

THE SYNAPSES**ISVS NEWSLETTER****Editor: Ashok Kumar****Associate Editor: Deepak Kumar Tiwari****In this Issue**

- Editorial
- Surgically Speaking....
- Awards / Honours / Recognitions
- Upcoming Events
- Conferences/ Symposia / Workshops/ Seminars/ Trainings
- Retirement
- Remembrance

EXECUTIVE COUNCIL**ADVISOR****Dr. A.P. Singh****PRESIDENT****Dr. B. Rameshkumar****VICE-PRESIDENT(S)****Dr. Shirish V. Upadhye****Dr. Indramani Nath****Dr. Jitender Mohindroo****Dr. (Capt.) Ravi Raidurg****Dr. Anil Kumar Gangwar****EXECUTIVE SECRETARY****Dr. D.B. Patil****ADDITIONAL SECRETARY****Dr. Adarsh Kumar****JOINT SECRETARY****Dr. R.N. Chaudhary****TREASURER****Dr. Deepak Kumar Tiwari****ZONAL SECRETARIES****North: Dr. Hans Raj Bhardwaj****South: Dr. N.V.V. Harikrishna****Central: Dr. P.D.S. Raghuvanshi****West: Dr. S.K. Jhirwal****East: Dr. Md. Moin Ansari****North East: Dr. Dwijen Kalita****From the Escrioire of Advisor**

Dear Members,

At the outset; wishing all members and their families 'Happy, Healthy and Pleasing 2025'

I am happy that the January edition of The Synapses highlighted the entire activities of ISVS during the past six months. During this period, a number of meetings were held to discuss various issues to strengthen the society. It is a matter of great pleasure and great satisfaction that the 47th Annual Congress of Indian Society for Veterinary Surgery and National Symposium on "Advances in Domestic and Wild Animal Surgery with special reference to Elephants" was successfully organized by Dr. K.K. Sarma, Professor and Head, Department of Surgery and Radiology, College of Veterinary Science, Assam Agricultural University, Khanapara, Guwahati, Assam during December 18-20, 2024. I congratulate Dr. K.K. Sarma and his team for holding such a splendid conference. I extend my sincere thanks to all the members for the continued support and participation in the society activities.

**Dr. Ambika Prasad Singh****From the Desk of President**

Greetings, Fellow Surgeons,

As we approach the New Year 2025, I extend my heartfelt gratitude to each member of the Indian Society for Veterinary Surgery for their unwavering dedication and commitment to advancing the field of veterinary surgery in India. This past year has been marked by significant strides in our collective pursuit of excellence. The ISVS has continued to provide a platform for knowledge sharing, collaboration, and professional development, fostering a vibrant community of veterinary surgeons across the nation. The recent 47th ISVS Annual Congress and National Symposium on "Advances in Domestic and Wild animal Surgery with special reference to Elephants" at College of Veterinary Science, Kanapara, Guwahati, Assam was a resounding success with more than 500 delegates from all over India bringing together leading experts, young surgeons, and veterinary professionals from diverse backgrounds. The conference featured insightful lectures, scientific paper presentations by the delegates, engaging workshops, and lively discussions, providing invaluable opportunities for learning and networking. The ISVS Local chapter of Uttar Pradesh organised an International Conference on Human-Veterinary Oncology 2024 at BHU, Varanasi on 21st August, 2024. These initiatives have ensured that our members stay abreast of the latest advancements in Human-Veterinary Oncology by a series of lectures by the experts in Human and Veterinary oncology. The society has continued to nurture the next generation of Research workers through its mentorship programs by jointly organising an online workshop in collaboration with Training and Education centre "ICAR-IVRI, Pune, (Maharashtra) on "How to write a research paper" on 18th October, 2024 connecting experienced professionals Dr. H.P. Aithal and Dr. Amol K Bhalerao with more than 1000 aspiring young research workers from all over India. This program has proven invaluable in providing guidance, support, and practical experience to aspiring research workers. The ISVS has actively engaged in advocacy efforts to promote the importance of veterinary surgery and animal welfare. Through collaborations with government agencies, animal welfare organizations, and the media, we have raised awareness about the critical role of veterinary surgeons in safeguarding animal health and well-being.



As we embark on a new year, the ISVS remains committed to its mission of advancing veterinary surgery in India. We will continue to provide our members with the resources, support, and opportunities they need to excel in their profession. We will also strive to expand our reach and impact, collaborating with other veterinary organizations and stakeholders to address the evolving challenges facing animal health and welfare. I encourage all members to actively participate in the activities of the ISVS, share their expertise through this Newsletter and our Website, and contribute to the growth of our society. Together, we can build a stronger, more vibrant community of veterinary surgeons dedicated to providing the highest quality of care to animals in India.

Best wishes for Happy and prosperous New Year**Dr. B. Rameshkumar****From Executive Secretary Pen**

Dear Members,

Wishing all a very Happy and Prosperous New Year 2025.

Indian Society for Veterinary Surgery is making efforts to evolve as per the changing ecosystem of veterinary surgery in India. There is need to add novel ideas in order to make the symposia technically exciting and the website and Newsletter more vibrant. The ISVS has introduced 'Epignosis' (details on the website) which again demands effective cajoling by the heads of departments and major advisors for improved participation. Regarding Travel Grant for students (details on website), the corpus is not handsome to implement. I fervently request members to contribute minimum Rs. 5,000/-, which will facilitate its implementation from 48th ISVS Symposium at BHU, Varanasi.

Once again, I request all members to contribute towards the progress of the society.

Stay safe and healthy.

**Dr. Deepak B. Patil**

To begin with, I extend my earnest greetings and best wishes to all members of the society and their families for the happy, prosperous and healthy 2025, may this year bring all happiness to your life and achieve greater heights in your professional carrier. Recently, the 47th Annual Congress of Indian Society for Veterinary Surgery and National Symposium on “*Advances in Domestic and Wild animal Surgery with special reference to Elephants*” was organized at College of Veterinary Science, Kanapara, Guwahati, Assam. It was really a splendid accomplishment with more than 500 delegates from all over India congregating top experts, specialists, budding veterinary surgeons and professionals. The conference was marked with the lectures, scientific paper presentations by the delegates, workshop on elephant health care and deliberations, providing invaluable opportunities for learning and exchanging views. It was due to Ashirwad of Maa Kamakhya that people gathered at Guwahati from all parts of country including from Malaysia also. I congratulate Dr. K.K. Sarma, Organising Secretary and his team for holding the splendid ISVS-2024 and meeting the expectations of all. The 48th Annual Congress of Indian Society for Veterinary Surgery (ISVS) and National Symposium is on the cards at Banaras Hindu University, Varanasi, Faculty of Veterinary & Animal Science, Rajiv Gandhi South Campus (RGSC), Barkachha, Mirzapur. I am sure that with the blessings of Bhole Nath, this conference will also be a grand event like all previous ones and a fabulous experience for everyone.



