


FACULTY PROFILE

Name of Teaching Staff / RMK ID	Dr. R. Rajaraman / T0667			
Designation	Associate Professor (Gr-I)			
Department	S&H (Mathematics)			
Date of Joining the Institution	03.08.2011			
Qualifications	M.Sc.,	M.Phil.,	Ph.D.	
Total Experience	Overall: 20 Years		in RMK: 14 Years	
Papers Published in Journal	Overall: 05		After Joining RMK: 05	
List of Papers Published	<ol style="list-style-type: none"> 1. Rajaraman, R and Muthucumarswamy, R. (2022). Numerical Solution of Radiative and Viscous Dissipative Fluid Flow along an Oscillating Vertical Plate. Symmetry, 14(7): 1488. (SCI, WoS and Scopus). https://doi.org/10.3390/sym14071488 2. R. Rajaraman and R. Muthucumarswamy (2023). Numerical study of a transient MHD flow across an oscillating vertical plate with thermal radiation and viscous dissipation. Int. J. of Applied Mechanics and Engineering, 28(2), pp. 77-89. (Scopus) https://doi.org/10.59441/ijame/168931 3. R. Rajaraman and R. Muthucumarswamy (2024). Impact of chemical reaction, viscous dissipation, and thermal radiation on MHD flow past an oscillating plate. Chemical Industry & Chemical Engineering Quarterly, 30(3), pp. 223-230. (SCI, WoS and Scopus). https://doi.org/10.2298/CICEQ230526025R 4. M. Sundar Raj, G. Nagarajan, R. Rajaraman, B. Saravanan and R. Muthucumarswamy (2025). Effects of a magnetic field on circulation in an advanced inclined isothermal sectional surface with mass and heat transfer. Int. J. of Applied Mechanics and Engineering, 30(2), pp. 161-176. (Scopus). https://doi.org/10.59441/ijame/200964 5. R. Rajaraman and R. Muthucumarswamy (2025). Influence of thermal radiation and viscous dissipation on fluid flow past an oscillating vertical plate with variable surface temperature. JP Journal of Heat and 			

	Mass Transfer, 38(5), pp. 715-730. (Scopus) https://doi.org/10.17654/0973576325037	
Papers Presented in Conferences (Scopus / WoS indexed only)	Overall:	After Joining RMK:
Ph.Ds / Projects Guided	Ph.Ds Guided:	Student Projects Guided:
Books Published:	Count:	
	List:	
Patents	Published Count:	Granted Count:
	List:	
Professional Memberships	Count: 02	
	List: 1. Indian Society for Technical Education 2. International Association for Engineers	
Consultancy Projects Completed	Count:	
Awards Received	Count:	
	List:	
Research grants Received		
Orchid Link / ID	https://orcid.org/0000-0003-2308-6233	
Google Scholar Link / ID	https://scholar.google.com/citations?hl=en&user=pjjB2O8AAAAJ	
Vidwan Link / ID	https://vidwan.inflibnet.ac.in/profile/281868	
Research Gate Link / ID	https://www.researchgate.net/profile/Rajaraman-Rengasamy	
Scopus Link / ID	https://www.scopus.com/authid/detail.uri?authorId=57877724300	