

Name	Dibakar Roy	
Date of birth	1 st July, 1993	
Designation	Scientist (Sr. Scale) (Soil Science)	
Qualification	PhD (SSAC)	
Email id	dibakar.roy@icar.org.in ; dibakar499176@gmail.com	
Educational Qualifications		
- B.SC (Ag. Hons) at UBKV, Pundibari, India (2014) - M.Sc (Soil Science and Agricultural Chemistry) at BCKV, Kalyani, India (2016) - Ph.D (Soil Science and Agricultural Chemistry) at IARI, New Delhi, India (2025)		
Professional Experience		
- Scientist at ICAR-NAARM, Hyderabad from 04/01/2019 to 03/04/2019 - Scientist at ICAR-DWR, Jabalpur, Madhya Pradesh from 15/04/2019 to 28/06/2023 - Scientist at ICAR-NBSSLUP, RC, Jorhat, Assam from 03/07/2023 to till date		
Research Areas		
Soil Carbon Dynamics, Soil Quality, Metal Remediation		
International Experience - NIL		
Awards - Dr. SP Raychaudhury Gold Medal for Doctoral Research Award 2025-26		
Honours/Recognitions		
- ICAR-Junior Research Fellowship (JRF) for Master Degree Programme from 2014-2016 - ICAR-IARI Merit Fellowship for PhD Programme (2016-2018)		
Best Research Papers along with NAAS Rating-2026		
Serial No	Publication	NAAS Rating
1	Roy, Dibakar , Ritesh Kundu, Ashim Datta, Biswapati Mandal, Subhadip Paul, Sheetal Sharma, and Jagdish Kumar Ladha. "Labile Carbon dynamics under Initial Transition to Regenerative Agriculture." <i>Soil Security</i> (2026): 100226.	10.37 (4.37 Impact factor)
2	Roy, Dibakar , Ritesh Kundu, Samrat Ghosh, Ashim Datta, Biswapati Mandal, Sheetal Sharma, and J. K. Ladha. "Early-stage soil organic carbon stabilization in conservation agriculture-based cereal systems." <i>Geoderma Regional</i> 39 (2024): e00870.	9.3
3	Saini, Ravi, Kanchikeri Math Manjaiah, Dibakar Roy , Rajesh Kumar, Sandeep Gawdiya, Siyaram Meena, A. Naveenkumar, Anil Kumar, Salah El-Hendawy, and Mohamed A. Mattar. "Synthesis and Evaluation of Starch-Grafted-Poly [(Acrylic Acid)-Co-Acrylamide] Based Nanoclay Polymer Composite Fertilizers for Slow Release of Nitrogen in Soil." <i>Polymers</i> 16, no. 21 (2024): 3013.	10.90
4	Kumar, Asheesh, K. M. Manjaiah, V. K. Sharma, Kapil A. Chobhe, Archna Suman, Arti Bhatia, Ravi Saini, Siyaram Meena, A. Naveen Kumar, and Dibakar Roy . "Evaluation of urea loaded nanoclay biopolymer composites with Zn and P solubilizing microbes for nitrogen uptake and use efficiency in maize (Zea mays)-wheat (Triticum aestivum) cropping system." <i>Indian J Agric Sci</i> 94, no. 3 (2024): 308-312.	6.0
5	Shukla, Monika, A. C. Sadhu, Pinal Patel, Dibakar Roy , Aliza Pradhan, Sagar D. Vibhute, David Camus, Anil R. Chinchmalatpure, and Ashim Datta. "Residual effect of legumes on maize yield, nitrogen balance and soil organic carbon stabilization under legume–maize cropping systems." <i>Journal of Plant Nutrition</i> 47, no. 15 (2024): 2430-2447.	7.70
6	Pramanik, Sanjit, Sanmay Kumar Patra, Samrat Ghosh, Dibakar Roy , and Ashim Datta. "Drip-mediated deficit irrigation and sub-optimal fertigation management strategy can boost yield, soil nutrient availability, plant utilization and soil organic carbon in banana plantation." <i>Journal of Soil Science and Plant Nutrition</i> 24, no. 2 (2024): 3843-3860.	9.10
7	Roy, Dibakar , Ashim Datta, Hanuman Sahay Jat, Madhu Choudhary, Parbodh Chander Sharma, Pankaj K. Singh, and Mangi Lal Jat. "Impact of long term conservation agriculture on soil quality under cereal based systems of North West India." <i>Geoderma</i> 405 (2022): 115391	12.6

Total Publications (Peer-reviewed journals only) International: 6 and National: 2

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

Research Gate link: https://www.researchgate.net/profile/Dibakar-Roy-2?ev=hdr_xprf