

FACULTY PROFILE INFORMATION

1. **Name:** **Dr Pawan Kumar Verma**
2. **Designation:** Assistant Professor (Senior Scale)
3. **Contact Address:** Division of Veterinary Pharmacology and Toxicology, Faculty of Veterinary Sciences & Animal Husbandry, R S Pura, 181102 (J&K), INDIA
4. **E-Mail:** drpawankv@yahoo.co.in
5. **Mobile:** 9419111332
6. **Professional Experience:** 15 years in Teaching, Research and Extension (As Assistant Prof.)
02 Years Treatment and Extension (as Veterinary Officer)
7. **Awards/ Honours/ Scholarships:**
 - (a) JUNIOR RESEARCH FELLOWSHIP 2001-2003
 - (b) YOUNG SCIENTIST AWARD 2011
 - (c) ASSOCIATE FELLOWSHIP OF ISVPT 2019
 - (d) ASSOCIATE MEMBER OF NAVS 2019
 - (e) RESEARCH EXCELLENCE AWARD 2019
8. **Area of Specialization:** **Pharmacology and Toxicology**
9. **Research Interest:** **Pharmacodynamics and Toxicological studies**
10. **Total No. of Publication (Referred Journals):** International Journals - **60**
National Journals - **42**
11. **Selected Publications (best five):**
 - (a) Singh, P., **Verma, P.K.**, Raina, R. Sood S., Sharma P. (2020) Maximum contaminant level of arsenic in drinking water potentiates quinalphos-induced renal damage on co-administration of both arsenic and quinalphos in Wistar rats. *Environmental Science and Pollution Research* (2020) 27:21331-21340.
 - (b) Mahajan L, **Verma PK**, Raina R, Pankaj NK, Sood S, Singh M. (2018). Alteration in thiols homeostasis, protein and lipid peroxidation in renal tissue following subacute oral exposure of imidacloprid and arsenic in Wistar rats. *Toxicology Reports*. 5:1114-1119.
 - (c) Mahajan L, **Verma PK**, Raina R, Sood S. (2018). Toxic effects of imidacloprid combined with arsenic: Oxidative stress in rat liver. *Toxicological and Industrial Health*; 34(10); 726-735.
 - (d) Mahajan L, **Verma PK**, Raina R, Sood S. (2018). Potentiating effect of imidacloprid on arsenic-induced testicular toxicity in Wistar rats. *BMC Pharmacology Toxicology*, 19(1):48.
 - (e) **Verma PK**, Raina R, Sultana M, Singh M, Kumar P. (2016). Total antioxidant and oxidant status of plasma and renal tissue of cisplatin-induced nephrotoxic rats: Protection by floral extracts of *Calendula officinalis* Linn. *Renal Failure* 38:142-50.

- 12. Student advisory:** MVSc – 02 (Major Advisor) and 12 (Committee member)
PhD - 01 (Major Advisor) and 5 (Committee member)
- 13. Books/ Manuals/ Monographs:** Books – 04
Manuals - 05
- 14. Seminar/ Workshop/ Conference attended:** Seminar -10
Workshop – 05
Conference - 12
- 15. Extension trainings associated with:** Village Visit and Stay programme of as per the University
MGMG programme
- 16. Research projects as PI/Nodal Officer:** **Extramural projects (as Co-PI)**
Completed project
- (a) *Mechanisms Controlling the Metalaxyl Induced Developmental Toxicity with Special Reference to Reproduction Indices in Wistar Rats*” by the Department of Science & Technology, J&K Govt. amounting 16.79 Lakhs from 2011 to 2013 as Co-PI.
- (b) *Estimation and evaluation of antimicrobial residues in foods of animal origin in Jammu region and their impact on human health*” by the Department of Science & Technology, J&K Govt. amounting 62.87 Lakhs from 2016 to 2019.
- On-going University Funded Research Projects (Co-PI)**
- (a) Toxicological Studies of Pesticides in Animals and their amelioration in animal models
- (b) Screening of plants for their pharmacological activities
- 17. Other Achievements if any (Please specify):**
- (a) **Course co-coordinator:** ICAR sponsor training course on *“Advances in Clinical Pharmacokinetics and Drug Delivery System in Veterinary Practice”* Nov. 7th – 16th, 2006
- (b) **Co-coordinator of 13th ISVPT** conference and national Symposia on *“Biopharmaceuticals and Nano Technology in Therapeutics & Development of Anti Cancer drugs from Botanicals”* from Nov. 20-22nd, 2013.