

PROFILE OF 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 : +91 8903403855
7. E-Mail ID : uthayagri@gmail.com
8. Orcid ID : <https://orcid.org/0000-0002-1956-758X>
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
Ph.D.	33	8
M.Phil.	66	0

12. Publications:

S.No.	Category	Total
1.	No. of UGC CARE listed Publications (SCI/SCIE-58)	268
2.	No. of chapters in Edited Volume / Proceedings	7
3.	Books edited	3

Selected Publications:

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,	Journal of Management	I	2327-	9	532-	Apr. 2022

	rework, variable production rate and lead time	Analytics		0039		558	
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. Research metrics:

Metrics	Citation Index	H-Index
Google Scholar (i10-index-146)	4574	33
Scopus	2956	26
Web of Sciences	1624	19
Others -IRNS	4574	33

14. No. of major R&D projects handled and financial outlay : 5 & Rs. 47,40,988
(DST-SERB, NBHM, CSIR, UGC)
15. No. of Seminars / Conferences / Workshops organized : 9
16. No of Awards/Fellowships Honored : 4 (Mid-Career, AIAP, TANSA)
17. No. of Invited Talks in National / International Conferences : 166
18. Additional responsibilities:
- Director Academic, GRI (From 2022)
 - Head, Department of Mathematics, GRI, (19.03.2016-18.03.2016) (19.03.2022-18.03.2025)
 - Deputy coordinator UGC-SAP (DSA-I, DRS-I &II)
 - Reviewer for 53 journals