

Faculty Profile

Name	:	Archana Singh
Designation	:	Assistant Professor
Department/School/Special Centre	:	Agriculture(School of Sciences)
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Qualifications	:	M.sc, Ph.D(Agriculture)
Areas of Teaching Interest	:	Plant pathology, Nematology, Agriculture microbiology
Areas of Research Interest/Specialization	:	Plant protection
Experience	:	1 year(NIU), 1 year(During Ph.D. Amity University)
Awards & Honours	:	Poster Award
International Collaboration/Consultancy	:	Nil
Best Peer Reviewed Publications (upto 5)	:	<p>1.Archana singh(2018)Growers“ friendly techno-package against root diseases of okra posing serious threat in and around western u.p International Journal of Research and Analytical Reviews Volume 5, Special Issue, April 2018, pp.813</p> <p>2.Archana Singh and B.K Goswami, Harender sharma(2017)Studies on toxicity of Rhizospheric fungi in combating infective larvae and egg parasitization of root knot nematode infecting Brinjal and okra Plant Archives vol. 17 No. 1, 2017 pp. 491-494</p> <p>3.Charu Gupta, Dhanprakash and Archana Singh (2017)Studies on the Composition and Potential as Biocontrol agent of Citrus limetta (Mousambi) Fruit Peel essential oil from western UP Indian perfumer Journal vol.61 No.2 April to June 2017</p> <p>4.B.K Goswami and Archana Singh(2016) Major soil bone fungal and plant parasite nematode status of vegetable and rice fields in Gautam Buddha Nagar and Bulandshahar districts of Uttar Pradesh. Plant Archives s Vol. 16 No. 2, 2016 pp. 893-896.</p> <p>5.Archana Singh and B.K Goswami(2016)In vitro evaluation of toxicity of different fungi against infective juveniles and egg parasitization of root knot nematode collected</p>

		<p>from Brinjal and okra rhizosphere (in press)in International Journal of Experimental Biology</p> <p>6.Neetu Singh, Archana Singh and Goswami B. K. (2016), Biomanagement of disease-complex of chilli through sustainable components (in Hindi). Jigyasa ,Indian Institute of Technology, New Delhi, Vol. 30 pp 33-37.</p> <p>7. Neetu Singh, Chaitali Bhattacharya, Archana Singh,M.C Sharma and B.K Goswami(2015) Performance of a highly potent strains of Tricoderma harzianum possessing egg parasitic character against root knot nematode in addition to mycoparasitism isolated from vegetable growing area of northern India. Plant Archives vol.15(2) 27-31</p> <p>8. B.K Goswami , Archana Singh, Neetu Singh,and Satyendra Singh (2015) Infestation of an endoparasitic migratory Rice Root Nematode, Hirschmanniella oryzae- A serious Threat to The Paddy Growers of Western U.P – plant Archives Vol.15 No.2,2015pp.1195-1196</p> <p>Patent A method for controlling root knot nematodes (<i>Melidogyne javanica</i>) with silica nanoparticles Reference number/Application type:page-5,E-101/4679/2017-Del,claims:6,Abstract-1,27/1/2017 by ARPITA BHATTACHARYA,BIJOY KUMAR GOSWAMI,NEETU SINGH,JAYA VERMA,ARCHANA SINGH</p>
<p>Recent Peer Reviewed Journals/Books (upto 3)</p>	<p>:</p>	<p>Application of IPM techno-package for management of root knot nematode and major soil borne wilt/rot fungi causing disease complex on rice and tomato” authored by B.K. Goswami, Neetu Singh and Archana Singh has been chapter accepted for printing in the book “Biological Control of Crop Diseases: Recent Advances & Perspectives</p>