

Name Karthika K.S.
Date of birth 01-05-1986
Designation Scientist (Senior Scale) Soil Science
Qualification Ph.D. in Soil Science and Agricultural Chemistry
Email id karthika.ks@icar.gov.in; kskavukattu@gmail.com



Educational Qualifications

S No	Degree	Institute/University	Year of Graduating	Subject	CGPA
1	B.Sc.Agr.	Kerala Agricultural University	2008	Agriculture	8.8
2	M.Sc.Ag	University of Agricultural Sciences, Bangalore	2011	Soil Science and Agricultural Chemistry	9.52
3	PhD	University of Agricultural Sciences, Bangalore	2014	Agriculture (Soil Science & Agricultural Chemistry)	9.52

Professional Experience

Seven years experience as a full time researcher in Soil Science.

- Scientist at ICAR-NBSS&LUP, Regional Centre, Bangalore since 03-03-18
- Scientist at ICAR-CPCRI from 10-04-15 to 01-03-18
- Joined ICAR-ARS on 01-01-2015 at ICAR-NAARM, Hyderabad

Research Areas

- Land resource characterisation
- Soil pedological investigations,
- Land use impacts on soil and land quality
- Soil characterisation and mapping
- Land suitability evaluation

International Experience-Nil

Awards

- Commendation Certificate for ISSS- Best Doctoral Research Presentation Award (South Zone) 2015
- Best ICAR-Institute stall-First Prize at the Regional Horticultural fair, 2017
- Best Poster Award 2019, 2022
- Best article award 2022,
- Innovative article award 2022

Honours/Recognitions

- ICAR-Junior Research Fellowship 2009 for M.Sc.
- DST-INSPIRE Fellowship 2011 for Ph.D.
- UAS-B Gold medal for general merit for M.Sc. (2011) and Ph.D.(2014);
- UAS STCR Gold Medal for M.Sc. (2011) and Ph.D. (2014)

- Dr.G.K.Veeresh Gold Medal for Ph.D. 2014;
- Dr. Krishnappa Memorial Gold Medal for Ph.D. 2014

Ten Best Research Papers along with NAAS Rating-2022

SNo	Publication	NAAS rating
1	Karthika KS , Anil Kumar KS, Nair KM, et al. 2022 Sustainability of coffee land use upon conversion from natural forest in Western Ghats of South India: An evaluation. <i>Soil Use Manage.</i> 2022; https://doi.org/10.1111/sum.12692	8.95
2	Karthika, K.S. , Anil Kumar, K.S., Srinivasan, R., Chandrakala, M. and Hegde, R. (2022). Characterization and Classification of Pigeon Pea Growing Soils and their Land Suitability for Hot Semiarid Deccan Plateau, India. <i>Legume Research</i> . DOI: 10.18805/LR-4774.	6.59
3.	K.S. Karthika , K.S. Anil Kumar, R. Srinivasan, M. Chandrakala, M. Lalitha, S. Srinivas, Rajendra Hegde, Arti Koyal, N. Maddileti, S. Parvathy, K.V. Archana, and Jagdish Prasad (2021) Quantitative Evaluation of Soil Fertility Constraints in a Semi-Arid Ecosystem of North Telangana Plateau by Employing Fertility Capability Classification System. <i>Journal of the Indian Society of Soil Science</i>	5.31
4	R. Srinivasan, K. S. Karthika , S. Amar Suputhra, M. Chandrakala, Rajendra Hegde (2021) Mapping of Soil erosion and Probability Zones using Remote Sensing and GIS in Arid part of South Deccan Plateau, India. <i>Journal of the Indian Society of Remote Sensing</i> . https://doi.org/10.1007/s12524-021-01396-5	7.56
5	Srinivasan, R., Rajendra Hegde, Karthika, K.S. , Maddileti, N and Singh, S.K. 2019. Effect of Different Land Uses on Soil Pedogenic properties and Sodcity Development in Krishnagiri Reservoir Project Dam Catchment in Tamil Nadu. <i>J. Soil Salinity Water Qual.</i> 11(1): 10-17	4.94
6	Avinash, R.K. Anil Kumar, K.S., Karthika, K.S. , Kalaiselvi, B. and Sujatha, K. 2019. Coconut-growing soils in southern Karnataka: Characterization and classification. <i>J.Plantation Crops.</i> 47(2): 96-106.	4.66
7	Pradeep, K.S. Anil Kumar, R.K. Avinash and K.S. Karthika 2020 Assessment of the status of soil organic carbon stocks under natural forest and plantation ecosystems in southern Karnataka, India. <i>J.Plantation Crops.</i> 48 (3): 237- 246	4.66
8	R.K. Avinash, K.S. Anil Kumar, K.S. Karthika , Rajendra Hegde, S.K. Singh and K. Sujatha 2020 Characterization and classification of coconut-growing soils of Maddur,Karnataka, India and comparative evaluation of their suitability towards tender coconut production. <i>J.Plantation Crops.</i> 48 (3): 192-202	4.66

Total Publications (Peer-reviewed journals only)

International:01

National:17

Google Scholar link: <https://scholar.google.com/citations?user=CXtmyxMAAAAJ&hl=en>

Research Gate link: <https://www.researchgate.net/profile/Karthika-K-S>