### College of Agriculture Courses Offered, 1<sup>st</sup> Semester

S.No.	Course No.	Course Title	Credits	Instructor				
Underg	Undergraduate							
1.	ENT 211(N)	Insect Morphology & Systematics	3(2+1)	Dr.A.K.Singh Dr.R.B.Singh				
2.	ENT 311(N)	Insect Ecology & Integrated Pests Management	3(2+1)	Dr. Umesh Chandra Dr. P.K.Gupta				
Postgra	aduate							
1.	ENT 511	Insect Morphology	2(1+1)	Dr.A.K.Singh				
2.	ENT 512	Insect Ecology	2(1+1)	Mr.Pankaj Kumar				
3.	ENT 515	Insect Pests of Field Crops	2(1+1)	Dr. Umesh Chandra Dr. P.K.Gupta				
4.	ENT 516	Insect Systematic	2(1+1)	Dr.A.K.Singh				
5.	ENT 517	Biological Control	3(2+1)	Dr.Umesh Chandra Dr. P.K.Gupta				
6.	ENT 518	Toxicology of Insecticides	3(2+1)	Dr.Umesh Chandra Dr. P.K.Gupta				
7.	ENT 519	Insect of Industrial Importance	3(2+1)	Dr.P.K.Gupta Dr.Umesh Chandra				
8.	ENT 591	Seminar	1(0+1)	Dr. P.K.Gupta Dr. A.K.Singh Dr. Umesh Chandra				
9.	ENT 600	M.Sc.(Ag.) Research	Variable	-				
10.	ENT 611	Advances in Insect Pest Management	1(0+1)	Dr. Umesh Chandra Dr. P.K.Gupta				
11.	ENT 612	Advances in Biological Control	2(1+1)	Dr. P.K.Gupta Dr. Umesh Chandra				
12.	ENT 613	Quarantine Entomology	1(1+0)	Mr.Pankaj Kumar Dr. P.K.Gupta				
13.	ENT 614	Advanced Insect Systematics	2(1+1)	Dr.A.K.Singh				
14.	ENT 691	Seminar	1(0+1)	Dr.P.K.Gupta Dr.A.K.Singh Dr. Umesh Chandra				
15.	ENT 700	Ph.D Research	Variable	_				

# College of Agriculture Courses Offered, 1<sup>st</sup> Semester( College of Horticulture & Forestry)

S.No.	Course No.	Course Title	Credits	Instructor
1.	ENT 211 (H) N	Fundamentals of Entomology	3(2+1)	Dr.D.C.Singh
				Dr.R.B.Singh

### College of Agriculture Courses Offered, 2<sup>nd</sup> Semester

S.No.	Course No.	Course Title	Credits	Instructor
Under	Graduate			
1.	ENT-221(N)	Insect pests of crops and stored grains and their management	3(2+1)	Dr.Umesh Chandra & Dr.P.K.Gupta
2.	CEL-421(N)II	1	I.	
	i.CEL- 421(N)II-1	Integrated Pest Management	2(1+1)	Dr. P.K.Gupta & Dr. Umesh Chandra
	ii.CEL- 421(N)II-2	Management of post harvest insect- pest	1.5(0.5+1)	Dr.R.C.Sharma
	iii.CEL- 421(N)II-3	Non insect pest and their management	3(1+2)	Dr.A.K.Singh & Dr.D.C.Singh
	iv.CEL- 421(N)II-4	Apiculture	2(0+2)	Dr.Umesh Chandra & Dr.P.K.Gupta
	v.CEL- 421(N)II-5	Bio-control agents & bio-pesticides	1.5(0.5+1)	Dr.R.C.Sharma & Dr. P.K.Gupta
Post G	raduate			
1.	ENT-522	Insect anatomy, physiology & nutrition	3(2+1)	Dr.A.K.Singh & Dr.R.C.Sharma
2.	ENT-523	Integrated pest management	3(2+1)	Dr.Umessh Chandra & Dr.P.K.Gupta
3.	ENT-524	Insect resistance in crop plants	2(1+1)	Dr. P.K.Gupta & Dr.Umesh Chandra
4.	ENT-526	Insect pests of fruits, vegetables, spices & medicinal plants	3(2+1)	Dr.Umesh Chandra & Dr.P.K.Gupta
5.	ENT-527	Storage pests & their management	2(1+1)	Dr.R.B.Singh
6.	ENT-591	Seminar	1	Dr.P.K.Gupta, Dr.A.K.Singh & Dr. Umesh Chandra
7.	ENT-600	M.Sc.(Ag.) Research	Variables	
8.	ENT-622	Advances in toxicology of insecticides	2(1+1)	Dr.Umesh Chandra & Dr.P.K.Gupta
9.	ENT-623	Advanced insect ecology	2(1+1)	Dr.R.C.Sharma & Dr.P.K.Gupta
10.	ENT-624	Advances in insect physiology	2(2+0)	Dr.R.C.Sharma
11.	ENT-691	Seminar	1	Dr.P.K.Gupta, Dr.R.C.Sharma & Dr.Umesh Chandra
12.	ENT-700	Ph.D Research	Variables	

