

## Department of Agronomy

N.D. University of Agriculture & Technology Kuamrganj, Ayodhya

### Publication (5 & above NAAS Rating):

- Atik Ahamad, Neeraj Kumar and Devideen Yadav (2018). Integrated Nutrient Management in pigeonpea (*Cajanus cajan*) ased intercropping system *Indian Journal of Agronomy*, 63(1):39-44 (March 2018). (NAAS-5.40).
- Rajesh Kumar, Neeraj Kumar, Jang Bahadur Rana, Chandrpal and Navneet Kumar Nov. (2018). Impact of Integrated management on nutrient uptake by maize crop from soil under rainfed water condition in Eastern part of Uttar Pradesh, India. *International Journal of Current microbiology and applied science* (2018) 7(9):3778-3787. (NAAS-5.38).
- Kumar, A., Nand, V., Kumar, R., Doharey, R.K., Singh, M.P. and Verma, S.K. (2018). Effect of leaf colour chart based nitrogen management on growth and uptake of rice (*Oryza sativa* L.) cultivar in eastern utter Pradesh. *International Journal of Chemical Studies*, 6(2): 2492-2497. (NAAS-5.31).
- Nand, V., Kumar, R., Doharey, R.K., Singh, M.P. and Verma, S.K. (2018). Study about the interaction effects on varieties and plant geometry on growth and yield of hybrid and composite maize (*Zea mays* L.) on rabi season. *International Journal of Chemical Studies*, 6(2): 2539-2544. (NAAS-5.31).
- Kumar, R., Nand, V., Doharey, R. K., Verma, S.K. and Raju (2018). Effect of seed rate and weed management practices on groth parameters and dry matter accumulation of late sown wheat (*Triticumaestivum*L.) *International Journal of Chemical Studies*, 6(2):2498-2502. (NAAS.-5.31).
- Kumar, R., Yadav, S.,Nand, V., Verma, S.K., Yadav, N. and Kumari, A. (2018). Effect of different nitrogen levels and varieties on yield of barley (*Hordeumvulgare* L.). *Multilogic in Science*, vol. 8: 242-245. (NAAS.-5.20).
- Abhineet, Kumar, R., Singh, U., Nand, V., Singh. R., Singh, A. and Kumar, D. (2018). Effect of restricted irrigation levels on growth of various varieties wheat (*Triticumaestivum*L.). *Multilogic in Science*, vol. 8: 246-250. (NAAS.-5.20).
- Kumar, M.; Singh, R. P.; Pandey, V. K.; Singh, A.; Singh, V.; Tiwari, A. and Yadav, R. S. (2018). Effect of nitrogen levels and weed management practices on weed flora, yield and nutrient uptake by wheat grown in zero-till condition. *International Journal of Chemical Studies*. Vol. 6 (6):2084-2087. (NAAS-5.31).

- Kumar R, Singh R. S., Pandey Deepak and Kumar Monoj (2018). Weed Management effect on weeds, crop, nutrients uptake and soil physico-chemical properties in blackgram. Indian Journal of Weed Science 50(2) 180-181. (NAAS-5.17)
- Pandey V.K., Singh, B.N., Tiwari R.C., Singh Vipul, Manoj, Singh Ajay, Prashant and Singh Ajit. (2018). Performance of different tillage practices and moisture regimes on yield attributes, yield and economics of wheat. International J. of Current Microbiology and Applied Sci. ISSN: 2018 Vol. 6(6). pp. 2851-2854. (NAAS.-5.38)
- Singh, Vipul, Singh, R.S., Singh, Ghanshyam, Singh, B.N. and Singh Raghvendra. Effect of phosphorus levels on the growth characters and yield of wheat (*Triticum aestivum* L.) varieties growth under late sown condition. International J. C.S. 2018; 6(5): 2468-2471. (NAAS.-5.31)