I am delighted to meet you all through the newsletter, designed to keep you updated on the latest developments, advancements, and insights in the field of veterinary surgery. Through this newsletter, we aim to foster knowledge sharing, professional growth, and collaboration among our esteemed members. As we know, the word Synapses are the junction between nerve cells impulses pass by diffusion of a neurotransmitter. So, the Newsletter acts as a neurotransmitter among the members of the society to communicate the impulses of disciplines of surgery viz., anaesthesia, diagnostic imaging, orthopaedics, dentistry, ophthalmology etc. I am confident that the

Newsletter definitely be able to develop new relations not only at the professional level but at personal and social front also; come forward and take the lead to share significant information about, awards, achievements, new research projects, innovations, prospective technologies, appointments/fellowships, foreign visits, news makers, retirement, farewell, remembrance etc. I express my deep gratitude to all members of ISVS and executive council for their endless and earnest efforts to disseminate knowledge to the surgeons by organising conferences, webinars and trainings, and service to the society particularly the farmers. But, I donot understand that why I get very little information about these activities and one thing that hurts me that people post the photographs and text on different social media plateforms. Let us act very proactively and contribute to the strengthen our Newsletter.

Lastly, with deep grief and sorrow; I have some sad news that Prof. G.V. Lakshmipathy passed away on 28.11.2024. He was pioneer in acupuncture anesthesia and analgesia in different species of animals which made revolutionary changes in veterinary practice. He was a person with dedication, sincerity, and industrious. His demise is a great loss to the ISVS and the surgery discipline. May the departed soul rest in peace in heavenly abode.

Dr. Ashok Kumar

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

ISVS Website

<http://www.isvs.in/>

ISVS Facebook Page

<https://www.facebook.com/indiansocietyforveterinarsurgery/live/>

ISVS YouTube Channel

<https://www.youtube.com/channel/UCxED3ZT3u0APFy3fXXvb0-w>

Reflecting on the journey from a veterinary surgeon to a nutrition scientist is like tracing a path laden with discoveries, transformations, and aspirations. Graduating from Bombay Veterinary College in 2004 was the first milestone. Pursuing a Master in Veterinary Surgery and Radiology under Dr. DB Patil at Anand Veterinary College by 2006, he felt equipped to delve deeper into surgical field. However, it was his PhD that truly broadened his horizon. During his Master's at Anand Veterinary College, he gained invaluable experience in interventional radiology. Working on rabbit and dog models for antegrade external iliac artery stenting in rabbits and retrograde renal artery stenting in dogs not only honed his anesthesia and surgical skills but also taught him crucial troubleshooting techniques. Establishing these complex models laid the groundwork for successful experiments and significantly enhanced his technical expertise. In 2008, he developed a pioneering wet lab model for Endourology residents, revolutionizing renal pyeloplasty training. This success fueled his passion for innovative methodologies. He contributed to standardizing procedures across various medical domains, including cataract surgery in dogs and interlocking nails for canines. A significant breakthrough came in 2012 when he was part of a team that created the world's first tissue-engineered vein and trachea scaffold, a feat that was published in *The Lancet*. This achievement underscored his drive to innovate and explore new frontiers in medical science. His journey took an exciting turn when he joined Gothenburg University as a research associate. He was appointed to set up a biobank for transplantation patient samples and aborted fetal tissues. Working within a diverse team of experts from electronics, electrical engineering, computer science, nursing, surgery, cell biology, statistics, stem cell biology, and imaging, he found his niche in an interdisciplinary translational tissue engineering laboratory. He was involved in finding suitable models, developing surgical protocols, and implanting tissues or scaffolds to create clinical products. Additionally, his expertise in large-scale cell cultures supported tissue culture and bioreactor development, driving innovation and progress. In 2015, he developed Autosense Tissue Engineering Bioreactors and bubble trappers, further advancing tissue engineering technology. His collaborative efforts with the Cleveland Clinic Surgical Team in 2016 led to a modified protocol for uterus transplantation in baboons, highlighting the importance of comprehensive health approaches. His time at the Mannheimer Foundation in Florida as a fellow in nonhuman primate medicine and management was particularly transformative. He refined his methodology in veterinary science, embracing problem-based learning. Utilizing corpses for surgical training, planning weekly tasks, assigning duties in advance, and ensuring transparent communication and teamwork were integral aspects of his training. This experience honed his leadership and organizational skills, reinforcing the importance of meticulous planning and clear communication in research and clinical settings.



In 2018, he played a pivotal role in establishing India's first monkey research GLP facility and a protocol for vaccine testing in nonhuman primates, including conducting stereotaxic surgery for vaccine development. This experience, combined with his work on public health nutrition through field surveys in three states, solidified his resolve to explore the nexus between nutrition and overall health. In his quest for holistic health solutions, he has been part of numerous nutrition research projects. Utilizing advanced radiology techniques like IVIS imaging, DEXA scans, and surgical models has enriched his understanding of how nutrition impacts health at a cellular level. Despite these achievements, he found that nutrition-based research might be more impactful than tissue engineering. Therefore, he is currently working on his hypothesis that non-food based nutrients are the main culprits for malnourishment. His experiments are providing supportive results, and he is hopeful to come up with solutions soon. Nutrition is the pillar of human and animal health, and his background in surgical techniques enhances his perspective in diagnosis and research. The confidence gained from performing surgical analyses helped him dissect problems and bring solutions closer to reality, emphasizing the translational aspect of research. The medical field often lacks basic research or animal model knowledge, and basic scientists are inadequately equipped to leap into translational research. However, being a veterinary surgeon provides him with an extra edge to understand human health issues and interpret animal studies in an unbiased manner. This understanding of animal behavior and logical conduct of experiments makes his research more reproducible and insightful.

What does the future hold? His goal is to integrate his expertise in veterinary medicine and nutrition science to contribute to the One Health Concept, emphasizing the interconnectedness of human, animal, and environmental health. As he continues to explore policy development to strengthen national health frameworks, his journey reflects a relentless pursuit of knowledge and innovation. The field of veterinary surgery has been instrumental in shaping his career, offering unparalleled opportunities to develop surgical techniques, enhance diagnostic skills, and contribute to groundbreaking research. Its profound impact on both animal and human health cannot be overstated, and it remains a cornerstone of his professional identity and aspirations.

In essence, his transformation from a veterinary surgeon to a nutrition scientist has been driven by a profound commitment to understanding and improving health through interdisciplinary approaches. The future looks promising as he aims to make significant contributions to both veterinary and human health sciences.

