

Department of Plant Pathology
Narendra Deva University of Agriculture & Technology
Kumarganj, Faizabad

(Report)

Faculty and staff Position

Faculty Position	Availability	Reason if not available
Professor 01	Nil	Due to retirement
Assoc. Professor 01	Nil	Due to retirement
Asstt. Professor 01	Nil	Due to transfer
Staff Position	Availability	Reason if not available
Junior Clerk 01	01	-
Account Clerk	01	-
Junior Steno/ Computer Assistant	01	-
Lab Assistant-03	03	-
Lab Attendant--01	One	-
Faculty/Staff Name	Post	Mobile No.
Dr. Sushil Kumar Singh	Assistant Professor	9415720255
Sri. Sidhman Singh	Lab Assistant	9721182725
Sri. Ram Singh	Lab Assistant	8960476599
Sri Uday Pratap Singh	Lab Assistant	8896181780
Sri. Sunil Kumar Singh	Account Clerk	9919646623
Sri. Alamgeer Ahmad	Junior Clerk 01	8896949097
Sri. Sunil Maurya	Junior Steno/ Computer Assistant	9450766854

Number of students enrolled and passed

1. In year 2015-16 fourteen students admitted in M. Sc. (Ag) and Three students in Ph. D. programme.
2. In year 2015-16 ten students completed M. Sc. (Ag) and two students in Ph. D. degree programme.

Placement

1. Dr. N. K. Sharma, selected as SMS, KVK, Allahabad (2013).
2. Dr. Samir Pratap Singh (2014) and Mr. Ajay Kumar (2014), Ph. D. students were selected as Lecturer (Contractual) at Banda University of Agriculture & Technology, Banda and Banaras Hindu University, Varanasi respectively.

Participation in Symposium/ conference

1. IPS-MEZ Zonal National Conference on 'Microbes promoting Crop Health, Productivity & Sustainability'(2013). Central Institute of Medicinal and Aromatic Plants, National Botanical Research Institute, Lucknow.
2. IInd U. P. Agricultural Science Congress on "Technological and Governance Strategies for Advancement of Agricultural Education, Research and Extension in Uttar Pradesh" (2014). U. P. Council of Agricultural Research, Lucknow.
3. IPS-MEZ Zonal Meeting & National symposium on Recent advances in diagnosis and management of diseases of field and horticultural crops" (2015). Department of Plant Pathology, N. D. University of Agriculture & Tech., Kumarganj, Faizabad.

List of courses offered during 1st semester 2016-17

UG	S.No	Course No.	Course Title	Credit	Instructor
	1.	PP 111(N)	Plant Pathogens and Principles of Plant Pathology	4(3+1)	Dr. S. K. Singh Dr. H. K. Singh Dr. Dharmendra Kumar
	2.	PP 311 (N)	Diseases of Horticultural Crops and their Management	3(2+1)	Dr. Sanjeev Kumar Dr. R. S. Mishra Dr. V.P.Chaudhary
PG	3.	PP 511	Plant pathological techniques	2(0+2)	Dr. H. K.Singh Sri J. P.Srivastava
	4.	PP 512	Mycology I	3(2+1)	Dr. R.S.Mishra Dr. S. K. Pande

	5.	PP 513	Introductory Bacteriology	3(2+1)	Dr. S. K. Singh Dr. Dharmendra Kumar Sri J. P. Srivastava
	6.	PP 514	Non-parasitic Diseases and Phanerogamic Parasites	3(2+1)	Dr. Dharmendra Kumar Dr. V.P. Chaudhary
	7.	PP 515	Diseases of Field Crops	3(2+1)	Dr. S.P. Singh Dr. Subhash Chandra Dr. H.K. Singh
	8.	PP 516	Seed Pathology	3(2+1)	Sri J.P. Srivastava Dr. S.P. Singh
	9.	PP 517	Biological Control of Plant Diseases and Weeds	2(1+1)	Dr. Sanjeev Kumar Dr. Dharmendra Kumar
	10.	PP 591	M.sc.(Ag.) seminar	1(0+1)	Dr. Dharmendra Kumar Dr. S. K. Pande
	11.	PP 600	M.sc.(Ag.) research	Variable	Variable Advisors
Ph. D.	12.	PP 611	Advanced Virology	3(2+1)	Dr. S. K. Singh Dr. Dharmendra Kumar
	13.	PP 613	Advanced Bacteriology	3(2+1)	Sri J.P. Srivastava Dr. Dharmendra Kumar Dr. S. K. Singh
	14.	PP 614	Advanced Mycology	3(2+1)	Dr. R.S. Mishra Dr. S. K. Pande
	15.	PP 615	Bacterial, Viral and Virus like Diseases of Plants	2(1+1)	Dr. H. K. Singh
	16.	PP 616	Insect Vectors of Plant Viruses and other Pathogens	2(1+1)	Dr. S. K. Singh Dr. Subhash Chand
	17.	PP 617	Advance Techniques in Plant Protection	2(0+2)	Dr. Dharmendra Kumar
	18.	PP 618	International Agricultural Research and Research ethics	2(0+2)	Sri J.P. Srivastava
	19.	PP 691	Ph.D. Seminar	1(0+1)	Dr. Dharmendra Kumar Dr. S. K. Pande
	20.	PP 700	Ph.D. Research	Variable	Variable Advisors