## Department of Agril. Biochemistry

### N.D.University of Agriculture & Technology, Kumarganj, Faizabad

#### List of Research Papers 5.0 and above NAAS Rating Year 2018

1. Singh, B.K.; Singh, Pratibha; **Singh, R.P.**; Kewat, R.N.; and Singh Ramesh P. (2018). Evaluation of quality parameters at ripening stage in new tomato (*Lycopersicon esculentum* mill) germplasm. *Int. J. Curr. Microbiol. Appl. Sci. Special Issue 7*: 117-122. **(NAAS RATING 5.38)**
2. Ram.S. and Singh, R.P. (2018) Biochemical evaluation of mineral profile and ascorbic acid content in various ripened mango (*Mangifera indica* L.) fruits *Int. Jour.Curr.Microbiol. App. Sci* (2018) 7: 2801-2805.**(NAAS RATING 5.38)**
3. Singh, Harendra; Singh, R.P.; Singh, D.P.; Singh, Pratibha and Singh Rajan Pratap (2018). Response of organic farming on quality evaluation of rice (*Oryza sativa* L.) *Journal of Pharmacognosy and Phytochemistry* 7(2): 2169-2171. **(NAAS RATING 5.21)**
4. Verma, J.P.; Kewat, R.N.; Singh, Pratibha; Singh, R.P. Brijesh; Kumar, A. and Mishra, K.K. (2018). Biochemical composition of pearl millet germplasm collected from Eastern U.P. *Journal of Pharmacognosy and Phytochemistry* 7(2): 1888-1889. **(NAAS RATING 5.21)**
5. Shyam, R. and Singh, R.P. (2018). Evaluation of physiological characteristics, nutritional composition and anti-nutritional factors of kodo millet (*Paspalum scrobiculatum* L.) germplasm grown in eastern U.P., *Journal of Pharmacognosy and Phytochemistry*; 7(3): 1541-1545. **(NAAS RATING 5.21)**
6. Vishwakarma, S.K.; Singh, R.P.; Singh, Pratibha and Kewat, R.N. (2018). Periodical evaluation of enzymes and pigments in mango varieties during storage in card board carton by post harvest application of salicylic acid. *Journal of Pharmacognosy and Phytochemistry*; SP2: 238-242. **(NAAS RATING 5.21)**
7. Vishwakarma, S.K.; Singh, R.P.; Singh, Pratibha and Kewat, R.N. (2018). Impact of salicylic acid and card board carton on quality attributed of mango varieties. *International Journal of Chemical Studies* 6(4): 144-148. **(NAAS RATING 5.31)**
8. Kumar, A.; Singh, Pratibha and Singh, Mahesh (2018). Assessment of physicochemical properties of minor fruits (aonla, bael, ber jackfruit and kaitha). *Journal of Pharmacognosy and Phytochemistry*; SP2: 05-09. **(NAAS RATING 5.21)**
9. Kumar, A. and Singh, Pratibha (2018). Biochemical antioxidative characters of underutilized fruits (Aonla, Bael, Ber, Jackfruit and Kaitha). *International Journal of Chemical Studies* 6(3):420-423. **(NAAS RATING 5.31)**
10. Gupta, S.; Singh, Pratibha; Manjri and Singh, Akansha (2018). Evaluation of yield parameters and biochemical characterization of drought tolerant and susceptible chickpea genotypes. *International Journal of Chemical Studies* 6(2):2301-2305. **(NAAS RATING 5.31)**

11. Yadav, R.K.; Saini, P.K.; Singh, Aditya; Singh, A.K.; Kewat, R.N. And Prasad, Shambhoo (2018). Effect of salicylic acid and cycocel on growth and yield attributes of mustard (*Brassica juncea* L. Czern & Coss). An International Ref. Peer. Rev. & Indexed Quarterly J. In Sci. & Eng. 216-219. **(NAAS RATING 5.20)**
12. Yadav, R.K.; Kumar, Majoj; Saini, P.K.; Singh, A.K.; Kewat, R.N. (2018). Effect of sulphur sources on biochemical changes of indian mustard. An International Ref. Peer. Rev. & Indexed Quarterly J. In Sci. & Eng. 347-349. **(NAAS RATING 5.20)**

