Dr. S. ARIVAZHAGAN



1. Designation : Assistant Professor
2. Centre / Department / School : Centre for Applied Geology
3. Qualification : M.Sc., Ph.D.,
4. Experience (in years) : Teaching: 11 years
   Research 17 years
5. Area of Specialization : Hyperspectral Remote Sensing in Terrestrial and Planetary Exploration
6. Mobile Number : 9994520251
7. E-Mail ID : arivusvsv@ruraluniv.ac.in/arivusv@gmail.com
8. Orcid ID : https://orcid.org/0000-0002-6697-660X
9. Google Scholar ID : cYF8b6oAAAAJ
10. IRINS Link for detailed profile : 80677

11. **Research Guidance :**

Degree	Awarded		Guiding
	Total	For the period 2019-2024	
Ph.D.	2	2	3

12. **Publications**

S.No.	Category	Total	For the period 2019-2024
1.	No. of UGC-CARE Listed Publications	34	15
2.	No. of Chapters in Edited Volume / Proceedings	6	2

Select Publications (2019-2024)

S.No.	Title of the Article	Name of the Journal	I/N	ISBN/ ISSN	Vol.	Pg.	Month and Year
1	A lunar soil simulant (LSS-ISAC-1) for the lunar exploration programme of the Indian Space Research Organisation	Icarus	I	ISSN 0019-1035	366	114511	15 September 2021
2	Mapping of Compositional Diversity and Chronological Ages of Lunar Farside Multiring Mare Moscoviense Basin: Implications to the Middle Imbrian Mare Basalts	Research in Astronomy and Astrophysics	I	ISSN 0004-6361	22	125002	11 November 2022
3	Chronological and Compositional Mapping of the Mare Orientale using Chandrayaan-1 – M3 and LRO dataset	Icarus	I	ISSN 0019-1035	375	1-24	15 March 2022
4	Topographical and morphological studies of Valles Mariners, Mars by using Mars Colour Camera onboard India's first Mars Orbiter Mission with MOLA data	Journal of Earth System Science	I	ISSN 2347-4327	132	75	25 April 2023
5	Spectral pathways for effective delineation of mafic-ultramafic rocks by using PRISMA hyperspectral data	Remote Sensing Applications: Society and Environment	I	ISSN 2352-9385	30	100955	April 2023

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)**
4	Rs. 76.57	3	Rs. 61.17

14. No. of Seminars/Conferences/Workshops Organized (2019-2024) :1
15. No. of Presentations in Seminars/Conferences (2019-2024) : 2
16. No. of Patents :1
17. Details of Awards and Honours (from recognized Govt. agencies) (2019-2024) :1
18. No. of Invited Talks in National / International Conferences (2019-2024) : 3

19. **Additional Responsibilities (2019-2024):**
    - NIRF Working Committee Member (2019-2022)
    - IQAC Member (2022-2024)
    - Fresher's – Orientation Programme Coordinator (2023 & 2024)
    - NSS Programme Officer (2016 – 2023)
    - Deputy Superintendent, University Examinations (2019, 2023 & 2024)
    - Member, Research policy and Code of Research (2020)
    - Member, Institute Innovation Council – 2021 Onwards
    - Member, GRI - Alumni Cell

20. **Awards / Honours / Recognitions / Achievements: (2019-2024):**
    - ✓ National Geospatial Emerging Faculty Fellow Award (2024), IIT Bombay
    - ✓ Group Patent – A method for Manufacture of Highland Lunar Soil Simulant (2020)
    - ✓ Fast Track Young Scientist Project Grant, Department of Science and Technology, New Delhi (2015)
    - ✓ Post-Doctoral Research Associate from Council of Science and Industrial Research, New Delhi – (2012 - 2013)
    - ✓ Student Research Grant awardee, International Association of Mathematical Geology (IAMG).
    - ✓ Post-Doctoral Fellowship – PLANEX, Physical Research Laboratory, Ahmedabad, Department of Space, Govt. of India (2010 – 2011)
    - ✓ Senior Research Fellow from Council of Science and Industrial Research, New Delhi (2008-2010).