

THE SYNAPSES

ISVS NEWSLETTER



Editor: Ashok Kumar

Associate Editor: Deepak Kumar Tiwari

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From the Desk of President

It is once again a pleasure to convey my greetings to all members of the Indian Society for Veterinary Surgery. Local chapter of Indian Society for Veterinary Surgery for Madhya Pradesh and Chhattisgarh organised one day interactive session at NDVSU, Jabalpur and I had the opportunity to attend the session where large number of Veterinarians from state government Department of Animal Husbandry and faculty members attended the seminar. I also interacted with the trainees as well as senior members of Indian Society for Veterinary Surgery. The efforts put in by the organisers and members of faculty were worth appreciating. Such efforts are important to keep the society going, particularly during COVID outbreak. The next symposium of the society is going to be organised at GBUA&T, Pantnagar. I request all the administrators and members of ISVS to make this symposia a success. It is also important to enroll new member of ISVS. Periodically, we also conducted online meetings of the committee to discuss issues related to working of society and organisation of symposium. Efforts put in by the Chief Editor of the journal to timely bring out the next issue is worth appreciating. I also appreciate Dr Ashok who is bringing out the next issue of news letter in time bound manner. I also thank all those who are working in one way or the other to strengthen the society.



S.S. Singh

I convey my greetings to all the members and their family members and wish a Happy New Year. Please take good care of yourself.

From Executive Secretary Pen

Looking forward to ISVS Pantnagar!

With flurry of activities on all fronts of life, we, the ISVS members are eager to meet at Pantnagar from Feb. 24-26, 2022. I am sanguine that Omicron threat will be a whimper paving way for our meeting at Pantnagar. Our President, Treasurer and myself graced the function and participated in the Workshop of ISVS local chapter M.P. & C.G. at Jabalpur on Dec. 03, 2021. It was very well organised, amidst less salubrious environs due to pandemic and is a perfect example of 'Women Empowerment'. ISVS appreciates efforts made by Drs. Apra Shahi, Shobha Jawre, Randhir Singh and Babita Das. ISVS expects such vibrancy in other local chapters of ISVS in days to come. I wish to place on record our sincere appreciation of efforts made by Dr. Ashok Kumar in initiating and sustaining our Newsletter "The Synapses". Now this mantle falls upon Dr. Deepak Tiwari. I am sure, he will emulate Dr. Ashok Kumar in making "The Synapses" a joyous reading. Finally, I look forward to meet you all at Pantnagar Symposium under the stewardship of Dr. Narendra Singh Jadon, Professor & Dean, Veterinary Faculty, Govind Ballabh Pant University of Agriculture & Technology, Pantnagar.



D. B. Patil

Stay Safe and Healthy.

From the Editor

I express my deep gratitude to all members of ISVS for their endless and earnest efforts to disseminate knowledge to the surgeons by organising webinars and trainings, and service to the society particularly the farmers. It a matter of great pleasure that GBUA&T, Pantnagar is organising ISVS conference amid the havoc of corona pandemic. I salute the gesture and efforts of Dr. NS Jadon, Dean and Organising Secretary of the conference to take this challenge under such a situation. I humbly appeal to everyone to come forward to strengthen the hands of organising team at Pantnagar. I want to put on record the sincere gratitude to Dr. Deepak Kumar Tiwari for his contribution to make the Newsletter enlightening. Now the baton is with Dr. Deepak and I am confident that he will take the newsletter to the next level. I convey my best wishes to all members of the society and their families for the happy, prosperous and healthy 2022.



Ashok Kumar

FEATURE

Surgical Advancement in Small Animal Practice in India

Small animal practice has grown rapidly in the recent years especially in the urban parts of India. Pets have become an integral part of the family and the bond has led pet parents to take medical care very seriously and they are always on the look out to give the best to their pet. This is the main driving force that is leading to advances in veterinary practices these days. Presently in India, there are surgeries that have advanced to the next level and through this write up will be giving an idea as to what surgeries have been upgraded and made available to our dear pets. There are various tools and techniques that have made the steps towards this advancement a reality. So, let's begin....



Rigid Endoscopy

Laparoscopy: For common elective surgeries like spaying, cryptorchid gonadectomy and prophylactic gastropexy, laparoscopy has provided us an option to be minimally invasive, reduce surgical pain and trauma and improve surgical outcomes. It has also helped assess multiple organs and take biopsies from specific lesions and is also used to place gastrostomy tubes as it provides enhanced visualization with magnification and illumination. There is a scope of even doing more advanced laparoscopic procedures like cholecystectomy, adrenalectomy etc through this method.

Thoracoscopy: The surgeries in the thorax is advancing due to good ventilator facilities and scopy. Thoracoscopy has helped in visualizing the thorax and performing thoracic duct ligation and pericardiectomy in chylothorax cases in a minimally invasive way, of course it's easier to also take biopsies from a particular lesion like a lung mass or lymph node biopsy. There are more procedures, however, that are yet to be done through thoracoscopy in India like lung lobectomy, removal of tumors etc.

Rigid scopes are used for various other procedures like otoscopy etc but are getting replaced by smaller sized flexible endoscopes

Flexible Endoscopy

Bronchoscopy, gastroscopy, colonoscopy, vaginoscopy etc. is very often been done using flexible scopes. Rhinoscopy, otoscopy, cystoscopy, and endoscopy in general in the felines is becoming easier with smaller diameter flexible scopes, in general it helps visualize the inner lining of tubular structures, observe for lesions and masses, and take biopsies.

Using scopy to view the larynx has helped diagnose laryngeal paralysis and thus laryngeal tie back viz unilateral lateralization of the arytenoid cartilage is becoming a popular surgery.

A hyperactive well vaccinated young dog with acute vomiting and dullness is usually one of indicators of foreign body and in case, it's in the esophagus or stomach there is a high chance that gastroscopically it can be retrieved.

Rhinoscope assisted nasal flushing for pets with fungal/bacterial lesions is a good line of treatment and it easily helps observe growths and other lesions and take biopsies. Otoscopy

done along with a CTScan have greatly helped to diagnose so many cases that are doing much better now as they have been operated for total ear canal ablation and bulla ostectomy

Cystoscopy: Apart from the examining and taking biopsies, it has helped to diagnose ectopic ureters wherein we have successfully done a ureteral reimplantation in a dog.

Dentistry

Dentistry is a field that often gets neglected, though highly presented. Apart from the usual scaling, carnassial tooth extractions to treat fistula, dental fillings for cavity, teeth extractions and full mouth extraction especially in cats have become a necessary part for pets health. Rabbits too get presented for tooth extractions as its the primary cause for abscess in them. Micromotors are an essential for the above procedures to be done properly.