# Department of Entomology

S. No.	Research papers 2018-19	Naas Rating
1.	Satya Narayan Satapathy and <b>Umesh Chandra</b> . 2018. Effect of bee pollination, <i>Apis mellifera</i> L. on yield and quality parameters of Bael ( <i>Aegle marmelos</i> Correa). <i>Journal of Entomology and Zoology Studies</i> , 6(2): 387-389.	5.53
2.	Ajay Kumar Chauhan, <b>Umesh Chandra</b> and P. K. Gupta. 2018. Study of pollinator's diversity on mango ( <i>Mangifera indica</i> L.) var. amrapali. <i>Journal of Entomology and Zoology Studies</i> , 6(3): 974-975.	5.53
3.	Ajay Kumar Chauhan, <b>Umesh Chandra</b> and PK Gupta. 2018. Evaluate the pollination efficiency of different insect pollinators in mango ( <i>Mangifera indica</i> L.) var. amrapali. <i>Journal of Entomology and Zoology Studies</i> , 6(3): 976-977.	5.53
4.	M. P. Gautam, <b>Umesh Chandra</b> , S. N. Singh, S. K. Yadav and S. K. Giri. 2018. Studies on Efficacy of Botanicals against <i>Helicoverpa armigera</i> (Hubner) on Chickpea ( <i>Cicer arietinum</i> L.). <i>Int. J. Curr. Microbiol. App. Sci.</i> 7: 612-618.	5.38
5.	Anil Kumar, MK Tripathi, <b>Umesh Chandra</b> and Ram Veer. 2018. Seasonal incidence of <i>Helicoverpa armigera</i> on chickpea crop in Eastern region of Uttar Pradesh. <i>Journal of Entomology and Zoology Studies</i> , 7(1): 03-05.	5.53
6.	Anil Kumar, M. K. Tripathi, <b>Umesh Chandra</b> and Ram veer. 2018. Economics of botanicals and biopesticides especially in reference to management of <i>Helicoverpa armigera</i> in chickpea crop. <i>Journal of Entomology and Zoology Studies</i> , 2019; 7(1): 42-44	5.53
7.	Avinash Udikeri and <b>Umesh Chandra</b> . 2018. Pollination efficiency of different insects on Phalsa <i>Grewia subinaequalis</i> D.C. <i>Journal of Entomology and Zoology Studies</i> , 7(1): 1061-1065.	5.53
8.	Singh Devendra, Gupta P. K., <b>Umesh Chandra</b> , Vikrant and Kumar Akshay. 2018. Efficacy of insecticides on yellow stem borer, <i>Scirpophaga incertulas</i> in rice crop. <i>Journal of Entomology and Zoology Studies</i> ,6(2): 1271-1273.	5.53
9.	Singh Devendra, Gupta P.K., <b>Umesh Chandra</b> , Vikrant and Kumar Akshay. 2018. Population dynamics of insect-pests of paddy and its correlation with weather parameters. <i>Journal of Entomology and Zoology Studies</i> , 6(1): 1405-1407.	5.53
10.	M. P. Gautam, <b>Umesh Chandra</b> , S.N. Singh, Ramveer, Ramesh Jaiswal and SK Yadav. 2018. Correlation between <i>Helicoverpa armigera</i> (Hubner) population and Weather factors in chickpea ( <i>Cecer aratinum</i> L.). <i>Journal of Pharmacognosy and Phytochemistry</i> , 7(2): 2307-2308.	5.21
11.	Phool Chand, S. K. Mandal, <b>Umesh Chandra</b> and Anil Kumar. 2019. Bio-efficacy of cyazypyr 10% OD, a new anthranilic diamide insecticide, against fruit and shoot borer on Brinjal. <i>Journal of Entomology and Zoology Studies</i> , 7(1): 815-818.	5.53
12.	Mohammad Rizwan, <b>Umesh Chandra</b> , Rajat Deshwal, Mohammad Imran, Gajendra Singh and Ankush Kumar. 2018. Population Dynamics and Management against Budfly <i>Dasyneura lini</i> Barnes in Linseed ( <i>Linum usitatissimum</i> Linn.). <i>Int. J. Curr. Microbiol. App. Sci.</i> , 7: 3377-3381.	5.38
13.	M. P. Gautam, <b>Umesh Chandra</b> , S. K. Yadav, Ramesh Jaiswal, SK Giri and Shesh Narain Singh. 2018. Studies on population dynamics of garm pod borer <i>Helicoverpa armigera</i> (Hubner) on chickpea ( <i>Cicer arietinum</i> L.). <i>Journal of Entomology and Zoology Studies</i> , 6(1): 904-906.	5.53

