

	<b>Dr. Gulshan Narang</b>																			
	Dean, COVS, LUVAS Registrar, LUVAS, Additional Charge																			
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<b>Educational Qualifications</b>	2004 Ph.D. Vety. Microbiology, CCS HAU, Hisar 1991 M.V.Sc., Vety. Microbiology, CCS HAU, Hisar 1989 B.V.Sc. & A.H., COVS, CCS HAU, Hisar																			
<b>Employment Details</b>	<table border="0"> <tr> <td>Dean, COVS, LUVAS</td> <td>30.03.2022 onwards</td> </tr> <tr> <td>Prof. &amp; Head, VPP, LUVAS</td> <td>27.05.2017-30.03.2022</td> </tr> <tr> <td>Sr. Disease Investigation Officer</td> <td>May, 2010 to 26.05.2017</td> </tr> <tr> <td>Disease Investigation Officer</td> <td>May 2004 to May 2010</td> </tr> <tr> <td>Asst Disease Investigation Officer</td> <td>March 1996 to May 2004</td> </tr> <tr> <td>Training Associate -cum Junior</td> <td>Sept 1994 to July 1994</td> </tr> <tr> <td>Scientist, KVK, Kaithal, CCS HAU, Hisar</td> <td></td> </tr> <tr> <td>Scientist, INDO-VAX, Hisar</td> <td>July 1994 to Sept 1994</td> </tr> <tr> <td>Scientist, FERRO-USDA Research project at National Avian/ Animal Health Labs, Gurgaon</td> <td>Sept 1991 to June 1994</td> </tr> </table>		Dean, COVS, LUVAS	30.03.2022 onwards	Prof. & Head, VPP, LUVAS	27.05.2017-30.03.2022	Sr. Disease Investigation Officer	May, 2010 to 26.05.2017	Disease Investigation Officer	May 2004 to May 2010	Asst Disease Investigation Officer	March 1996 to May 2004	Training Associate -cum Junior	Sept 1994 to July 1994	Scientist, KVK, Kaithal, CCS HAU, Hisar		Scientist, INDO-VAX, Hisar	July 1994 to Sept 1994	Scientist, FERRO-USDA Research project at National Avian/ Animal Health Labs, Gurgaon	Sept 1991 to June 1994
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<b>Research Interests</b>	Disease investigation in livestock and poultry; Molecular diagnostics																			
<b>Membership of scientific societies</b>	<ul style="list-style-type: none"> <li>• Life Member -- Indian Association of Veterinary Pathology.</li> <li>• Life Member – Society for Immunology and Immunopathology.</li> <li>• Life Member -- Indian Association of Microbiologist</li> <li>• Life Member -- Indian Veterinary Association</li> <li>• Member of College Patent cell, COVSc, Hisar till formation of IPR cell, LUVAS.</li> <li>• Member Business Planning and Development advisory committee, in CCS HAU, Hisar upto 2010.</li> <li>• Member, Haryana Veterinary Council and VCI, New Delhi.</li> <li>• Member, Indian Science Congress during 2001.</li> <li>•</li> </ul>																			

## Selected Publications

- RiyeshThachamvally , Barua Sanjay , Kumar Naveen , Jindal Naresh, Bera Bidhan Chandra, **Narang** Gulshan , Mahajan Nand Kishore, Arora Devan, Anand Taruna, Vaid Rajesh Kumar, Yadav Mansi, Chandel Surender Singh, Malik Praveen, Tripathi Bhupendra Nath, Singh Raj Kumar (2016). Isolation and genetic characterization of swinepox virus from pigs in India. *Comparative Immunology, Microbiology and Infectious diseases*. 46 : 60-65.
- Mor K Sunil., **Narang G.**, Jindal N., Mahajan N.K., Sharma P.C. and Rakha N.K (2010). Epidemiological Studies on Infectious Bursal Disease in Broiler Chickens in Haryana, India. *International Journal of Poultry Science*, 9 (4): 395-400.
- Kamaldeep, Sharma, P. C, Jindal, N. and **Narang, G.** (2007). Occurrence of Marek's disease in vaccinated poultry flocks of Haryana. (India). *International J. Poult. Sci.* **6**: 372-377.
- Jindal.N., Kumar.S.,**Narang,G.** Chaturvedi,G.C., Tomar,P and Garg,D.N.2002. Some epidemiological observations on haemorrhagic septicimia in buffaloes and cattle in Haryana state of India. *Buffalo J.* 2: 273-280

