

Name	Dr. Ajin S Anil	
Date of birth	01/05/1994	
Designation	Scientist	
Qualification	Ph.D.	
Email id	ajins.anil@icar.org.in / ajinsanil3829@gmail.com	
Educational Qualifications Ph.D (Soil Science & Agricultural Chemistry), ICAR-Indian Agricultural Research Institute, New Delhi (2023); M.Sc (Soil Science & Agricultural Chemistry), ICAR-Indian Agricultural Research Institute, New Delhi (2018); B.Sc. (Ag.) Hons., D.B.S.K.K.V. Dapoli, Maharashtra (2016).		
Professional Experience - Scientist at ICAR-NBSS&LUP, Regional Centre, Udaipur from 07 July 2025 - Present - Scientist (OPCW), Institute of Pesticide Formulation Technology (IPFT), Gurugram (16 February 2022 – 04 July 2025); An autonomous institute under the Department of Chemicals and Petrochemicals, Ministry of Chemicals and Fertilizers, Government of India.		
Research Areas - Soil survey, Soil mineralogy, Remote sensing and GIS - Soil fertility, heavy metal pollution, and pesticide contamination. - Speciation studies of heavy metals and persistent organic pollutants - Conservation agriculture and soil carbon dynamics. - Analytical method development and validation for environmental and agricultural matrices.		
International Experience	Nil	
Awards - National Talent Scholarship (NTS-2012) - Junior Research Fellowship (JRF-2016) - ICAR-IARI Ph. D. Fellowship (2018) - Best poster, GAAFES International, (2019) - Best poster, Soil conservation society of India, (2021)		
Honours/Recognitions Received the Best Poster Presentation Award for the poster titled “Calcium and Boron on the Release Pattern of Boron in Acid Soils” during the GKV Society Conference (2018). Received the Best Seminar Presenter Award for outstanding presentation during the M.Sc. Seminar (2018) and Ph.D. Seminar (2019) at the Division of Soil Science and Agricultural Chemistry, ICAR–Indian Agricultural Research Institute (IARI), New Delhi. Received the Best Paper Presentation Award for presenting research during the National Web Seminar on Natural Resource Conservation and Management (2021) organized by ANRCM, Lucknow.		

Ten Best Research Papers along with NAAS Rating 2026

1. **Anil, A. S.**, Alam, S., & Thakur, L. K. (2024). Optimized mercury speciation analysis using LC-ICP-MS and microwave assisted extraction for precise determination of methylmercury in fish, rice and soil. *Journal of Food Composition and Analysis*, 129, 106092. (NAAS 10.60)
2. **Anil, A. S.**, Sharma, V. K., Jiménez-Ballesta, R., Parihar, C. M., Datta, S. P., Barman, M., Chobhe, K.A., Kumawat, C., Patra, A & Jatav, S. S. (2022). Impact of long-term conservation agriculture practices on phosphorus dynamics under maize-based cropping systems in a sub-tropical soil. *Land*, 11(9), 1488. (NAAS 9.70)
3. **Anil, A. S.**, Sharma, V. K., Barman, M., Datta, S. P., Bandyopadhyay, K. K., Singh, P. K., & Chobhe, K. A. (2020). Effect of calcium and boron on biomass yield and nutrients uptake by tomato (*Solanum lycopersicum*). *Indian Journal of Agricultural Sciences*, 90(6), 1176-1179. (NAAS 6.70)
4. Iqbal, N., Hazra, D. K., Jawale, C., Alam, S., Yadav, S., Agrawal, A., **Anil, A.S** & Kumar, J. (2024). Biofabrication of microbeads infused with *Acorus calamus* oil and Eucalyptus extract for sustainable stored grain pest management. *ACS Applied Polymer Materials*, 6(3), 1599-1610. (IF 5.2)
5. Patra, A., Sharma, V. K., Nath, D. J., Ghosh, A., Purakayastha, T. J., Barman, M., Kumar, S., Chobhe, K. A., **Anil, A. S.**, & Rekwar, R. K. (2021). Impact of soil acidity influenced by long-term integrated use of enriched compost, biofertilizers, and fertilizer on soil microbial activity and biomass in rice under acidic soil. *Journal of Soil Science and Plant Nutrition*, 21(1), 756-767. (NAAS 9.10)
6. Meena, O. P., Sammauria, R., Gupta, A. K., Gupta, K. C., Behera, B., Saxena, R., Yadav, M.R., Singh, P., Meena, R. K., Raza, M. B. and **Anil, A. S.**, & Lal, M. K. (2022). Energy-carbon footprint vis-à-vis system productivity and profitability of diversified crop rotations in semi-arid plains of North-West India. *Journal of Soil Science and Plant Nutrition*, 22(2), 2026-2041. (NAAS 9.10)
7. Didawat, R. K., Sharma, V. K., Nath, D. J., Patra, A., Kumar, S., Biswas, D. R., Chobhe, K.A., Bandyopadhyay, K.K., Trivedi, A., Chopra, I. and Dutta, A. & **Anil, A. S.** (2023). Soil biochemical properties and nutritional quality of rice cultivated in acidic inceptisols using long-term organic farming practices. *Archives of Agronomy and Soil Science*, 69(8), 1282-1297. (NAAS 7.80)
8. Patra, A., Sharma, V. K., Nath, D. J., Purakayastha, T. J., Barman, M., Kumar, S., Chobhe, K.A., Dutta, A., & **Anil, A. S.** (2022). Impact of long term integrated nutrient management (INM) practice on aluminium dynamics and nutritional quality of rice under acidic Inceptisol. *Archives of Agronomy and Soil Science*, 68(1), 31-43. (NAAS 7.80)
9. Alam, S., Biswas, S., **Anil, A. S.**, Thakur, L. K., & Kumar, J. (2024). Total Phosphorous and Mineral Content Determination in Rock Phosphates using ICP-MS. *Communications in Soil Science and Plant Analysis*, 55(7), 944-958. (NAAS 7.40)
10. Kumawat, C., Sharma, V. K., Barman, M., Meena, M. C., Dwivedi, B. S., Kumar, S., Chakraborty, D., **Anil, A. S.**, & Patra, A. (2022). Phosphorus forms under crop residue retention and phosphorus fertilization in maize–wheat rotation. *Communications in Soil Science and Plant Analysis*, 53(2), 257-267. (NAAS 7.40)

Total Publications (Peer-reviewed journals only)

International: 16

National: 7

Google Scholar link: <https://scholar.google.co.in/citations?user=hOdAzOAAAAAJ&hl=en>

Research Gate link: https://www.researchgate.net/profile/Ajin-S-Anil-2?ev=hdr_xprf