



Dr.R.KARIKALAN
Associate Professor & Head i/c

Contact

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Academic Qualifications: M.Sc., M.Phil., Ph.D.

Teaching Experience: 15 Years

Research Experience: 20 Years

Additional Responsibilities

Areas of Research

Sedimentology, Coastal Geomorphology, Placer Mineral studies, Remote sensing and Geographical Information system

Research Supervision / Guidance

Program of Study		Completed	Ongoing
Research	Ph.D.	1	1
	M.Phil.	3	--
Project	PG	25	4

Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books / Chapters / Monographs / Manuals
10	4	10	20	2

Cumulative Impact Factor (as per JCR) :	12
h-index :	03
i10index :	03
Total Citations :	17

Funded Research Projects

Completed Projects

S. No	Agency	Period		Project Title	Budget (Rs. In lakhs)
		From	To		
1	AURF	2009	2010	Heavy mineral deposits during late Holocene in Pichavaram region tamilnadu, India.	0.64
2	UGC	2011	2015	Micro level mapping of Morphological changes in the beaches caused by Tsunami in between Cuddalore and Nagapattinam Tamilnadu, East Coast of India	9.lakhs

Events organized in leading roles

Number of Seminars / Conferences / Workshops / Events organized:

1. Organizing secretary :01
2. Organizing Member:10

Events Participated

Conferences / Seminars / Workshops: 61

Other Training Programs: 03

Overseas Exposure / Visits

Membership in

Professional Bodies

1. Life Member: Indian national sciencecongress

Academic Bodies (such as Board of Studies etc.); 05

Resource persons in various capacities

Number of Invited / Special Lectures delivered: 05

Others

No. of PhD Thesis evaluated : 05

Recent Publications

1. **Karikalan , R.,** K., Anbarasu, and G., Victor Rajamanickam (2001). Coastal Geomorphology of Portonovo Region, South Arcot District, Tamilnadu. Indian Journal of Geomorphology 6 (1&2); PP 157 –169.

2. **Karikalan R., N.,** Angusamy, P., Mohan and G.V. Rajamanickam (2001). Distribution of Heavy Minerals in Quaternary sediments around Vellar basin, Parangipettai, Tamilnadu. In Hand book of Placer Mineral deposits (Edtd. G. Victor Rajamanickam), PP 64 –80.
3. Nobi E.B., A., Shivaprasad **R., Karikalan E.** Dilipan, T.,Thangaradj and Sivakumar M.,(2010) Microlevel Mapping of Coastal Geomorphology and Coastal Resources of Rameswaram Island, India: A Remote Sensing and GIS Perspective Journal of Coastal Research 26-3 and PP 424-428.3.5
4. Ramasamy P., and Karikalan, **R.,(2010)** Distribution and Percentage of Heavy Minerals in
5. Coastal Geomorphological Landforms in Palk Strait, Southeast Coast of India, Middle-East Journal of Scientific Research 5 (1): PP49-53
6. Pandiaraj D., **R., Karikalan,** Alaguraja, P., Jeyaraj N., Roger.D.C. and Giriprasad,C.,(2010)
7. A study on Remote Sensing on Coastal Geomorphological Landforms From Coleroon River Mouth to Cuddalore South Arcot, Tamil Nadu, India, International Journal Of Geomatics And Geosciences Volume 1, No1
8. Pasiyappazham Ramasamy, **Ramasamy Karikalan,** Gopi Palanisvelan, E.P.,Nobi and Sivaprakasam Vasudevan (2013) Studies on Remotesensing and GIS application on Coastal Geomorphological landforms between Thondi and Muthupettai, Tamilnadu, India. Research Journal of Applied Sciences8(1):51-58
9. Murugadoss K., **R., Karikalan** (201)2 Studies on Socio – Economic Status of Fisherman Community in Moorpannai Village (Palk Bay – South East Coast of India) Proceeding of the National Seminar on Ecological balance and Sethusamudram canal Alagappa University
10. Kongeswaran T, **Karikalan R** (2015) Studies on Remotesensing and Geographical Information System Applications on Coastal Geomorphological Landforms from Portonova to Coleroon River Mouth, South Arcot, Tamilnadu, East coast of India International Journal of Geomatics and Geosciences Volume 5, No 4, 2015 ISSN0976 – 4380
11. Kongeswaran T, **Karikalan R** (2015)Morphological Changes Caused By Post-Tsunami in the Region of Nagapattinam Coast, Tamilnadu, East Coast of India

Journal Of Advanced Research In Geo Sciences & Remote Sensing J. Adv. Res. GeoSci.
Rem. Sens. 2015; 2(3&4)

12. Kongeswaran T, **Karikalan R** (2017) A Study of Coastal Geomorphological Features Changes in Part of East coast from Cuddalore to Nagapattinam, Tamilnadu using Remotesensing & GIS Techniques. Geospatial Technologies for rural development ISBN: 978-81-933316-3-7(139)