

## 2019 Awardee



### **Outstanding Alumnus Award of College of Veterinary and Animal Sciences**

**Dr. N.S. Jadon**

Born in a farmer family of district Aligarh of Uttar Pradesh, Dr. Jadon started his professional training from GBPUAT in 1976 and obtained B.V.Sc. & A.H. degree in 1981, Masters in 1983 and Ph.D. in 1991. He joined his alma-mater in 1984 as Assistant Professor, Surgery & Radiology, Associate Professor in 1997 and Professor in 2001. Presently he is heading the Department of Surgery and Radiology and University Medical Hospital. He has also served as Consultant Surgeon, Govt. of Abu Dhabi (UAE) from 2000-2002.

Dr. Jadon developed many courses for UG and PG degree programme along with 4 laboratory manuals and audio-visual aids for effective teaching. In recognition of the services he has been conferred with best teacher award of College of Veterinary and Animal Sciences in 2006-07. He has the credit to guide 25 master's degree and 6 Ph.D. students. He has published 5 books, more than 120 research papers in Journals, presented 150 research papers in National/International Conferences and written more than 50 semi technical articles, thirty folders and 05 monographs for the use of field veterinarians and extension workers. He has successfully handled 13 research projects. Based on his research contribution he has published 5 research bulletins and also filed 03 patents on magic nano -shuttle of recombinant NS1 and VP3 gene and three dimensional hydrogel scaffolds.

In recognition to his contribution to the profession, he has been awarded as Fellow of National Academy of Veterinary Sciences, (2005), Fellow of Indian Society for Veterinary Surgery (2006) and Fellow of Indian Society for Advancement of Canine Practices (2012). He is the life member of more than 10 professional societies.

He has also established stem cell, nano-biotechnology, physiotherapy and pathology labs with modern equipments and facilities. He has also received the best research paper presentation awards 10 times by various professional societies. He has also contributed significantly in the field of extracurricular activity by establishing Remount and Veterinary and Air Wing of the NCC at university campus. The main areas of his research have been anaesthesia, therapeutic uses of neuroganglionic blockade, gene therapy and tissue engineering and regenerative medicine.

He has used gene virotherapy and developed nano-shuttle PcDNAVP3 and PcDNA NSI CPV which are alternative modality for regression of tumours. In the field of stem cell research, he has worked on isolation,

differentiation, dedifferentiation and characterization of mesenchymal cells derived from different sources and screened their regenerative potential on different ailments in animals.

In recognition to his outstanding contribution to the research, G.B. Pant University of Agriculture and Technology, Pantnagar conferred him *Dr. Bir Bahadur Singh Outstanding Research Award, 2015* and **Hari Om Ashram Trust Award** by ICAR in 2015. Presently, he is working on delineation of cell surface receptors and gene regulatory pathways involved in the process of regeneration after application of stem cells and in the establishment of stem cell repository so that the stem cells may be used at the door of the farmers.