

**DATA OF PH.D. SCHOLARS (Batch 2013-14)**  
**G.B. Pant University of Agriculture & Technology, Pantnagar – 263 145**  
**Distt.: U.S. Nagar (Uttarakhand)**

Sl. No.	Faculty	Department	Name of the Supervisor	Name of the Ph.D. Scholar	Mode of Ph.D. (Full Time/Part Time)	Registration Number	Date of Registration	Research Topic	Likely date of completion of Ph.D.	Availing Fellowship (Yes/No)	Funding Agency of Fellowship
1.	Agriculture	Agronomy	Dr. B.S. Mahapatra	Mr. Samar Pal Singh	Full Time	45717	24-07-2013	Irrigation optimization in yellow sarson ( <i>Brassica rapa</i> L. var. Yellow Sarson) in relation to planting methods and mulching	July, 2017	Inspire Fellowship	DST, New Delhi
2.	Agriculture	Agricultural Economics	Dr. H. N. Singh	Ashish Pakash	Full Time	33013	16-01-2014	Sustainability in Hill District of Uttarakhand	July, 2017	Yes	University Fellowship
3.	Agriculture	Agricultural Extension & Communication	Dr. Neelam Bhardwaj	Shikha Singh	Full Time	32193	29-07-2013	Gender Mainstreaming in Integrated Watershed Management Project: A study of Garhwal region of Uttarakhand	July, 2017	Yes	RGNF-UGC
4.	Agriculture	Agricultural Extension & Communication	Dr. S.K.Kashyap	Aritra Dutta	Full Time	40990	23-07-2013	Multidimensional analysis of integrated farming system amongst small and marginal farmers in lower gangetic plains of India	July, 2017	Yes (earlier now inservice)	UGC NET-JRF
5.	Agriculture	Agricultural Extension & Communication	Dr. V.L.V Kameswari	Vinod	Full Time	45780	27-07-2013	A study on impact of KRISHINET portal on Farmers	July, 2017	No	N/A
6.	Agriculture	Entomology	Dr. A.K. Karnatak	Shiva Shankar	Full Time	42813	24-07-2013	Sugarcane Entomology	July, 2017	No	N/A
7.	Agriculture	Entomology	Dr. R.S.Bisht	Ashish Devrani	Full Time	42536	17-01-2014	To be decided	Jan., 2018	No	N/A
8.	Agriculture	Genetics & Plant Breeding	Dr. S.P. Singh	Mr Deepankar Pandey	Full Time	33056	16-01-2014	Combining ability analysis for yield and quality parameters in Sugarcane ( <i>Saccharum</i> sp. complex)	Jan., 2018	No	N/A
9.	Agriculture	Genetics & Plant Breeding	Dr. Ram Bhajan	Neha Dahiya	Full Time	45845	20-01-2014	Inheritance of White Rust resistance and identification of potential parent for exploitation of Heterosis in <i>Brassica Juncea</i> L.	Jan., 2018	No	N/A
10.	Agriculture	Genetics & Plant Breeding	Dr. Surendra Singh	Mithilesh Kr. Singh	Full Time	45841	17-01-2014	Genetic analysis of Quantitative traits in Basmati Rice	Jan., 2018	Yes	ICAR

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11.	Agriculture	Genetics & Plant Breeding	Dr. Indra Deo	Harsha	Full Time	42756	29-07-2013	Genetic studies on agromorphology, quality traits, blast resistance and marker-trait association using SSR markers in relation to micronutrient (Fe & Zn) content in rice ( <i>Oryza sativa</i> L.)	July, 2017	Yes	Ministry of Tribal Affairs, Govt. of India (GOI)
12.	Agriculture	Genetics & Plant Breeding	Dr. S.K. Verma	Rakesh Choudhary	Full Time	45799	29-07-2013	Molecular diversity, generation mean analysis and inheritance studies for some morphological traits in lentil ( <i>Lens culinaris</i> Medikus)	July, 2017	Yes	Deptt. of Science and Technology GOI
13.	Agriculture	Horticulture	Dr. Santosh Kumar	Ms. Pragnyashree Mishra	Full Time	45512	23-07-2013	Effect of herbal extracts of <i>Nyctanthes arborsttis</i> Linn. On the bacteria isolated from vase solution and post harvest senescence of Rose cv. Grand Gala	July, 2017	No	N/A
14.	Agriculture	Horticulture	Dr. Satish Chand	Mr. Jitendra Chandra Chandola	Full Time	33415	23-07-2013	Evaluation of ethrel and promising chemical on flowering, yield and quality of litchi	Dec., 2017	Yes	UGC- Rajiv Gandhi National Fellowship
15.	Agriculture	Soil Science	Dr. K.P. Raverkar	Mohammad Yaseen	Full Time	34377	26-07-2013	Long term impact of manures & fertilizers application on carbon dynamics and soil quality under rice-wheat cropping system in Mollisols	July, 2017	No	N/A
16.	Agriculture	Soil Science	Dr. Shri Ram	Pradeep Sirari	Full Time	28776	16-01-2014	Effect of nutrient Management strategies on nutrients dynamics under long –term fertilizer experiment with rice-wheat cropping system	Jan., 2018	Yes	University
17.	Agriculture	Horticulture (Veg. Sci.)	Dr. Dinesh Kumar Singh	Chandan Singh Ahirwar	Full Time	45793	29-07-2013	Study of genetic diversity in cucumber	July, 2017	Yes	UGC
18.	Technology	Electrical Engineering	Dr. Sudha Arora	Puneet Joshi	Full Time	39482	29-07-2013	PV Systems With real-time MPPT	July, 2017	Yes	TEQIP-II