14. Ramesh Jaiswal, **Umesh Chandra**, M. P. Gautam, SK Yadav, SK Giri and Ramveer. 2018. Study on availability of bee flora and foraging activities of honey bee in Eastern Uttar Pradesh. *Journal of Entomology and Zoology Studies*, 6(4): 1633-1636 5.53
15. S.K. Giri, **Umesh Chandra**, Gajendra Singh, M. P. Gautam and Ramesh Jaiswal. 2018. Study the abundance of insect pollinators/visitors in rapeseed-mustard (*Brassica juncea* L.). *Journal of Entomology and Zoology Studies*, 6(2): 2563-2567. 5.53
16. Anil Kumar, M.K. Tripathi, **Umesh Chandra** and Ram veer. 2018. Studies on correlation co-efficient of larval population of *Helicoverpa armigera* in reference to weather parameters. *Journal of Entomology and Zoology Studies*, 7(1): 06-08. 5.53
17. **Umesh Chandra** and Abhishek Kumar Chaudhary.2018. Seasonal incidence fluctuation of okra shoot and fruit borer and their natural enemies on bhindi (*Abelmoschus esculentus* L.) in relation to abiotic factors. *Multilogic in science*,8:121-126. 5.20
18. R. K.Verma, R. V. Singh, **Umesh Chandra**, Ramveer, Gajendra Singh, C.P.N. 2018. Gautam abundance and quantification of the pollinators in pigeon pea. *Multilogic in science*,8: 223-226. 5.20
19. R.K. Verma, R.V. Singh, **Umesh Chandra**, Ramveer, M.P.Gautam. 2018. Effect of insect pollinators on seed yield attributing parameters of pigeon pea crop. *Multilogic in science*, 8: 184-185. 5.20
20. Shivshankar Singh, Roopesh Singh, **Umesh Chandra**, Sanjay Singh, Sarvesh singh and Abhishek Kumar Chaudhary. Efficacy of insecticides for control of early shoot borer and top borer in sugarcane. *Multilogic in science*, 8: 231-233. 5.20
21. Shivshankar Singh, **Umesh Chandra**, Roopesh Singh, Sanjay Singh, Sarvesh singh and Abhishek Kumar Chaudhary.2018. Population dynamics of insect – pests in sugarcane crop, *Multilogic in science*, 8: 229-230. 5.20
22. Anil Kumar, M. K. Tripathi, **Umesh Chandra** and Ram Veer. 2018 Efficacy of botanicals and bio-pesticide against *Helicoverpa armigera* in chickpea. *Journal of Entomology and Zoology Studies*, 7(1): 54-57. 5.53
23. A.K.Singh, Maneesh Kumar Pandey, Pankaj Kumar and Vikram.2017. Bio-efficacy of certain insecticides against rice stem borer, *Scirophaga incertulus*(Walker). *Journal of Experimental Zoology,India.*,20(1):1431-1433. 5.51
24. Rohit Chauhan,A.K. Singh,Kamal Ravi Sharma and Amjad Ali.2018. Screening of mungbean(*Vigna radiata* L.) germplasm against major sucking pest. *Journal of Pharmacognosy and Phytochemistry*, 7(5): 1784-1787. 5.21
25. Gajendra Singh, A.K.Singh, S.K.Yadav, S.K.Giri and Kuldeep Verma.2018. Studies on correlation between populations of major insect –pests with abiotic factors. *Journal of Entomology and Zoology Studies*, 6(4): 1679-1681 5.53

## Seed Technology Section

Acharya Narendra Deva University of Agriculture and Technology,  
Kumarganj, Ayodhya (UP)

