

THE SYNAPSES

ISVS NEWSLETTER



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Associate Editor: Deepak Kumar Tiwari

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From the Desk of President

The Indian Society for Veterinary Surgery is going to start an online ISVS Newsletter from January 2020. Dr Ashok Kumar, *Professor and Head*, Department of Veterinary Surgery and Radiology, LalaLajpat Rai University of Veterinary and Animal Sciences (LUVAS), Hisar and Dr Deepak Kumar Tiwari, *Assistant Professor*, LalaLajpat Rai University of Veterinary and Animal Sciences (LUVAS), Hisar have taken this responsibility to bring out ISVS Newsletter, which is highly appreciable. The Newsletter is aimed to connect members of the society and to convey new developments in various super-specialities and sub disciplines of surgery. I convey my greetings to the editors and members of the society. I also urge upon the members to communicate news about training programmes, lectures, new research findings, awards *etc.*, so that it can be included in the ensuing ISVS Newsletter. This is just a small step towards strengthening of the society. I am convinced that with the co-operation of members and blessings of senior colleagues, the society will grow to the new and greater heights. The Indian Society for Veterinary Surgery will take initiatives at the National level for revision of curriculum and promoting research. To upgrade the knowledge and skill of the faculty, the society will also coordinate training programmes at National level. I once again convey my best wishes to the editors and members of the society. Wish you all a very Happy New Year 2020.



SimratSagar Singh
President, ISVS

From Executive Secretary Pen

At the outset, ISVS wishes a very Happy, Healthy and Prosperous NEW YEAR 2020. Indian Society for Veterinary Surgery is a platform for academic surgeons, field vets and private practitioners to interact about surgical disciplines. To improve its visibility further and to reach all on technical and social fronts, ISVS has launched this Newsletter. I am sure, Dr. Ashok Kumar, Editor and his Associate Dr. Deepak Kumar Tiwari will make reading this Newsletter an enjoyable affair. Here, I appreciate the initial efforts of Dr. Vishwasrao from Mumbai to start ISVS Newsletter. The surgical landscape of ISVS harbours one or other verticals in surgical disciplines which, I am sure will waft ISVS Members to reskill and nurture their areas of interest. Dr. S. S. Singh, President ISVS, is keen on this. I am sure, our efforts will uplift the skill sets of surgeons to the desired level initially and also help to develop and sustain verticals in surgical disciplines at University Teaching Hospitals. I am sanguine, this Newsletter will keep communication lines buzzing; keeping us updated on all fronts, technical, social and ethical! Once again Happy New Year 2020 and Happy Surgical Learning.



D. B. PATIL
Executive Secretary, ISVS

From the Editor' Desk

Indian Society for Veterinary Surgery has entrusted to publish a Newsletter from this year 2020. The Newsletter will be published biannually *i.e.* in January and July of every year. The word "synapse" is derived from the Greek words "*syn*" and "*haptein*" that mean "together" and "to clasp," respectively. The Synapses is a junction between nerve cells across which impulses pass by diffusion of a neurotransmitter. So, the Newsletter will act as a significant neurotransmitter among the members of the society to communicate the impulses of various sub-disciplines of surgery *viz.* anaesthesia, diagnostic imaging, orthopaedics, dentistry, ophthalmology *etc.* I am confident that the Newsletter will definitely be able to develop new relations not only at the professional level but at personal and social front also. We plea to the ISVS life members to come forward and take the lead to share significant information about the symposia, workshops, seminars, trainings, awards, achievements, new research projects, research and development highlights, innovations, prospective technologies, appointments/promotions, opportunities (scholarships/fellowships), foreign visits, news makers/star of the month, celebrations, activities of local/regional chapters, retirement, farewell, remembrance *etc.* In this way, we can advance the impact of our profession in the public and can increase the perceptibility of the subject in the society.