# College of Agriculture Courses Offered, 2<sup>nd</sup> Semester (College of Horticulture & Forestry)

S.No.	Course No.	Course Title	Credits	Instructor	
1.	ENT- 221 (H) N	Insect pests of Fruits Plantation,	3(2+1)	Dr.R.C.Sharma &	
		Medicinal & Aromatic Plants		Dr.P.K.Gupta	
2.	ENT-321(H)N	Apiculture	1(0+1)	Dr.Umesh Chandra &	
		_		Dr.P.K.Gupta	
3.	ENT-322(H)N	Insect pests of vegetables, ornamental	3(2+1)	Dr.D.C.Singh &	
		& species crops		Dr.R.B.Singh	

### **Faculty and Other Staff Position**

S.No	Name Staff	Designation	Mobile No.
1.	Dr. P.K.Gupta,	Professor & Head	9415740492
2.	Dr. A.K.Singh,	Assoc. Professor	9415718043
3.	Dr. Umesh Chandra,	Asstt. Professor	9451158771
4.	Mr. Vijay Kumar Srivastava,	Sr. Stenographer	9452169983
5.	Dr. Anil Kumar Singh,	T.A.	9450763038
6.	Mr. Subal Singh,	Lab. Asstt.	9450764027
7.	Mr. Pradeep Khare	Accounts Clerk	9415193049
8.	Mr. Krishna Dev Singh,	Lab. Asstt.	9450181943
9.	Mr. Sant Saran,	Field Attendant	9648087736