### Publication of Research Papers (2018)

- Gupta, J.P.; **Vimal, S.C.**; Kumar, A.; Kushwaha, G.D. and Srivastava, J.P. (2018). Optimized doses of Zn, Fe and Mn in different combinations and its effect on yield contributing characters, seed recovery and quality in rice (*Oryza sativa* L.) varieties. *Pharma Innovation J.*, 7(1):1017-1025. NAAS Rating:5.03
- Gupta, J.P.; **Vimal, S.C.**; Kumar, A.; Kushwaha, G.D. and Kumar, P. (2018). Optimization of seed technological parameters and micronutrients supplementation on yield contributing characters, seed recovery and quality in rice (*Oryza sativa* L.). *J. Pharmacognosy and Phytochemistry*, 7(1):1017-1025. NAAS Rating:5.21
- Sarvjeet; **Vimal, S.C.** and Kumar, A. (2018). Standardization of biofortification for enhance seed yield and its quality parameters in chickpea (*Cicer arietinum* L.). *J. Pharmacognosy and Phytochemistry*, 7(2):1883-1887. NAAS Rating:5.21
- Singh, Anand; **Vimal, S.C.** and Singh, A.P.; Singh, P.K.; Sahi, A.K.; Tripathi, R.M.; Singh, H.; Pratap, D. (2018). Character association and path analysis of yield contributing traits and quality parameters in rice (*Oryza sativa* L.). *Multilogic Science*, Vol.VII, 8-12. NAAS Rating:5.20.
- Vimal, S.C.**; Kumar, A. and Singh, H. (2018). Correlation and path analysis of seed yield, its contributing traits and seed quality parameters in Indian mustard (*Brassica juncea* (L.) Czern & Coss.). *Multilogic Science*, Vol.VII, 312-315. NAAS Rating:5.20.
- Yadav, R.D.S.** (2018). Influence of seed encrustation on germination, establishment and seed yield in rapeseed mustard. *Int. J. Curr. Microbiol. App. Sci.*, Special Issue (7). 3539-3541. NAAS Rating: 5.38.
- Singh, Priiyanka, Chourasiya, V.K. and **Yadav, R.D.S.** (2018). Effect of chemical treatment on protein profiling against pre-harvesting sprouting in mungbean. *J. Curr. Microbiol. App. Sci.*, Special Issue (7), 539-550. NAAS Rating:5.38)
- Singh, R. B.**; Verma, S. K.; Nishad, R. N. and Yadav, R. D. S. (2018). Screening of Different Wheat Genotype against *Rhizopertha dominica* Feb. *Int. J. Curr. Microbiol. App. Sci.* ISSN: 2319-7706 Special Issue (7), 3542-354. NAAS Rating:5.38.

**Singh, R. B.;** Singh, Gurdeep and Nishad, R.N (2018). Field evaluation of newer insecticides against white fly ( *Bemisia tabaci*) in *Kharif* mungbean (*Vigna radiata* L. ) *Journal of Pharmacognosy and Phytochemistry*; 7(5): 811-812. NAASRating:5.21.



**Department of Agricultural Statistics**  
**N.D.U.A. & T. Kumarganj, Faizabad-224229 (U.P.)**

**List of publications**  
**2018**

<b>S.N.</b>	<b>Title of Publication</b>	<b>Author</b>	<b>Name of Journal</b>	<b>Year</b>	<b>NAAs Rating/ Impact Factor</b>
1	Robust estimation in finite population under error-in-variables super population model	Shweta Chauhan and B.V.S. Sisodia	Int. J. Agri. and Statistical Science, Vol.14, No.1 (To appear in June 2018. Issue)	2018	5.13
2	Calibration approach based chain ratio type estimator of population mean in sample surveys	Saurabh Guha, U.C. Sud and B.V.S. Sisodia	J. of Ind. Soc. of Agril Statistics (Accepted)	2018	5.46
3	Dynamic of socio-economic development of Districts of western Uttar Pradesh, India	Sarvesh kumar, K.K. Mourya, R. P. Gupta, and S. N. Singh	International Journal of Current Microbiology & Applied Sciences	2018	5.38
4	Estimation of finite population total under super population model when study variate is subject to measurement error	Amar Singh, B. V. S. Sisodia and K.K. Mourya	J. of Ind. Soc. of Agril Statistics (Accepted)	2018	5.46
5	Double sampling regression estimator of population mean subsequent to preliminary test of significance in finite population survey sampling	Dhynaesh Shukla and B V S Sisodia	J. of Statistical Theory and Practice USA	2018	5.90
6	Growth rate of wheat crop in Azamgarh	Neeraj Singh, Piyush Kumar	International Journal of Current Microbiology & Applied Sciences	2018	5.38