List of courses offered during Ist semester 2016-17 for B.Sc. (Horticulture)

S.No.	Course No.	Course Title	Credits	Instructors
1	PP 211 (H)N	Fundamentals of Plant Pathology	3(2+1)	Dr. Sanjeev Kumar Dr. S. K. Pande
2.	PP 212 (H)N	Diseases of Fruit Plantation, Medicinal and Aromatic Crops	3(2+1)	Dr. Sanjeev Kumar Dr. S.K. Pande

3.	PP 311 (H)N	Diseases of Vegetables Ornamentals and Spices Crops	3(2+1)	Dr. R.S. Mishra Dr. Sanjeev Kumar Dr. V.P. Chaudhary
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List of Courses offered during II semester 2015-16

S.No.	Course No.	Course title	Credit	Instructor
UG				
1	PP 221 (N)	Diseases of field crops and their management	3(2+1)	Dr. S.P.Singh Dr. H.K.Singh Dr. Subhash Chandra
2	CEL 421 (N) II	5- Mushroom cultivation	2(0+2)	Dr. Pradeep Kumar Dr. R. S. Mishra
3	CEL 421 (N) II	6- Bio-control agencies and bio-pesticide	3(1+2)	Dr. Sanjeev Kumar Dr. Dharmendra Kumar
4	CEL-421 (N) II	1 – IPM and IDM (Pest disease scouting)	2(1+1)	Dr. S.K. Singh Dr. Dharmendra Kumar
5	CEL-421 (N) II	2- Management of post harvest insect pest and diseases	3(1+2)	Dr. S.K. Singh Dr. Pradeep Kumar
PG				
6	PP 521	Principles of Plant Pathology	3(3+0)	Dr. S.P. Singh Dr. Subhash Chandra
7	PP 522	Diseases of plantation, spices and medicinal plants	3(2+1)	Dr. R.S. Mishra Dr. Sanjeev Kumar Dr. S. K. Pande
8	PP 523	Introductory virology	3(2+1)	Dr. S. K. Singh Dr Dharmendra Kumar
9	PP 524	Chemicals in plant disease control	3(2+1)	Dr. H.K. Singh Dr. S.K. Pandey Dr. Pradeep Kumar
10	PP 525	Diseases of fruits & ornamental crops	3(2+1)	Dr. Sanjeev Kumar Dr. S. K. Pande
11	PP 526	Diseases of vegetable crops	2(1+1)	Dr. S.P. Pathak Dr. R. S. Mishra Dr. V.P. Chaudhary
12	PP 527	Plant disease management	3(2+1)	Sri J. P. Srivastava Dr. S.P. Singh Dr. V.P. Chaudhary
13	PP 528	Plant Disease Clinic	1(0+1)	Dr. S.P. Pathak
14	PP 529	Mycology-II	3(2+1)	Dr. R.S Mishra Dr.(Mrs.) S. Gupta Dr. S. P. Pathak
15	PP 591	M.Sc. (Ag.) Seminar	1(0+1)	Dr.(Mrs.) S. Gupta Dr. S.P. Pathak

16	PP 600	M.Sc. (Ag.) Research	Variable	Variable Advisor
Ph.D.				
17	PP 621	Plant quarantine and pest risk analysis	1(1+0)	Sri J. P. Srivastava
18	PP 622	Molecular and Biotechnological Plant Pathology	3(2+1)	Dr Dharmendra Kumar
19	PP 623	Epiphytology- forecasting and assessment of losses	3(2+1)	Dr.(Mrs.) S. Gupta Dr. S.P. Pathak
20	PP 624	Host plant resistance	2(1+1)	Dr. Dharmendra Kumar Dr. S. K. Singh
21	PP 691	Ph.D. Seminar	1(0+1)	Dr.(Mrs.) S. Gupta Dr. S.P. Pathak
22	PP 700	Ph.D. Research	Variable	Variable Advisor

List of Courses offered during II semester 2015-16 for Horticulture & Forestry

S.No.	Course No.	Course title	Credit	Instructor
UG				
1	PP 221H (N)	Mushroom culture	(0+1)	Dr. R. S. Mishra Dr. Pradeep Kumar

