

**Dr. R. UTHAYAKUMAR**



- 1. Designation : Senior Professor
- 2. Centre / Department / School : Department of Mathematics/  
School of Sciences
- 3. Qualification : M.Sc., M.Phil., B.Ed., PGDCA, Ph.D,
- 4. Experience (in years) : Teaching: 25 years, Research: 19 years
- 5. Area of Specialization : 1) Operations Research- Inventory Management  
and Control  
2) Fractal Analysis and Its Applications  
3) Fuzzy Optimization
- 6. Mobile Number : 8903403855
- 7. E-Mail ID : uthayagri@gmail.com
- 8. Orcid ID : <https://orcid.org/0000-0002-8819-1520>
- 9. Google Scholar ID : <https://scholar.google.co.in/citations?user=dSbxOn0AAAAJ&hl=en>
- 10. IRINS Link for detailed profile : <https://ruraluniv.irins.org/profile/60497>

11. **Research Guidance** :

Degree	Awarded		Guiding
	Total	For the period 2019-2024	
Ph.D.	33	13	4

12. **Publications**

S.No.	Category	Total	For the period 2019-2024
1.	No. of UGC-CARE Listed Publications	264	52
2.	No. of Chapters in Edited Volume / Proceedings	2	1

**Selected Publications (2019-2024)**

S.No.	Title of the Article	Name of the Journal	I/N	ISBN/ISSN	Vol.	Pg.	Month and Year
1.	An integrated vendor-buyer supply chain model for backorder price discount and price-dependent demand using service level constraints and carbon emission cost	International Journal of Systems Science: Operations & Logistics	I	2330-2682	9	111-120	Apr. 2022
2.	EPQ models with bivariate random imperfect proportions and learning-dependent production and demand rates	Journal of Management Analytics	I	2327-0039	8	134-170	Sep. 2021
3.	A two-tier supply chain model under two distributions with MTTF, rework, variable production rate and lead time	Journal of Management Analytics	I	2327-0039	9	532-558	Apr. 2022
4.	An exploration on the topologies of SARS-CoV-2/Human Protein-Protein Network	Journal of Biomolecular Structure and Dynamics	I	2330-2682	41	6313-6325	Aug. 2022
5.	A multi-objective economic production quantity model for deteriorating items with impact of the pandemic, social and environmental concerns	Journal of Industrial and Production Engineering	I	2168-1023	5	375-396	May 2023

13. **Sponsored Projects:**

<b>Major Projects handled so far</b>	
<b>Nos.</b>	<b>Financial Outlay (Rs.in lakhs)</b>
5	Rs.47.38 lakhs

14. No. of Seminars/Conferences/Workshops Organized (2019-2024) : 1  
15. No. of Invited Talks in National / International Conferences (2019-2024) : 37

16. **Additional Responsibilities (2019-2024):**

- Director- Academic
- Head of the Department

17. **Awards / Honours / Recognitions / Achievements: (2019-2024):**

- Mid-Career Award, UGC
- Tamil Nadu Scientist Award, TANSICHE
- Tamil Nadu Senior Scientist Award (Science City)
- Reviewer for 53 journals