



ORCID



Dr. Sharun Khan

BVSc. & AH, MVSc. (ICAR-IVRI)
Veterinary Surgery and Radiology

Email – sharunkhansk@gmail.com
Mobile - +91 7012649375
DOB – 10th June 1994



Researcher ID
A-3084-2019



ORCID ID
0000-0003-1040-3746



SCOPUS Author ID
56297714300



Loop ID
752399



Google Scholar Profile
<https://scholar.google.co.in/citations?hl=en&user=d1f7mU8AAA-AJ>

Mendeley Profile
<https://www.mendeley.com/profiles/khan-sharun/>

ResearchGate Profile
https://www.researchgate.net/profile/Sharun_Khan2

Loop Profile
<https://loop.frontiersin.org/people/752399/overview>

PubMed Profile
<https://www.ncbi.nlm.nih.gov/pubmed/2a14wHb/bibliography/public/>

MVSc. Guide/Mentor

Dr. Abhijit M Pawde
Principal Scientist & In charge
Centre for Wildlife
Conservation, Management
& Disease Surveillance.
ICAR-Indian Veterinary
Research Institute
Izatnagar, Bareilly, Uttar
Pradesh, India

Specific area of interest

Veterinary surgery, Wildlife, Wildlife rescue and rehabilitation Regenerative medicine, Obstetrical pathology, Clinical parasitology, Infectious disease.

Major contributions

- Screened the presence of endoparasites among the captive Asiatic Lions of Thiruvananthapuram Zoological Gardens. Reported the occurrence of *Toxascaris leonina* among them. Devised a therapeutic strategy that led to successful therapeutic management.
- Successfully completed the rescue and rehabilitation of several wildlife species like Gray langur (*Semnopithecus entellus*), Rhesus macaque (*Macaca mulatta*), Black Kite (*Milvus migrans*) etc.
- Established the efficacy of long acting injectable ivermectin (3.15%) for the management of Sarcoptic mange in Rabbits (*Oryctolagus cuniculus*).
- Standardized the therapeutic protocol for managing neural deficits associated with vertebral compression fracture using allogenic bone marrow derived mesenchymal stem cells (BM-MSC). – MVSc. Minor Research
- Developed snake bite treatment protocol in veterinary patients especially for neurotoxic envenomation – Minor seminar

MVSc. Research – Under the guidance of Dr. Abhijit M Pawde, MVSc., PhD

Effect of adipose-derived stromal vascular fraction (SVF) and non-activated platelet-rich plasma (nPRP) on hydroxyapatite-tricalcium phosphate (HA-TCP) based management of atrophic non-union fractures in rabbit model.

Academic Awards at School/ College/ University/ National/ International Levels

1. Awarded Merit-cum-Means Scholarship given by Ministry of Minority Affairs, Government of India for BVSc & AH (2012) (Duration – 5 Years) - *National level*
2. ICAR-IVRI MVSc (2018) Institute merit Fellowship – *National level*
3. First prize in Clinical case competition (Surgery Discipline) organized by the Referral Veterinary Polyclinic and Teaching Veterinary Clinical Complex, ICAR-IVRI on World Veterinary Day, April 27, 2019 for presenting a report on the rescue and rehabilitation of Rhesus macaque (*Macaca mulatta*). – *University level*
4. Third prize in Companion Animal Medicine UG Category - TANUVAS - 9th Clinical Case Conference on Farm and Companion Animal Practice for Veterinary Students – *National level*

Memberships in Professional bodies/Societies/Councils/Boards

1. Developing Nation Membership – American Association of Zoo Veterinarians
2. Member of Kerala State Veterinary Council (KSVC)
3. Life member of Indian Society for Advancement of Canine Practice (ISACP)
4. Life member of Indian Society for Veterinary Surgery (ISVS)
5. Member of Indian Academicians and Researchers Association (IARA)