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19.	Technology	Electrical Engineering	Dr. Ajay Srivastava	Arvind Kumar	Full Time	39499	29-07-2013	High Performance Line Start PMSM	July, 2017	Yes	UGC-MHRD
20.	Technology	Electrical Engineering	Dr. Sudha Arora	Peeyush Kala	Full Time	41257	29-07-2013	Multilevel Inverter Topology	July, 2017	Yes	TEQIP-II
21.	Technology	Electronics & Communication Engineering	Dr.Sanjay Mathur	Mrs. Neetu Goyal	Full Time	30680	24-07-2013	Channel Allocation using Beam forming in Cognitive Radio Network (Tentative)	July, 2017	Yes	TEQIP-II
22.	Technology	Irrigation & Drainage Engineering	Dr. H.C. Sharma	Ms. Sweta Mishra	Full Time	45843	19-01-2014	To be decided	July, 2017	Yes	MHRD
23.	Technology	Mechanical Engineering	Dr. L. Varshney	Akash Deep Gupta	Full Time	40964	23-07-2013	Solar Air Heater	July, 2017	Yes	TEQIP-II
24.	Technology	Mechanical Engineering	Dr. Rakesh Saxena	Ashutosh	Full Time	39335	24-07-2013	Composite Material	July, 2017	Yes	TEQIP-II
25.	Technology	PHPFE	Dr. N.C. Shahi	Ms. Rishi Richa	Full Time	42739	25-07-2013	Optimization of process parameter of heating followed by solar drying of	July, 2017	Yes	TEQIP
26.	Home Science	Foods & Nutrition	Dr. Archana Kushwaha	Ms.Deepa Joshi	Full Time	30123	16-01-2014	<b>Tentative Title</b> A Situation analysis of KAP regarding anaemia, and development of a nutrition and health promotion module for awareness generation among adolescent girls and functionaries in ICDS.	July, 2017	Yes	G.B. Pant university of Agriculture & Technology
27.	Home Science	Family Resource Management	Dr. Aditi Vats	Ms. Poonam	Full Time	32168	16-01-2014	Empowerment Status And Measures For Mainstreaming Sustainable Quality Of Life In Uttarakhand State	July, 2017	Yes	RGNF
28.	Home Science	Family Resource Management	Dr. Seema Kwatra	Ms. Sushma Gangwar	Full Time	26174	16-01-2014	Integration Of Human Factors In Sugarcane Production: An Analytical Approach	July, 2017	Yes	UGC
29.	Home Science	Family Resource Management	Dr. Promila Sharma	Ms. Kirti Kesarwani	Full Time	42753	24-07-2013	Assessment Heat Stress Among Agricultural Farm Workers Of Allahabad	July, 2017	Yes	DST

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30.	CBSH	Biochemistry	Dr. Ashutosh Dubey	Pratima Raypa	Full Time	40846	29-07-2013	Phytochemical and molecular evaluation of endangered tree <i>Adina cardifolia</i>	July, 2017	Yes	UGC
31.	CBSH	Biochemistry	Dr. Sanjeev Agrawal	Manali Singh	Full Time	45576	24-07-2013	Effect of micro/macro environment of rhizogenesis for optimization of withanolide contents in <i>Withania somnifera</i>	July, 2017	Yes	GBPIHED, Almora
32.	CBSH	Biochemistry	Dr. Vandana A Kumar	Soniya Saini	Full Time	36825	23-07-2013	Quantification of valerenic acid and phytochemicals for antioxidant activity during the <i>in vitro</i> rhizogenesis of <i>Valeriana jatamansi Jones vis-a-vis</i> wild roots	July, 2017	No	N/A
33.	CBSH	Chemistry	Dr. Viveka Nand	Ms. Jyotsna Dhanik	Full Time	42814	25-07-2013	Chemical profiling and biological activities of different ecessions of ginger	July, 2017	Yes	DST-INSPIRE
34.	CBSH	Chemistry	Dr. M.G.H. Zaidi	Ms. Ila Joshi	Full Time	45720	25-07-2013	Synthesis and electrochemical characterization of polymer nano composites	July, 2017	Yes	GBPUA&T
35.	CBSH	Chemistry	Dr. Om Prakash	Ms. Archana Parki	Full Time	40852	25-07-2013	Seasonal chemical diversity among <i>Acorus calamus</i> from different altitudes of Uttarakhand himalayas: pharmacological screening and analysis of genetic variability	July, 2017	Yes	GBPUA&T
36.	CBSH	Chemistry	Dr. Om Prakash	Ms. Pinky Chaubey	Full Time	45844	17-01-2014	Chemical Diversity and Genetic Profilling, Among Accessions of <i>Acorus xalamus</i> from different altitudinal regions of Uttarakhand & determination of their biological activity	July, 2017	Yes	GBPUA&T