Dr. Pradeep Bhatu Patil

*Attending Veterinarian and Scientist D
ICMR-National Institute of Nutrition, India
E-mail: vetdrpadip@yahoo.com*

AWARDS / HONOURS / RECOGNITIONS

Prof. Naresh Kumar Singh, Dean, Faculty of Veterinary and Animal Sciences and Prof. Kuldeep Kumar Panday, Head, Department of Sangyahan, Faculty of Ayurveda, Institute of Medical Sciences were honoured with Fellow award by Bio-Bank India Foundation Cancer Care (BBIFCC) during the International Conference on Human-Veterinary Oncology (HVO) 2024 was organized by the Indian Society of Veterinary Surgery-UP Chapter jointly with Bio-Bank India Foundation Cancer care on 21st August, 2024.



Dr. S.K. Jhirwal, Assistant Professor, RAJUVAS, Bikaner was felicitated on 19.12.2024 by Hon'ble Secretary Animal Husbandry, Fisheries and Gopalan, Govt. of Rajasthan for excellent services in the field of Veterinary Science



Prof. Md. Moin Ansari, University Professor and Head, Department of Veterinary Surgery and Radiology, Bihar Veterinary College, Bihar Animal Sciences University, Patna, was awarded Dr. C.M. Singh “Shalihotra” Pratibha Samman and Lifetime Achievement Award in recognition of his extraordinary contributions in the field of Veterinary profession and unwavering dedication in the development of livestock sector in India for the year 2024 on the occasion of Indian Veterinary Doctor’s Day, 30th November, the Birthday of Dr. C.M. Singh.



UPCOMING EVENTS

48th Annual Congress of Indian Society for Veterinary Surgery and National Symposium will be organized by the Department of Veterinary Surgery and Radiology, Faculty of Veterinary & Animal Sciences, Institute of Agricultural Sciences, Rajiv Gandhi South Campus Barkachha, Mirzapur, Uttar Pradesh.



WORKSHOPS/ TRAININGS/ CONFERENCE/ SYMPOSIA/ CONVENTIONS/ SEMINARS

The 47th Annual Congress of Indian Society for Veterinary Surgery was held at College of Veterinary Science, AAU, Khanapara, Guwahati from 18th to 20th December, 2024. A total of 495 delegates attended the symposium. The present ISVS Symposium was held at Guwahati after 37 years from the last ISVS Symposium held in the same venue under the leadership of late Prof. S. C. Pathak which was held in the year 1987. Padmashree Dr. Kushal Konwar Sarma, Professor and Head, Department of Veterinary Surgery and Radiology, College of Veterinary Science, Guwahati, Assam was the Organizing Secretary of the ISVS-2024 Symposium. The Scientific Theme for the 47th Annual Congress of Indian Society for Veterinary Surgery and National Symposium was fixed as *“Advances in Domestic and wild animal surgery with special reference to Elephants”*. This theme was decided considering the importance of the elephants in this part of the country and interest of the young surgeons to learn about health concerns of elephants and approaches for their treatment. With the request of large number of young delegates, a post conference hands on training programme was also arranged with the camp elephants of Pobitora Wildlife Sanctuary which is about 60 km away from the college. The inaugural session was held at the Srimanta Shankardev International auditorium located at Panjabari. Mr. M.K. Yadava, Special Chief Secretary (Environment & Forests), Government of Assam and Dr. A.C. Baishya, Principal, Guwahati Medical College, Guwahati were the Chief Guest and Guest of the Honour, respectively, for the inaugural function. Dr. Bibhav Kumar Talukdar a noted environmentalist and conservationist delivered the Dr. P.E. Kulkarni Oration lecture. The technical sessions were held in succeeding days of the seminar in the college campus. Large and Small animal poster sessions were held in physical mode.



The International Conference on Human-Veterinary Oncology (HVO) 2024 was organized by Indian Society of Veterinary Surgery-UP Chapter jointly with Bio-Bank India Foundation Cancer Care on 21st August, 2024 with a distinguished inaugural session at the Prof. K.N. Udupa Auditorium, Institute of Medical Sciences, Banaras Hindu University. Prof. Naresh Kumar Singh, Organizing Secretary, welcomed the esteemed gathering, emphasizing the importance of bridging the gap between human and veterinary oncology for improved health outcomes. He highlighted the conference's theme, *"Bridging the Gap: Veterinary and Human Oncology in Concert for Improved Health"* and expressed his hope for fruitful collaborations and knowledge exchange among participants. Following the welcome address, Prof. Ambika Prasad Singh, Advisor, Indian Society for Veterinary Surgery, delivered a thought-provoking speech on the significance of interdisciplinary research in advancing oncology. He emphasized the need for collaboration between human and veterinary oncologists to accelerate progress in cancer treatment and prevention. Dr. Amarpal, Convener of the ISVS-UP Chapter, then addressed the audience, highlighting the challenges faced in treating cancer in both humans and animals. He emphasized the importance of early detection, advanced diagnostics, and personalized treatment approaches. The inaugural session concluded with a presidential address by Dr. B. Rameshkumar, President, Indian Society for Veterinary Surgery. Dr. Kumar emphasized the critical role of veterinary oncology in improving animal health and its potential to contribute to human cancer research. He called for increased collaboration between human and veterinary oncologists to accelerate advancements in the field. Renowned experts from across the country shared their invaluable insights. Dr. Shashikant C.U. Patne (Tata Cancer Memorial Centre), a pioneer in oncopathology, emphasized the critical role of pathologists in selecting optimal immunotherapy candidates. Prof. Naresh Kumar Singh (Prof. of Vety. Surgery) shed light on the complex biology of cancer stem cells and their implications for treatment. Dr. Vinod Tiwari (Prof. of Pharmaceutical Engineering) presented groundbreaking research on the management of chemotherapy-induced neuropathic pain, a debilitating side effect of cancer treatment. Dr. Amarpal (Principal Scientist of Vety. Surgery) offered valuable insights into canine lymphoma, highlighting the need for advanced diagnostic and therapeutic strategies. Dr. Birendra Kumar Yadav (Director-BBIFCC) underscored the significance of biobanks in accelerating cancer research and prevention. Drs. Ashwini Kumar Singh (Joint Commissioner-CCS National Institute of Health) discussed the potential of cancer vaccines and the crucial role of animal models in vaccine development. Prof. K.K. Pandey (Prof. of Sangyahan) explored the integration of Ayurveda in cancer management, emphasizing its holistic approach to patient care. Dr. Sunil Choudhary (Prof. of Radio-diagnostics) provided a comprehensive overview of the evolution of radiotherapy, highlighting its precision and efficacy in cancer treatment. Dr. Noopur Desai (Leading practitioner of CANCER VET) emphasized the importance of comparative oncology, showcasing how studying canine cancers can inform human cancer research. Dr. Pralay Maiti (Prof. of Material Science) discussed on Controlled Drug Delivery for Better Cancer

Treatment. Dr. Lalita Wadhwa (Prof. of Congenital Heart Surgery), Baylor college of Medicine, U.S.A and Dr. Arun HS Kumar (Director-STEMCOLOGY- University of Dublin, Ireland) presented their research on the role of SERPINE1 in glioblastoma and the potential for new therapeutic targets.