Ashok Kumar
Editor, ISVS Newsletter

Indian Society for Veterinary Surgery-A Perspective

The Indian Society for Veterinary Surgery (ISVS) is not only a vibrant leading society of Veterinary and Animal Sciences in the country but has a glorious past. It has recently organized 43rd Annual Congress and National Symposia at Hisar (Haryana) from November 14-16, 2019. For the last 43 years, since its inception at Hisar in October, 1977; it has been organizing its Annual Congress and National Symposia regularly in one or the other Veterinary Colleges/Veterinary or Agricultural Universities.



The idea of forming the organization of Veterinary Surgeons in the country was mooted in 1970 in one of the Summer Institutes in Surgery organized at Hisar under the Leadership of Dr. R.P.S. Tyagi and Dr. J.M. Nigam, which was attended by eminent surgeons of that era *viz.* Dr. A. A. Khan (Bihar), Dr. Amresh Kumar (Uttar Pradesh), Dr. A.K. Bhargav (Rajasthan), Dr. S.J. Angelo (Uttar Pradesh), Dr. D.B. Mukherjee (West Bengal), Dr. D.S. Chauhan, (Rajasthan), Dr. Devendra Kumar (Uttar Pradesh), Dr. E. Rajendran (Tamil Nadu), Dr. Godfrey David (Tamil Nadu), Dr. H.N. Sharma (Assam), Dr. J. Mohanty (Orissa), Dr. M.B. Mantri (Maharashtra), Dr. M.L. Kudale, (Maharashtra), Dr. M. N. Mannari (Gujarat), Dr. M.R. Patel (Gujarat), Dr. P. E. Kulkarni (Maharashtra), Dr. P.O. George (Kerala), Dr. R.N. Kohli (Punjab), then Maj. R.N. Kakkar, Major R.N. Choudhary, Dr. R.N.L. Rao (Hyderabad) and Dr. S.S. Rathor (Rajasthan), Dr. S.K. Pandey (Madhya Pradesh).

The rules and regulations of the society were framed. The first Executive Committee was elected in October, 1977 and the birth of Indian Society of Veterinary Surgery took place, with Dr. R.P.S. Tyagi as President, Dr. M.N. Mannari Vice President, Dr. J.M. Nigam, Secretary; Dr. I.S. Chandna, Treasurer; Dr. P.E. Kulkarni, Joint Secretary, Dr. Amresh Kumar, Editor and four Zonal Secretaries with its Head Quarters at Hisar(Haryana) and Editorial Office at Pantnagar(Uttar Pradesh). Later the society was duly registered.

The competition for Society's insignia was organized and the Insignia designed by Mr. S.I. Choudhary of Pantnagar was adjudged the best and was thus adopted, which is now being used in all the correspondence and publications of the Society.

During its formative years Dr. J.M. Nigam, Executive Secretary played a very significant role and then Dr. A.P. Singh, as Executive Secretary, further strengthened the organization and played a pivotal role.

In order to propagate the aims and objectives of the society and disseminate the information on organization of professional activities in different regions and to brief the members about the recent developments in the field of Veterinary Surgery, the publication of an ISVS Newsletter was started in 1978 from Pantnagar. The first issue of the Newsletter was published in March, 1978 and it was sent to all the members. In 1980, the first issue of Indian Journal of Veterinary Surgery was published from Pantnagar with Dr. Amresh Kumar as Chief Editor. In 1991, Dr. Gajraj Singh took the baton from him and remained its Chief Editor till 2014. In 2015, Dr. Amarपाल took over from him and the ISVS journal has been published uninterruptedly from 1980

till date. Indian Council of Agricultural Research, New Delhi had provided financial assistance for its publication.

The scope of the society was extended by initiation of some local chapters with the objectives of the organization of symposia, clinical camps, awareness programmes for the farmers. In the beginning, local chapters were started at Madras, Bhubneshwar, Pantnagar, IVRI Izatnagar but at present, only two local chapters of the society; one at Nasik (Maharashtra) and another at Trichur (Kerala) are extending the objectives of the society. The society is having its website, www.isvs.in, with comprehensive information about the members and activities of the society.