Publications

- Sharun K**, Pawde AM. Variables affecting the potential efficacy of platelet-rich plasma (PRP) in dermatology. *Journal of the American Academy of Dermatology*. 2020 Aug 25; S0190-9622(20)32477-4. doi: 10.1016/j.jaad.2020.08.080. (Impact Factor: 8.277)
- Sharun K**, Pawde AM. Minimum requirements for reporting clinical trials evaluating the therapeutic potential of platelet-rich plasma (PRP). *Journal of the American Academy of Dermatology*. 2020; S0190-9622(20)32479-8. doi: 10.1016/j.jaad.2020.08.082. (Impact Factor: 8.277)
- Sharun K**, Tiwari R, Natesan S, Yattoo MI, Malik YS, Dhama K. International travel during the COVID-19 pandemic: Implications and risks associated with 'Travel Bubbles'. *Journal of Travel Medicine*. 2020 Sep 30; taaa184. doi: 10.1093/jtm/taaa184. (Impact Factor: 7.089)
- Sharun K**, Pawde AM. Platelet-rich plasma (PRP) for post-traumatic osteoarthritis: classification and coding systems. *Osteoarthritis and Cartilage*. 2020 Oct 9; S1063-4584(20)31141-9. doi: 10.1016/j.joca.2020.08.013. (Impact Factor: 4.793)
- Sharun K**, Tiwari R, Dhama J, Dhama K. Dexamethasone to combat cytokine storm in COVID-19: Clinical trials and preliminary evidence. *International Journal of Surgery*. 2020 Sep 4;82: 179-181. doi: 10.1016/j.ijss.2020.08.038. (Impact Factor: 3.357)
- Sharun K**, Tiwari R, Iqbal Yattoo M, Patel SK, Natesan S, Dhama J, Malik YS, Harapan H, Singh RK, Dhama K. Antibody-based immunotherapeutics and use of convalescent plasma to counter COVID-19: advances and prospects. *Expert Opinion on Biological Therapy*. 2020 Sep;20(9):1033-1046. doi: 10.1080/14712598.2020.1796963. (Impact Factor: 3.224)
- Sharun K**, Pawde AM, Amarpal. 2020. Classification and coding systems for platelet-rich plasma (PRP): A peek into the history. *Expert Opinion on Biological Therapy*. In Press. (Impact Factor: 3.224)
- Sharun K**, Dhama K, Patel SK, Pathak M, Tiwari R, Singh BR, Sah R, Bonilla-Aldana DK, Rodriguez-Morales AJ, Leblebicioglu H. Ivermectin, a new candidate therapeutic against SARS-CoV-2/COVID-19. *Annals of Clinical Microbiology and Antimicrobials*. 2020 May 30;19(1):23. doi: 10.1186/s12941-020-00368-w. (Impact Factor: 2.924)
- Sharun K**, Pawde AM, Pal A. Platelet-rich plasma (PRP) for skin graft enrichment: The need for a universal PRP classification system. *International Wound Journal*. 2020 Aug 21. doi: 10.1111/iwj.13472. (Impact Factor: 2.825)
- Sharun K**, Tiwari R, Patel SK, Karthik K, Iqbal Yattoo M, Malik YS, Singh KP, Panwar PK, Harapan H, Singh RK, Dhama K. Coronavirus disease 2019 (COVID-19) in domestic animals and wildlife: advances and prospects in the development of animal models for vaccine and therapeutic research. *Human Vaccines and Immunotherapeutics*. 2020 Sep 11:1-12. doi: 10.1080/21645515.2020.1807802. (Impact Factor: 2.619)
- Sharun K**, Pawde AM. In vitro studies using platelet-rich plasma: Minimum reporting requirements. *Cell Biology International*. 2020 Sep 9. doi: 10.1002/cbin.11462. (Impact Factor: 2.571)
- Sharun K**, Pawde AM. Platelet-rich plasma for hip osteoarthritis: comparing the variables in production protocol and composition. *Clinical Rheumatology*. 2020 Aug 11. doi: 10.1007/s10067-020-05337-4. (Impact Factor: 2.394)
- Sharun K**, Pawde AM. Universal classification system for platelet-rich plasma (PRP): A method to define the variables in PRP production. *Burns*. 2020 Aug 2; S0305-4179(20)30474-5. doi: 10.1016/j.burns.2020.07.015. (Impact Factor: 2.066)

