in Chennai coastal area" Environmental Quality Management, Wiley (2023)
2. "Mechanical and Wear Behaviour of AA6061/SiC Composites Fabricated by Powder Metallurgy Method" at Scopus Indexed; Elsevier Materialstoday (2019)
3. "Multi response optimization of turning process parameters using TOPSIS and finite element analysis simulation using DEFORM 2D" at Advances in Natural and Applied Sciences (2018)
4. "Design and Finite Element Analysis of Automotive propeller shaft using composite materials" at Seventh Sense Research Group (SSRG) (2017)
5. "Investigation on Corrosion Behavior of Mild Steel Using Al, Zn, Ni-Cr Coatings By Thermal Spray Technique" at International Journal of Latest Technology in Engineering, Management & Applied Science (2017)

INTERNATIONAL CONFERENCE

1. "Analysing Mechanical Properties of Hybrid Aluminium Alloy Composite Using Stir Casting Process" at Dhaanish Ahmed College of Engineering. (2019)
2. "Design and Finite Element Analysis of Automotive propeller shaft using composite materials" at Sri Venkateswara College of Technology. (2017)

NATIONAL CONFERENCE

1. "Finite Element Analysis and Optimization of Machining Parameters in Turning Using Deform-2D" at Chendhuran College of Engineering & Technology, Pudukkottai. (2011)
2. "Design Optimization of Crush Box for Automotive Applications" at Saveetha Engineering College, Chennai. (2013)
3. "Corrosion Analysis of Mild Steel using Al, Zn & Ni-Cr Coatings by Thermal Spray Method" at SRM University, Chennai. (2017)

WORKSHOPS

- **"Goal Setting"** 2 days faculty development programme by ICT Academy at Sri Sairam Engineering College.
- **"Green Manufacturing"** at Saveetha Engineering College, Chennai
- **"Advanced Metrology in Manufacturing Engineering"** at College of Engineering, Guindy, Chennai.

CERTIFICATION

PG DIPLOMA IN

- Auto CADD Mechanical
- Solidworks
- Ansys

PERSONAL SKILLS

- Self motivated

- Ability to grasp things quickly

- Ability to deal with people diplomatically

- Willingness to learn, team facilitator & hard worker

AREA OF INTEREST

- Engineering Graphics
- Engineering Mechanics
- Finite Element Analysis
- Thermodynamics & Thermal Engineering

PERSONNEL DETAILS

Name	: Mohan.S.R
Date of Birth	: 2nd June 1990
Address	: No:122, Otraivadai street, Pothaturpet, Pallipet taluk, Thiruvallur District, Pin-631208
Languages	: English, Tamil

PLACE : CHENNAI

DATE : 08-08-2023   (Mohan.S.R)