The society has been organizing its Annual Congress and National Symposia since 1977, first at Hisar, second at Pantnagar, third at Madras and fourth at Ranchi and so on from one corner of the country to another *viz.* Anand, Bidar, Bombay, Bikaner, Bhubneswar, Bangalore, Kolkata, IVRI, Izatnagar, Guwahati, Jabalpur, Jammu (J&K), Ludhiana, Mathura, Nagpur, Namakkal, Navsari, Palampur, Parbhani, Pudducherry, Ranchi, Srinagar (J&K), Tirupati, Trichur (Kerala). At some places the Annual Congress has been conducted twice or thrice as well. Heartiest congratulations to ever enthusiastic members of society for organizing symposia and other professional activities.

In the formative years, the running of the organization was a very difficult task. The members used to collect the donations by organizing Animal Health Camps, distributing Society's flags, ties, scooter/car stickers *etc.* The number of members of the society has increased from 60 in 1977 to 2442 life members in 2019.

Several awards and honours in the name of the leading Veterinary Surgeons have been instituted for Best Research Article in Journal, Oration Awards and Subject Matter Awards *etc.* It has been awarding fellowship to the eminent Veterinary Surgeons for their outstanding contributions in teaching, research and clinical areas.

The society is doing yeoman service to the Veterinary Profession in general and Veterinary Surgery in particular. In order to further the objective of the society, it is proposed to organize surgical/diagnostic training on recent advances to the veterinarians at its Annual Congress and organize specialty groups in different areas of Veterinary Surgery and have its own Academy, which can inform and guide the members on recent developments. It will work as torch bearer of the society. The Academy would also publish the specialty bulletins on emerging topics from time to time for the benefit of the members of the society. Inter-disciplinary approach is the need of hour. Therefore, the interaction with the eminent medical professionals, biotechnologists, bioengineers *etc.* may also be arranged during the annual conference. The society will also undertake practical surgical training on diagnostics and other techniques for the field veterinary surgeons to improve their professional competence.

I am sure, the ISVS; with the guidance, support of the senior members; and diligence, enthusiasm and passion of the youngsters; is going to be further strengthened and it has a very bright future. My best wishes are with all the veterinary surgeons in the country and abroad.

LONG LIVE ISVS!

Amresh Kumar

Conferences / Symposia / Seminars

The 43rd Annual Congress of Indian Society for Veterinary Surgery and National Symposium on "Recent Advances on Amelioration of Anaesthetic and Surgical Stress in Farm and Companion Animals" was organized by the Department of Veterinary Surgery and Radiology, College of Veterinary Sciences, Lala Lajpat Rai University of Veterinary and Animal Sciences, Hisar from November 14-16, 2019.

The inaugural function was organized in the Veterinary Auditorium on November 14, 2019 at 09:30 AM. Dr. Gurdial Singh, Hon'ble Vice-Chancellor, LUVAS, Hisar was the Chief Guest of the function. Among other dignitaries on the dais were Dr. Gajraj Singh, President ISVS, Dr. Deepak B. Patil, Executive Secretary ISVS, Dr. Diwakar Prakash Sharma, Dean, COVS, LUVAS, Hisar and Dr. Ashok Kumar, Organizing Secretary-cum-Professor and Head of the department. The inaugural ceremony was also graced by prominent figures of the profession namely Dr. N.H. Kelawala, Vice-Chancellor, Kamdhenu University, Gandhinagar, Maj. Gen. (Retd.) Dr. Shrikant, SM, VSM, Former Vice-Chancellor, LUVAS, Hisar, Dr. A.P. Singh, Former Vice-Chancellor, DUVASU, Mathura, Dr. S. Thilagar, Former Vice-Chancellor, TANUVAS, Chennai, Dr. P.E. Kulkarni, Former Dean, Akola, Dr. J.M. Nigam, Former Dean, CSKHPAU, Palampur, Dr. Amresh Kumar, Former Dean, GBPUAT, Pantnagar, Dr. Jit Singh, Former Dean, MPUAT, Udaipur, Dr. SimratSagar Singh, Former Dean PGS, GADVASU, Ludhiana, Dr. B. Ramesh Kumar, Former Dean, RIVER, Puducherry, Dr. B.V. Shivaprakash, Director Research, KVAFSU, Bidar, Dr. M. M. S. Zama, Dean, FVSc& AH, SKUAST-J, Jammu, Dr. V.D. Aher, Associate Dean, PGIVAS, Akola, and Head of the Departments working in different veterinary colleges, academicians, researchers, field veterinarians, pharmaceutical organizations, NGO's and students.