## PUBLICATIONS

- Patents filed: **01**
- Research papers: **59**
- Book/Manual/Compendium: **06**
- Chapters in books/ manual/ compendium: **19**
- Papers presented/abstracted in National and International Conference/Symposium, Training/Summer Institute/Workshop: **23**
- Papers presented/abstracted in International Congress: **5**
- Scientific Popular Articles: **16**
- Annual Meeting of ICAR and Exhibition of Technologies Attended: **2**

## TECHNOLOGIES DEVELOPED

- Received PATENT for “A PROCESS OF TESTING UREA IN MILK” from Indian Patent Office, application no. 522/DEL/2004/dt. 5-5-04 with patent no. 250500 dated 6-1-12.
- Recently developed a process for detection of Malathion pesticide in feed samples and will be applying for its patent.

## EXTRA –CURRICULAR ACTIVITIES:

- Awarded best Badminton player of College of Veterinary Sciences during 1985-86 and 86-87.
- Participated and represented HAU Badminton Team in two North Zone Inter-University Badminton championships held at Shimla and Jammu during 1986-87 and 87-88 respectively.
- Represented Veterinary College Badminton team in Inter-Veterinary Badminton Championship and was runner up in the event held during 1987-88.
- Member of NSS and did social service in the form of teaching poor children and Cleaning programmes held by the University from time to time during under-Graduation degree.

## OTHER POSITIONS HELD

- Vice President, Veterinary College Teachers Association 2013-14.
- DDO of the department of VPHE, LUVAS from 2011 to 2017.
- Acted as store in-charge in the department of VEPM for approx. three years

## DETAILED LIST OF PUBLICATIONS

### Research Articles

- Bahl Shreya , Jangir Jabu Lal and **Narang** Gulshan (2020). Histopathological and immunohistochemical evaluation of leiomyosarcoma in dog. Haryana Vet. 59(SI), 109-111.
- Singh.S. Chandratre G.A., Dhaka A.P. and **Narang** G. (2020). Pathomorphological alterations in gastrointestinal tract of sheep affected with hemonchus contortus. Haryana Vet. 59(SI), 107-108.
- Mishra A.C, **Narang** G., Jadhav V.J. (2019). Prevalence of Pesticide Residues in Pond Water Samples at some Districts of Haryana. Intl. J. Food. Ferment. Technol. 9(1): 27-39, June 2019.
- Mishra A.C., **Narang**, G., Jadhav V.J., Khurana, R and Duhan A. (2019). Occurrence of pesticide residues in random broiler chicken meat samples. Haryana Vet. 58(1), 23-29.

