




TAGORE ENGINEERING COLLEGE

(A Member of Tagore Group of Institutions Chennai)

Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai

ACCREDITED BY IQAC-NAAC WITH 'A' GRADE

FACULTY PROFILE

PERSONAL DETAILS			
Name & Qualification	Mr. A. SURENDER PAUL B.E., M.Tech.,		
Designation	ASSISTANT PROFESSOR		
Department	AERONAUTICAL ENGINEERING		
Total Teaching Experience	10.4 Years		
Total Research Experience	NIL		
Total Industry Experience	NIL		
Area of Specialization	Vibration & Aeroelasticity, Finite Element Methods, Experimental Stress Analysis		
AICTE Faculty ID	2280326668		
Email ID	a.surenderpaul@gmail.com		
EDUCATIONAL DETAILS			
Degree	Branch/ Specialization	University	Year
B.E	Aeronautical Engineering	Anna University	2012
M.Tech	Aeronautical Engineering	Hindustan University	2014
Ph.D.	nil		
RESEARCH / PUBLICATION DETAILS			
Publications in Journal			
1. Published an article titled “Comparison of V groove design on mechanical performance and fracture behaviour in TIG welding of 5754-H111 aluminium alloy” in Elsevier - Materials Today: Proceedings, 16 March 2024			

2. Published a Paper entitled “**Assessment of solar thermal monitoring of heat pump by using zeolite, silica gel, and alumina nanofluid**” in *Q1 Journal- Springer-Clean Technologies & Environmental Policy*, 27 June 2023
3. Published an article titled “**Effect of Chemical Treatment on Mechanical Properties of Prosopis Juliflora Fibre and Glass fibre with Nano Fillers**” in *Elsevier - Materials Today: Proceedings*, 27 March 2023
4. Published a paper on **Mechanical & Metallurgical Behaviors of Nitrided Aircraft Shaft** in International Journal of Scientific & Engineering Research (IJSER) , September 2015
5. Published a paper on **Numerical Analysis of Turbulence Mixing by Shockwave Interaction in Scramjet Combustor** and published paper in International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET). Vol. 3, issue 3, 2014, ISSN: 2319-8753.

Conference Proceedings

1. Presented a Paper entitled “**Antifrosting Behaviour of Carbon Fibre/Epoxy through Super hydrophobic Coating**” in international Conference on “Global Conference on Aeronautical, Aerospace & Mechanical Sciences (GCAAMS 2024)” Organized by the Department of Aeronautical & Mechanical Engineering, Global Academy of Technology, during 03 & 04 May 2024
2. Presented a Paper entitled “**Design, Fabrication & Demonstration of a Space Debris Remover**” in National Conference on “Small Satellites for Rural Applications (NCSSRA 2023)” Organized by the Department of Aeronautical Engineering, Kalasalingam Academy of Research & Education, during 28 & 29 April 2023.

Books / Chapters Published

NIL

Fund Received

NIL

Patent Applied / Published/Granted

- **Patent Filed in the name of the title of invention: “Development of Low Cost Windmills” Dated: 19.03.2024{Application No: TEMP/E-1/25085/2024-CHE}.**
- **Patent Filed in the name of the title of invention: “Development of Electricity Generating Shock Absorber” Dated: 25.02.2024 {Application No: TEMP/E-1/15744/2024-CHE}.**

CITATIONS

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nil

RESEARCH GUIDANCE DETAILS

	NIL	
PROFESSIONAL SOCIETY MEMBERSHIP DETAILS		
	NIL	