Dr. Rattan Singh Memorial Award for overall contribution in the field of Veterinary Surgery and Radiology was awarded to Dr. D. Krishnamurthy, Former Professor and Head, Department of Veterinary Surgery and Radiology, COVS, LUVAS, Hisar.



Dr. R.P.S. Tyagi Oration Award was awarded to Dr. S. Thilagar, Former Vice-Chancellor, TANUVAS, Chennai.



The President ISVS bestowed Fellowship of Indian Society for Veterinary Surgery to Dr. Arup Kumar Das (Pantnagar), Dr. S.B. Akhare (Nagpur) and Dr. S. Dharmaceelan (Namakkal) for their significant contribution in the field of Veterinary Surgery and Radiology.





Dr. P.E. Kulkarni presided over the session for election of new office bearers of ISVS and following office bearers were elected:

President	Dr. Simrat Sagar Singh	
Vice-Presidents	Dr. S.V. Upadhaye	
	Dr. S. Dharmaceelan	
	Dr. Ashok Kumar	
	Dr. V.S. Dabas	
	Dr. R.M. Tripathi	
Executive Secretary	Dr. D.B. Patil	
Joint Secretary	Dr. Prem Singh	
Treasurer	Dr. Deepak Kumar Tiwari	
Zonal Secretaries		
	North	Dr. Neeraj Arora
	South	Dr. S. Sooryadas
	Central	Dr. Shobha Jawre
	East	Dr. Bedanga Konwar
	West	Dr. Divyesh N. Kelawala
Corporate Member	Dr. Samar Mahendran	
Editor-in-Chief	Dr. Amarpal	
Editor	Dr. Hari Prasad Aithal	
Associate Editor	Dr. Abhishek Chandra Saxena	



The Gold Medals and Appreciation Certificates were presented by the Chief Guest and President ISVS to the best papers presented during 42nd Annual Congress of ISVS and National Symposium at Navsari (Gujarat). The faculty members who served the department were also honoured at this occasion.

The Annual Congress and National Symposium was attended by 450 delegates including academicians, researchers, field veterinarians, pharmaceutical organizations, NGO's and students. Two foreign delegates from Department of Clinical Studies, Faculty of Veterinary Medicine, University Malaysia Kelantan, Kota Bharu, Malaysia and one foreign delegate from Mauritius also attended the symposium.

The theme lecture was delivered by Dr. B.V. Shivaprakash, Director Research, Karnataka Veterinary, Animal and Fishery Science University, Bidar on "Amelioration of Anaesthetic and Surgical Stress in Farm and Companion Animals". There were twelve technical sessions' viz., anaesthesiology, ruminant surgery, small animal surgery, equine surgery, radiology and imaging, orthopaedic surgery, ophthalmology, wild and zoo animal surgery, avian surgery, large animal poster, small animal poster and award session. The award session includes Young Surgeon Award, MR Patel Best Field Veterinarian Award and Best Clinician Award. Twenty lead papers were invited from the eminent surgeons, of these seventeen were presented in different sessions. Total 475 abstracts published in the compendium, of which 295 were presented in different technical sessions. The General Body of ISVS was held on 16.11.2019 at the College of Veterinary Sciences, LUVAS, Hisar. The report of Executive Committee meeting held on 15.11.2019 was presented by Dr. D.B. Patil, Executive Secretary. The general body approved the proceedings of the 42nd Annual Congress of ISVS and National Symposium held at College of Veterinary Science and A.H., NAU, Navsari (Gujarat). The general body also approved the accounts presented by Dr. Deepak Kumar Tiwari (Treasurer, ISVS).