The HVO 2024 conference served as a platform for researchers, clinicians, and veterinarians to network, share ideas, and explore potential collaborations. The organizers expressed their hope that the conference will catalyze further research and development in human and veterinary oncology, leading to improved outcomes for both humans and animals.





The Department of Surgery and Radiology, Mumbai Veterinary College, Mumbai in association with Department of General Surgery, Seth G. S. Medical College and KEM Hospital, Mumbai organized a first of its kind hands on training programme on "Coping with the Scope" on 08.08.2024 for the resident doctors of SGSMC and KEMH. A total of 14 residents participated in this first such collaborative endotrainer workshop on basic skills in laparoscopy for the resident doctors. The Chief Guest of the inaugural function was Dr. Sangeeta Ravat, Dean, Seth GSMC and KEM hospital while Dr. S.U. Gulavane, Associate Dean, MVC presided over the function. Dr. Varsha Kulkarni, Professor and Head, Department of General Surgery was the Organizing Chairman, Dr. Samir Deolekar, Professor and Head was the Organizing Secretary, Dr. Mandar Kokane, Assistant Professor was Joint Organizing Secretary while Dr. Mahadeo Garale, Associate Professor SGSMC and KEMH was the Treasurer. Dr. Abhay Dalvi, Former Professor, Department of General Surgery SGSMC and KEMH was Special Guest Faculty for this training. Dr. S.D. Tripathi, Assistant Professor, VSR, was the Course Director. Dr. G.S. Khandekar, Professor and Head, VSR, was the Convenor for this programme. Dr. G.U. Yadav, Dr. S.V. Gaikwad and Dr. R.R. Rohi, Assistant Professor(s), VSR acted as Co-ordinators for this unique workshop. This was a beginning of a special collaboration between Human and Veterinary Surgeons fulfilling the One-Health concept towards a better health for all living beings. The staff and residents of Seth GS Medical College and KEM hospital were highly appreciative of the excellent, state of art facilities available at the Department of Surgery and Radiology, due to the visionary efforts of Dr. G.S. Khandekar, incumbent Professor and Head, VSR and Dr. L.B. Sarkate, Former Professor and Head, VSR and Former Registrar, DI and Dean (MAFSU) to establish this centre and expressed their desire for fruitful future collaborations as well. It was indeed a coming together of the two banks of the river of health for all.

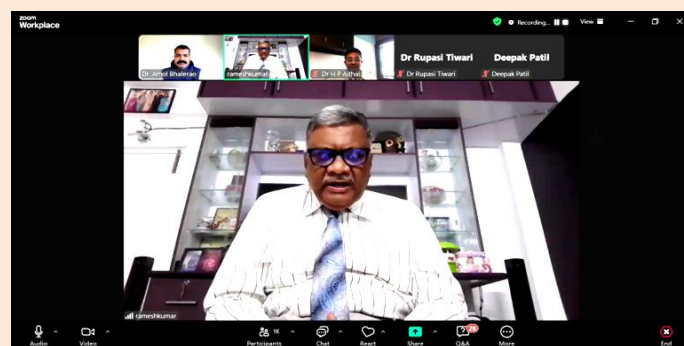




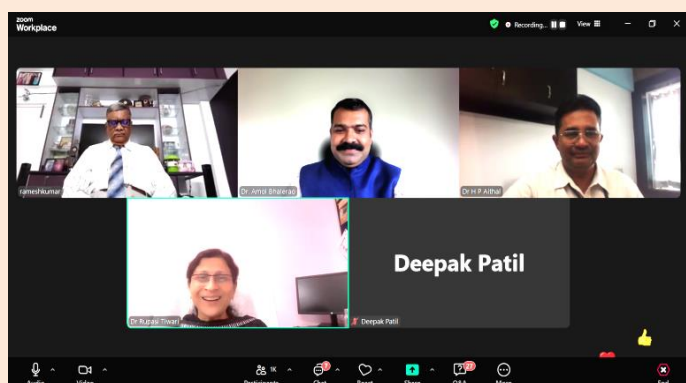
The inaugural session was graced by Dr B Rameshkumar, President, ISVS, and Dr Rupasi Tiwari, Joint Director (Extension Education), ICAR-IVRI, Bareilly. At the outset of the workshop, Dr HP Aithal, Station In-charge TEC, ICAR-IVRI Pune, welcomed the esteemed guests and provided a comprehensive overview of TEC's activities. He set the context for the workshop by highlighting its critical importance in today's fast-paced, knowledge-driven world, where research plays a pivotal role in driving innovation and development, particularly in fields such as agriculture and veterinary science. He acknowledged that many young researchers often struggle with the complexities of writing scientific papers that meet the rigorous standards of peer-reviewed journals. Challenges such as structuring research articles, adhering to ethical guidelines, and navigating the publication process can be overwhelming for new scholars. This workshop, he explained, was designed to address these gaps by offering a practical, hands-on experience that would equip participants with the essential skills required to excel in academic publishing. Thereafter, Dr Rupasi Tiwari, in her opening address, expressed immense pride in the overwhelming participation and commended the TEC, IVRI Pune team, for their commitment to researcher empowerment. She emphasized the importance of disciplined reading and writing practices, urging participants to make the most of their free time by continuously refining their academic writing skills. Dr Tiwari underscored that strong writing is the backbone of a successful scientific career, and platforms like this workshop are crucial in shaping future thought leaders in research. Dr B Ramesh Kumar, President of ISVS, echoed her sentiments, applauding TEC, IVRI Pune's proactive role in bringing together such a diverse and motivated group of participants. He emphasized that this kind of initiative, which mobilizes more than 1,000 researchers from various parts of the country, is commendable and reflects TEC's leadership in advancing the cause of academic excellence. He expressed his optimism that the workshop would leave a lasting impact on the participants and help build a new generation of skilled, confident scientific authors.

National Workshop on "How to Write a Good Research Paper" was organized on 18th October 2024 (via online mode)

Training and Education Centre (TEC), ICAR-IVRI, Pune, in collaboration with the Indian Society for Veterinary Surgery (ISVS), hosted an impactful national workshop on "How to Write a Good Research Paper" on 18th October 2024. The virtual event, held via Zoom, was aimed at empowering young researchers, scientists, professors, and students. With an outstanding turnout of 1,363 participants, representing 100+ veterinary, agricultural, and other universities/institutes in India, the workshop provided invaluable insights into the art of crafting clear, systematic and high-impact research papers essential for advancing scientific careers.