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37.	CBSH	Environmental Science	Dr. J.P.N. Rai	Mr. Apourv Pant	Full Time	42832	17-01-2014	Biodegradation of Chlorantraniliprole (CPA) by native Rhizospheric Bacterial Isolates of Agricultural soils."	July, 2017	Yes	University Fellowship
38.	CBSH	Environmental Science	Dr. J.P.N. Rai	Ms. V Sangeetha	Full Time	42761	17-01-2014	To be decided	July, 2017	Yes	One Girl Child Fellowship
39.	CBSH	Math., Stat. & Comp. Sci.	Dr. S.B. Singh	Meenakshi	Full Time	45847	17-01-2014	Reliability Theory	July, 2017	Yes	GBPUA&T
40.	CBSH	Math., Stat. & Comp. Sci.	Dr. Sanjay Kumar	Kamlesh Bisht	Full Time	45848	17-01-2014	Fuzzy Time Series Forecasting	July, 2017	Yes	GBPUA&T
41.	CBSH	Math., Stat. & Comp. Sci.	Dr. Manoj Kumar	Alok Kumar Pandey	Full Time	45850	17-01-2014	Fluid Dynamics	July, 2017	Yes	GBPUA&T
42.	CBSH	Microbiology	Dr. Anita Sharma	Ms. Priyanka Khati	Full Time	40821	23-07-2013	Impact of agrisable nanocompounds on soil health	July, 2017	Yes	UGC
43.	CBSH	MBGE	Dr. Anil Kumar	Ms. Divya Sharma,	Full Time	45783	29-07-2013	Next generation sequencing approach for establishing seed-CA-SNP association in finger millet	July, 2017	Yes	DBT-SRF
44.	CBSH	MBGE	Dr. B.R. Singh	Ms. Anamika Kashyap,	Full Time	45620	27-07-2013	Over expression and knockout approaches for defining the role of DOF7IF in NUE grian protein vs yield of Eleusine coracana	July, 2017	Yes	RGNF- SRF
45.	CBSH	MBGE	Dr. Anil Kumar	Mr. Gautam Jamra	Full Time	45854	28-01-2014	Transgenic approach to over express Cax1 & Cax3 genes in finger millet as well as in rice for calcium biofortification	July, 2017	Yes	DBT-JRF
46.	CBSH	Physics	Dr. M. Kumar	Ms. Sandhya Bhatt	Full Time	42604	23-07-2013	Theoretical study of Nanomaterials	July, 2017	Yes	INSPIRE-DST
47.	CBSH	Physics	Dr. U.C.Johri	Mr. B.S.Airy	Full Time	40892	15-01-2014	Quantum Computation	July, 2017	No	N/A
48.	CBSH	Plant Physiology	Dr. Gurdeep Bains	Vinai Kumar	Full Time	39405	24-07-2013	Elucidating the effect of salicylic acid and glycerol on physiological and biochemical aspects of mango malformation	July, 2017	No	N/A

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49.	CBSH	Plant Physiology	Dr. Atul kumar	Ms Kalpana Maurya	Full Time	42538	15-01-2014	Elucidation of drought stress tolerance response in different genotypes of rice ( <i>Oryza sativa L.</i> ) exposed to multiple abiotic stresses.	July, 2017	No	N/A
50.	CBSH	Biological Sciences	Dr. A.K. Sharma	Pallavi	Full Time	40824	26-07-2013	Rhizosphere Biology	July, 2017	Yes	DST-INSPIRE
51.	CBSH	Biological Sciences	Dr. Preeti Chaturvedi	Tanuja Tiwari	Full Time	45601	26-07-2013	Medicinal Plants	July, 2017	No	N/A
52.	CBSH	Biological Sciences	Dr. D.S. Rawat	Sumita Rana	Full Time	45853	20-01-2014	Cultivated exotic flora of Pantnagar	July, 2017	No	N/A
53.	Veterinary & Animal Science	Livestock Production & Management	Dr. Anil Kumar	Shikha Yadav	Full Time	33010	16-01-2014	To be decided	July, 2017	Yes	G.B.P.U.A.&T . Pantnagar
54.	CABM	HRPM	Dr. Ashutosh Singh	Ms. Sneha Dohare	Part Time	45547	24-07-2013	Impact of performance appraisal practices on employees' behavioral outcomes: A comparative study of public, private and cooperative sector banks of district udham singh nagar	July, 2018	No	N/A