The ISVS e-Newsletter will be launched from January 2020, which will be uploaded on ISVS website. There will be two issues in a year. The 44th Annual Congress of ISVS for the year 2020 will be held at GBPUAT, Pantnagar (Uttarakhand). The awards for various technical sessions were announced, which will be bestowed upon the recipients during 44th Annual Congress of ISVS at Pantnagar (Uttarakhand).

National Academy of Veterinary Sciences (India) 18th Annual Convocation cum Scientific Convention on “Futuristic Technologies in Animal Health and Production” was successfully organized by Kamdhenu University, Gandhinagar (Gujarat) from December 26-27, 2019. Dr. D.B. Patil was Organizing Secretary.



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 organized by the Department of Veterinary Surgery and Radiology, College of Veterinary and Animal Sciences, G.B. Pant University of Agriculture and Technology, Pantnagar-Udham Singh Nagar from November 5-7, 2020.

Achievements/Awards/Honours/Recognitions

1. Dr. D.B. Patil, Director Research and Dean PGS, Kamdhenu University, Gandhinagar (Gujarat) received Fellow, National Academy of Veterinary Sciences during 18th Annual Convocation cum Scientific Convention on “Futuristic Technologies in Animal Health and Production” was successfully organized by Kamdhenu University, Gandhinagar (Gujarat) from December 26-27, 2019.



2. Dr. R.K. Chandolia, Comptroller, Lala Lajpat Rai University of Veterinary and Animal Sciences, Hisar (Haryana) received Fellow, National Academy of Veterinary Sciences during 18th Annual Convocation cum Scientific Convention on “Futuristic Technologies in Animal Health and Production” was successfully organized by Kamdhenu University, Gandhinagar (Gujarat) from December 26-27, 2019.



3. Dr. R.M. Tripathi, VAS, Bilaspur (CG) received “**Best Surgeon Award**” by Government of Chhattisgarh for his excellent contribution in the field of veterinary surgery from 1997 to 2018. He also received Appreciation Certificate by District Governor, Bilaspur (CG) for performing maximum number of Medial Patellar Desmotomy – 3307 in bovines.
4. Dr. B.P. Shukla, Professor and Head, Department of Veterinary Surgery and Radiology, College of Veterinary Science & A.H. Mhow, received Appreciation for surgical excision of oral tumour from 12 feet long Python in zoo at Indore.



5. Dr. M.O. Kalim, Assistant Professor, Department of Veterinary Surgery and Radiology, College of Veterinary Science & A.H., Anjora, Durg(CG) received “**Krishak Samridhi Award**” by former state Agriculture Minister Shri Brijmohan Agrawal for the year 2019



Trainings/Short Courses/Summer or Winter Schools

GADVASU conducted National Level Training Programs for Veterinary Practitioners

The Department of Veterinary Surgery and Radiology, Guru Angad Dev Veterinary and Animal Sciences (GADVASU), Ludhiana has successfully organized three Indian Council of Agricultural Research (ICAR) sponsored training programs on “Hands on Practice in Small Animal Anaesthesia” from January 8-10, 2020, “Systematic interpretation of Radiographs for Veterinary Practitioners” from January 14-16, 2020 and “Small animal Soft Tissue Surgery” from January 21-23, 2020. Each training programs have been designed to upgrade skills of 15 Veterinary Practitioners from all over the country and a total of 45 participants from all over India have been selected to attend the training program. These training programs are catering to veterinary practitioners hailing from the states of Punjab, Haryana, Himachal Pradesh, Rajasthan, Telangana, Uttar Pradesh, West Bengal, Jharkhand, Karnataka, Odisha, Gujarat, Kerala, Delhi NCR. Dr. Jitender Mohindroo, Professor-cum-Head was the course Director of the training programs. These training programs are under the HRD component of the All India Network Program on Diagnostic Imaging and Management of Surgical Conditions in Animals (ICAR). Apart from this the Department of Veterinary Surgery and Radiology at GADVASU is running four other extramural projects from various national agencies like DBT(2), DST-FIST(1) and SERB-DST(1) and has developed excellent facilities for canine, bovine and equine patients.

