

Name : **Dr. Rajesh Kumar Srivastava**



Designation : Associate Professor
Contact Address : Division of Agricultural Engineering
Faculty of Agriculture, SKUAST-J
Main Campus, Chatha, Jammu-180009 (J & K)

Professional Experience : **21** years

Awards/Honours/Scholarships/Fellowships :

- ICAR fellowship during B.Tech. degree programme
- GATE (MHRD) fellowship during M.Tech. degree programme
- INSA Visiting Scientist Fellowship during 2014-15
- Appreciation letter from Hon'ble Vice-Chancellor, SKUAST-J
- Certificate of appreciation for writing book chapter in Annual Technical Volume II (2015-16) of The Institution of Engineers (India), Civil Engineering Division on Water Conservation and Management in India
- Best oral presentation award in National Seminar on Technology and Management of Micro Irrigation in Floriculture held on 19-20 March, 2015 at SKUAST-J, Chatha, Jammu
- Worked as member of editorial board of Agricultural Engineering Today Journal of Indian Society of Agricultural Engineering (ISAE)
- Awarded Innovative team award to develop a Variable speed device for sprinkler system under DST (WTI) funded project.

Area of Specialization : Land and Water Management Engineering

Research interest :

- Engineering intervention for watershed management
- Water harvesting structures
- GIS/RS for land and water management
- Micro Irrigation

Total no. of publications (referred journal) : **25**

Selected publications (best five) :

- i. Kour, Ravinder; **Srivastava, R. K.**; Patne, Rajeev; Mishra, Kamal and D. Datta (2004). Integration of Linear Programming and Spatial Decision Support System for Proposing and Optimizing Land Use Plan and Assessing its Impact for Soil conservation : A Case Study of Nagwan Watershed Hazaribagh Jharkhand, India. International Journal of GIS Vol 18(1): 73-98
- ii. **Srivastava, R. K.**; Kumar, Vinod; Raina, A.K. and Singh, J.P. (2004). Conjunctive Use of Surface and Subsurface Water Resources for Optimal Crop Production : A Case Study. Journal of Applied Hydrology. Vol. XVII, No. 2&3, pp 6-14.
- iii. **Srivastava, R.K.** and Sharma H.C. (2012) Prioritization of mini watersheds in Badri Gad watershed using GIS technique.

- Journal of Soil and Water Conservation 11(3): 25-33
- iv. **Srivastava, R.K.**; Sharma, H.C.; Singh, J.P.; Sushmita and Dadhich, Hemant (2014). Estimation of runoff of Western Himalayan watershed using Remote Sensing and Geographical Information System. Journal of Soil and Water Conservation 13(2): 127-133
- v. **Srivastava,R.K.** and Sharma, H.C. 2016. Drought investigation for crop planning in Badri Gad Watershed of Uttarakhand. Indian Journal of Ecology 43 (special issue-1): 50-54.

No. of books/Manuals/Momograms : **04**

Research project as PI/Nodal officer	Title	Funding agency	Period From	To	Status (on going/completed)
	Study & evaluation of low cost technologies for <i>in-situ</i> – <i>moisture</i> conservation in dry land area	University funded	2004	2007	Completed
	Demonstration of technologies for improving productivity of rainfed area in Jammu district	DST, New Delhi	March, 2017	Contd..	On going

Other achievements if ay (please specify) :

- Organized first Group Monitoring Workshop of DST SEED Projects under TIME LEARN Programme at SKUAST-Jammu during 07-08 December 2018
- Constructed various soil and water conservation measures at farmer's field
- Technology generated under the project was presented by DST during 14th Conference of Parties (COP14) to United Nations Convention to Combat Desertification (UNCCD) on 2-13 September, 2019 at India Expo Mart Greater Noida, India.