Oncology

This is such a vast subject that it includes the study of almost every part of the body. Incisional biopsies and cytology from the masses prior to surgeries and ensuring wide margin excisions have reduced recurrence of tumors. Grafting techniques have been added to facilitate wound closures, also where oral tumors warrant a mandibulectomy or maxillectomy we are nowadays proceeding with it. Nasal planectomy is also being performed for tumors in the nares. Many other surgeries however are performed along with it in general like splenectomy, lymph node removal etc. based on tumors location and type of growth. Chain mastectomy seems to have a good outcome if done well before metastasis develops. Chemotherapy as an adjunct to surgery is also always considered. There is a huge scope even in radiation therapy however its at its infancy in India and we really need to give a thought about exploring it too. CT Scanning is really proving to be a boon to detect lesions and extent of spread.

Neurology

Spinal injury cases are getting better diagnosed and also the prognosis is getting clearer as MRI and CT SCAN facilities are being more readily available to pets nowadays. Hemilaminectomy has become a boon to some pets that went through this dreadful injury. Cervical ventral slot, pedicle screw-rod techniques have helped in stabilization of the spine caused due to vertebral fractures etc. and is used in vertebral distraction.

Ophthalmology

Phacoemulsification has greatly helped with cataracts. Corneal ulcer management with grafts, eyelid corrections and cherry eye correction without sacrificing the gland and skin grafting techniques for large eyelid tumors like lip to lid graft are some of the insights into the ophthalmology field.

Orthopedics

For cases of cranial cruciate ligament rupture the traditional extracapsular repair is slowly getting replaced by tibial plateau leveling osteotomy (TPLO) and in cases of patellar luxation the tibial tuberosity transposition and trochlear wedge resection is nowadays being employed.

Juvenile pubic symphysiodesis as a prophylactic surgery and used in puppies diagnosed with hip dysplasia between 12 to 16 weeks of age. It is a challenge to diagnose that early but if it

has a positive Ortolani sign and a great laxity of the joint it can help greatly. Its minimally invasive and uses electrocoagulation.

Dogs that are suitable candidates for double pelvic osteotomy are also benefited at a young age usually between five months to nine months of age if dysplastic.

Minimally invasive plating osteosynthesis, C- arm guided plating and pinning have made surgical outcomes good. Corrective osteotomy has been tried in angular deformities of the limbs and arthrodesis for very painful arthritic joints.

Other surgeries

At our hospital Cessna, we had also invited a doctor from the USA to place a pacemaker for a dog as it was diagnosed with bradycardia caused due to AV block.

Other soft tissue surgeries: though many of these are not truly advanced surgeries but I would say they are a bit complicated and are recently becoming common due to the wonderful diagnostic aids and skill development among the vets. Cholecystectomy, adrenalectomy, parathyroid gland removal, liver lobectomy, anal saccullectomy, hernia repair, sialoadenectomy, ectopic ureter repair, nephrectomy, urethrostomy, gastrectomy, grafting of non-healing wounds etc. are becoming a part of routine surgeries.

The popular brachycephalic breeds like pugs and bull dogs are commonly presented with brachycephalic airway obstructive syndrome (BAOS). The correction of soft palate, nasal stenosis, laryngeal saccullectomy has improved the quality of their life great. The use of LigaSure™, a coagulation device has made soft palate resection very easy. C-arm guided tracheal stenting has helped manage cases of tracheal collapse.

Exotic pet surgeries

Usually, it involves routine surgeries like sterilization procedures in common pets like rabbits, hamsters, guineapigs. Good anaesthetic procedures have enabled us to perform dental surgeries, orthopedic surgeries, and tumor surgeries in them. The avian field is also growing but truly it's still at its infancy. Some conditions like crop burn, lacerated wounds, fractures have been surgically managed. There is still a lot of advancement to be done in the exotic pet field.

Diagnostic tools

CT scan, C-arm, digital X-ray, ultrasound is now getting available at veterinary set ups but we need to still approach human diagnostic centers for MRI. Good surgical equipment's, upgrading them, training of the veterinary staff both hands on and hands off are all leading to these advances. There is a lot of work yet to be done and I am sure it's going to be more advances in the further years to come.



Dr. Pawan Kumar
CESSNA LIFELINE VETERINARY HOSPITAL
148, HCBS, Amarjyothi Layout, OFF Intermediate Ring
Road, KGA Road, Domlur, Bangalore – 560 071

All the ISVS Life members are requested to update their corresponding address with pin code, mobile number and e-mail ID for compilation of ISVS directory through e-mail:

dr.deepaktiwari@gmail.com

LEADING LIGHT IN VETERINARY SURGERY

Dr. Kushal Konwar Sarma, Professor and Head, Department of Surgery & Radiology, College of Veterinary Science, Assam Agricultural University (AAU), Khanapara, Guwahati, Assam was conferred with **Padamshree** award. Dr. Sarma is the first veterinarian in the entire country and among a very few illustrious personalities in the conservation area to receive Padmashree.



Receiving Padamshree Award from the Hon'ble President of India, Shri Ram Nath Kovind



Being Greeted by the Hon'ble Prime Minister of India, Shri Narendra Damodardas Modi

Dr. Sarma is widely recognized as the **“Elephant Man of Asia”** and is globally known for his work in the field of wild life health care, management and conservation. The service rendered by him in this field has saved the lives of thousands of wild animals globally. His relentless efforts have led to a notable change in the perspective towards wild animal healthcare and conservation in India, particularly in the survival and welfare of Asian Elephants and One-horned Rhinoceros, which has also been recognized globally.

Born on 1st of March, 1961 in a remote village of lower Assam, Dr. Sarma completed his schooling securing a National Scholarship, graduated from the College of Veterinary Science, AAU, in 1984. He completed his master's degree in Veterinary Surgery and Radiology in 1987 and PhD in the same field in 1994 as an in-service candidate. He joined the AAU in 1987 as an Assistant Professor and promoted to Professor in the Department of Surgery and Radiology in 2006 and has been the Head of the Department from 2012. Dr. Sarma has authored over 150 research papers in National and International scientific journals, authored 6 books, co-authored or contributed chapters in 7 books, guided 45 students in PhD and MVSc in Veterinary Science and published over 100 popular articles in various English or vernacular journals. He is member of the Editorial Board of one International (Chiang Mai University, Thailand) and two highly-rated National journals. Dr. Sarma has completed two research projects as Principal Investigator and two as co-investigator. His work with IIT Guwahati on “Electrospun silk polyaniline conduits for functional nerve regeneration in rat sciatic nerve injury model” received critical acclamations in medicine.

Dr. Sarma has travelled extensively, served one month in Indonesia as International Elephant Expert and is a guest faculty of the North Carolina State University and New Mexico University in USA. He had led the Rhino translocation programme in Chitwan National Park in Nepal. He has organized several National and international seminars, conferences and training programmes as the Course Director or Organizing Secretary.