Dr B Rameshkumar, President ISVS, delivering the inaugural address



Dr Rupasi Tiwari, Joint Director (EE) addressing the participants of the workshop

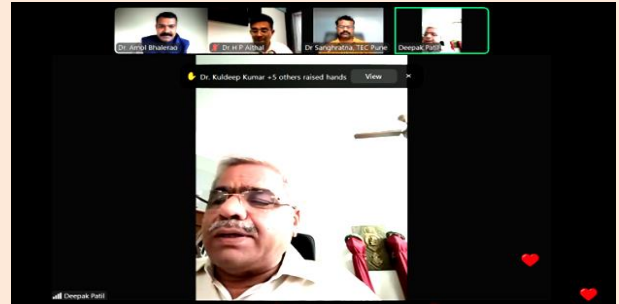
The workshop featured two power-packed sessions led by distinguished experts in the field. Dr Amol K Bhalerao, Scientist at TEC, Pune, led the first session, where he provided a thorough overview of the essentials of writing a research paper. He broke down the complex process into manageable components, guiding participants through each section of a scientific paper from the title and abstract to the conclusion. His approach was both systematic and comprehensive, allowing participants to understand how to structure their papers effectively. Dr Bhalerao highlighted the importance of writing a clear and concise abstract, often the first section that

reviewers and readers focus on. One of the most significant aspects of Dr Bhalerao's session was his focus on addressing the issue of plagiarism, a critical concern in academic writing. He elaborated on the ethical implications of plagiarism, emphasizing that even unintentional plagiarism can lead to serious consequences, including rejection of papers or, worse, retraction after publication. Dr Bhalerao introduced participants to tools and techniques that can help them avoid plagiarism, including the proper use of citations and paraphrasing. He also provided guidance on how to use AI tools to enhance the quality of writing, a relatively new area in academic research that is rapidly gaining traction. Dr Bhalerao's discussion on the impact factor of journals was another highlight of his session. He explained how the impact factor reflects the importance of a journal within its field and how publishing in high-impact journals can significantly boost a researcher's career. He guided participants on how to select appropriate journals for their research, considering factors such as scope, audience, and submission guidelines.

The second session, led by Dr HP Aithal, Principal Scientist and Station In-charge at TEC Pune, offered participants an editorial perspective on writing a research paper. This session was invaluable as it provided insights from the other side of the publication process—what editors and reviewers look for in a well-written research paper. Dr Aithal emphasized the common errors that researchers make, which can often result in rejection, such as poor organization, lack of clarity, and inadequate attention to detail. Dr Aithal also discussed the importance of editing and refining a manuscript before submission. He highlighted that many papers are rejected not because of flawed research but due to poor presentation and lack of polish. His advice to participants was to invest time in editing their work, focusing on consistency, grammar, and style. He introduced them to best practices in manuscript preparation, such as adhering to journal guidelines and formatting requirements, which can significantly improve the chances of acceptance. Another key aspect of Dr Aithal's session was his discussion of the peer-review process. He explained how reviewers evaluate manuscripts, what criteria they use, and how authors can respond effectively to reviewer comments. He also touched upon the challenges of navigating the publication process, including dealing with rejections and resubmissions. Dr Aithal's session was a reality check for many participants, offering practical tips on how to improve their chances of getting published in reputable journals.

This workshop was not just a lecture series but an interactive platform where participants could engage with experts, ask questions, and apply what they learned. One of the unique aspects of the workshop was the focus on real-world applications. Participants were encouraged to bring their own research queries and challenges to the table, which were addressed by the experts in real time. This personalized approach allowed participants to gain direct feedback on their work, making the learning process more practical and relevant to their individual research goals. For thousands of trainees, this workshop provided multiple benefits, ranging from understanding the fundamentals of research paper writing to gaining insights into the editorial process. The event empowered young researchers with the skills and knowledge required to successfully navigate the complex world of

academic publishing. By equipping them with the tools to write clear, structured, and ethical research papers, the workshop not only enhanced their writing capabilities but also boosted their confidence to contribute to the global scientific community. Participants left the workshop with a better understanding of how to approach the daunting task of writing a research paper, from planning and drafting to submission and publication.



Dr Deepak B Patil, Exec. Secretary of ISVS delivering concluding remarks

In his concluding remarks, Dr Deepak B Patil, Executive Secretary of ISVS, expressed his appreciation for the efforts of TEC, ICAR-IVRI Pune, in organizing such a valuable workshop. He congratulated the participants for their active involvement and for taking a significant step toward enhancing their research skills. Dr Patil emphasized the importance of regularly organizing similar programs, highlighting how such initiatives play a crucial role in the professional development and empowerment of young researchers. He, in addition, provided a brief summary of the key takeaways from the presentations delivered by both expert speakers, Dr Amol Bhalerao and Dr HP Aithal. Their insightful sessions covered essential aspects of research paper writing, editorial processes, and best practices for academic publishing. Dr Patil concluded by thanking the Indian Veterinary Research Institute for its continued support and commitment to empowering the next generation of researchers, further solidifying the Institute's role in advancing scientific knowledge and innovation.

Hands-on Training on 'Advanced Techniques of Internal Fixation of Fractures' for Veterinary Officers and Practitioners was organized during 9th – 14th December 2024

The Training and Education Centre (TEC), ICAR-IVRI, Pune, organized an intensive six-day hands-on training programme on 'Advanced Techniques of Internal Fixation of Fractures.' Conducted from 9th to 14th December 2024, the programme was held in collaboration with the District Veterinary Polyclinic, Department of Animal Husbandry, Aundh, Pune, Maharashtra. The programme saw active participation from 18 veterinary professionals, including graduates, officers, and practitioners representing seven different states: Maharashtra, Kerala, Karnataka, Delhi, Tamil Nadu, Telangana, and Gujarat. The inaugural session on 9th December 2024 was graced by Dr Pravin Kumar Deore, IAS, Commissioner of Animal Husbandry, Maharashtra State, as the Chief Guest, and Dr Anil Deshpande, Deputy Commissioner of Animal Husbandry, IVBP, Pune, as the Guest of Honour. Dr HP Aithal, Station In-charge of TEC Pune and Course Coordinator, welcomed the dignitaries and participants, providing an overview of IVRI's significant contributions to veterinary research, capacity building, and extension activities over its 135 glorious years of service. Dr Aithal also highlighted the Centre's flagship programmes, particularly those designed to address the evolving needs of practicing veterinarians and farmers.