#### **Achievements of Department of Entomology**

# Research Publications of Dr.P.K.Gupta, Professor & Head during the period (2014-15 & 2015-16)

- Prasad,S.S., Gupta,P.K. and Mishra, J.P. 2014. Evaluation of certain new insecticides against yellow stem borer, *Scirpophaga incertulas* on semi deep water rice. International J. of current microbiology and Applied Sciences. 3(9):736-740
- ii. Verma,S.K., Singh, R.B.Gupta, P.K. and Vimal Kumar singh, 2014. Validation of traditional seed protectants against *Rhizopertha dominica* (Fab)in wheat. New Agriculturist 25(1):1-4.
- iii. Gautam, C.P.N., Gupta, P.K., Chandra, U., Sandeep Kumar, 2015 "i Mkkodkjh, oa mfpr i kgk l ij {kk" gfjr df'k 7½04½ 03&04-
- iv. Gautam, C.P.N., Gupta, P.K., Kardam, R.C., Chandra Umesh and Yadava, R.L. "xllus ea I eflor dl/V i cl/ku" gfjr df/kj 7/06/20&23
- v. Singh, Vimal Kumar, Gupta, P.K. Singh, R.B. and Singh, J.P. 2015. Field evaluation of Rice germplasm against leaf folder, *Cnaphalocrocis medinalis* Guenee under irrigated condition. Annals of Plant and Soil Research (17)(2015): Accepted.
- vi. Singh, Vimal Kumar, Gupta, P.K. Singh, R.B. and Singh, J.P. 2015. Effect of date of planting on rice leaf folder, *Cnaphalocrocis medinalis*Guenee in aromatic rice. Annals of Plant and Soil Research
  (17)(2015): Accepted.
- i. Prasad,S.S., Gupta,P.K. and Mishra, J.P. 2015. Field studies on compatibility of new insecticides and fungicides against stem borer and leaf blast under semi deep water Rice. International Journal Research and Review V.2 (12):723-726.
- ii. Chaudhary, Abhishek Kumar, Gupta, P.K., Kumar Ashwani and Singh, Rahul Kumar 2016. Effect of biological and spinosad insecticide on larval of Okra shoot and fruit borer *Earias vittela* (Feb.) **Res.Environ Life Sci** 9(1):11-12.
- iii. Singh, Jai Pratap, Gupta, P.K., Chandra, Umesh, Singh, A.K. and Vimal Kumar singh, 2016. Identification of promising brinjal (*Salanum melanogna*) genotypes against shoot and fruit borer (Leucinodes orbonalis Guenee): ABSTRACT Published in **National Conference on Science for Rural India**-2016 held at Deoria (U.P.) on 30-31<sup>st</sup> January, 2016. P.25.

- iv. Gupta,P.K., Chandra, Umesh, Akshay Kumar and Singh, Vikrant, 2016.
  Studies on population dynamics of insect pests of rice crop and with special reference to the insecticidal effect on rice leaf folder (*Craphalocrosis mendinalis*) yellow stem borer (*Scirpophaga incertulas*) and natural enemies. ABSTRACT p.27 in National Conference on Science for Rural India-2016.
- v. Singh, Jai Pratap, Gupta, P.K., Chandra, Umesh, Singh, A.K. and Singh, Vimal Kumar. 2016. Efficacy of newer insecticides and biopesticides against brinjal shoot and fruit borer (*Leucinodes orbonalis Guenee*) ABSTRACT.p.26. **National Conference on Science for Rural India**. 2016.

Participation of Dr. A.K.Singh in Seminar, Symposia / Workshops etc. during the period 2009-10 to 2014-15.

- 1. Attended the Symposium on "Emerging trends in Plant Sciences and Herbal Medicines" held on 17.03.2009 at NDUAT, Faizabad.
- 2. Attended the National Seminar on "Organic Farming: Value addition and exports from U.P." held at NDUAT, Faizabad on 07.10.2009.
- 3. Attended AZRA-2009 National Conference on "Biodiversity Conservation and Management of Bio- resources" held on 28-29 Oct., 2009 at Andhra University, Vishakapatnam.
- 4. Attended the Workshop on Content Development of NAIP-RKMP projects held at NDUAT campus on 27-28 Feb., 2012.
- 5. Attended the National Symposium on "Emerging Pollutants and Pathogens due to climatic change: Challenges and risk reduction" held at NDUAT, Kumarganj, Faizabad on 08-09 March, 2013.
- 6. Attended National Seminar on "Frontier Agriculture 2013" held at NDUAT, Kumarganj, Faizabad 20-21 April, 2013.
- 7. Attended the First U.P.Agricultural Science Congress on "Emerging Challenges and resource management for food security" held at NDUAT, Kumarganj, Faizabad on 17-19 August, 2013.