Besides his call of duty as a University Professor and administrator, Dr. Sarma has dedicated his life to the healthcare and welfare of wild animals in general, elephants and rhinos in particular. He has not enjoyed a single holiday or weekend for personal comfort or pleasure for over three decades, running from forest to forest, at the service of wildlife. He attends over 700 elephants annually for preemptive and on-call basis, which now includes besides Assam, other Indian reserves like Dudhwa (UP), Rajaji (Uttarakhand), Jaldapara (WB), Kanha, Panna (MP) etc. He has the distinction of subjugating a record 139 rogue elephants in the jungles of north eastern region of India. He is the spearhead of the Veterinary team with the target of leading the world famous Manas National Park on the path of revival by reintroduction of the One-horned Rhinoceros. Besides rescue, treatment and translocation of many wild elephants, he provides parallel services for Rhinos, Swamp Deer, Tigers, Leopards, Bear, Bison, Wild Buffaloes etc. all over India. Dr. Sarma is a member of the Steering Committee and Captive Elephant Healthcare and Welfare Committee of Project Elephant, Govt. of India; Zoo and Circus Elephant evaluation committee, Central Zoo Authority; Assam and Tripura State Board of Wildlife etc. He is the serving Chairman of the Blue Cross Society, Assam and has also served as the Vice President of Indian Society for Veterinary Surgery. He is presently the member of Asian Elephant Specialist Group, IUCN, and EEHV Asia Working Group. Gold Medalist of 1984 batch of Veterinary Graduates of AAU, Dr. Sarma received many National and International awards/ recognitions including prestigious Dr. S.J. Anjelo Gold Medal from the Indian Veterinary Association (1997). He was conferred ‘Award of Excellence’ by the Chief Minister, Assam in recognition of outstanding contribution for rescuing stray rhinos from human dominated landscape (2012). He was conferred the prestigious ‘Fellow’ of Indian Society for Veterinary Surgery (2012) and Indian Society of Animal Production and Management (2020).

Dr. Sarma has received 'Certificate of Recognition for commitment to Asian Elephant Conservation, Health and Welfare' by North Carolina State University in USA (2014). Prof. Jagdish Mukhi, Hon'ble Governor of Assam had presented Dr. Sarma with the 'Award of Excellence' and honoured him with the title, "Elephant Man of Asia" (2018).

AWARDS / HONOURS / RECOGNITIONS

Institution of New Awards

Following new awards have been instituted for the outstanding and excellent achievements in the subdisciplines of surgery.

Dr. J.M. Nigam Lifetime Achievement Award for Excellence in Ruminant Surgery



Dr. Amresh Kumar Lifetime Achievement Award for Excellence in Anaesthesia



Dr. A.P. Singh Lifetime Achievement Award for Excellence in Radiology and Imaging



Dr. Gaj Raj Singh Lifetime Achievement Award for Excellence in Orthopedic Surgery



Dr. S.C. Pathak Lifetime Achievement Award for Excellence in Wild and Zoo Animal Surgery



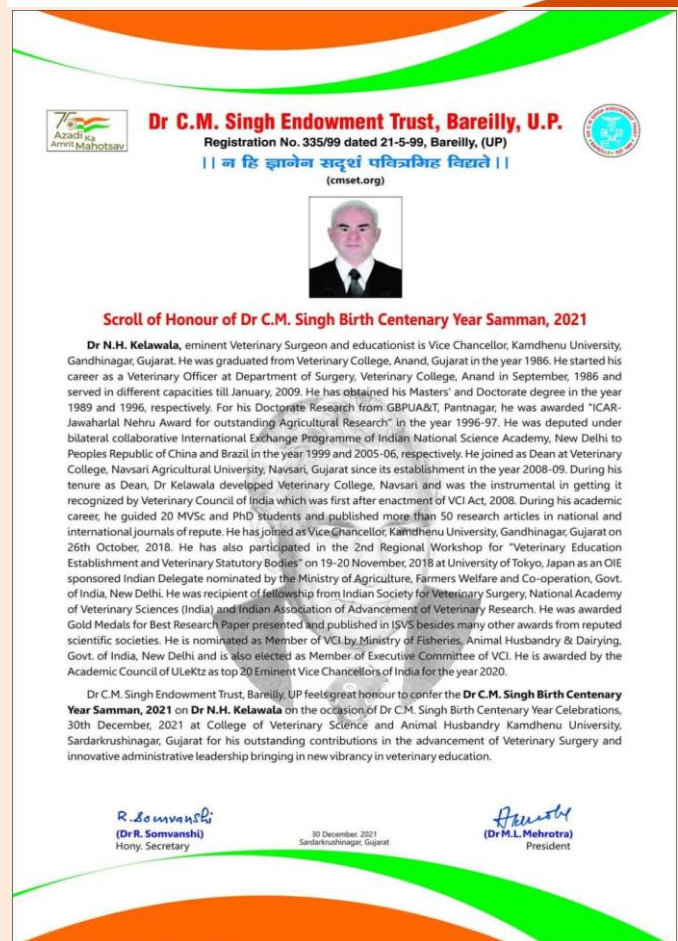
These awards will be bestowed w.e.f. upcoming ISVS Annual Congress at Pantnagar.

Conferment of DSc (*Honoris causa*) degree

Dr. Bidyut C. Deka, Vice Chancellor, Assam Agricultural University, Jorhat has conveyed that **Padmashree Dr. Kushal Konwar Sarma**; Professor and Head, Department of Veterinary Surgery and Radiology, Faculty of Veterinary Science, Assam Agricultural University, Khanapara, Guwahati; name has been recommended for conferment of DSc (*Honoris causa*) degree of Assam Agricultural University, Jorhat. The award will be conferred to Dr. KK Sarma in the forthcoming convocation of the university.



Dr. Naresh H. Kelawala, Vice Chancellor, Kamdhenu University, Gandhinagar, Gujarat was selected for the Scroll of Honour of Dr. C.M. Singh Birth Centenary Year Samman, 2021 by CM Singh Endowment Trust, Bareilly, UP during Dr. C.M. Singh Birth Centenary Year monthly National Webinar on Advances of Veterinary Sciences during Platinum Jubilee Year of Indian Independence (1947-2022) Azadi ka Amrut Mahotsav at Veterinary College, Sardar Krushinagar.



Best Poster Presentation Award

Dr. Deepak Kaushik, Ph.D. Scholar, Department of Veterinary Surgery and Radiology, College of Veterinary Sciences, Lala Lajpat Rai University of Veterinary and Animal Sciences (LUVAS), Hisar was awarded Best Presentation Award for research paper entitled, "Isoflurane sparing effects of different analgesics in buffaloes" authored by Drs. Deepak Kaushik, R.S. Bisla, R.N. Chaudhary, Deepak Kumar Tiwari, Sandeep Kumar, Neeraj Arora, Dinesh and Gaurav Kumar.

The poster was presented during the Annual Conference of Indian Society for Buffalo Development (ISBD) and National symposium on Scientific Interventions to address challenges for sustainable buffalo production at GADVASU, Ludhiana from 9-11 December, 2021.