Dr Pravin Kumar Deore, IAS, Commissioner of Animal Husbandry (Maharashtra), addressing the participants during the inauguration

Dr Pravin Kumar Deore, the esteemed Chief Guest of the event, commended TEC Pune for its dedicated efforts in organizing specialized training programmes tailored for veterinarians. He acknowledged the significance of these initiatives in enhancing the skills and knowledge of veterinary professionals, thereby contributing to the overall improvement of animal healthcare services. Dr Deore further requested TEC Pune to conduct similar hands-on training programmes on a regular basis for veterinary officers of the Maharashtra State Animal Husbandry Department on collaborative basis. He proposed that these trained officers could, in turn, serve as trainers, effectively creating a multiplier effect by disseminating their expertise to a larger number of veterinary officers across the state. This, he remarked, would ensure a widespread and sustainable impact, ultimately benefiting the entire veterinary ecosystem. Dr Anil Deshpande emphasized the relevance of practical training and shared insights on optimizing field-level applications of the techniques learned. Dr SK Das, Principal Scientist TEC Pune was also present on the occasion. The inaugural session concluded with a vote of thanks by Dr Sanghratna V Bahire, Scientist and Course Co-coordinator, and compering by Dr Amol Bhalerao, Scientist and Course Co-coordinator.



Group photograph of the guests, faculty and participants of the training



Participants in the class room

The training programme encompassed a structured curriculum comprising theoretical lectures, demonstrations, and hands-on sessions on diverse fracture fixation techniques. Key topics and techniques included: intramedullary (IM) pinning (normograde and retrograde techniques, cross pinning, tension band wiring, stack pinning), interlocking nailing, bone plating (dynamic compression plate [DCP] and locking compression plate [LCP]), and external skeletal fixation (linear, circular, hybrid, and epoxy-pin fixation). The topics also included bone structure and development, fracture classification and healing, timing and selection of fixation methods, bone grafting, bone tissue engineering, arthritis and joint luxations, diagnostic imaging, pain management, anaesthesia for orthopaedic cases, and the use of orthotics and prosthetics in small animal orthopaedics.

The expert faculty included Dr HP Aithal from TEC Pune, and DrShalaka Chauhan (Professor) and Dr Satyawan Agivale (Assistant Professor) from College of Veterinary Sciences, Shirwal, Satara. Additional virtual lectures were delivered by prominent academicians, including Dr Rohit Kumar (Scientist), Dr Aswathy Gopinathan (Principal Scientist), Dr Rekha Pathak (Principal Scientist) and Dr Kiranjeet Singh (Principal Scientist and Head Division of Surgery) from IVRI Izatnagar; Dr Jitender Mohindroo (Professor) from GADVASU, Ludhiana; Dr Surbhi K Tyagi (Asst. Professor) from SVPuat-Meerut; and Dr RV Suryawanshi (Asst. Professor) from COVS, Udgir, Maharashtra. Dr SD Budhe, a distinguished Livestock Development Officer, accomplished entrepreneur, and renowned veterinary practitioner, shared his wealth of experience during the session. As an alumnus of a previous training batch, Dr Budhe offered valuable insights into how the knowledge and skills gained from such training programmes can be effectively applied in day-to-day veterinary practice.



Dr Satyawan Agivale delivering lecture on joint affections



Demonstration of surgical techniques to participants



Participants ready for hands-on practice



Group photograph of participants of the training

During the valedictory ceremony held on 13th December 2024, Dr SD Budhe and Dr Shalaka Chauhan, were the esteemed guests. Dr HP Aithal reviewed the training outcomes and emphasized the importance of continued education to remain abreast of advancements in veterinary orthopedic techniques. Certificates of completion were awarded to the participants, who expressed gratitude for the opportunity to acquire advanced knowledge and skills in fracture fixation. Participants conveyed confidence in applying these techniques to improve field-level treatment outcomes. The session concluded with a vote of thanks by Dr SV Bahire and compering by Dr Amol Bhalerao.

Dr. S.K. Jhirwal, Assistant Professor, RAJUVAS, Bikaner delivered a lecture on “*Confidence building tips for a successful ophthalmic examination in pets and companion animals*” during a CVE on Ophthalmology at Jodhpur on 10.08.2024 organised by Alembic Veterinary Pet Division, Mumbai.



Distribution of certificate to a participant

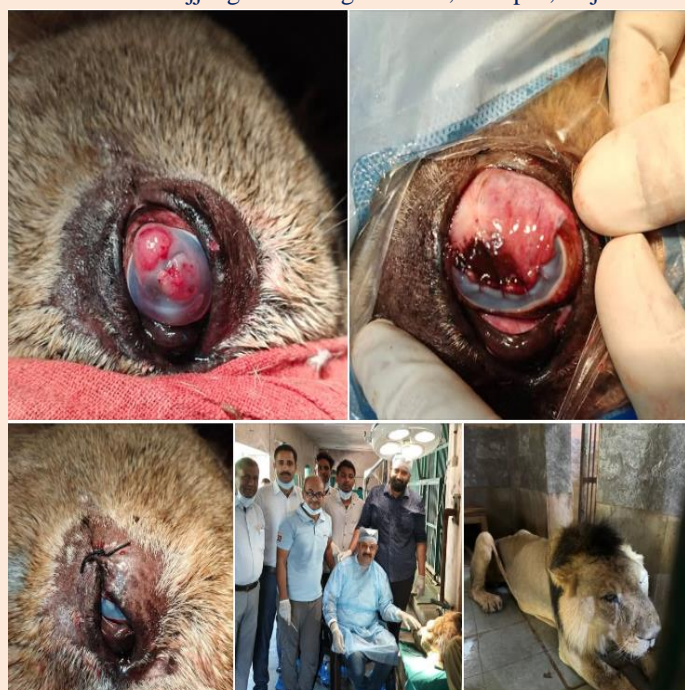


The training programme effectively enhanced the technical proficiency of participants, reinforcing TEC’s commitment to veterinary education and field-level capacity building. The initiative was met with enthusiastic feedback, highlighting its role in advancing veterinary orthopaedic practices.

Dr. S.K. Jhirwal, Assistant Professor, RAJUVAS, Bikaner performed a rare ophthalmic surgery in an Asiatic Lion on 17.09.2024 at Sajjangarh Biological Park, Udaipur, Rajasthan.

The Department of Veterinary Surgery and Radiology, College of Veterinary Sciences LUVAS Hisar organized a 10 days training for field veterinarian, Private Practitioner and Post graduate scholar on the topic entitled “*Anaesthetic and Operative Techniques in Veterinary Surgery*” from September 2-11, 2024. In this training total 86 candidates have applied to participate from all over India. Only twenty candidates were selected hailing from nine states of India.