List of research publications

1. Singh, S. P. and **Singh, S. K.** (2014). Source(s) of resistance in mungbean for cercospora leaf spot disease. *Annals of Agri Bio Research* **19**(2):280-281.
2. Singh, S. P. and **Singh, S. K.** (2014). Biopesticidal effect of botanicals on the management of cercospora leaf spot of mungbean. *Annals of Biology* **30** (2):368-371.
3. Pandey, A. K., Awasthi, L. P., Pandey, V. P., Sharma, N. K., Kumar, A., **Singh, S. K.** and Pande, S. K. (2014). Bio-efficacy of root extract of *Boerhaavia diffusa* on yellow disease of ginger. *American International Journal of Research in Formal, Applied & Natural Sciences* **5**(1): 79-80.
4. Kumar, Adesh, Prasad, Shambhoo and **Singh, S. K.** (2014). Screening of freeliving rhizobacteria associated with wheat rhizosphere for plant growth promoting traits. *African Journal of Agricultural Research* **9**(13): 1094-1100.
5. Kumar, A., Shukla, U. K., Singh, A., Poonam, A. K., Prasad, S., **Singh, S. K.** and Kumar, D. (2014). Evaluation of *Pseudomonas* isolates from wheat for some plant growth promoting traits. *African Journal of Microbiology Research* **8**(27): 2604-2608.
6. Kumar, D., Maurya, N., Bharati, Y. K., Kumar, A., Kumar, K., Srivastava, K., Chand, G., Kushwaha, C., **Singh, S. K.**, Mishra, R. K. and Kumar, A. (2014). Alternaria blight of oilseed Brassicas: A comprehensive review. *African Journal of Microbiology Research* **8**(30): 2816-2829.
7. Kumar, A., Kumar, K., Kumar, P., Maurya, R., Prasad, S. and **Singh, S. K.** (2014). Production of indole acetic acid by *Azotobacter* strains associated with mungbean. *Plant Archives* **14**(1):41-42.

8. Shukla, Vandana., **Singh, S. K.** and Baghel, Sanghmitra. (2014). Role of biochemical constituents in imparting resistance to mungbean varieties against anthracnose [*Colletotrichum truncatum* (schw.) Andrus and Moore]. *The Ecoscan*, **VI** (Sp. issue): 141-145.
9. Shukla, V., Devi, Payal., Nayak, Tripti and **Singh, S. K.** (2014).Effect of Temperature and pH on growth and sporulation of *Colletotrichum truncatum*(Schw.) Andrus and Moore causing anthracnose of mungbean. *Research Journal of Agricultural Sciences* **5(5):1009-1011**.
10. **Singh, S. K.** and Singh, S. P. (2014). Integration of chemical, plant extract and inter-cropping for the management of cercospora leaf spot of mungbean. *Journal of Food Legumes* **27(4):332-333**.
11. Kumar, A., Pathak, S. P., **Singh, S. K.** and Kumar, G. (2015). Evaluation of potato genotypes against early blight of potato. *Res. Environ. Life Sc.***8(3):489-492**.
12. Chaubey, A. N., **Singh, S. K.** and Pande, S. K. .(2015). Viral diseases of cucumber (*Cucumis sativus*) and their management with antiviral substance of plant origin. *Res. Environ. Life Sc.* **8(4): 667-668**.
13. Chaubey, A. N., Pande, S. K., **Singh, S. K.** and Yadav, S. K. .(2015). Performance of papaya genotypes against papaya ringspot and leaf curl diseases. *Res. Environ. Life Sc.* **8(4): 741-742**.
14. Singh, S. P., **Singh, Sushil Kumar.**, Awasthi, L. P. and Chaudhary, Abhishek Kumar.(2016).Studies on the transmission of yellow vein mosaic virus disease in okra. *Res. Environ. Life Sc.* **9(1): 29-30**.
15. Abhishek., **Singh. S. K.** and Shiwangi (2016). Studies on the effect of weather conditions on whitefly (*Bemisia tabaci*)population and tomato leaf curl disease. *Res. Environ. Life Sc.* **9(4): 470-472**.

(B). Book Published

1. Singh, Samir Pratap and **Singh, Sushil, Kumar** (2014). Diseases Management of cercospora leaf spot of mungbean- An Integrated Practices. Lambert Academic Publishing GmbH & Co. KG Heinrich-Bocking-Str. 6-8, 66121, Saarbrucken, Germany. (**ISBN 978-3-659-61824-6**)
2. **Singh, Sushil, Kumar.**, Singh, Dinesh and Kumar, Adesh (2015). Plant Diseases and Their Management. Kalyani Publisher, Ludhiana, pp 364 (**ISBN: 978-93-272-5633-8**).

Manual developed

Singh, Sushil Kr., Gupta, R. P. and Awasthi, L. P.(2013) Manual on Identification and management of plant diseases. Deptt. of Plant Pathology, NDUAT, Kumarganj, Faizabad.

Award

1. Dr. S. K. Singh, Astd. Professor, Deptt. of Plant Pathology recognized as Fellow in Indian Society of Pulse Research and Development, IIPR, Kanpur in 2014.

2. Dr. S. K. Singh, Astd. Professor, Deptt. of Plant Pathology got 3rd prize in poster presentation in IPS-MEZ Zonal Meeting & National symposium on Recent advances in diagnosis and management of diseases of field and horticultural crops”(Feb.,28- March 01, 2015). Organized by Indian Phytopathological Society and Deptt. of Plant Pathology, N. D. U.A & T.,Kumarganj, Faizabad.