Dr. Abhishek Verma, Ph.D. student in the Department of Veterinary Surgery and Radiology, Guru Angad Dev Veterinary and Animal Sciences University (GADVASU), Ludhiana was awarded Best poster presentation for his clinical study on “*A rare case of dermoid cyst associated with parotid gland in a male buffalo calf*” authored by Drs. Abhishek Verma, Vandana Sangwan, Neelam Bansal, Harsimran Kaur, Nima Wagdi and Shashi Kant Mahajan. The poster was presented during the Annual Conference of Indian Society for Buffalo Development and National symposium on Scientific Interventions to address challenges for Sustainable buffalo production at GADVASU, Ludhiana from 9-11 December, 2021.

Best Clinical Case Paper Presentation Award

The 5th National Online Clinical Case Conference was organised by PGIVAS, Akola and MAFSU, Nagpur on 27th-29th December, 2021. Students of LUVAS, Hisar participated and presented clinical cases and received three awards for best clinical case presentation. **Dr. Anju Poonia**, Ph.D. Scholar, Department of Veterinary Surgery and Radiology secured 3rd

position in PG category, while **Shreya Prasher** and **Kirti Barak** got 1st and 3rd positions in UG category, respectively under guidance of Dr. Ashok Kumar, Dr. R.N. Chaudhary, Dr. Deepak Kumar Tiwari, Dr.



Sandeep Saharan, Dr. Satbir Sharma and Dr. Neeraj Arora. Dr. Ashok Kumar, Professor and Head, Department of Veterinary Surgery and Radiology, COVS, LUVAS, Hisar congratulated the winners and motivated all the LUVAS participants.

APPOINTMENTS/PROMOTIONS

Dr Shirish Vinayakrao Upadhye, Professor of Veterinary Surgery and Radiology, Nagpur Veterinary College, Nagpur has been selected as the Director of Instructions & Dean, Faculty of Veterinary and Animal Sciences, Maharashtra Animal & Fishery Sciences University, Nagpur, Maharashtra and he joined his office on 20th August 2021. He has been pioneer in establishing the Wildlife Research & Training Centre at Gorewada, Nagpur through Memorandum of Understanding between MAFSU and Forest Development Corporation of Maharashtra Ltd, Nagpur and now also holding the position of Director, Wildlife Research & Training Centre, Gorewada, MAFSU, Nagpur. Dr Upadhye is the Fellow of Indian Society of Veterinary Surgery (FISVS) and Fellow, Association of Indian Zoo & Wildlife Veterinarians (FAIZWV). He was the university topper during his graduation and postgraduation. He has qualified NET



(ASRB) and UGC examination in the year 1996 and 1998, respectively. He started his carrier in the university as Assistant Professor and later worked on various positions such as Technical Officer, Resident Surgeon, Deputy Director of Research, Controller of Examinations, Private Secretary to Hon'ble Vice-Chancellor, Professor of Vet. Surgery & Radiology, Director, Wildlife Research & Training Centre, Gorewada, Nagpur. He is having total 29 years experience. He bagged 45 awards medal/prizes/fellowships including University awards, ICAR. Jr. Research Fellowship, CSIR Senior Research Fellowship, Dr. Swaminatha Iyer Memorial Award 1992, Appreciation Award by Gayatri Foundation. Appreciation Letter by Satpuda Foundation-2001, Excellent Worker Award 2003 of Society for Prevention of Cruelty to Animals, Dr. Narayankhedkar Marathi Pashusamvardhan Granth Uttejan Puraskar-2005, Certificate of Commendation by the State Forest Department for three years in appreciation of outstanding contribution in the field of Nature and Wildlife Conservation, prestigious Nakula Award from Red Swastik Society, Mumbai, Pillars of Hindustani Society Award from Trans-Asian Chamber of Commerce and Industry, Mumbai, more than 18 awards from different Scientific Societies for best paper presentations at National Conferences. He contributed lot in field of wild life by participating in more than 30 rescue operations of wildlife, treated more than 1000 wild animals/birds, Member of Expert Board constituted by the MAFSU for expert advice to the State Forest Department, Member of State level Committee constituted by Government, Pioneer in establishing WRTC at Gorewada, Nagpur. He is an excellent sonologist, small animal and large animal surgeon. He has participated 09 training programmes along with 25 National and International conferences. About 153 scientific publications and 15 technical publications to his credit. As a researcher he handled 3 projects in the capacity of Principal Investigator and 06 as Co-investigator. During his academic carrier he guided 09 M.V.Sc. and 01 Ph.D. students.

Dr. Jitender Mohindroo, Professor, Department of Veterinary Surgery & Radiology, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana was nominated as Chairman, Institutional Ethics Committee, Christian Medical College & Hospital, Ludhiana.



Dr. Vilas Daulatrao Aher joined as *Associate Dean* at Krantisinh Nana Patil College of Veterinary Science, Shirwal, District Satara, Maharashtra Animal & Fishery Sciences University, Nagpur, Maharashtra on 31st August 2021. He is also Professor and University Head in the Discipline of Veterinary Surgery and Radiology of MAFSU, Nagpur. Dr. Vilas Daulatrao Aher, born on 21st October, 1963 in Maharashtra State of India is graduated in Bachelor of Veterinary Science and Animal Husbandry from College of Veterinary Animal Science, Parbhani and obtained masters from Marathwada Agriculture University, Parbhani and doctoral degree from Maharashtra Animal & Fishery Science



University, Nagpur. He has more than 30 years' experience of Teaching, Research and Extension in Veterinary Surgery and Radiology. After starting his career as Veterinary Officer, he worked as Professor and Head of Department of Veterinary Surgery and Radiology, College of Veterinary and Animal Sciences, Parbhani and Udgir for several years and Associate Dean of Post Graduate Institute of Veterinary and Animal Sciences, Akola from May 2019 to July 2020. Thereafter, he worked as Director Extension Education, MAFSU, Nagpur from August 2020 to June 2021 and was holding additional Charge of the post of Dean, Faculty of Fishery Science of MAFSU, Nagpur. He also worked as Director of Instruction and Dean, Faculty of Veterinary Science of MAFSU, Nagpur and was having additional Charge of Dean, Lower Education of University. He worked as In-charge officer, Teaching Veterinary Clinical Complex, Internship Co-ordinator, Hostel Warden, Various Committees of College of Veterinary and Animal Sciences, Parbhani. He worked as member of various committees of Maharashtra Animal & Fishery Science University, Nagpur since 2019 viz Executive Council, Academic Council, Faculty of Veterinary Sciences and Chairman, Board of Studies in Veterinary Surgery and Radiology. He has 104 research articles at his credit out of which 14 articles have been published in international journals and 90 in national reputed journals. He has guided 36 M.V.Sc. students for research of their degree programmes and handled total 02 research projects funded by national agencies as PI and 01 as Implementing Officer, viz. Indian Council of Agricultural Research (ICAR) and Rashtriya Krishi Vikas Yojana (RKVY), respectively. He has been elected as member of Maharashtra State Veterinary Council, Nagpur and worked as member of MSVC Since 2007 to 2018. He has worked as Secretary of Board of Studies, Finance Secretary of Marathwada Chapter of Indian Society for Veterinary Surgery, Secretary of Parbhani Veterinary Alumni Association and Ex-officio President of PGIVAS Akola Alumni Association. He was nominated as Zonal Secretary, Indian Society for Veterinary Surgery for the year 1999-2001; Appointment to the Research Board of Advisors 1999 by American Biographical institute, Inc; Zonal Head for www.vetsjobindia.com; Life member of Bioinformatics Institute of India he has Worked as Chairman of Advisory Council, CPCSEA, Bio safety, Radio-safety IAEC Committee of Post Graduate Institute of Veterinary and Animal Science, Akola. He also worked as member of various committees framed by Govt. and District Administration at Parbhani and Akola viz. SPCA, Vision Document of Parbhani District; Akola Zilla praniklesh Pratibandh society, Akola Zilla stariy pranjanya aajar samiti, Akola etc. He has written one chapter in Hand book and published 01 book in Marathi and one monograph. He has developed more than 10 technologies for the benefit of farmers and entrepreneurs and has done many extension education activities. He organized 28 Trainings / workshop / seminar / conference in the field of Veterinary Sciences. He is a Life member of seven professional Associations. He has worked with Veterinary Council of India (VCI) as an expert member for inspection of colleges. He has been honored with 12 Awards.