- Sharun K**, Pawde AM. Letter to the Editor: Histopathological Evaluation of the Effects of Intraurethral Platelet Rich Plasma in Urethral Trauma Experimentally Induced in Rat Model. *Urology*. 2020 Oct; 144:267. doi: 10.1016/j.urology.2020.07.036. (Impact Factor: 1.924)
- Sharun K**, Pawde AM. Letter Regarding: The Effects of Platelet-rich Plasma to Decrease the Risk of Seroma Formation After Mastectomy and Axillary Dissection. *Journal of Surgical Research*. 2020 Sep 8:S0022-4804(20)30574-6. doi: 10.1016/j.jss.2020.08.030. (Impact Factor: 1.841)
- Sharun K**, Pawde AM. Platelet-rich plasma (PRP) for burn wound: Minimum reporting requirements. *Journal of Burn Care and Research*. 2020 Aug 19: iraa136. doi: 10.1093/jbcr/iraa136. (Impact Factor: 1.533)
- Sharun K**, Sircar S, Malik YS, Singh RK, Dhama K. How close is SARS-CoV-2 to canine and feline coronaviruses? *Journal of Small Animal Practice*. 2020 Aug;61(8):523-526. doi: 10.1111/jsap.13207. (Impact Factor: 1.103)
- Sharun K**, Kumar R, Kalaiselvan E, Singh M, Rawat T, Saxena AC, Kinjavdekar P, Pawde AM, Amarpal. 2020. Diagnosis and surgical retrieval of an intraocular foreign body (IOFB) secondary to ballistic wound in a Rhesus macaque (*Macaca mulatta*). *Iranian Journal of Veterinary Research*. In Press. doi: 10.22099/ijvr.2020.34680.5120 (Impact Factor: 0.978)
- Dhama K, **Sharun K**, Tiwari R, Sircar S, Bhat S, Malik YS, Singh KP, Chaicumpa W, Bonilla-Aldana DK, Rodriguez-Morales AJ. Coronavirus Disease 2019-COVID-19. *Clin Microbiol Rev*. 2020 Jun 24;33(4):e00028-20. doi: 10.1128/CMR.00028-20. (Impact Factor: 22.556)
- Dhama K, Patel SK, **Sharun K**, Pathak M, Tiwari R, Yattoo MI, Malik YS, Sah R, Rabaan AA, Panwar PK, Singh KP, Michalak I, Chaicumpa W, Martinez-Pulgarin DF, Bonilla-Aldana DK, Rodriguez-Morales AJ. SARS-CoV-2 jumping the species barrier: Zoonotic lessons from SARS, MERS and recent advances to combat this pandemic virus. *Travel Med Infect Dis*. 2020 Aug 2;37:101830. doi: 10.1016/j.tmaid.2020.101830. (Impact Factor: 4.589)
- Dhama K, **Sharun K**, Tiwari R, Dadar M, Malik YS, Singh KP, Chaicumpa W. COVID-19, an emerging coronavirus infection: advances and prospects in designing and developing vaccines, immunotherapeutics, and therapeutics. *Hum Vaccin Immunother*. 2020 Jun 2;16(6):1232-1238. doi: 10.1080/21645515.2020.1735227. (Impact Factor: 2.619)
- Tiwari R, Dhama K, **Sharun K**, Iqbal Yattoo M, Malik YS, Singh R, Michalak I, Sah R, Bonilla-Aldana DK, Rodriguez-Morales AJ. 2020. COVID-19: animals, veterinary and zoonotic links. *Veterinary Quarterly*. 1-22. doi: 10.1080/01652176.2020.1766725. (Impact Factor - 2.340)
- Malik YS, Sircar S, Bhat S, **Sharun K**, Dhama K, Dadar M, Tiwari R, Chaicumpa W. 2020. Emerging novel coronavirus (2019-nCoV)-current scenario, evolutionary perspective based on genome analysis and recent developments. *Veterinary Quarterly*. 40(1):68-76. doi: 10.1080/01652176.2020.1727993. (Impact Factor - 2.340)
- Rodriguez-Morales AJ, Dhama K, **Sharun K**, Tiwari R, Bonilla-Aldana DK. 2020. Susceptibility of felids to coronaviruses. *Vet Rec*. vetrecm1671. doi: 10.1136/vr.m1671. (Impact Factor - 2.101)
- S., V., Dhama, K., Chakraborty, S., Samad, H.A., Latheef, S.K., **Sharun, K.**, Khurana, S.K., K., A., Tiwari, R., Bhatt, P., K., V., Chaicumpa, W. 2019. Role of Antisperm Antibodies in Infertility, Pregnancy, and Potential for Contraceptive and Antifertility Vaccine Designs: Research Progress and Pioneering Vision. *Vaccines*, 7(3), 116. DOI: 10.3390/vaccines7030116 (Impact factor: 4.760)
- Ahmad T, Haroon, Dhama K, **Sharun K**, Khan FM, Ahmed I, Tiwari R, Musa TH, Khan M, Bonilla-Aldana DK, J Rodriguez-Morales A, Hui J. Biosafety and biosecurity approaches to restrain/contain and counter SARS-CoV-2/COVID-19 pandemic: a rapid-review. *Turk J Biol*. 2020 Jun 21;44(3):132-145. doi: 10.3906/biy-2005-63. (Impact Factor - 0.716)