- Singh P.K., Singh A.K., Singh H.M, Kumar P and Yadav C.B. 2009 Insect of spine gourd ( *Momordica dioca* Roxb.) and efficacy of some insecticides against the epilachnid beetle, Henosepilachna vigintioctopunctata (F.) A serious pest of this crop. Pest Management and Economic Zoology 17 (1): 85-91.
- Singh, A.K., Kumar Santosh and Kumar Pankaj 2010 Varietal resistance of cow pea Vigna unguiculata L. J. Plant Prot. Ennviron. 7 (2): 87-90.
- Pandey, V Singh, A.K. and Sharma, R.P. 2010 Biodiversity of insect pests associated with teak (Tectona grandis L.f.) in eastern uttar Pradesh of India. Research General of Forestry 4(3):136-144.
- Singh, P.K., Singh, A.K. Singh, H.M. and Kumar P Biodiversity of insect pests associated with Spine Gourd (Momodica dioica Roxb.) in eastern uttar Pradesh Journal of Insect Science 24 (Special issue):172-174.
- Singh, Sundar Pal, Singh, H.M., Singh, A.K. and Singh, D.K. 2012 Seasonal occurrence of Methyle eugenol and Cue Lure attracted fruit flies. Annl. Pl. Prot. Sci., 20(1):55-58.
- Singh, Sundar Pal, Singh, H.M., Singh, A.K. and Singh, D.K. 2012. Efficacy and economics of para-pheromones of fruit fly traps and their dispensers. Annl. Pl. Prot. Sci., 20(1):117-119.
- Singh, A.K., Kumar Santosh, Kumar P and Maurya, M.L.2012 Population dynamics of flower feeders and pod borers on cow pea and their co relation with the meteorological parameters J.Plant Prot.Ennviron.9 (2): 49-52.
- Singh, A.K., Manikandan, R., Singh, H.M. and Kumar Pankaj 2013 Efficacy of botanical, microbial and systemic insecticides against Aphis gossypii
  - Glober infesting isabgol. *J.Plant Prot.Ennviron*.10 (1): 90-92.
- Singh, A.K., Vishwakarma, I.K., Singh, D.C. and Kumar Pankaj 2014. Population dynamics of major sap feeders and borers on brinjal and relation with meteorological parameters. Prot.Ennviron.11 (1): 20-24.

- Pated, Mahantesh Kadappa, Singh, H.M., Singh, A.K. and Singh Vinod Kumar 2014 Wheat *Tricum aestivum* L., an alternate host of rice hispa, *Dicladispa armigera*, Olivier. *J.Plant Prot.Ennviron*.1 (1): 49-50.
- Bhati, Rohit, Sharma, R.C. and Singh, A.K. 2015 Efficacy of newer chemicals against mustard aphid. Agric.Bio.Res.: 31 (1):60-67.

Participation of Dr. Umesh Chandra in Seminar/ Symposia/ Conference / Workshops etc. during the period 2009-10 to 2014-15.

- 1. Attended the "International Conference on Impact of Technological Tools on Food Security under Global Warming Scenario" held on May 11-12, 2013 at Sobhit University, Modipuram, Meerut.
- 2. Attended the First U.P.Agricultural Science Congress on "Emerging Challenges and Resource Management for Food security" held on 17-19, August, 2013 at NDUAT, Kumarganj, Faizabad.
- 3. Attended 2<sup>nd</sup> U.P.Agricultural Science Congress on "TechnoOlogical and Governance Strategies for Advancement of Agricultural Education, Research and Extension in Uttar Pradesh" held on 14-16 June, 2014 at IISR, Lucknow.
- 4. Attended the National Conference on "Emerging Problems and Recent Advances in Applied Sciences: Basic to Molecular Approaches" held on 8-9 Feb., 2014 at CCS University, Meerut.
- 5. Attended the Biennial Workshop of AICRP on Honey Bees and Pollinators held on Feb., 2011 at OUAT, Bhubneshwar, Odissa.
- 6. Attended the Biennial Workshop of AICRP on Honey Bees and Pollinators held on 17-18 June, 2013 at GBPUAT, Pantnagar, Udhamsingh Nagar. (U.K.)
- 7. Attended the National Seminar on Bee Keeping held on Year 2013 & 2014 at GBPUAT, Pantnagar, Udhamsingh Nagar. (U.K.), Shanti Kunj, Haridwar & Muzaffar Nagar.
- 8. Attended the Fourth International Conference on "Insect Science" held on 14-17 Feb., 2013 at Department of Entomology, GKVK, Bangalore.
- 9. Attended Eleventh National Symposium on "Dynamics of Crop Protection Challenges in Agri-Horticultural ecosystem facing climate change" held on 23-25 April, 2015 at MPUAT, Udaipur (Raj.)

