



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	V. JAYA KUMAR, M.E,		
Designation	Assistant Professor		
Department	Aeronautical Engineering		
Total Teaching Experience	7.4 Years		
Total Research Experience	-		
Total Industry Experience	-		
Area of Specialization	Aerodynamics, Propulsion and Structural Dynamics		
AICTE Faculty ID	1-4570203872		
Email ID	Jaikumar.v16@gmail.com vjayakumar@tagore-engg.ac.in		
EDUCATIONAL DETAILS			
Degree	Branch/ Specialization	University	Year
UG	Aeronautical Engineering	Anna University	2013
PG	Aeronautical Engineering	Anna University	2015
Ph.D	-	-	-
RESEARCH / PUBLICATION DETAILS			
Publications in Journal			
<ol style="list-style-type: none"> Design and Analysis of Reduction of Induced Drag using Ring-Wing configuration, International Journal of Engineering Research & Technology (IJERT), Vol. 6 Issue 02, February-2017. Design and Analysis of Wavy Profile on Three Dimensional Aircraft Wing, AIAA Aviation Forum, Applied Aerodynamics, May-2020 Fabrication of Stun Gun Drone with Wireless Trigger for Security, International Journal for Scientific Research and Development, Vol.9 Issue 12, February-2022 			
Conference Proceedings			
<ol style="list-style-type: none"> Fabrication for Open Cell Aluminum Form for Heat Exchanger Application, National Conference on Recent Trends in Aerospace Engineering (RTAC-13), Dhanalakshmi 			

Srinivasan College of Engineering and Technology on 20/03/2013

2. Analysis Based on Maneuvering performance to Reduction of Induced Drag using Ring-Wing Configuration, National Convention on Recent Trends in Aeronautical Engineering (FLYERZ-2K14), GKM College of Engineering and Technology on 26/09/2014
3. Design and Analysis of Reduction of Induced Drag using Ring-Wing configuration, 5th International Congress on Computational Mechanics and Simulation (ICCMS 2014) in CSIR-SERC, Taramani, from 10/12/2014 to 13/12/2014
4. Design and Analysis of sandwich structure with core of airloy and pyrogel, 1st International Conference on Recent Trends in Science and Technology, Organized by TECHOWN and GKM College of Engineering and Technology, Chennai on 20/04/2018
5. Fabrication of mounting bracket using glass fiber and epoxy composites, 2nd International Conference on Recent Trends in Science and Technology, Organized by TECHOWN and GKM College of Engineering and Technology, Chennai on 20/03/2019.
6. Design and Performance Analysis of Wavy Profile on 3D Aircraft Wing, 3rd International Conference on Recent Trends in Science and Technology, Organized by TECHOWN and GKM College of Engineering and Technology, Chennai on 06/05/2020.
7. Design and Analysis of Wavy Profile on Three Dimensional Aircraft Wing, International Conference on “Challenges and Opportunities in Aeronautics, Astronautics and Aviation” organized by The Institution of Engineers (india), Tamilnadu State Centre and Institute of Aeronautics Astronautics and Aviation (IAAA) from 30/05/2020 to 31/05/2020.

Books / Chapters Published

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Fund Received

-

Patent Applied / Published/Granted

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CITATIONS

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H-INDEX

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RESEARCH GUIDANCE DETAILS

Sl.No	University	Supervisor ID / Reference
1	Anna University, Chennai	-
2	Number of UG Scholars Guided	10
3	Number of PG Scholars Guided	1
4	Number of Ph.D. Scholars Guided	-
5	Number of Ph.D. Scholars Pursuing	-

PROFESSIONAL SOCIETY MEMBERSHIP DETAILS

Sl.No	Professional Society Name	Member ID
1	The Aeronautical society of India	M-20556