- Patel SK, Pathak M, Tiwari R, Yattoo MI, Malik YS, Sah R, Rabaan AA, **Sharun K**, Dhama K, Bonilla-Aldana DK, Rodriguez-Morales AJ. A vaccine is not too far for COVID-19. *J Infect Dev Ctries*. 2020 May 31;14(5):450-453. doi: 10.3855/jidc.12744. (Impact Factor - 0.703)
- Malik YS, Ansari MI, Ganesh B, Sircar S, Bhat S, Pande T, Vinodhkumar OR, Kumar P, Iqbal Yattoo M, Tiwari R, Touil N, Patel SK, Pathak M, **Sharun K**, Dhama K. BCG vaccine: a hope to control COVID-19 pandemic amid crisis. *Hum Vaccin Immunother*. 2020 Sep 29:1-9. doi: 10.1080/21645515.2020.1818522. (Impact Factor: 2.619)
- Alagawany, M., Abd El-Hack, M. E., Saeed, M., Naveed, M., Arain, M. A., Arif M., Tiwari, R., Khandia, R., Khurana S. K., Karthik K., Yattoo, M. I., Munjal, A., Bhatt, P., **Sharun, K.**, Iqbal, H. M. N., Sun C., Dhama, K. 2019. Nutritional Applications and Beneficial health Applications of Green Tea and L-theanine in some Animal Species: A review. *Journal of Animal Physiology and Animal Nutrition*. (In Press) DOI:10.1111/jpn.13219 (Impact factor: 1.703)
- Sivaprasad, M., Jisna, K., **Sharun, K.**, Faslu Rahman, C., & Faslu Rahman, A. (2020). Laboratory Diagnosis of COVID-19: Safety and Preventive Measures for Sample Processing. *Trends in Biomaterials & Artificial Organs*, 34(S3), 66-69.
- Faslu Rahman, C., **Sharun, K.**, Jose, B., Sivaprasad, M., & Jisna, K. (2020). Animal Models for SARS-CoV-2 Infection: A Tool for Vaccine and Therapeutic Research. *Trends in Biomaterials & Artificial Organs*, 34(S3), 78-82.
- Sharun K**, Panikkassery S, Sidhique SA. 2019. Medical management of conjunctivitis and shell rot in a red-eared slider (*Trachemys scripta elegans*). *Comparative Clinical Pathology*, 1-3. doi: 10.1007/s00580-019-02911-4 (Publisher: Springer Nature)
- Sharun K**, Satheesh A, Alexander J. 2020. Diagnosis and therapeutic management of gastrointestinal parasitism among the captive population of Indian star tortoise (*Geochelone elegans* Schoepff, 1795) at Zoological Garden, Thiruvananthapuram, Kerala, India. *Journal of Parasitic Diseases*. doi: 10.1007/s12639-020-01217-5 (Publisher: Springer Nature)
- Sharun K**, Anjana S, Sidhique K, Panikkassery S. 2019. Treatment of sarcoptic mange infestation in rabbits with long acting injectable ivermectin. *Journal of Parasitic Diseases*, 1-4. doi: 10.1007/s12639-019-01137-z (Publisher: Springer Nature)
- Frediansyah A, Tiwari R, **Sharun K**, Dhama K, Harapan H. Antivirals for COVID-19: A critical review. *Clinical Epidemiology and Global Health*. 2020 Jul 28. doi: 10.1016/j.cegh.2020.07.006
- Arumugam VA, Thangavelu S, Fathah Z, Ravindran P, Sanjeev AMA, Babu S, Meyyazhagan A, Yattoo MI, **Sharun K**, Tiwari R, Pandey MK, Sah R, Chandra R, Dhama K. COVID-19 and the World with Co-Morbidities of Heart Disease, Hypertension and Diabetes. *J Pure Appl Microbiol*. 2020;14(3):1623-1638. doi: 10.22207/JPAM.14.3.01
- Tanuj, G. N., Anandu S., **Sharun, K.**, Dhama, K. (2020). Targeting Spike protein of SARS-CoV-2 for development of COVID-19 vaccines and therapeutics. *Journal of Experimental Biology and Agricultural Sciences* (In Press).
- Sharun, K.**, Anjana, S., Sabarinadh, V. R., Ranjith M., Sidhique, S. A., and Shaji, P. 2018. Surgical management of enterocutaneous fistula secondary to dog bite wound in a Malabari goat. *Journal of Entomology and Zoology Studies*. 6(6): 927-929. DOI: 10.22271/j.ento.2018.v6.i6.8.13
- Sharun, K.**, Anjana, S., Sabarinadh, V. R., Ranjith M., Sidhique, S. A., and Shaji, P. 2018. Surgical management of dystocia due to uterine adhesion in a goat. *Journal of Entomology and Zoology Studies*. 6(6): 988-991. DOI: 10.22271/j.ento.2018.v6.i6.9.01
- Kalaiselvan, E., Sasikala, Swapna, **Sharun K.**, Mohar S., Maiti S. K. 2019. Congenital omphalocele along with persistent vitelline duct in a day old cow calf. *Ruminant Science*, 8(1).