Dr. B.P. Shukla joined as Director Clinics, NDVSU, Jabalpur on 23rd November 2021. He completed his B.V.Sc. & A.H. from Jabalpur Veterinary College in 1986-87, M.V.Sc. (Veterinary Surgery and Radiology) from IVRI, Izatnagar in 1989. He completed his Ph.D. from Anand Veterinary College, Gujarat in the year 2001. He has also worked as Veterinary Assistant Surgeon in M.P. State Govt. Veterinary Services and in Border Security Force as Assistant Commandant between 1989 to 1994. He joined university service as Assistant Professor on 10.10.1994, there after promoted to Associate Professor in 2004 and further promoted to Professor on 10.10.2009. He has guided 24 MVSc and one PhD student and has published more than 62 research papers in national and international journals. He has been awarded Best Teacher of the University award in 2012. He has been awarded Chikitsak Gayan Jyoti Award (2004), A.K. Bargava Memorial Award (2004), Rashtriya Vikas Jyoti Award (2005), Chikitsak Ratna Award (2016), Singhasth Seva Award (2016), Distinguished Surgeon Award (2020) by the different societies. He is also acting as member of Academic and Administrative Council of the University.



Dr. Harmanpreet Singh Sodhi joined as Assistant Professor in the Department of Veterinary Surgery and Radiology, College of Veterinary Science, Guru Angad Dev Veterinary And Animal Sciences University (GADVASU), Ludiana on December 26, 2021.



UPCOMING EVENTS

The 44th Annual Congress of Indian Society for Veterinary Surgery and National Symposium on “Recent Trends in Surgical and Imaging Techniques for Enhancement of Productivity and Health Status of Farm and Pet Animals” will be held at the College of Veterinary & Animal Sciences, GBPUA&T, Pantnagar, Uttarakhand from February 24 to 26, 2022. The interested persons may submit the abstracts of their research/clinical papers, to be presented in the conference to the Organizing Secretary through Email: isvspantnagar2020@gmail.com. For details, one can contact Dr. Narendra Singh Jadon, Dean and Organizing Secretary.

Last dates for submission of abstracts: 05.02.2022

Last date for supplication of ISVS awards: 31.01.2022



WORKSHOPS/TRAININGS/SYMPOSIA

Hands-on Training on 'Fracture Fixation in Small Animals' organised at IVRI Pune Centre from 27th September to 1st October 2021

Training and Education Centre, IVRI, Pune organised a five-day hands-on training programme on 'Fracture Fixation in Small Animals' from 27th September to 1st October 2021, in collaboration with Department of Animal Husbandry, Aundh, Pune (Maharashtra). Sixteen Veterinary Surgeons including veterinary officers from State Animal Husbandry Department, private practitioners and scientist from different states such as Maharashtra, Karnataka, Kerala, Gujarat, Telangana and West Bengal participated in the training. The Chief Guest of the inaugural function, held on 27th September 2021, was Dr Santosh Panchpor, Joint Commissioner of Animal Husbandry, Pune Division, Maharashtra. Dr Anil R Deshpande, Assistant Commissioner, SLTC, Pune and Dr RV Suryawanshi, Assistant Professor, College of Veterinary Sciences, Shirwal were also present, apart from Dr KN Bhilegaonkar (Principal Scientist and SIC), Dr SK Das (Pr. Scientist), Dr HP Aithal (Pr. Scientist), Dr Sanghratna Bahire (Scientist) and Dr Amol Bhalerao (Scientist) from TEC Pune. Dr KN Bhilegaonkar welcomed the guests and participants of the training programme, and briefed about IVRI Pune Centre and the objectives of the course. Dr Panchpor, Chief Guest spoke on the need for specialised training programmes for the practising veterinarians to keep abreast with latest developments. He also expressed satisfaction about the participation from different parts of the country and assured full support of the AH department for the training. Dr HP Aithal, Course Coordinator, briefed about the contents and the conduction of the course, and proposed vote of thanks. The training included lectures, demonstrations and hands-on trainings on different external, internal and external skeletal fixation techniques such as fibreglass cast application, IM pinning, cross IM pinning, interlocking nailing, dynamic compression plating, locking compression plating and external skeletal fixation techniques apart from lectures on basic structure and development of bone, fracture healing and complications. Online lectures were also arranged on anaesthetic and pain management of orthopaedic cases, and principles of interlocking nailing in small animals.



Demonstration of Cross IM pin fixation in a clinical case

Hands-on practice

One day workshop organized by ISVS local chapter of MP and CG

Department of Veterinary Surgery and Radiology, College of Veterinary Science and Animal Husbandry, NDVSU, Jabalpur in association with ISVS local chapter MP and CG organized one day workshop entitled "Interactive Session on Current Trends in Veterinary Surgery" on 3rd December 2021. Technical lectures were delivered on recent topics viz., Advances in Ophthalmic Surgery by Dr. D.B. Patil, Anal gland: Affections and their management by Dr. V.P. Chandrapuria and Tips of Trade: Companion Animal Anaesthesia by Dr. Adarsh Kumar. In addition to this technical session, group discussion was chaired by Dr. J.M. Nigam, Dr. A.P. Singh, Dr. Simrat Sagar Singh and Dr. M. K. Bhargava. Demonstration of B-mode abdominal ultrasonography was conducted by Dr. Adarsh Kumar and ophthalmic ultrasound by Dr. Apra Shahi. Flushing of nasolacimal duct and flushing of anal gland was demonstrated to the participants by Dr. Simrat Sagar Singh and Dr. V.P. Chandrapuria. The workshop was attended by 115 participants including faculty members, field veterinarians and post graduate students.