- Kumari, P., Nenra, V., Lather, D., Kund, P. and **Narang**, G. (2019). Effect of Spirulina on growth and bursal index of infectious bursal disease vaccinated chickens. Haryana Vet. 58 (1), 70-72.
- Kundu P., **Narang**, G., Kajal S., Kumari, P and Jangir B. L. (2018). Effect of live infectious bursal disease vaccines on bursa of Fabricius. The Pharma Innovation Journal 2018; 7(11): 91-94.
- Mishra, A.C., **Narang**, G., Jadhav, V.J., Khurana, R. and Duhan, A. (2018). Occurrence of organophosphate pesticide residues in poultry feed, water and meat at some broiler farms of Hisar (Haryana). Haryana Vet. 57 (2), 207-214
- Agrawal, A., **Narang**, G., Sharma, R., Mahajan, N.K and Jindal, N (2018). Association of  $\alpha$  and  $\beta$  toxins of clostridium perfringens with enteritis in broiler chickens and in vitro cytopathic effect of crude toxins of clostridium perfringens isolates on Vero cells. Haryana Vet. 57 (2), 135-139.
- Kundu, P., **Narang**, G., Mahajan, N.K., Yadav, P. and Jindal, N. (2018). Retrospective study on epidemiology of infectious bursal disease in broiler chickens in Haryana, India. Int. J. Curr. Microbiol. App. Sci. 7(6): 1279-1290.
- Tomar, P., Singh, Y., Kundu, P., **Narang**, G. and Neelam Rani. (2017). Seroprevalence of mycoplasma gallisepticum and mycoplasma synoviae antibodies by rapid plate agglutination test in broiler chicken flocks of Haryana. Int. J. Adv. Biol. Res. 7 (4): 756-759.
- Khilare, R.S., Khurana, R., **Narang**, G. and Jadhav, V. J. (2017). Occurrence of organophosphorus pesticide residues in poultry feed and meat. Haryana Vet. 56 (1): 17-20.
- Kundu, P., **Narang**, G., Chhabra, R., Kajal, S., Mahajan, N.K and Kakkar, N. (2017). Immune response study to live infectious bursal disease vaccines in broiler chickens. Int. J. Curr. Microbiol. App. Sci. 6(12): 2655-2668.
- Kundu, P., **Narang**, G., Kakkar, N., Kajal, S., Chhabra, R. and Mahajan, N.K. 2017. Estimation of age of infectious bursal disease vaccination in broiler chickens in Haryana, India. Int. J. Curr. Microbiol. App. Sci. 6 (12): 3391-3406.
- A.C Mishra, G. **Narang**, V.J. Jadhav and A. Duhan. (2016). Prevalence of organochlorine and pyrethroid pesticide residues in poultry feed water and meat at some broiler chicken farms of Hisar, Haryana.
- R.S. Khilare, Rajesh Khurana\*, G. **Narang** and V.J. Jadhav (2016). Occurrence of some organochlorine pesticide Residues in poultry feed and meat. Haryana Vet. 55 (2), 120-124.
- G. **Narang**\*, Mahajan, N.K., Jadhav, V.J., Mittal, D. and Mishra, A.C. (2016). Monocrotophos toxicity in peafowl in Haryana. Haryana Vet. (June, 2016) 55 (1), 73-75.
- Riyesh Thachamvally, Barua Sanjay, Kumar Naveen, Jindal Naresh, Bera Bidhan Chandra, **Narang** Gulshan, Mahajan Nand Kishore, Arora Devan, Anand Taruna, Vaid Rajesh Kumar, Yadav Mansi, Chandel Surender Singh, Malik Praveen, Tripathi Bhupendra Nath, Singh Raj Kumar (2016). Isolation and genetic characterization of swinepox virus from pigs in India. Comparative Immunology, Microbiology and Infectious diseases. 46 : 60-65.
- Mishra, A.C, **Narang**, G, Jadhav, V.J and Duhan, Anil (2015). Prevalence of organochlorine and pyrethroid pesticide residues in poultry feed, water and meat at some broiler farms of Hisar, Haryana. Haryana Vet. 54 (2): 121-125.
- N. Jindal, S. Barua, T. Riyesh, Anshul Lather and G. **Narang** 2015. "Molecular characterisation of swine pox virus in two piggery units in Haryana state". Haryana Vet. (June, 2015) 54 (1), 72-74.