- Kumar, R., **Sharun, K.**, Verma, N. K., Sasikala, R., Basha, M. A., Pawde A. M., and Amarpal. 2019. Management of obstructive urolithiasis in a bullock by urethrotomy. *Journal of Pharmacognosy and Phytochemistry*, 8(3): 2080-2082.
- Manjusha, K. M., Usha N. P., and **Sharun, K.** 2018. Therapeutic management of generalized demodicosis complicated with pyoderma in a dog. *Journal of Entomology and Zoology Studies*. 6(6): 614-616. DOI: 10.22271/j.ento.2018.v6.i6k.05
- Prasanth, C. R., **Sharun, K.** and Ajithkumar, S. 2017. Therapeutic Management of Cobra Envenomation in a Goat. *Intas Polivet*. 18(1), 103-104.
- Sharun, K.**, and Erdogan, G. 2019. A Review: Obstetrical Emergencies in Small Ruminants. *Alexandria Journal of Veterinary Sciences*, 62 (1), 1-16. DOI: 10.5455/ajvs.40558 (Publisher: Official Journal of Faculty of Veterinary Medicine, Alexandria University)
- Sharun, K.**, Shyamkumar, T. S., Aneesha, V. A., Dhama, K., Pawde, A. M., Pal, A., 2019. Current therapeutic applications and pharmacokinetic modulations of ivermectin, *Veterinary World*, 12(8): 1204-1211. DOI: 10.14202/vetworld.2019.1204-1211
- Sharun, K.**, Basha, M. A., Shah, M. A., Kumar, K., Kumar, P., Shivaraju, S., Pawde A. M., Amarpal. 2019. Clinical management of cutaneous hemangiosarcoma in canines: a review of five cases. *Comparative Clinical Pathology*, 1-8. DOI: 10.1007/s00580-019-03039-1 (Publisher: Springer Nature)
- Sharun, K.**, Anjana, S., Sidhique, K. and Panikkassery, S. (2019) Treatment of sarcoptic mange infestation in rabbits with long acting injectable ivermectin. *Journal of Parasitic Diseases*, 1-4. DOI: 10.1007/s12639-019-01137-z (Publisher: Springer Nature)
- Sharun, K.**, Basha, M. A., Shah, M. A., Verma, N. K., Amarpal, 2019. Arthrogryposis multiplex congenita and perosomus acaudatus complicated with atresia ani in a buffalo calf. *Research Journal for Veterinary Practitioners*. 7(1): 35-38. DOI:10.17582/journal.rjvp/2019/7.1.35.38 (Publisher: Nexus Academic Publishers).
- Sharun, K.**, Anjana, S., Dhivahar, M., Ambily, V. R., & Pillai, U. N. 2019. Diagnosis and treatment of canine leptospirosis due to serovar Bataviae—a case report. *Comparative Clinical Pathology*. 1-5 DOI: 10.1007/s00580-019-02949-4 (Publisher: Springer Nature)
- Sharun, K.**, Panikkassery, S., & Sidhique, S. A. 2019. Medical management of conjunctivitis and shell rot in a red-eared slider (*Trachemys scripta elegans*). *Comparative Clinical Pathology*, 1-3. DOI: 10.1007/s00580-019-02911-4 (Publisher: Springer Nature)
- Sharun, K.**, Manjusha, K.M. 2019. Medical Management of Orbital Myiasis using 0.1% w/v Topical Ivermectin Preparation in a Calf. *International Journal of Current Microbiology and Applied Science*, 8(5): 1796-1800. DOI: 10.20546/ijcmas.2019.805.208
- Sonu S. Nair, **Sharun, K.**, R. Anuraj and Jacob Mathew. 2019. Management of Post-Partum Uterine Prolapse in Malabari Goats. *International Journal of Current Microbiology and Applied Science*, 8(5): 2136-2140. DOI: 10.20546/ijcmas.2019.805.250
- Sharun, K.**, 2019. Chemotherapeutic Management of Hemangiosarcoma in Canines – An Update. *Cancer Therapy & Oncology International Journal*, 14(1): 555878. DOI: 10.19080/CTOIJ.2019.14.555878
- Alexander J, **Sharun K**, Anjana S. 2017. Occurrence of *Toxascaris leonina* in Captive Lions at Thiruvananthapuram Zoological Gardens. *Journal of Indian Veterinary Association*, 15(3): 36-38.