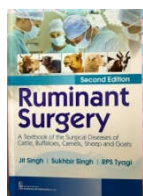
ASCAD training for field veterinarians

The Department of Veterinary Surgery and Radiology, NDVSU, Jabalpur has successfully organised the ASCAD trainings on “Diagnostic Imaging Techniques in Veterinary Practice” under the sponsorship and collaboration of Director Veterinary Services, Government of Madhya Pradesh. A total of four trainings were organised, 4 to 8 August and 16 to 20 December, 2019 by Dr. Apra Shahi, 4 to 8 November, 2019 by Dr. Shobha Jawre and lastly 19 to 23 November, 2019 by Dr. Randhir Singh. A total of 60 Veterinary Assistant Surgeons participated from different districts of MP. Through these hands on trainings, VAS were benefitted by collateral theoretical and practical aspects of ultrasonography, radiography, endoscopy and ophthalmic examination. This will augment for the better diagnosis and treatment of diseases by VAS for the animal welfare. In immediate future the department is going to organise the last batch of hands on training in the month of February 2020 for the field veterinarians.



New Publications

The second edition (2020) of *Ruminant Surgery: A Textbook of the Surgical Diseases of Cattle, Buffaloes, Camels, Sheep and Goats* by Jit Singh, Sukhbir Singh and RPS Tyagi has been published.



Retirement and Farewell

Professor (Dr) C.B. Devanand superannuated from Kerala Veterinary and Animal Sciences University on 08.11.2019.

Dr. C.B. Devanand completed BVSc & AH from College of Veterinary and Animal Sciences, Mannuthy in 1986 and started his career as Veterinary Surgeon at Department of Animal Husbandry, Kerala State on 30.4.1986. After completing tenure of one and half years of service, he joined for PG programme in Kerala Agricultural University and acquired MVSc. He started career in Kerala Agricultural University as Junior Assistant Professor, Department of Veterinary Surgery and Radiology, College of Veterinary and Animal Sciences, Mannuthy from 31.07.1989 and later promoted as Assistant Professor in 1991 and became Associate Professor of Surgery and Radiology in 2002 after acquiring PhD. He was promoted as Professor in 2010. During this period, he had a



short stint of one year and two months' service as Director, Surgical Animal Modeling at Kard Scientific India Private Ltd, Pune; an American based Contract Research Organization (2006-2007). Later, he was elevated as Professor and University Head, Department of Veterinary Surgery and Radiology in Kerala Veterinary and Animal Sciences University from 2014. He has served as Professor and Head, Department of Veterinary Surgery and Radiology, CoVAS, Pookode (2010-11) and Professor and Head of University Veterinary Hospital, Mannuthy (2011-2013) and continued as Professor and University Head, Department of Veterinary Surgery and Radiology, KVASU till retirement on superannuation.

He has worked in several other positions in KVASU and implemented three mega projects in KVASU viz. Digital Radiology Unit (NABARD-RIDF, Rs 55 lakh), The State of the art, Teaching Veterinary Clinical Complex (ICAR-EFC Grant, Rs 15 Crore) and eVetconnect, the first of its kind in Veterinary Universities in India (NABARD-RIDF & State Plan, Rs 99 lakh) and as Principal and Co-Principal Investigator in several External Aided Projects of department which are his outstanding contributions in the University to mention and to leave as worth legacy. During his tenure in the Department of Surgery and Radiology he introduced a Revolving Fund Project entitled “Comprehensive Surgical Care” to run the department in self-sustaining mode.