- Arora Devan, Kumar Suresh, Jindal Naresh, **Narang** Gulshan, Kapoor P. K and Mahajan N. K (2015)/5. Prevalence and epidemiology of Salmonella enterica serovar Gallinarum from poultry in some parts of Haryana, India Veterinary World, EISSN: 2231-0916 Available at [www.veterinaryworld.org/Vol.8/November-2015/5.pdf](http://www.veterinaryworld.org/Vol.8/November-2015/5.pdf)
- D.Agnihotri, **G.Narang**, A.Agarwal, R.Khurana and Gyan Singh Rodenticide poisoning in a dog (2014). Indian Veterinary Journal 91 (9): 89-90.
- S. Gulzar, R. Khurana, D.Agnihotri, A. Aggarwal and G. **Narang** (2014). Prevalence of hypothyroidism in dogs in Haryana. Indian Journal of Veterinary Research 23 (1): 1-9.
- Datta S., N.K. Rakha, G. **Narang**, D. Arora and N.K. Mahajan (2014). Prevalence of  $\alpha$ ,  $\beta$  and net-b toxin producing strains of Clostridium perfringens in broiler chickens in Haryana. Haryana Veterinarian 53 (1): 39-42.
- MorSunil K., **Narang** Gulshan, Jindal Naresh, Mittal D., Lather Anshul and Rakha Naresh K. (2013). "Molecular characterization of infectious bursal disease viruses from the recent outbreaks in poultry in Haryana, India". Haryana Veterinarian 52: 12-16.
- Datta S., N. K Rakha, G. **Narang** and N. K. Mahajan (2013). "Epidemiology of enteritis in broiler chickens in the state of haryana and its association with different meteorological parameters. Haryana Veterinarian 52: 22-25.
- Kamaldeep, P. C. Sharma, N. Jindal, G. **Narang** and V. Bhanot (2013). "Comparison of polymerase chain reaction and precipitation test in detection of Marek's disease in vaccinated poultry flocks of Haryana". Haryana Veterinarian 52: 48-50.
- **Narang**, G., Devender Singh, Arora, D., Jindal, N and Mahajan, N.K. (2012). An outbreak of Nitrate poisoning in buffaloes in Haryana. Veterinary practitioner. 13 (2): 330.
- Gupta, R., Jindal, N., **Narang**, G., Gupta, R.P and Kapoor, P.K. (2012). Outbreaks of coccidiosis in rabbits in Haryana. Haryana Veterinarian. 51: 111-113.
- Agrawal A., **Narang**, G., Jindal N. and Mor.S.K. (2012). Toxin genotyping of Clostridium perfringens isolated from enteritis-affected broiler chicken. Haryana Veterinarian 51: 11-14.
- **Narang**, G. and Pruthi, A.K. (2011). Immunoperoxidase test using convalescent sera to demonstrate Fowl Adenovirus type-4 antigen for diagnosis of HPS in broilers. Haryana Veterinarian. 50: 24-26
- **Narang**, G. and Pruthi, A.K. (2011). Effect of IBD vaccine and levamisole on some biochemical parameters in HPS infected chicks. Haryana Veterinarian 50: 19-23
- **Narang**, G., Pruthi, A.K., Thakral, N., and Khurana, R (2010). Effects of infectious bursal disease vaccine and levamisole on pathology of hydropericardium syndrome in broiler chicks. Indian Journal of Veterinary pathology 34 (2): 128-133.
- Kumar, R., Khurana, R. and **Narang**, G (2010). Histopathology of Dermatophytosis in cattle calves. Indian Journal of Veterinary pathology 34 (1): 9-11.
- **Narang**, G. and Pruthi, A.K (2009). Effect of IBD vaccine and levamisole on bursal index in HPS infected chicks. Haryana Veterinarian 48: 76-80.
- Agarwal A, **Narang** G, Rakha NK, Mahajan NK and Sharma A (2009). In vitro lecithinase activity and antibiogram of Clostridium perfringens isolated from broiler chickens. Haryana Veterinarian. 48: 81-84.

