

Profile

Jitendra Kumar



Designation: Scientist
Division of Soil Physics

[+91-755-2730970 (Extn),
+91 9532557582]

✉ jitendra.iari@gmail.com;
Jitendra.kumar1@icar.gov.in

Research specialization: I am working on Soil Science & Soil Physics in the area of Soil quality and Soil nutrient, Carbon dynamics under different land use system. As a scientist we handled total Seven institute project one as PI and six as co-PI in addition with this also handle two externally funded project as a Nodal officer of the ICAR RC for NEH Region, Arunachal Pradesh Centre, Basar

Professional Experience: Working as a scientist since 2011 in the different Institute of ICAR I completed my Eight Year service in ICAR RC for NEH Region, AP Centre Basar, Arunachal Pradesh , Indian 791101. Where I completed one Project as a PI and six project as Co-PI in institute project in addition with this I was Co pi in three externally funded project viz National Mission of sustainable Himalayan ecosystem (NMSHE-TF -6) NSP seed project which running in collaboration with Indian institute of seed Science, Mau.

Awards and Honours:

1. Obtained Junior Research Fellowship from ICAR through All India Competitive Examination for Master's Degree Programme.
2. Obtained CSIR-UGC Junior Reserch fellowship in Earth, Atmospheric, Ocean and Planetary Science under UGC Scheme for the Phd
3. Obtained IARI Junior and Senior Fellowships for Master and Doctoral Degree Programmes, respectively.
4. Obtained ICAR SRF for PhD degree in the discipline of Soil Physics/ Soil and Water Conservation.
5. Obtained an award of excellence for outstanding dissemination of agromet advisories for farming community.
6. Exhibition stall co-ordinate by me awarded best exhibition stall in CAU-Regional Agri fair 2019-20.

Top Ten publications:

1. **Kumar, J.**, Vashisth, A., Sehgal, V. K., & Gupta, V. K. (2013). Assessment of aphid infestation in mustard by hyperspectral remote sensing. *Journal of the Indian Society of Remote Sensing*, 41(1), 83-90.
2. **Kumar, J.**, Vashisth, A., Sehgal, V. K., & Gupta, V. K. (2010). Identification of aphid infestation in mustard by hyperspectral remote sensing. *Journal of Agricultural Physics*, 10, 53-60.
3. **Jitendra, K.**, Kscitiz, S., Amit, S., Anup, C., Rupankar, B., & Wangnem, R. (2017). Effect of different processes of Jhuming on soil properties in mid hills of Arunachal Pradesh. *Environment and Ecology*, 35(2A), 999-1003.
4. **Jitendra Kumar**, Nirmal De, A Pradhan, Pallab Sharma and Ravindra Charry, G. (2018). Effect of Tillage on Nutrient Dynamics and Physical Condition of Soil under Rainfed Rice Chick Pea Based Cropping System of Bastar, Chhattisgarh. *Int.J.Curr.Microbiol.App.Sci.* 7(12): 2843-2850.
5. **Kumar, J.**, De, N., Meena, R. S., Sharma, P., Pradhan, A. K., & Ravindra Chari G. (2019). Long Term Fertilizer Management Effect on Nutrient Dynamics in Rainfed Rice-lentil System in Transect 4 of IndoGangetic Plain. *International Journal of Plant & Soil Science*, 26(6), 1-10.
6. Thejangulie Angami, Homeswar Kalita, **Jitendra Kumar**, Raghuvveer Singh, Kaushik Bhagawati and Takar Ronya. (2020). Standardization of Optimum planting time and mulching material on yield and berry quality of strawberry var. chandler under subtropic mid hill Condition. *Bulletin of Environment, Pharmacology and Life Sciences.* 9(2), 134-141
7. **Jitendra Kumar**, H Kalita, Badapmain Mukdoh, Doni Jini, Rajesh A Alone and Puna Oppo. (2020)
Effect of different soil and water management practices on sustainability of jhum cultivation. *Journal of Pharmacognosy and Phytochemistry*, 9(2): 1486-1488.
8. **Jitendra Kumar**, H Kalita and Rajesh A Alone. (2020). Effect of organic, inorganic manure and lime application on soil physiochemical properties and yield of maize in acidic soil of mid hill of Arunachal Pradesh, *International Journal of Chemical Studies.* 8(2): 2187-2190.
9. **Kumar, J.**, Kalita, H., Angami, T., Ramajayam, D., Shukla, A., & Shukla, K. (2020). Impact of Application of Fertilizer and Lime on Yield of Banana (Grand Naine) and Soil Parameters in Acidic Soil of Arunachal Pradesh. *International Journal of Plant & Soil Science*, 32(4), 9-17.
10. **Jitendra Kumar**, Nirmal De, A Pradhan, Pallab Sharma and Ravindra Charry, G. (2020). Long term influence of tillage management on physical condition of soil under acidic soil of rainfed rice cropping system of Brahmpura valley of Assam. *International Journal of Chemical Studies 2020*; 8(3): 129-133