Group photograph of trainees with the staff and guests



Releasing the training manual



A **CVE programme** was organized by Awadh Pet Practitioners' Association" on 04-05/12/2021 at Lucknow, UP. Dr SP Tyagi, Professor and Head, Department of Veterinary Surgery and Radiology, Dr GC Negi College of Veterinary and Animal Sciences, Palampur conducted multiple interactive sessions comprising of eight lectures covering different aspects of "Basics of Companion Animals' Radiology" in and received an "Appreciation certificate" in this regard.



Dr. Deepak Patil delivering a lecture on ophthalmology



Dr. Adarsh Kumar demonstrating ultrasonography

One day Training Programme under CVE at PGIVAS, Akola

The Department of Veterinary Surgery and Radiology, Post Graduate Institute of Veterinary and Animal Sciences, Akola organized a One day training programme on "General Anaesthetic Procedures in Small Animals" under Continuing Veterinary Education program in collaboration with Maharashtra State Veterinary Council (MSVC), Nagpur on 15th December, 2021 vide Professional Efficiency Development of Veterinary Officers (ACAH/LDO) of State Animal Husbandry Department, Amravati Region, Amravati, and M.V.Sc., Ph. D. students, academic staff members from the constituent Veterinary Colleges of MAFSU, Nagpur, Maharashtra.



Dr. V.P. Chandrapuria demonstrating nasolacrimal duct catheterization

Dr. Shirish V. Upadhye, Director of Instructions and Dean, Faculty of Veterinary Science, MAFSU, Nagpur was Chief Guest, Dr. Sandip Ingle Executive Council Member of MAFSU, Nagpur and Member, Veterinary Council of India, New Delhi and Dr. S. Senthil Kumar were the guests of honor and Prof. Dr. D.G. Dighe, Associate Dean, PGIVAS, Akola presided over the inaugural function. Dr. Milind Thorat, Programme Coordinator narrated the purpose of organizing the training programme during his introductory speech. A training manual was released at the hands of the dignitaries.

During his address to the gathering Dr. Upadhye asserted that, it is very important for Veterinarians to learn new techniques of anaesthesia to be used in Veterinary Practice. This would help them in reducing the pain of the animal and achieving success of Surgery. Dr. Ingle asked trainees to adopt new technologies to hone new skills and apply in regular veterinary practice.

Society of Postgraduates in Veterinary Surgery; Veterinary College Nandi Nagar, Karnataka Veterinary, Animal and Fisheries University, Bidar, Karnataka; conducted one day off-line state level conference on "Fracture management in large and small animals" on 13.11.2021, which was attended by 100 delegates.



Releasing the manual of training



Chief Guest, Dr. Shirish Upadhye, Director of Instructions and Dean, Faculty of Veterinary Science, MAFSU, Nagpur addressing the participants

Dr. S. Senthil Kumar, Dr. Milind Thorat and Dr. Ratnakar Raulkar delivered lectures on various topics during training programme and Dr. S. Senthil Kumar conducted the demonstrations of inhalant anaesthesia in small and large animals as well.



Dr. S. Senthil Kumar demonstrating inhalant anaesthesia in large animals



Dr. S. Senthil Kumar demonstrating inhalant anaesthesia in dog

During valedictory session Dr. V.B. Deshmukh, Dr. Nandkumar Awghad, Dr. Pankaj Ghawat and Dr. Sandipkumar Akhare shared their feedback about the training. Dr. Ratnakar Raulkar conducted the inaugural function and Dr.K.Y.Deshpande proposed vote of thanks. Moreover, Dr.Pravin Bankar conducted valedictory session and Dr.R.V.Raulkar proposed vote of thanks.Dr. C.H. Pawshe, Dr. S.P. Waghmare, Dr. S.V.Kuralkar Dr. S.G. Deshmukh, Dr. M.V. Ingawale, Dr. A.R. Ratnaparkhi, Dr. V.B. Kale and all post graduate students from Department of Veterinary Surgery & Radiology, PGIVAS, Akola helped the coordinator Dr. M.G. Thorat in successful organisation of this training cum demonstration program.

Organization of 5th National Online Clinical Case Conference at Post Graduate Institute of Veterinary and Animal Sciences, Akola

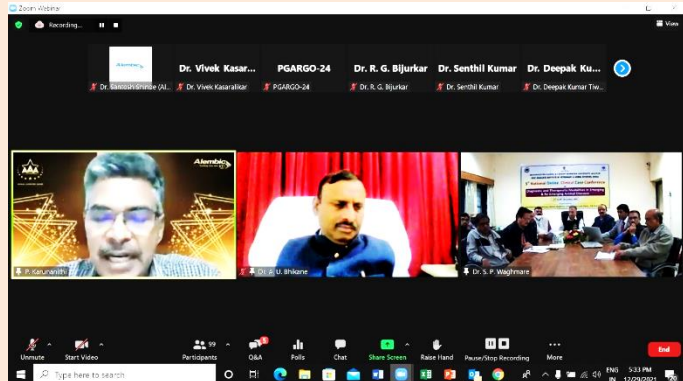
Post Graduate Institute of Veterinary and Animal Sciences, Akola, a constituent college of MAFSU, Nagpur organized the 5th Online National Clinical Case Conference on “*Diagnostic and Therapeutic Modalities in Emerging & Re-emerging Animal Diseases*” during 27th- 29th December, 2021. The event was organized under the Chief Patronage of Col. (Dr.) Prof. A. M. Paturkar, Hon’ble Vice Chancellor, MAFSU, Nagpur. The said Conference was inaugurated at the hands of Prof. Dr. N. P. Dakshinkar, Hon’ble Vice-Chancellor, Shri Vasudev Chandrakar Kamdhenu Vishwavidyalaya, Anjora, Durg (CG) in the gracious presence of Prof. Dr. S.V. Upadhye, DI and Dean, Faculty of Veterinary Science, Prof. Dr. N.V. Kurkure, Director of Research, and Prof. Dr. A.U. Bhikane, Director of Extension Education of the MAFSU Nagpur. On this occasion , the e-Compendium was released at the hands of Chief Guest.



Dr. Kishor Pajai, Organizing Secretary presented the welcome address and narrated about the outline of programme, details of presentation competition scheduled during various technical sessions of the conference. Prof. Dr. D.G.Dighe, Associate Dean, PGIVAS, Akola and Chairman of the organizing committee presided over the inaugural event of the conference. The three-day conference was consisting of Technical Sessions on Veterinary Medicine, Veterinary Surgery and Radiology, Veterinary Gynaecology and Obstetrics, and Veterinary Paraclinical and Diagnostics, wherein more than 284 participants registered themselves for the conference. However, 102 undergraduate and 107 postgraduate students presented their Clinical Case Papers through online platform provided by knowledge partner Alembic Pharmaceutical India Ltd.