- Mor K Sunil., **Narang** G., Jindal N., Mahajan N.K., Sharma P.C. and Rakhan.K (2010). Epidemiological Studies on Infectious Bursal Disease in Broiler Chickens in Haryana, India. International Journal of Poultry Science, 9 (4): 395-400.
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- Sharma, P. C., Jindal, N., Shukla, C. L., Mata, M. M., **Narang**, G. and Khakhar, R. S. (2007). Epidemiological observations on haemorrhagic septicemia in Haryana State. Indian Vet. J. 84: 144-146
- **Narang**.G, N.K.Mahajan, M.M.Mata, N.Jindal, R.S.Khokhar, and S.K.Mishra. (2006). "Chlorpyrifos toxicity in Peacocks in Haryana". Haryana Veterinarian 45, pp 85-87.
- Jindal, N., Sharma, P.C., **Narang**, G., Batra, M., Mahajan, N.K., Kumar, S., Khokhar, R. S. and Gupta, S.L. (2006). Observations on sheeppox outbreaks in the state of Haryana during 1994-2004. Indian Vet. J. 83: 745-747.
- **Narang** G. and Jindal N. (2006) Effect of levamisole along with HVT vaccine against Marek's disease. Indian Veterinary Journal. 83(5), pp 483-485.
- **Narang** G., Kharole M.U. and Pruthi A.K. 2005 Effect of levamisole along with HVT vaccine on cell mediated immunity against Marek's disease. Haryana Veterinarian 44, pp-17-20.
- Jindal, N. and **Narang**, G. 2005. Mycotoxicosis in poultry. Lead paper In: Proceedings of XII Annual Conference of IAAVR held at Bikaner from 31st Dec. 2004 – 1st Jan. 2005. pp. 84-91.
- **Narang**, G.; Jindal, N. and Kumar, S. 2003. Occurrence of Marek's disease in vaccinated layer flocks in Haryana". Indian Veterinary Journal. 80: pp 590.
- Jindal.N., Kumar.S., **Narang**,G.Chaturvedi,G.C., Tomar,P and Garg,D.N.2002. Some epidemiological observations on haemorrhagic septicemia in buffaloes and cattle in Haryana state of India. Buffalo J. 2: 273-280
- Jindal.N; S.Kumar;G.**Narang** and S.L.Gupta (2002).Methyl parathion toxicity in buffaloes-A clinical report. Indian Veterinary Journal.79: pp 1182-1183.
- **Narang**, G.; Mahajan, N.K. and Matta, M.M. (2000). Peacock mortality in Haryana". CCS HAU, Research Courier. 5(2).
- **Narang**, G. 2000. "Detection of Synthetic milk". CCS HAU, Research courier. 5(1).
- Jindal, N.; Rana, N.; Kumar, S.; **Narang**, G. and Mahajan, N.K. 1999. Salmonella gallinarum and Salmonella enteritidis infection in poultry in some parts of Haryana. Indian Vet. J. 76; 563-64.
- Jindal, N.; Rana, N.; **Narang**, G. and Kumar, S. 1999. Characterization and antibiogram of Escherichia coli isolates from poultry in some parts of Haryana. Indian Vet. J. 76: 367-68.
- Jindal, N.; and **Narang**, G. 1998. "An outbreak of rabies in buffaloes in Haryana". Indian Vet. J. 75: 839-840.
- Kumar, S., Jindal, N. and **Narang**, G. 1997. Haemorrhagic septicaemia: Prevention and control. Anim. Poult. Dis. Update XXII. : 12-14.

