

Dr. P. R.Kumaresan M.Tech., Ph.D.,

Assistant Professor,

**Department of Civil Engineering,
College of Engineering and Technology,
SRM Institute of Science and Technology
Ramapuram Campus, Chennai**



Email: kumaresp@srmist.edu.in (Official) kumaresanmoongis@gmail.com (Personal)

Dr. P. R.Kumaresan Working as an Assistant Professor in the Department of Civil Engineering at College of Engineering and Technology, SRM Institute of Science and Technology, Ramapuram. He Graduated in Integrated M.Tech in Geological Technology and Geoinformatics from Centre for Engineering and Technology, Bharathidasan University, Tiruchirappalli, Tamil Nadu, India. He completed Ph.D. in Remote Sensing from Bharathidasan University, Tiruchirappalli, Tamil Nadu, India. He has published number of papers in National and International Journals and presented research work in Conference and Symposiums.

Areas of Research:

Surveying, Remote Sensing (RS) and Geographic Information System (GIS); Exploration of Earth and Planetary Geoscience; Advance Geomatics Engineering (RS, GIS and Global Position System-GPS); Urban, Transport, Wildlife & Forest Management using RS and GIS.

Selected Publications:

Web of Science/SCI:

- ✚ **Kumaresan, P. R., & Saravanavel, J. (2022).** Compositional Mapping and Spectral Analysis of Sulpicius Gallus Dark Mantling Deposits Using Lunar Orbital Data Sets Including Chandrayaan-1 Moon Mineralogy Mapper. Journal of the Indian Society of Remote Sensing, 1-19. DOI: <https://doi.org/10.1007/s12524-022-01529-4>
- ✚ **Salem, I. B., Sharma, M., Kumaresan, P. R., Karthi, A., Howari, F. M., Nazzal, Y., & Xavier, C. M. (2022).** An Investigation on the Morphological and Mineralogical Characteristics of Posidonius Floor Fractured Lunar Impact Crater Using Lunar Remote Sensing Data. Remote Sensing, 14(4), 814. DOI: <https://doi.org/10.3390/rs14040814>
- ✚ **Ranganathan, P. C., Kumaresan, P. R., Nagarajan, J., Kathiresan, P., & Jayaraman, S. (2021).** Identification of flow markers in tectonic geomorphic landforms of the Deccan Volcanic Provinces using GIS at part of southern Maharashtra, India. Arabian Journal of Geosciences, 14(21), 1-8. DOI: <https://doi.org/10.1007/s12517-021-08454-9>
- ✚ **Kumaresan, P. R., Saravanavel, J., & Palanivel, K. (2020).** Lithological mapping of Eratosthenes crater region using Moon Mineralogy Mapper of Chandrayaan-1. **Planetary and Space Science**, 182, 104817. DOI: <https://doi.org/10.1016/j.pss.2019.104817>
- ✚ **Kumaresan, P. R., & Saravanavel, J. (2019).** Morphological and Chronological Mapping of

Manilius Crater Region Using Chandrayaan-1 Data Sets. **Journal of the Indian Society of Remote Sensing**, 47(5), 839-851. DOI:<https://doi.org/10.1007/s12524-019-00967-x>

- + **Kumaresan, P. R.** (2018). Spectral Based Vegetation discrimination and Forest Health Assessment Using Hyperion (EO-1) in Yelagiri Hills, Tamil Nadu. *International Journal of Applied Engineering Research*, 13(18), 13826-13832.

Patents:Nil.

Books/Book Chapters Published:

- + **Kumaresan, P. R.,**Saravanel, J., (2020) Composition and Mineralogical mapping of Timocharis crater region using orbital data sets in Indian Society of Remote Sensing National symposium, P. 279-280.
- + **Kumaresan P R,** Saravanel J, Palanivel K., (2020) “Compositional and Mineralogical Mapping of Taruntius Crater Region Using Hyperspectral Data Sets of Chandrayaan-1” in AGTMNRD 2020, conference paper in Centre for Geoinformatics at GRI-DU.
- + **Kumaresan, P. R.,&**Saravanel, J. (2019, March). Compositional and Mineralogical Characteristics of Archimedes Crater Region Using Chandrayaan-1 M3 Data. In *Lunar and Planetary Science Conference* (Vol. 50).
- + **Kumaresan P R,** Saravanel J, Palanivel K., (2017) “Monitoring of Environmental changes and its impact over the Forest cover in Yelagiri and Javadi hills of Tamil Nadu using Geospatial Techniques” Conference proceedings in Recent Innovations and Technological Development in Civil Engineering in GRIUniersity, Gandhigram.

Professional Bodies:

Life Member - (L-6109)
Indian Society of Remote Sensing

Life Member – (76)
Indian Planetary Science Association

Active Member and
IEEE Remote Sensing and Geoscience member

Google Scholar:

https://scholar.google.com/citations?user=EXN9E_kAAAAJ&hl=en

LinkedIn:

<HTTPS://WWW.LINKEDIN.COM/IN/DR-P-R-KUMARESAN-82A525BA/>