

PROFILE



Name: Freedom Daniel

Designation: Head & Assistant Professor

E-Mail: freedond@srmist.edu.in

Professional Qualification:

Degree	Institute/Organization	Specialization	Year of Passing
M.E	Crescent Engineering College , Madras University	Computer Aided Design	2001
B.E	R.V.S. College of Engineering & Technology, Madurai Kamaraj University	Mechanical Engineering	1999

Publications (Journals):

- Chandan Pandey, Manas Mohan Mahapatra, Pradeep Kumar, **Freedom Daniel**, B.Adhithan, **"SOFTENING MECHANISM OF P91 STEEL WELDMENTS USING HEAT TREATMENTS"** ACME-D-18-00502R7, ELSEVIER, 2018
- Subbarao , **Freedom Daniel**, Harshit Sharma, **" REDESIGNING OF PRODUCTION LINE FROM LEAN MANUFACTURING TOOLS BY USING VSM FOR A SCREW MANUFACTURING FIRM"**, International Journal Of Advanced Engineering Research And Science, Aug 2016, Issue No. 8, Volume No. 3 (ISSN:2349-6495(P) | 2456-1908(O))
- Subbarao, **Freedom Daniel**, Gaganjot Singh Sidhu , **"AN ALTERNATIVE SOURCE OF ENERGY- JATROPHA BIODIESEL"**, Journal of Basic and Applied Engineering Research , October-December -2015, pp. 1862-1865, Volume 2, Issue 21; p-ISSN:2350-0077; E-ISSN: 2350-0255
- Subbarao, **Freedom Daniel**, Harshit Sharma , **"SELECTION OF BEST LEAN CONCEPT FOR SCREW MANUFACTURING FIRM USING ASP "**, Journal of Basic and Applied Engineering Research July – September , 2016, pp. 910-913, Volume 3, Issue 10; p-ISSN:2350-0077; E-ISSN: 2350-0255
- Shanthi Raju, Subbarao, **Freedom Daniel** , **" OPTIMIZATION OF PROCESS PARAMETERS OF FINEMET TO OBTAIN QUALITY AMORPHOUS RIBBONS"** International Journal Of Mechanical and Production Engineering, September, 2015, pp. 910-913, Volume 3, Issue 9; ISSN:2320-2092
- Shikhar Jamuar, Subbarao, **Freedom Daniel** ,Sanjeev Kumar **" CAUSE AND DEFECT ANALYSIS OF HEAD COMPRESSION LEAK OF A TRACTOR ENGINE"**, International Journal Of Current Engineering and Scientific Research, Volume 4, Issue 9; ISSN(online) :2394-0697 | ISSN (Print) : 2393-8374
- Gyanendra Bagri, Freedom Daniel, Raghav Kushagra, Raghav Murarka **"DESIGN & FABRICATION OF LAND SURFER"** , IJESTR, Volume 4, Page 31-36, Jan 2014

- Atishey Mittal, Atul Kumar, Freedom Daniel “ **OPTIMIZATION OF CUTTING PARAMETER FOR EFFICIENT ENERGY IN CNC MILLING MACHINE – A REVIEW**”, IJESRT, Volume 5, Page 384-389, Mar 2016

Conferences:

- Published a paper titled “ **EXPERIMENTAL ANALYSIS ON HANDICAP TRICYCLE**” in International Conference on Emerging Technology in Science, Engineering & Management, 2015
- Published a paper titled “ **DESIGN AND FABRICATION OF ENDLINE TESTING MACHINE**” in International Conference on Emerging Technology in Science, Engineering & Management, 2015
- Published a paper titled “Optimization of Process parameters of Finemet to obtain quality amorphous ribbons” in International Conference on Engineering & Technology
- Published a paper titled “**Cause And Defect Analysis Of Head Compression Leak Of A Tractor Engine**, Volume 4, Issue 9; ISSN(online) :2394-0697 | ISSN (Print) : 2393-8374” in International Journal Of Current Engineering and Scientific Research
- Published a paper titled” **Applications of Technical Terminology in modeling, optimization & computing in science & technology (Sponsored by MHRD, Govt of India)**” in Commission for Scientific and Technical Terminology
- Published a paper titled” **Experimental investigation of a diesel engine operated with Linseed oil**” in International conference on Technological advancements in materials science and manufacturing
- Published a paper titled “**Hydroponic Farming A state of art the future agriculture**” in 4th international conference in ICAME-2022

Work Experience:

- Working as an **Assistant Professor** in **SRM IST, NCR Campus** , Modinagar, Ghaziabad(Since 10th Jan 2005 to till date)

Professional Memberships:

- Universal Association of Mechanical and Aeronautical Engineers (Membership Number # AM101000582183)
- International Association of Engineers (Membership Number # 215521)