- Mahipal, S.K.; **Narang**, G.; Chaunan, R.S. and Khurana, Rajesh 1996. "Incidence of aflatoxin in poultry feeds in Haryana". Haryana Veterinarian. Vol. XXXV, No. 1, pp. 42-45.
- **Narang**, G., Khurana, Rajesh, Mahipal, S.K. and Satija, S.K. 1996. "Selection and dispatch of material for toxicological analysis". Animal and Poultry disease update. Vol. XIX – XXIII, pp. 7-9.
- Krishnaswamy, S.; **Narang**, G.; Kumar, Rajinder and Batra, G.L. 1995. "Antibiotic/chemotherapeutic sensitivity pattern of commonly used antibiotics to various bacterial isolates from poultry". Haryana Veterinarian, Vol. XXXII – XXXIV, 142, pp. 21-24.
- **Narang**, G., and Kharole, M.U. 1995. "Effect of levamisole along with herpes virus of turkey vaccine on organ associated lymphoid tissue in chicken against Marek's disease". Haryana Veterinarian Vol. XXXII – XXXIV, 142, pp. 46-51.
- **Narang**, G., and Kharole, M.U. 1995. Effect of levamisole on the efficacy of turkey herpes virus vaccine against Marek's disease". Ind. J. Virol., Vol 11, No., 1 pp. 13-22.
- **Narang**, G., Kharole, M.U. and Singh, Jagjit 1994. Effect of levamisole along with Herpes virus of turkey vaccine on shedding of Marek's disease virus from feather follicles Ind. J Virology.

#### Books/manual/Compendium

- **Narang**, G., Suresh Kumar, Mahajan N.K., Khurana, R. Khokhar, R.S. , Rakha N.K., Gupta, R. and Agnihotri, D. (2012). Preventive Veterinary Medicine – I (A manual of Field and Laboratory Procedures), Department of Veterinary Epidemiology & Preventive medicine, College of Veterinary Sciences, L UVAS, Hisar.
- **Narang** G, Mahajan, N.K and Rakha, N.K., (2009). Compendium on "Poultry Health and Management Practices- An Update". Department of Veterinary Epidemiology and Preventive Medicine, CCS HAU, Hisar. Pp.1-127
- **Narang**, G., Suresh Kumar, Mahajan N.K., Khurana, R. Khokhar, R.S. and Rakha N.K. (2008) Preventive Veterinary Medicine – I (A manual of Field and Laboratory Procedures), The Department Veterinary Epidemiology & Preventive medicine, College of Veterinary Sciences, CCS HAU Hisar.
- Mahajan N. K., **Narang**, G., Khokhar, R. S and Gupta, S. L. (Eds.). 2005. "Livestock Disease Scenario in the State of Haryana". Department of Veterinary Epidemiology and Preventive Medicine, College of Veterinary Sciences, CCS HAU, Hisar.
- Mahajan, N. K., **Narang**, G. and Singh, Y. (Eds.) (2005). Manual on "Disease Surveillance and Monitoring, Prevention and Control of Livestock Diseases of Economic importance and Zoonotic Diseases". Department of Veterinary Epidemiology and Preventive Medicine, College of Veterinary Sciences, CCSHAU, Hisar.
- Rakha, N.K., Jindal, N., Sharma P.C., Mahajan, N.K., and **Narang** G. (2008). Compendium on "Updates on Poultry Health and Management Practices". Department of Veterinary Epidemiology and Preventive Medicine, CCS HAU, Hisar. Pp.1-127

