




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. J.GNANASEKARAN. B.E (Mech), M.E(Aero), (PhD)		
Designation	ASSOCIATE PROFESSOR & HEAD		
Department	AERONAUTICAL ENGINEERING		
Total Teaching Experience	9 Years 6 Months		
Total Research Experience	5 Years 6 Months		
Total Industry Experience	NIL		
Area of Specialization	CFD, High speed Gas Dynamics, Propulsion.		
AICTE Faculty ID	1-45333086582		
Email ID	aerojayagnana@gmail.com		
EDUCATIONAL DETAILS			
Degree	Branch/ Specialization	University	Year
B.E	Mechanical Engineering	Anna University	2006
M.E	Aeronautical Engineering	Anna University	2012
Ph.D.	Propulsion	Anna University	2024 (Thesis Submitted)
RESEARCH / PUBLICATION DETAILS			
Publications in Journal			
1. J. Gnanasekaran. B. T. N. Sridhar.” Investigation on compression ramp with surface V-Groove for scramjet combustors”. Journal of the Brazilian Society of Mechanical Sciences and Engineering (2024) 46:570, https://doi.org/10.1007/s40430-024-05154-9 .			

Conference Proceedings		
<div>1. R. Pugazhendhi, J.Gnanasekaran, and B.T.N. Sridhar. ” Study of flow field in a model Scramjet-Combustor with cross-flow air injection behind a compression ramp”. Symposium on applied aerodynamics and Design of Aerospace Vehicles (SAROD 2024), IIST Thiruvananthapuram</div> <div>2. R. Pugazhendhi, J.Gnanasekaran, and B.T.N. Sridhar. ” An Experimental study on a shock structure in a model scramjet combustor with cross airflow injection”. 5th National Aerospace propulsion conference at IIT Madras (NAPC 2025)</div>		
Books / Chapters Published		
NIL		
Fund Received		
NIL		
Patent Applied / Published/Granted		
CITATIONS	nil	
H-INDEX	nil	
RESEARCH GUIDANCE DETAILS		
	NIL	
PROFESSIONAL SOCIETY MEMBERSHIP DETAILS		
	NIL	