

Profile Information

Name	Dr. Sunil Kumar Rai
Designation	Chief Scientist & Incharge AICRP(R&M)
Contact Address	Division of PBG, FoA , SKUAST-J,Chatha-180009
E Mail	sunilivr@gmail.com
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Professional Experience	17years
Awards/ Honors/scholarships/fellowships	<ul style="list-style-type: none"> • Fellow Award by SRMR, DRMR(ICAR) Bharatpur, Rajasthan (2019). • Young Scientist Associate Award by B.R. Society, Allahabad (2012). • Received AICRP(R&M) Best center award in 2023. • University Gold Medal in M.Sc.(Ag.)
Areas of Specialization	Brassica Breeding
Research Interests	Oil Seed Breeding
Total no. of publication	69
Selected publication (Five)	<ol style="list-style-type: none"> 1. Ali Zafar, Rai S. K., Jan Sami and Raina Kavita (2022). An assessment on CRISPR Cas as a novel asset in mitigating drought stress, Genetic Resources and Crop Evolution Journal, 2022 v69 no.6 pp.2011-2027. 2. Bharat Rajeev,Gupta Vikas, Gupta Meenakshi and RaiS.K. (2022). Effects of different sowing schedules and planting geometry on yield and productivity of <i>Brassica Juncea</i> L., Bangladesh J.Bot. 51(3):631-635. 3. Rai G. K., Kumar R., J. Singh, Rai P. K. and Rai S.K. (2011), Peroxidase, Polyphenol oxidase activity, Protein profile and Phenolics content in tomato cultivars tolerant and susceptible to fusariumoxyporumf. sp. lycopersici. <i>Pakistan Journal of Botany</i>, 43 (6) :2979-2985. 4. Kumar, Sanjeet, Singh, Vineeta, Singh, Major ,Rai S. K. , Kumar, Sanjeev, Rai, Mathura and Kalloo, G, (2007), Genetics and distribution of fertility restoration associated RAPD markers in inbreds of Pepper (<i>Capsicum annum</i> L.). <i>Scientia Horticulture</i>. Vol.111(3): 197-202. 5. Rai S. K. and Verma A. 2005. Heterosis study in Indian mustard (<i>Brassica juncea</i>L. Czern&Coss). <i>Indian J. Genet.</i> 65(3): 217-218.

No. of Research papers /Books/ manuals/ monographs	<ul style="list-style-type: none"> • Research Publication in NAAS rated Journals - 42 • Manuals- 05 • Technical Bulletins -14, • Book Chapter-3, • Popular Articles-5. 				
Research Projects as PI/ Nodal Officer	Title	Funding Agency	Period		Status
			from	To	(Ongoing/completed)
	AICRP(R&M)	ICAR(DRMR)	Continuous		ongoing
Other achievements if any	<ul style="list-style-type: none"> • Five Rapeseed-Mustard variety developed RSPT-6 (Toria), JM 135 (Raya), RSPR-69(RAYA) ,JGS 123 (Gobhi Sarson) & RSPN-25 (GobgiSarson). • 15 days international exposure visit at Technical University of Denmark, Lyngby, Denmark from 22nd Nov. to 6th Dec. 2023. • Attended I6th International Rapeseed Congress (IRC-2023 SYDNEY) at Sydney, Australia from 24-27 September 2023. 				