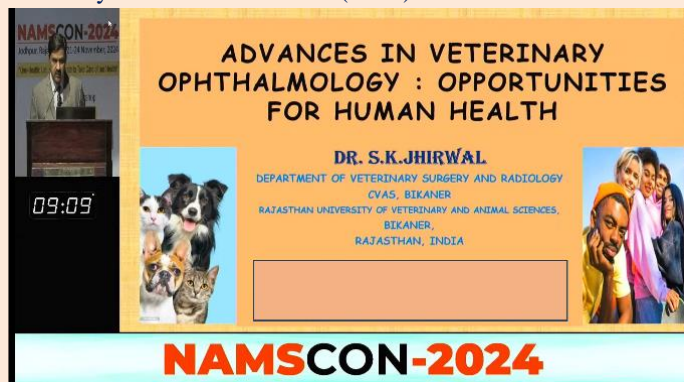
This training program was meticulously designed to equip veterinary professionals at field as well as for clinical setup with the knowledge, skills, and confidence needed for anaesthesia (large and small animal inhalant anaesthesia), orthopaedic surgery (bone plating, pinning, interlocking nailing, and titanium elastic nailing), ocular surgery (Cataract, conjunctival and Morgan’s Pocket Technique) and other surgical procedures (Urinary tract surgery, gastro intestinal surgery and Teat surgery) across a wide range of animal species. This training curriculum was blend of theoretical knowledge as well as hand on practice in the form of case studies and live demonstrations.



Dr. S.K. Jhirwal, Assistant Professor, RAJUVAS, Bikaner presented a lecture on *"Veterinary Ophthalmology: Beginning of a New Era at RAJUVAS, Ushering into a New Era"* at the Postgraduate Institute of Veterinary Education and Research (PGIVER), Jaipur on 27.09.2024. Teachers and students of the institute participated enthusiastically.



Dr. S.K. Jhirwal, Assistant Professor, RAJUVAS, Bikaner delivered an invited lecture on "Advances In Veterinary Ophthalmology: Opportunities For Human Health" during a preconference workshop by National academy of medical Sciences (India) at a Premier Institute i.e All India Institute of Medical Science, Jodhpur (AIIMS, JODHPUR) on 22.11.2024. The proceedings of the CME will be compiled into a "White Paper" and will be shared to MoHFW through the National Academy of Medical Sciences (India).



Dr. S.K. Jhirwal, Assistant Professor, RAJUVAS, Bikaner presented an Invited LEAD PAPER on *"Rapid strides of Veterinary Ophthalmology towards improving quality of life of animals"* during 47th ISVS Symposium organised by College of Veterinary Science, Assam Agricultural University, Guwahati from 18-21 December, 2024.



Dr. S.K. Jhirwal, Assistant Professor, Department of Veterinary Surgery and Radiology, CVAS, delivered two lectures on Grading and Management of diverse ocular affections in cattle for the Veterinary Officers and Gaushala managers during one day seminar organised under the aegis of Hon'ble Secretary Animal Husbandry, Fisheries and Gopalan, Govt. of Rajasthan at Pinjrapole Gaushala, Jaipur on 23.12.2024. The participant were veterinary officers of Rajasthan and Gaushala Managers of various gaushala of Rajasthan state.



Dr. S.K. Jhirwal, Assistant Professor, RAJUVAS, Bikaner organized a free eye disease checkup camp for dogs in the veterinary complex, P.G.I.V.E.R., Jaipur on 24.12.2024. In the said camp, proper guidance was given to the dog owners for the diagnosis and treatment of various types of eye diseases in dogs. The Dean of the Institute praised Dr. Jhirwal for organizing awareness and activities related to eye disease screening in various institutions from time to time in the field of veterinary ophthalmology in veterinary surgery.



The Department of Veterinary Surgery and Radiology, VCRI, TANUVAS, Salem successfully conducted a two-day workshop on “Veterinary Anesthesia and Pain Management: Insights and Applications in the Indian Context” on 11th and 12th December 2024. The workshop had 20 participants from Tamil Nadu (11), Kerala (3), Karnataka (4), Andhra Pradesh (1), and Goa (1), including faculty, postgraduate scholars, government veterinarians and private practitioners. This diverse group enhanced the learning experience and encouraged knowledge sharing. Dr. A. Elango, Dean, VCRI Salem, provided overall guidance and Dr. S. Senthil Kumar, Professor and Head of the Department, efficiently organized the event. Dr. N. Rajendran, Former Professor and Head of Veterinary Surgery and Radiology, VCRI, Namakkal was invited as the Guest of Honour for the Valedictory Function and he had delivered a motivational talk on the importance of anaesthesia in improving animal welfare and distributed the participation certificates to the participants. Dr. P.Sankar and Dr. E. Kalaiselvan, Assistant Professors of the Department coordinated the programme. The workshop combined expert lectures, live demonstrations, and hands-on training to provide a comprehensive learning experience on anesthesia in both small and large animals. Topics covered included anesthetic protocols, monitoring, pain management and the use of inhalation anesthetic agents. Participants practiced anesthesia techniques under expert guidance and received hands-on training in monitoring anesthesia. A lecture on wildlife anesthesia added depth to the program, while live demonstrations included general anesthesia in a horse and nerve blocks in cattle for common surgical procedures, emphasizing gentle handling and animal welfare. The workshop met its goals of enhancing knowledge and practical skills in veterinary anesthesia. Participants praised the program's structure and content, noting its relevance to improving veterinary care and animal welfare in India.



College of Veterinary Science and A.H., Kamdhenu University, Sardarkrushinagar in collaboration with Banas Dairy, Palanpur organized one day training workshop on 'Advances in farm animal field surgery' on 24.07.2024 for the veterinarians of Banas Dairy at Department of Veterinary Surgery and Radiology. The workshop was attended by 22 veterinarians from Banas Dairy, Palanpur. E-copy of training manual was provided to all participants to act as ready reference. The training comprised of Lectures and hands on practice along with demonstration of surgeries. The lecture and demonstration on Diagnosis and management of reticular foreign body syndrome was delivered by Dr. P. B. Patel. Dr. P. T. Sutaria delivered lecture and demonstrated diagnosis and management of empty rectum syndrome. The Lecture and demonstration on diagnosis and management of diaphragmatic hernia was delivered by Dr. J.B. Patel. Dr. A.M. Patel delivered lecture and demonstrated diagnosis and management of tumors. The lecture and Demonstration on diagnosis and management of external hernia in large animals was delivered by Dr. R. K. Gosai.