In his 30 years of service, he has published 107 scientific and 17 popular articles to his credit, wrote a chapter in a book and presented papers in several international and national seminars and symposia. He has guided 1 PhD and 13 MVSc scholars as Major Guide, 6 PhD and 29 MVSc scholars as minor guide. He has organized one National Symposium of Indian Society for Veterinary Surgery (ISVS) in 2013 at Thrissur and eight training programme as Course Director. He was the recipient of KAU Merit scholarship for B.V.Sc. & A.H (1980-1986), ISVS Gold medal and ISVS Appreciation Certificates for best paper presentation Appreciation Award for Implementing eVetconnect project in KVASU (2016) and Achiever Award 2018 for outstanding contributions in Veterinary Science instituted by Dean, College of Veterinary and Animal Sciences, Mannuthy.

He was referee for National Journals and External Examiner to several South Indian Veterinary Universities. He was member of Selection Committee as Expert for Veterinary Universities of South India and Sree Chitra Tirunal Institute of Medical Sciences and Technology, Thiruvananthapuram. He has active membership in professional bodies viz. IVA, ISVS, ISACP, Blue Cross Society of Thrissur, VFTA, Veterinary College Alumni Association and Veterinarians Welfare Society etc and held various positions in professional organizations of teachers and scientists.

He was nominee of Committee for the Purpose of Control and Supervision of Experiments in Animals to Institutional Animal Ethics Committee of 17 institutions in Kerala, appointed by the Ministry of Environment, Forest and Climate Change, Government of India, New Delhi

Remembrance

Professor (Dr.) Sohan Singh Rathore

Former Dean, College of Veterinary Sciences, Ludhiana

Dr Sohan Singh Rathore, former President of Indian Society for Veterinary Surgery, an eminent veterinarian, great teacher and clinician left for heavenly abode on 1st February, 2019 at Jaipur. Dr. Sohan Singh Rathore was born at Kishengarh, Rajasthan on 14.12.1933.

Dr Rathore was the student of first batch (1954-58) of B.V.Sc. & A.H. degree programme of Bikaner Veterinary College. He got his M.S. from Michigan State University, USA, and his Ph.D. degree from Utrecht University (Netherlands) in 1968. Dr Rathore, served at Bikaner Veterinary College and College of Veterinary Sciences, PAU Ludhiana in different positions as Assoc. Professor/Professor/Dean. After retirement, he joined Apollo College of Veterinary Medicine, Jaipur as founder Dean.

Dr Rathore has immensely contributed to the profession and will be remembered as great veterinarian for long time to come. *Indian Society for Veterinary Surgery extends heartfelt condolences to the bereaved family and pray that the departed soul rest in peace.*

Professor (Dr.) K.N. Muraleedharan Nayar

Former Dean, College of Veterinary and Animal Sciences, Mannuthy, Thrissur, Kerala expired on 03.12.2019.

Dr. K.N. Muraleedharan Nayar, was a native of Mannanam, Kottayam District, Kerala was born on 16.11.1941. He joined the Kerala Veterinary College, Mannuthy during 1959 for undergraduate programme and acquired BVSc degree in 1963. After working in the Animal Husbandry Department of Kerala for short period, joined the Kerala Veterinary College as Lecturer in Surgery in 1965. Subsequently he took MVSc in Surgery from University of Madras (1971) and PhD from Haryana Agricultural University (1983).

Dr. Nayar was an eminent teacher and liked by his students and colleagues. He was promoted as Associate Professor in Surgery and Radiology (1978) and a Professor in 1986. He became Head of the Department of Surgery and Radiology in 1994. He was holding the post of Dean, College of Veterinary and Animal Sciences, Mannuthy from 2000 till his retirement on 15.11.2001.

There are more than 75 published scientific articles to his credit and a considerable number of papers in International and National Seminars and Symposia. He guided many M.V.Sc. and PhD scholars as Minor and Major Advisor.