## Chapter in books/manual/compendium

- **Narang, G**, Agrawal A and Jindal, N. 2012. Clostridium perfringens infection in poultry: Diagnosis and control. "Veterinary Diagnostics Current Trends". By R.P.Gupta, S.R.Garg, Vikas Nehra and Deepika Lather (eds.). Satish Serial Publishing House, Delhi.
- Jindal, N. and **Narang, G** and Rakha, N.K (2009). Therapeutics of poultry diseases. In Compendium on "Update of Poultry Health and Management Practices" Rakha, N.K., Jindal, N., Sharma P.C., Mahajan, N.K., and **Narang G.** (eds.). Department of Veterinary Epidemiology and Preventive Medicine, CCS HAU, Hisar. pp. 89-94.
- **Narang, G.**, Jindal, N. and Rakha, N.K. (2009). Estimation of aflatoxin in feeds. In: Compendium on "Update of Poultry Health and Management Practices" Rakha, N.K., Jindal, N., Sharma P.C., Mahajan, N.K., and **Narang G.** (eds.). Department of Veterinary Epidemiology and Preventive Medicine, CCS HAU, Hisar. pp. 113-118.
- **Narang, G.**, N.Jindal and R.S.Khokhar (2009). Diagnosis, prevention and control of important fungal and toxic conditions in Poultry. In Compendium on "Update of Poultry Health and Management Practices" Rakha, N.K., Jindal, N., Sharma P.C., Mahajan, N.K., and **Narang G.** (eds.). Department of Veterinary Epidemiology and Preventive Medicine, CCS HAU, Hisar. pp. 57-62.
- Jindal, N. and **Narang, G** and Rakha, N.K (2008). Therapeutics of poultry diseases. In Compendium on "Update of Poultry Health and Management Practices" Rakha, N.K., Jindal, N., Sharma P.C., Mahajan, N.K., and **Narang G.** (eds.). Department of Veterinary Epidemiology and Preventive Medicine, CCS HAU, Hisar. pp. 71-76.
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- Mahajan, N. K.; Jindal, N.; Mittal, D.; Kumar, S.; Sharma, P. C.; **Narang, G.** and Khokhar, R. S. 2005. Surveillance and present status of some important infectious diseases of livestock in Haryana. In: Livestock Disease Scenario in the State of Haryana by Mahajan, N. K., **Narang, G.**, Khokhar, R. S and Gupta, S. L. (eds.) Department of Veterinary Epidemiology and Preventive Medicine, College of Veterinary Sciences, CCS HAU, Hisar.
- **Narang, G.**, Jindal, N., and Khokhar, R.S. 2005. Investigations of poisoning/ toxic conditions in animals. In: Compendium of Training Course on "Advances in Clinical Diagnostic Techniques, Postmortem Examination and Dispatch of Specimens" organized by Director, TVCSC, CCS HAU, Hisar from March 9-29, 2005. pp 171-176.
- **Narang, G.**, Jindal, N. And Khokhar, R.S. 2005. Common fungal and toxic conditions in poultry. In: Compendium of Training Course on "Poultry Health & Management" organized by the Department of Veterinary Epidemiology and Preventive Medicine, CCSHAU, Hisar from 5-9-2005 to 19-9-2005. pp. 53-58.
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- Rajpal Khilare\*, Rajesh Khurana, Vijay Jadhav and Gulshan**Narang**(2015).“Occurrence of Some Organochlorine Pesticide Residues in Poultry Feed andMeat” presented in XIII Annual Conference of Indian Association of Veterinary Public Health Specialists (IAVPHS) held at Veterinary College, Bangaluru from Feb. 10-12, 2015.
- **Narang,G,** Agrawal A and Jindal, N. 2012. Lead paper on the topic “Clostridium perfringens infection in poultry: Diagnosis and control” presented in XXIXth Annual Conference of Indian Association of Veterinary pathologist-2012 and National Seminar on “Emerging trends in diagnosis and control of Poultry diseases” held at Dept. of Vetarinary Pathology , College of Veterinary Sciences, LLR UVAS, Hisar from 5-7 Nov. 2012.
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- **Narang**,G., Mahajan, N.K. and Jindal, N. (2012) Status of Aflatoxin in poultry feeds in Haryana" Paper abstracted in 12<sup>th</sup> Indian Veterinary Congress and XIXth Annual conference of IAAVR held at COVS & A.H, Mhow, Jabalpur (M.P) from 20-21 April 2012.
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#### **Annual Meeting of ICAR and Exhibition of Technologies**

- Attended workshop on "Research Projects in Livestock Sector: Funding and Constraints" organised by Directorate of Research, LLR UVAS, Hisar on 8-3-13 and displayed the "Field spot test to detect urea in milk" in the exhibition for displaying technologies developed by some of the departments of LLRUVAS.
- Attended Annual General Body Meeting of ICAR held on 6<sup>th</sup>-7<sup>th</sup> March 2012 and displayed the "Field spot test to detect urea in milk" in the exhibition for displaying technologies developed by some of the Universities and ICAR institutes of India.