	Division of Eastern Uttar Pradesh, India	Singh and Sunil Kumar			
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**Publication of Dr. S.S. Chauhan, Assistant Professor, Deptt. of Livestock Production and Management (LPM), C.V.Sc & A.H., N.D.U.A.T., Kumarganj, Ayodhya**

**(Publication NAAS Rating above five 2018)**

**Chauhan, S. S.**, Sharma, R. K., Singh, D.V., Shukla, S. K. and Palod, J. 2018. EFFECT OF ORGANIC MINERAL MIXTURES, PROBIOTICS, ENZYMES, EMULSIFIER AND LIVER SUPPLEMENTS ON SERUM BIOCHEMICAL AND SENSORY CHARACTERISTICS PARAMETERS OF BROILERS. *MULTILOGIC IN SCIENCE*. VOL. VIII, SPECIAL ISSUE, RKVY NOV-2018 SEMINAR NDUAT AYODHYA.

**NAAS RATING – 5.20**

**Chauhan, S. S.**, Sharma, R. K., Singh, D.V., Shukla, S. K. and Palod, J. 2018. Effect of organic mineral mixtures, probiotics, enzymes, emulsifier and liver supplements on serum protein and serum biochemical profile of broilers. *The Pharma Innovation Journal* 7(12): 155-158.

**NAAS RATING – 5.03**

### **Department of Veterinary Pathology**

**Publications from 2013 to 2018 with NAAS Rating more than 5.00:**

1. Choudhary, P.K., Ishwar, A.K., Kumar, R., **Niyogi, D.** and Kumar, M. (2018). Effect of exogenous melatonin and different photoperiods on oxidative status and antioxidant enzyme in Chotonagpuri ewe. *Vet. World.* , 11 (2): 130134 (**NAAS rating: 5.71**)
2. Paswan, S., **Niyogi, D.**, Choudhary, P.K. and Raghubanshi, D.(2018).Ameliorating effect of ascorbic acid on clinicopathological changes of induced subacute arsenic toxicity in broiler birds. *Int. J. Curr. Microbiol.App.Sci.* Special Issue 7: 5084-5094 (**NAAS rating: 5.38**)
3. Yadav, R., **Niyogi, D.**, **Tripathi, K.K.**, Singh, S.V. and Kumar, M. (2018). The incidence, morbidity and mortality of the diseases of broiler birds in and around NDUAT, Kumarganj, Faizabad. *Int. J. Curr. Microbiol.App.Sci.* Special Issue 7: 5095-5105 (**NAAS rating: 5.38**)
4. Singh, G.K., **Niyogi, D.**, **Tripathi, K.K.**, Joshi, R.K., Singh, S.V and Choudhary, P.K. (2018). Incidence of spontaneous *E. coli* infection in broiler chickens in Faizabad and Sultanpur districts

of Uttar Pradesh. *Int. J. Curr. Microbiol.App.Sci.* Special Issue 7: 5175-5181 (NAAS rating: 5.38)