- Research Publications of Dr. Umesh Chandra during the period 2009-10 to 2014-15
  - Kumar Rakesh, Ali Shamshad Singh and Umesh Chandra (2010)-Population dynamics of defoliators on sesame, *Sesamum indicum* L. Indian J. Entom. 72 (3): 378-380.
  - Maurya, K.N. and Umesh Chandra (2013)- Evaluation of Safer Insecticide against foraging of honey bees in toria, Brassica campestris L. Prog. Res. 8 (Spl.): 951-952.
  - Maurya, K.N. and Umesh Chandra (2013)- Role of Honey Bees in Pollination of Toria Seed yield, Brassica campestris L. Prog. Res. 8 (Spl.): 955-956.
  - Umesh Chandra; Gupta, P.K.; Thakur, R.K. and Doharey, R.K. (2013)- In Guava under Pollination study fruit setting increased by *Apis Mellifera* Prog. Res. 8 (Spl.): 957-958.
  - Ankush Kumar; Umesh Chandra, Kumar, M.M.; Singh Rahul, Vishvendra and Jakhar, M.S. (2015). Diversity and Abundance of Insect Pollinators and Visitors on Ber, *Ziziphus maritiana* Flowers. Prog.Res. and International J. Vol.10 (Special-VII): 3717-3719.
  - Satapathy, S.N. and Umesh Chandra (2016). Assessment of Pollinators Response in Bale (*Aegle marmelos* Correa). Accepted in International Journal of Agriculture Sciences (April, 2016).

### **Placement of Department of Entomology**

### M.Sc.(Ag.)

S.No.	Session	Name of Students	I.D.No.	<b>Employment/Placement</b>
1.	2008-09	Mr. Netra Pal	A-4538/08	T.A. U.P.Govt. (under
				process)
2.	"	Mr. Sunder Pal	A-4539/08	Asstt. Prof. C.C.S.
				P.G.College, Saifai
3.	2009-10	Mr. Shakti Singh	A-4989/09	Sales Officer, Crystal
4.	"	Mr. Manish Kumar	A-3275/05/09	Sales Officer, Pionear
		Pandey		
5.	"	Mr. Kedar Nath Maurya	A-4987/10	TA, Govt. of India
6.	2010-11	Mr. Shailendra Singh	A-5532/10	SMS,KVK,NDUAT
7.	66	Mr. Jagdamba Prasad	A-5525/10	TA, U.P.Govt (under
				process)
8.	"	Mr. Shailesh Kumar	A-5529/10	Sales Officer, Bayers
9.	2011-12	Mr. Asuthosh Kumar	A-6239/11	TA, U.P.Govt (under
		Chaurasia		process)
10.	66	Mr. Indrajeet Jaiswal	A-6242/11	TA, U.P.Govt (under
				process)
11.	66	Mr. Indrasen	A-6243/11	TA, U.P.Govt (under
		Vishwakarma		process)
12.	44	Miss. Sonika Saloni	A-6246/11	Agriculture Officer,
				Bank
13.	"	Mr. Sooraj Kumar Verma	A-6247/11	TA, U.P.Govt (under
				process)
14.	2012-13	Mr. Devendra Singh	A-6874/12	TA, U.P.Govt (under
				process)
15.	"	Mr. Shiv Shankar Singh	A-6878/12	TA, U.P.Govt (under
				process)
16.	44	Mr. Rahul Singh	A-6876/12	TA, U.P.Govt (under
				process)
17.	44	Mr. Vikas Singh	A-6880/12	SRF (Adhock Project)
				UP College, Varanasi
18.	44	Mr. Sushil Kumar Singh	A-6879/12	TA, U.P.Govt (under
				process)
19.	44	Mr. Ajay Kumar	A-6873/12	TA, U.P.Govt (under
				process)