Conference Presentations

- Sharun, K.**, Kumar, R., Kalaiselvan E., Singh, M., Rawat, T., Saxena, A. C., Kinjavdekar, P., Pawde, A. M., Amarpal. Surgical management of an intraocular foreign body (IOFB) secondary to ballistic wound in a Rhesus macaque (*Macaca mulatta*). International Conference on "*Advancements in Veterinary Sciences for Wildlife Conservation*" and 13th Annual Meeting of the Association of Indian Zoo and Wildlife Veterinarians (AIZWV), Laboratory for the Conservation of Endangered Species (LaCONES), Hyderabad; Compendium of Abstracts. pp 68.
- Sharun, K.**, Mohammed Arif Basha, Kalaiselvan E, Naveen Kumar Verma, Rohit Kumar, Abhijit Motiram Pawde, Amarpal. Intramedullary Pinning for Managing Diaphyseal Fracture of Humerus in a Black Kite (*Milvus migrans*). 43rd Annual Congress of ISVS 2019, Hisar, Haryana; Compendium of Abstracts. pp 85.
- Sharun, K.**, Diagnosis and surgical retrieval of an intraocular foreign body (IOFB) secondary to ballistic wound in a Rhesus macaque (*Macaca mulatta*). Clinical case competition organized by the Referral Veterinary Polyclinic and Teaching Veterinary Clinical Complex, ICAR-IVRI on World Veterinary Day, April 27, 2019
- Sharun, K.**, A rare case of leptospirosis in a German shepherd dog infected with *L. interrogans* serovar Batavia. Compendium of Abstracts. 9th clinical conference on farm and companion animal practice for veterinary students, TANUVAS, Aug. 2017. pp 19-20.
- Sharun, K.**, Prasanth, C. R., Anjana, S., Akhil, C. A. Medical management of cobra envenomation in a crossbred Malabari goat. Compendium of Abstracts. 8th clinical conference on farm and companion animal practice for veterinary students, TANUVAS, Aug. 2016. pp 226-227.
- Akhil, C. A., **Sharun, K.**, Ashok, R. U. Radial nerve paralysis in a horse and its management. Compendium of Abstracts. 8th clinical conference on farm and companion animal practice for veterinary students, TANUVAS, Aug. 2016. pp 254.