Dr. Md. Moin Ansari, Professor and Head, delivered theme lecture in the lecture series "Live with Sciences" on the topic "Decoding Physiotherapy: A modern approach to rehabilitation" at Bihar Animal Sciences University, Patna. His talk focused more on how recent developments in veterinary physiotherapeutic modalities practices viz., ultrasound therapy, transcutaneous electrical nerve stimulation, short wave diathermy, interferential therapy, neuromuscular electrical stimulation, magnetic field therapy, laser therapy, hydrotherapy, heat therapy, cold therapy, joint and neural mobilization, soft tissue manipulative techniques, and different advanced rehabilitation tools protocols following rehabilitation of animals in post-surgical, neuromuscular and musculoskeletal disorders and gait re-education etc. are driven by ground-breaking innovations and research have significantly experienced a transformative evolution over the past few years and expanded the horizons of Veterinary healthcare delivery system. These innovations enhance real-time patient monitoring, provide remote physiotherapeutic protocols, and assist in precise rehabilitative movement control for early recovery outcomes and for promoting to live happier, healthier and participate in activities they love.



Professor Ansari, also acted as Expert and Chief Guest in the capacity building program on "Recent Advances in Veterinary Medicine and Surgery" for Block/District Animal Husbandry and Veterinary Officers under the aegis of Animal and Fisheries Resource Department, Directorate of Extension Education, BASU and BAMETI, Government of Bihar.





RETIREMENT

Dr. D.B. Patil, (born 1962 - Nashik, Maharashtra) did his MVSc (Veterinary Surgery & Radiology) in 1983 from Andhra Pradesh Agricultural University, Hyderabad and PhD (Veterinary Surgery & Radiology) in 1992 from CCS Haryana Agricultural University, Hisar. He has over 32 years of experience in teaching, research and extension. He started his career as Veterinary Officer from Anand Agricultural University (AAU), Anand, Gujarat and reached at the position of Professor & Head (Veterinary Surgery). He worked as Professor & Head (Veterinary Surgery) in AAU for more than 14 years. Dr. Patil joined Kamdhenu University, Gandhinagar, Gujarat on the post of Director of Research & Dean PG Studies in 2015 and served till his retirement.



He worked as Chairman and Co-chairman in various sessions in Symposia organised by Indian Society for Veterinary Surgery (ISVS). During ISVS Symposium at Srinagar, he was awarded Dr. O. Ramakrishna Oration Award for the year 2015. Dr. Patil is Executive Secretary and Fellow of Indian Society for Veterinary Surgery (ISVS) and Fellow of National Academy of Veterinary Sciences (NAVS), India and Convener of Broad Subject Matter Area (BSMA) Committee for Veterinary Clinical Subjects, ICAR. He is Chairman, Health Advisory Committee for Indroda Nature Park Zoo, Gandhinagar, Gujarat. He is nominated as a DBT Nominee in the IBSC of Gujarat University (GUJUNIV-991), Ahmedabad, Gujarat and DBT Nominee in the IBSC of Hester Biosciences Limited (HESTER-666), Merda-Adraj, Mehsana, Gujarat. He was Organising Secretary of XXXVI Annual Congress of ISVS and International Symposium on "Ruminant Surgery in Polyclinics, Co-operative Dairies and Shelters: Perspective 2020" at College of Veterinary Science & Animal Husbandry, AAU, Anand (Gujarat) from 01-03 Nov., 2012. He was also Organising Secretary of 18th Annual Convocation cum Scientific Convention of National Academy of Veterinary Sciences (NAVS) India, on "Futuristic Technologies in Animal Health and Production", at Gandhinagar, Gujarat (December 26-27, 2019).

He was Course Director of Short Training Programmes conducted at the Department of Surgery, Veterinary College, Anand viz., Hoof Care & Management for Vets of Co-op. Dairies of Western Maharashtra, sponsored by NDDDB, Mumbai & Co-op Dairy SUMUL, Surat, Canine Emergency & its Management for State Govt., Vet. Sponsored by A.H. Dept., Gujarat State, Small Animal Surgery & Large Animal Surgery for Vets of State Govt. & Co-op. Dairies and Canine Ophthalmology by Mars International Pvt. Ltd. (PEDIGREE).

He served as the Member of Academic Council, Research Council – Anand Agricultural University (AAU), Anand, Gujarat; Institutional Animal Ethics Committee (IAEC), Kidney Hospital (MPUH), Nadiad, Gujarat. He is a Member of Technical Advisory Committee, Gujarat State Biotechnology Mission (GSBTM), Government of Gujarat, Gandhinagar. He is a Member of Executive Committee, Research Advisory Committee and Purchase Committee of Gujarat Biotechnology Research Centre (GBRC), Government of Gujarat, Gandhinagar. He is a Member of Editorial Board of Intas Polivet and Indian Journal of Animal Research (IJAR).

He visited Malaysia in order to conduct the examination for graduate students at the Faculty of Veterinary Medicine, Universiti Malaysia Kelantan, Kota Bharu, Kelantan, Malaysia, as an External Examiner. Dr. Patil has published Research Articles in International (23) and National Journals (140) with 07 Book Chapters. Guided 03 PhD and 17 MVSc students. He has been bestowed with 27 awards/medals for scientific contributions. He was PI of RKVY, Stent, Plan and DBT Projects. He was awarded INSA fellowship for 3 months Research Project at Olsztyn, Poland.

Indian Society for Veterinary Surgery wishes Dr. Deepak B. Patil a very happy, prosperous, safe and healthy retired life.

REMEMBRANCE

Dr G.V. Lakshmi pathi was born to Sri G.V.Naidu and Smt Jayalakshmi at Tirupathi in 1934. He obtained BVSc from college of veterinary science Tirupathi and MVSc from Madras veterinary college in 1966 majoring in Surgery and Radiology under guidance from Prof F.D.Wilson. He obtained his doctoral degree in 1985 under guidance of Prof. O.Ramakrishna. He started his career as an Instructor, and later rose to level of Assistant Professor, Associate Professor and Professor and University Head. He has guided 9 MVSc students and one PhD Student. He has number of publications to his credit which are of national and international repute. His area of specialization *i.e* Acupuncture anesthesia and Analgesia in different species of animals which made revolutionary changes in veterinary practice. He has handled one ICAR research project successfully. He has also received MD (medicina alternativa) honorary degree from colombo university. He retired from active service in 1997. He was active member in ISVS and received FISVS in 1992. He was Sri Satya Aai devotee and spent his post retirement professional life in treating dumb animals in rural areas. His wife passed away before him and he has one son and two daughters who are highly qualified and well settled in life. He was a person with commitment, honesty, hard working and always joyful. He trained many youngsters in area of Veterinary Acupuncture anesthesia. His services to the society and profession are noteworthy. Prof. G.V. Lakshmi pathi passed away on 28-11-2024.



Indian Society for Veterinary Surgery extends heartfelt condolences to the bereaved family and pray to Almighty that the departed soul may rest in peace.

**Technical views expressed are the sole responsibility of author(s)*