

**Dr. M. MUTHUKUMAR**

1. Designation : Associate Professor & Director i/c
2. Centre / Department / School : Centre for Geoinformatics
3. Qualification : Ph.D Remote Sensing
4. Experience (in years) : Teaching: 15 years  
Research: 21 years
5. Area of Specialization : Applications of Geospatial Technologies in Natural Resources and Natural Disaster Mapping, Management & Mitigation
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8. Orcid ID : 0000-0002-5249-2970
9. Google Scholar ID :  
<https://scholar.google.com/citations?user=V1yZffQAAAAJ&hl=en>
10. IRINS Link for detailed profile : <https://ruraluniv.irins.org/profile/115779>



11. **Research Guidance** :

Degree	Awarded		Guiding
	Total	For the period 2019-2024	
Ph.D.	4	1	2 + 2 [Thesis Submitted]

12. **Publications**

S.No.	Category	Total	For the period 2019-2024
1.	No. of UGC CARE Listed Publications	31	14
2.	Books Published	06	02
3.	No. of Chapters in Edited Volume /Proceedings	53	34

**Select Publications (2019-2024)**

S.No.	Title of the Article	Name of the Journal	I/N	ISBN/ISSN	Vol.	Month and Year
1.	Application of Spectral Signature Study & Geochemical Analysis in the Characterization of BMUC-SGT India	Geosystems & Geoenvironment	I	2772-8838	3	January, 2024
2.	Mapping of Mafic-Ultramafic Rocks in SMUC-SGT, India using ASTER & Sentinel-2A Satellite Images	Remote Sensing Applications: Society & Environment	I	2352-9385	28	Nov, 2022
3.	Active and Paleo Floodplain Mapping of Palam Cauvery using Geospatial Technology	ABDU-Journal of Engineering Technology	N	2348-7305	11	May, 2022
4.	GIS Based Morphometric Characteristics of Kadavananar River Basin in Tamil Nadu, India	ABDU - Journal of Engineering Technology	N	2348-7305	11	May, 2022
5.	Geomorphology and Landslide Proneness of Kerala, India : A Geospatial Study.	Journal of the International Consortium on Landslides	I	1612-510X	18 [2]	Oct, 2020

13. **Sponsored Projects:**

Major Projects handled so far		Major Projects handled during 2019-2024	
Nos.	Financial Outlay (Rs.in lakhs)	Nos.	Financial Outlay (Rs.in lakhs)
6	114.85	3	34.49

14. No. of Seminars/Conferences/Workshops Organized (2019-2024) : 6  
15. No. of Presentations in Seminars/Conferences (2019-2024) : 5  
16. No. of Invited Talks in National / International Conferences (2019-2024) : 2

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

- Special Campaign – Nodal Officer
- NSS – Programme Officer
- Shanti Sena – Member
- UBA – Executive Member
- IQAC & Working – Committee Member
- Institute Innovation Council – Member
- Academic Council – Member
- SIRD Internship – Committee Member
- Anti Ragging Squad Team – Member
- Boys Hostel – Deputy Warden
- End Semester Examinations, Nov 2022 – Chief Superintendent