Ph.D					
1.	2008-09	Dr. Rudra Pratap Singh	A-4589/08	Asstt. Prof. C.C.S. P.G.College, Saifa i	
2.	66	Dr. Arun Kumar Singh	A-4588/08	Marketing Inspector, FCI	
3.	2009-10	Dr. Amar Singh	A-4105/07/09	TA, U.P.Govt (under process)	
4.	2010-11	Dr. Amrendra Pratap Singh	A-4106/07/10	Asstt. Prof., Bhagwant University, Ajmer	

#### List of Degree Awarded session 2015-16 M.Sc.(Ag.) students of Entomology Department

#### M.Sc.(Ag.)

Sl.No.	Name of Students	Id.No.
1.	Mr. Sanjeev Sharma	A-7576/13
2.	"Amit Raj	A-8180/14
3.	"Anil Kumar Saroj	A-8181/14
4.	"Deepanshu Kushwaha	A-8182/14
5.	"Manjunath Patil	A-8183/14
6.	Miss. Mun mun Mohapatra	A-8184/14
7.	Mr. Raj Kumar Verma	A-8185/14
8.	"Rajat Deshwal	A-8186/14
9.	"Rajesh Kumar Yadav	A-8187/14
10.	"Ramveer	A-8188/14
11.	"Satyam Prajapati	A-8189/14
12.	"Shailendra Kumar	A-8190/14
13.	"Abhinandan Yadav	A-5185/10/14

### Note :- Mr. Sukhjeet Singh, Id.No.A-8191/14 and Mr. Susheel Kumar Verma, Id.No.A-8192/14 left the university due to get the job.

#### Latest position of II Semester, 2015-16 Ph.D students Entomology Department

Sl.No.	Name of Students	Id.No.	Remarks
1.	Mr. Vimal Kumar Singh	A-7028/12	Degree Awarded
2.	"Arun Kumar Singh	A-7027/12	Thesis Submitted
3.	"Jai Pratap Singh	A-7028/12	Thesis Submitted
4.	"Abhishek Kumar Chaudhary	A-7683/13	Thesis Submitted
5.	"Sidharth Shankar	A-7684/13	Thesis Submitted
6.	"C.P.N. Gautam	A-8373/14	Studying
7.	"Sandeep Kumar	A-8374/14	Studying
8.	"Somveer Singh	A-5530/10/14	Left the university
9.	"Roopesh Singh	A-4266/08/15	Studying

#### Studying position of M.Sc. (Ag.) II Yr. students Entomology Department

Sl.No.	Name of Students	Id.No.
1.	Mr. Gajendra Singh	A-8900/15
2.	"Kuldeep Kumar Verma	A-8901/15
3.	Miss. Rajeesha P.S.	A-8902/15
4.	Mr. Ravindra Nath Nishad	A-8903/15
5.	"Sachin Kumar Yadav	A-8904/15
6.	"Satish Kumar	A-8905/15
7.	"Satyendra Kumar Giri	A-8906/15
8.	Mr. Shashi Mani Tripathi	A-8907/15
9.	"Deepraj Verma	A-8899/15
10.	"Mahendra Pratap Gautam	A-5802/11/15
11.	"Ramesh Kumar Jaiswal	A-5837/11/15

# DEPARTMENT OF ENTOMOLOGY N.D. UNIVERSITY OF AGRICULTURE & TECHNOLOGY, KUMARGANJ, FAIZABAD.

No. NDUAT/51/8/2016/ Dated: 28.07.16

To,

Professor & Head, Department of Statistics, NDUAT,Kumarganj, Faizabad.

Sir,

In response to Dean's letter No. NDUAT-51/1/DCA/TA/2016-17/1198 dated 27.07.16 I am sending herewith the latest information (faculty and other staff position, achievements, publications, training programme, courses offered in semester-1<sup>st</sup> and semester-2<sup>nd</sup> in hard copy as well as soft copy for your kind perusal and necessary action.

Encl- As above.

Yours Faithfully,