5. Singh, S.V, Singh, N.K., Ramakant, **Niyogi, D.** and Pandey, A. (2018). Synbiotic as an effective tool to treat indigestion in buffaloes: A Field Study. *Int. J. Curr. Microbiol.App.Sci.* Special Issue 7: 255-258 (NAAS rating: 5.38)
6. Varun,V.K. Singh, S.V., Singh, J.P., Ramakant, Singh, N.K. and **Niyogi, D.** (2018).Therapeutic efficacy of multivitamin injection to treat leucoderma in buffaloes. *Int. J. Curr. Microbiol.App.Sci.* Special Issue 7: 249-254 (NAAS rating: 5.38)
7. Choudhary, P.K.,Ishwar, A.K., Bablee Jyoti, Kumar, R., **Niyogi, D.**, Kumar, M., Kumar, p. and Mourya, P.K.(2018).Effect of exogenous melatonin and different photoperiods on serum glucose and total serum protein levels in Chotonagpuri ewe. *Int. J. Curr. Microbiol.App.Sci.* Special Issue 7: 281-285 (NAAS rating: 5.38)
8. Singh, A. K., Preethi, B.Om; Singh, H.N., Gangwar, A. K., **Niyogi, D.** and Devi, K.S. (2017).Comparative evaluation of the wound healing potential of *Tinospora cordifolia* and its combination with local insulin therapy in diabetic rabbits. *Journal of Pharmacognosy and Phytochemistry*, **6(4)**: 1812-1817
9. Choudhary, P.K., Ishwar, A.K., Kumar, R., **Niyogi, D.** and Kumar, M. (2018). Effect of exogenous melatonin and different photoperiods on oxidative status and antioxidantenzyme in Chotonagpuri ewe. *Veterinary World* , **11 (2)**: 130-134
10. Yadav, B.L., **Niyogi, D.**, **Tripathi, K.K.**, Singh, G.K., Yadav, A. and Kumar, M. (2018). Pathomorphological effects of induced subacute chlorpyrifos toxicity in broiler birds and its amelioration with selenium and vitamin E. *Journal of Pharmacognosy and Phytochemistry*, **7(2)**: 1877-1882
11. Yadav, D. K.; Singh, S.V.; Ramakant;. Singh, N.K.; Singh, J.P.; **Niyogi, D.** and Verma, H.C. (2018). Socio-economic status of goat farmers of Vindhyan zone of eastern Uttar Pradesh, India. *Multilogic in Science*, **8** (Spl. E): 219-223
12. Singh, G.K.; **Niyogi, D.**; **Tripathi, K.K.**; **Joshi, N.**; Vaish, A. and Mishra, A. (2018). Pathomorphological changes in broiler chickens due to spontaneous *E. coli* infection. *Journal of Pharmacognosy and Phytochemistry*, **7(5)**: 798-801
13. Vaish, A.; **Niyogi, D.**; **Tripathi, K.K.**; **Joshi, R. K.**; Singh, S.V. and Singh, G.K. (2018). Pathological studies on lymph nodes of buffaloes. *Multilogic in Science*, **8** (Spl. E): 227-234

14. Yadav, S. M.; **Niyogi, D.**; **Tripathi, K.K.**; **Joshi, R. K.**; Yadav, V.; Singh, S.V. and Diwakar, R.P. (2018). Epidemiological and microbiological study of bacterial enteritis in chicken in eastern plain zone of Uttar Pradesh. *Multilogic in Science*, **8** (Spl. Issue RKVY): 95-98
15. Paswan, S.; **Niyogi, D.**; Singh, D.D.; **Tripathi, K.K.**; **Joshi, N.** and Yadav, S. M. (2018). Ameliorative effect of ascorbic acid on pathomorphological changes of induced sub-acute arsenic toxicity in broiler birds. *Multilogic in Science*, **8** (Spl. Issue RKVY): 65-70
16. Kumar, Y.; Singh, D.D.; **Niyogi, D.**; Singh, S.V.; Singh, A.; Yadav, S.K. and Singh, V.K. (2018). Effect of sub-acute lead toxicity on feed consumption, body weight gain and blood parameters in broiler birds and its mitigation with vitamin-E and selenium. *Multilogic in Science*, **8** (Spl. Issue RKVY): 18-22
17. Choudhary, P.K.; Ishwar, A.K.; Maurya, P.K.; Kumar, P.; **Niyogi, D.** and Kumar, M. (2018). Effect of exogenous melatonin and different photoperiods on total leucocyte count in Chhotanagpuri ewe. *Multilogic in Science*, **8** (Spl. Issue RKVY): 136-138