Popular Articles

- Basha, M. A., Rohit Kumar, Uzma Jabeen, Mudasir Ahmed Shah, Deepesh Gautam, Asif Majid, Swapna C.R., Azam Khan, Prakash G.V. **Sharun, K.**, 2019. Care and management of wound in animals. *Livestock Line*. 12(12): 4-7.

Training Manuals

- Pawde A. M. and **Sharun K.** 2019. Surgical affections and interventions of male reproductive tract in large ruminants. Manual on "Refresher course on Veterinary Surgery and Medicine" 17th - 22nd June, 2019, 19-20.

For the full list of publications, conference abstracts, training manuals, and popular articles along with downloadable full-text, visit - https://www.researchgate.net/profile/Sharun_Khan2/research

Trainings

- Obtained training on Current trends in diagnosis and management of canine renal disorders with special reference to intermittent Hemodialysis conducted by Indian Veterinary Association (IVA) – *Member of WVA (World Veterinary Association)* on 6-7th June, 2018.
- Obtained training on Emergency and Critical care for veterinarians conducted by Indian Veterinary Association (IVA) – *Member of WVA (World Veterinary Association)* on 19th September, 2018.
- Obtained training in canine abdominal ultrasound and Small animal clinical neurology conducted by CAPAK (*Affiliated to FSAPAI – WSAVA World Small Animal Veterinary Association*) on 23rd February, 2018.
- Completed the continuing education (CE) programme conducted by CAPAK (*Affiliated to FSAPAI – WSAVA World Small Animal Veterinary Association*) on topics Evidence based clinical approach to the diseases of exotic pets and fishes, Updates in canine soft tissue surgery, Emergency medicine- A drug oriented approach and Therapeutic management of diseases in felines on 16-17th February, 2019.
- Completed the continuing education (CE) programme conducted by CAPAK (*Affiliated to FSAPAI – WSAVA World Small Animal Veterinary Association*) on topic Small animal emergency and critical care management on 29th April, 2018.
- Completed the continuing education (CE) programme conducted by CAPAK (*Affiliated to FSAPAI – WSAVA World Small Animal Veterinary Association*) on topics Small animal dermatology, Fluid therapy and Drug of choice for different disease conditions on 27th May, 2018.
- Completed the Continuing Professional Development (CPD) Programme conducted by SAVAK (*Affiliated to FASAVA – Federation of Asian Small Animal Veterinary Association*) on topic Basics of Veterinary Clinical Ophthalmology on 25th March, 2018.
- Completed several Online Certificate programmes on various topics conducted by internationally renowned subject specialist.
- The Infectious Disease Management Programme by Michelle Evason, BSc, DVM, DACVIM and Melissa Bourgeois, DVM, PhD, DACVM (Virology, Immunology).
- Diabetes- The condition, its diagnosis and Treatment, and Client management – Diabetes Advisor Course conducted by Linda J. I. Horspool, BVMS, PhD, Dip ECVPT, MRCVS, Director, MSD Animal Health.
- Managing diabetes for life - course conducted by Nyssa Reine-Salz, DVM, DACVIM (internal medicine).
- Canine osteoarthritis pain hero CE programme sponsored by Zoetis Petcare (Course approved by AAVSB-RACE, The American Association of Veterinary State Boards).
- Gastric Dilatation-Volvulus Syndrome: A Practical Approach conducted by WVA (World Veterinary Association). Instructor - Dr. Philip Judge BVSc MVS PG Cert Vet Stud MACVSc.