


FACULTY PROFILE

Name of Teaching Staff / RMK ID	R. Valarmathi /T0671			
Designation	Assistant Professor			
Department	Science and Humanities			
Date of Joining the Institution	03.09.2010 (Regular)			
Qualifications	M.Sc (Mathematics)	M.Phil (Mathematics)	(Ph.D) (Production Inventory)	
Total Experience	Overall : 20 years		in RMK : 15 years	
Papers Published in Journal	Overall : 5		After Joining RMK :5	
List of Papers Published	<p>1. A production model for deteriorative items with time dependent demand and possible adjustment of the production rate, International Journal of Operational Research, Volume 53, Year 2025, Pages 162-191</p> <p>2. Three Rates of Production Inventory Models for Deteriorating Items with Constant, Linear and Quadratic Demand, International Journal of Operational Research, Volume: 49(3) 2024.</p> <p>3. Machine learning-integrated sustainable engineering and energy systems: Innovations at the Nexus, Harnessing High Performance Computing and AI for Environmental Sustainability, pp. 74-98, 2024</p> <p>4. Optimal pricing and production lot-size policies in imperfect production system with price-sensitive demand, reworking, scrap, and sales return, Operational Research, Volume 23, Year 2023</p> <p>5.“Multi Rates (One, Two and Three)of Production Inventory Models for Deteriorating Items with Comparative study” is Published in RESTIVA INVESTIGACION OPERACIONAL (Scopus Indexed), Volume 42, Year 2021</p>			
Papers Presented in Conferences (Scopus / WoS indexed only)	Overall : 1		After Joining RMK :1	
Ph.Ds / Projects Guided	Ph.Ds Guided :- NIL		Student Projects Guided :15	
Books Published :	Count :-			
	List :- NIL			
Patents	Published Count :-2		Granted Count : NIL	
	List : 1.Advertising as a strong Tool for Business development 2. Coding Culture: English Language Learning in the Tech Industry			
	Count :3			

Professional Memberships	List : The Indian Society of Technical Education International Associations of Engineers Institute for Educational Research and Publication
Consultancy Projects Completed	Count :-2 List: 1. Consultancy work for Shiva Electronics & Furniture ,5A, Erattai Pillaiyar kovil street, Thiruvannamalai, project on “ Billing and Account Handling Service” 2. Consultancy work for Everest Container Carrier, Jothi Nagar, Manali Express Road, Thiruvottiyur, project on “Inventory Management system and Cost control”
Awards Received	Count :2 List : <ul style="list-style-type: none"> ➤ Received Best Faculty Award 2021, by Chennai Teachers Club, Chennai ➤ Resource Person: “Discrete Mathematics” organized by St.Annes Arts and Science College,Chennai ➤ Resource Person: “ Designing a Beautiful Youth – Entrepreneurship “organized by St.Annes Arts and Science College,Chennai ➤ Received Mentor Award for” Soft Skill Development” Jan2025, by NPTEL Swayam
Research grants Received	Nil
Orchid Link / ID	ID : 0000-0001-6878-3978
Google Scholar Link / ID	ID : fuh64QYAAAAJ
Vidwan Link / ID	ID : 282128
Research Gate Link / ID	https://www.researchgate.net/profile/Valarmathi-Mageswaran
Scopus Link / ID	ID : 57224511377