He was examiner for postgraduate courses of Tamil Nadu University of Veterinary and Animal Sciences, Chennai, University of Agricultural Sciences, Bangalore and Andhra Pradesh Agricultural University. He was included in the selection committees for the appointment of Faculty members in various Agricultural Universities and in organisations like SreeChitraTirunal Institute of Medical Sciences & Technology, Thiruvananthapuram, Kerala.

Dr. Nayar has served as member of Academic Council of Kerala Agricultural University (KAU) for a term and as President of KAU Veterinary Faculty Teachers Association.

During 1988, he in association with few other Veterinarians in the State of Kerala established Veterinarians' Welfare Society. He continued in the Governing body of this society for many years. He was instrumental in the formation of Veterinary College Alumni Association, Kerala and member of its Managing Body for a long period. He was a life member of Indian Society for Veterinary Surgery (ISVS) and Indian Veterinary Association, Kerala. He was the Organizing Secretary of 24th Annual Congress of ISVS and National Symposium in 2000 at Mannuthy, Thrissur. He was the founder President of Indian Society for Veterinary Surgery, Kerala Chapter.

He was the recipient of several awards for his contributions in the treatment of Elephants. He was Consultant Surgeon for the treatment of the elephants at GuruvayoorDevaswom, (which owns nearly 60 elephants) and also for the Thiruvambady and ParamakkavuDevaswom, Thrissur.

Dr. Nayar is survived by his wife, Mrs. Padmakumari and only son, Dr. Amrit and daughter in law, Dr. Bindu, both are Veterinarians. He was a great Veterinary Surgeon, dedicated to the profession. His innumerable students and colleagues mourn his untimely loss. *May his soul rest in eternal peace.*

Professor (Dr.) C. Abraham Varkey

Former Professor of Surgery, Department of Veterinary Surgery and Radiology, College of Veterinary and Animal Sciences, Mannuthy

Dr. C. Abraham Varkey was a native of Kottayam District of Kerala and born on 18.03.1936. He completed BSc from Madras University (Madras Christian College; 1957), BVSc from the University of Kerala (Kerala Veterinary College, Mannuthy; 1962) and MVSc in Veterinary Surgery from Agra University (Veterinary College, Mathura; 1972).

He had undergone short term training in Small Animal Surgery and Anaesthesia from Ontario Veterinary College, Guelph, Canada under Common Wealth Veterinary Interchange Fund.



He started the career as Veterinary Surgeon in the Department of Animal Husbandry, Kerala in 1962 and joined as Lecturer in the Department of Veterinary Surgery and Radiology, College of Veterinary and Animal Sciences, Mannuthy in 1977. He was promoted as Assistant Professor in 1978 and Associate Professor in 1982. He was posted as Associate Professor and Head, Veterinary College Hospital, Mannuthy in 1983 and Professor in the Department of Surgery and Radiology in 1990, till his retirement on March 17, 1996.

He was instrumental in starting the Student Co-operative Society at Kerala Veterinary College during his college days. He was Assistant Warden of College Hostel and his discipline and love towards the students are always cherished by them. He has more than 25 scientific articles to his credit and several paper presentations in National seminars and symposia. He guided many post graduate students as Major and Minor Advisor. He was a life member of Indian Society for Veterinary Surgery and Indian Veterinary Association. He had served for a term as Vice President of Kerala Agricultural University Veterinary Faculty Teachers Association.

Dr. Varkey was actively associated with the project of conservation of indigenous cattle especially "Vechur Cattle" the native breed of Kerala and was also involved with Vechure Trust for the conservation of this indigenous breed.

He is survived by his wife, Dr. SosammaIpe, Retired Professor of Kerala Veterinary College, Daughter, Dr. Rebeca Mini (USA), Son-in-Law, George Varghese, Son, Mr. George Abraham (Canada), Daughter-in-Law. Shrutha George and grandchildren. His engaging smile and pleasant demeanour is surely missed by innumerable students and colleagues and they mourn on his untimely loss. *May his soul rest in eternal peace.*