The Guest speakers Dr J. P. Varshney, Former Principal Scientist, Division of Medicine, IVRI, (UP); Prof. Dr. G. N. Purohit, Former Dean, Post Graduate Studies Rajasthan University of Veterinary and Animal Sciences Bikaner Rajasthan; Dr. Samir Raval, Assistant Professor, Department of Vet. Pathology, College of Veterinary Sciences and Animal Husbandry, Gujarat; Dr. D.B. Patil, DR & Dean, PGS, Kamdhenu University, Gandhinagar, Gujarat presented lead papers on various topics during their respective sessions and enlightened knowledge of participants.

For Veterinary Medicine session Hon'ble Jury members were, Prof. Dr S.K. Raval (AAU, Anand); Prof. Dr Vivek Kasaralikal (KVFSU, Bidar); Prof. Dr Satish Kumar (PVNRTVU, Hyderabad), for Veterinary Gynaecology and Obstetrics session Dr B.N. Suthar (SDAU, Sardarkrushinagar); Dr R.G. Bijurkar (KAFSU, Bidar) and Dr. Raju R. Shelar (MAFSU, Nagpur), for Para-clinical session Prof. Dr Kuldip Gupta, (GADVASU, Ludhiana); Dr Anju Nayak, (NDVSU, Jabalpur); Dr. K. Kundu, (BHU, Mirzapur) and for Veterinary Surgery and Radiology session Prof. Dr. Adarsh Kumar (CSKHPKV Palampur); Dr. S. Senthil Kumar, (TANUVAS, Thanjavur) and Dr. Deepak Kumar Tiwari (LUVAS, Hisar), respectively. After completion of all sessions, most of the hon'ble jury members offered their remarks for the future betterment of the participants and few suggestion to the organizer. During valedictory session, Prof. Dr. A. U. Bhikane, Director of Extension Education of the MAFSU, Nagpur graced the programme as Chief Guest and Mr. P. Karunanithi, Alembic Pharmaceuticals Ltd. was the guest of honor. Prof. S.P. Waghmare, Co-chairman of this conference presented the report of conference. Dr. M.V. Ingawale, Co-organizing Secretary declared the results of the competition and congratulated the meritorious students on behalf of the organizing committee. In each technical session under UG and PG category 3 students were awarded with Medal and Certificates for their best clinical case paper presentation. Chairman of this event Prof. Dr. D.G. Dighe, addressed his concluding remarks At the last, Organizing Secretary, Dr. Kishor Pajai proposed vote of thanks towards all the Patrons, Chief Guests, Lead Speakers, Jury members, Knowledge Partner, faculty members and student participants. Prof. Dr. Chaitanya Pawshe, Prof. Dr. Milind Thorat, Dr. S.G. Deshmukh, Dr. R.V. Raulkar, Dr. P.S. Kuralkar, Dr. K.Y. Deshpande, Dr. G.J. Panchbhai, Dr. R.S. Ingole, Dr. S.W. Hajare, and Dr. Bhupesh Kamdi exerted for successful organization of this event.



WEBINARS

Dr. Jitender Mohindroo, Professor, Department of Veterinary Surgery & Radiology, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana delivered two expert lectures / Webinars on “*Small Animal Ultrasound - Basics*” and “*Small Animal Ultrasound - Advanced*” organized by Delhi Govt.



Dr. Jitender Mohindroo, Professor, Department of Veterinary Surgery & Radiology, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana delivered International Veterinary Webinar on “*Ultrasound of Abdomen in Small Animals – Essentials for making a correct diagnosis*” organized by Indian Veterinary Association.

Dr. Arun Anand, Professor, Department of Veterinary Surgery & Radiology, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana delivered a Webinar on “3D printing for Dental applications of Veterinary Patients” during the QIP (Quality Improvement Program) sponsored short training course on “4D printing for smart manufacturing” organized by National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh.



Dr. Arun Anand, Professor, Department of Veterinary Surgery & Radiology, GADVASU, Ludhiana was invited by Indian Institute of Technology (IIT), Kanpur (UP) to deliver an expert lecture/Webinar on the topic of “*Advances in Metal and Multi material 3D Printing*” during AICTE Training and Learning (ATAL).

Dr. Ashwani Kumar, Professor, Department of Veterinary Surgery & Radiology, GADVASU, Ludhiana delivered an expert lecture on “3D printing for orthopaedic applications in veterinary patients” during the QIP (Quality Improvement Program) sponsored short training course on “4D printing for smart manufacturing” (June 28 to 03 July, 2021), organized by National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh.



Dr. Amit Kumar, Assistant Professor, Department of Veterinary Surgery and Radiology, Dr GC Negi College of Veterinary and Animal Sciences, Palampur delivered lectures and held an interactive session on “*Rigid endoscopic procedure in dogs with special reference to rhinoscopy and otoscopy*” on 16th October, 2021 in a webinar sponsored by Karl Storz India Limited.



RETIRALS

Dr. Ashok Kumar, Professor and Head, Department of Veterinary Surgery and Radiology, College of Veterinary Sciences, Lala Lajpat Rai University of Veterinary and Animal Sciences, Hisar (Haryana) superannuated on December 31, 2021 after a glorious service of thirty three years.



Dr. Ashok Kumar started his career as an Assistant Professor in the Department of Surgery and Radiology, College of Veterinary Sciences, CCS HAU, Hisar on 2nd January 1989. He has made a significant contribution in the field of veterinary education and research particularly veterinary anaesthesiology and surgery. He has guided two Ph.D. and eighteen M.V.Sc. students. He has prepared nine practical manuals for under graduate students in addition to computer aided instructional material for under graduate and post graduate teaching, edited five training compendia on ultrasonography, anaesthesia and large animal practice and contributed many chapters in these compendia. He has also contributed seven chapters in text books on Veterinary Surgery and Radiology. He introduced the use of multimedia in P.G. teaching. He has made significant contribution in designing and updating of curriculum for Post Graduate studies in Veterinary Surgery and Radiology, and transforming course curriculum of Under Graduate studies (Surgery and Radiology) into working course outline. He has also designed Course Curriculum for Diploma in Veterinary Laboratory Technology. He was Course Director of one training on computer applications, ICAR Summer School and Coordinator for number of trainings and delivered lectures in various trainings and short courses. He has received a “**Certificate of Appreciation**” for good attainment and active participation in short course on diaphragmatic herniorrhaphy in bovines, organized by the department. He has been Principal Investigator of an ICAR ad hoc Research Scheme “*Evaluation of Efficacy and Safety of Preanaesthetics and Anaesthetics in Buffaloes*” and a Government of Haryana state scheme “*Studies on Management of Surgical Disorders in Domestic Animals*” and three RKVY schemes worth six crores. He has contributed significantly in the field of anaesthesia and analgesia and particularly in the formulation of balanced anaesthetic protocol for diaphragmatic herniorrhaphy in buffaloes which has significantly increased the survival rate of such patients. He has 272 publications to his credit. He has attended three international and a number of national conferences and symposia and presented several research papers. He has been bestowed with the **Nation Builder Award 2020** by Rotary International District 3090 (Hisar) on the occasion of Teachers Day, September 05, 2020. He has been awarded the **Fellowship of Indian Society for Veterinary Surgery**. He has the distinction of receiving “**Best Teacher Award**” twice (Sponsored by Indian Council of Agricultural Research, New Delhi), first for the year 2005-06 (CCS HAU, Hisar) and second for the year 2015-16 (LUVAS, Hisar). He is recipient of **Gold Medal** and **Appreciation Certificate** for research papers presentation in Indian Society for Veterinary Surgery and “**Certificate of Honour**” by Haryana Agricultural

University Teachers’ Association for his contribution in teaching and research. He is also a recipient of “*Scholarship by European College of Veterinary Anaesthesia and Association of Veterinary Anaesthetists, 2003*”, and *International Travel Grants* from National Academy of Agricultural Sciences, New Delhi, 2003, Indian National Science Academy, New Delhi, 2003, Indian Council of Agricultural Research, New Delhi, 2003 and Department of Science and Technology, New Delhi, 2006 to attend international conferences.

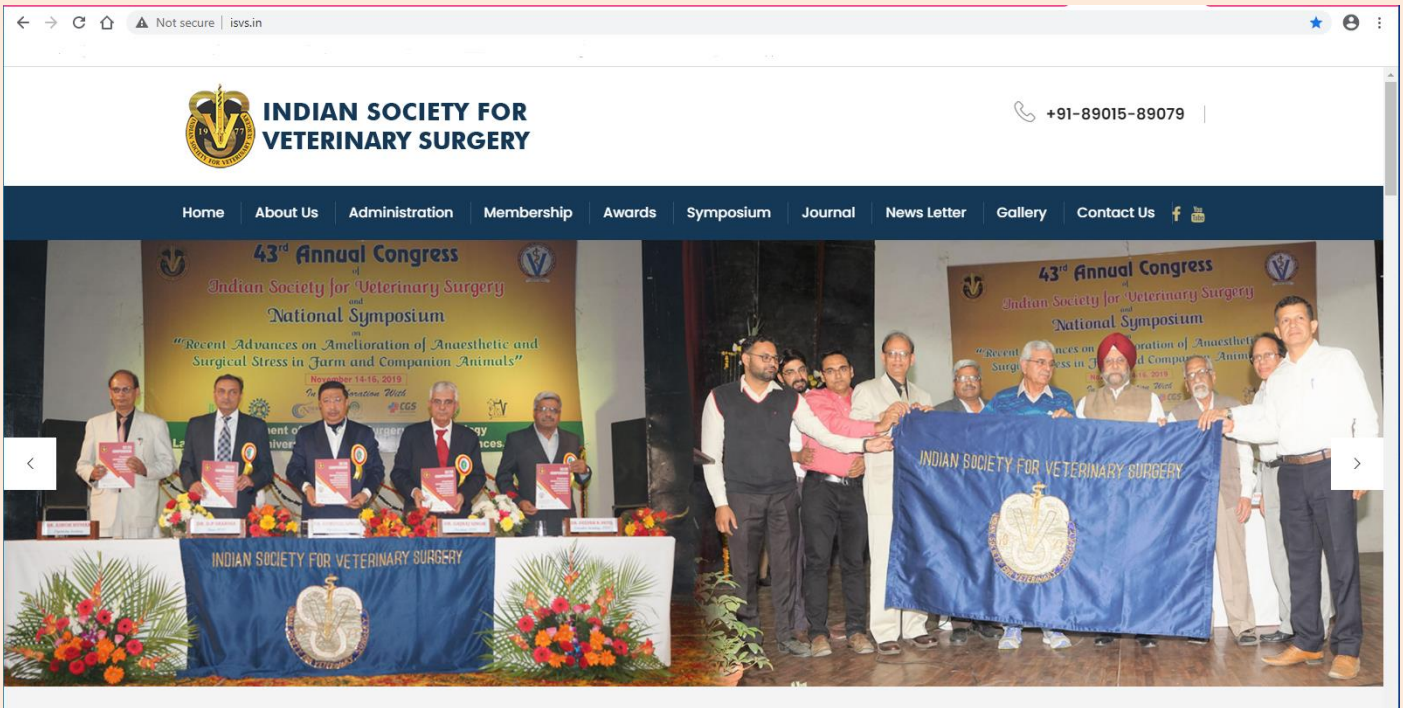
He has been taking active part in extension activities also such as organization of clinical camps in rural areas of the state, Kisan melas, and exhibitions. He served as Hostel Warden for two years and made significant contribution in the welfare of students. He has been actively involved in dramatics, music and literary activities in the college and university. He is serving as advisor to various cultural clubs and literary societies and assisted in organizing various cultural programmes including intervarsity youth festivals. He is also a recipient of “**Certificate of Appreciation**” from Dean of the college for conducting ‘*All India Inter Veterinary Youth Festival, Synapses 98*’. He is on the *panel of reviewers* of Indian Journal of Veterinary Surgery, Indian Veterinary Journal, Indian Journal of Veterinary Research, Haryana Veterinarian, Indian Journal of Animal Science and some online journals. He is also on the panel of examiners of several universities and institutes. He is life member of many national scientific societies namely ISVS, IAAVR, ISVPT, NAVS, ISACP, Indian Society of Agribusiness Professionals, Haryana Agricultural University Alumni Association, Haryana Veterinary Council. He has been *Chairman and Co-chairman* in various technical sessions of Indian Society for Veterinary Surgery and Indian Society of Veterinary Pharmacology and Toxicology conferences.

He organized Annual Congress of the Indian Society for Veterinary Surgery and National Symposium at Hisar in November 2019, which was attended by more than 400 delegates from India and three delegates from abroad. Dr. Ashok Kumar was the Organizing Secretary of the congress. He has also been elected as the *Vice-President of Indian Society for Veterinary Surgery*. He is also looking after the job of updating the ISVS website. He is the *Editor* of the official Newsletter of the ISVS, “**THE SYNAPSES**”.

He worked as Head, Department of Surgery and Radiology, College of Veterinary Sciences, LUVAS, Hisar, Haryana since March 22, 2016 till his retirement. In addition, he also served as University Librarian for more than three years. He has given a new dimension to the department and the University Library and added a number of modern facilities in the department. He was instrumental in establishment of the state-of-the-art Computer Lab of the College and served as Incharge for more than six years. He was the Chairman of Institutional Animal Ethical Committee. He was also member of Academic Council of University and Board of Studies of the college along with many other committees.

The Indian Society for Veterinary Surgery wishes Dr. Ashok Kumar a very happy, prosperous, safe and helthy retired life.

Please visit the Web site, facebook page and YouTube Channel of the society for updates



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