



ANSICON-2025

19th-21st, November



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INDIAN JOURNAL OF ANIMAL NUTRITION

(A tri-annual publication)

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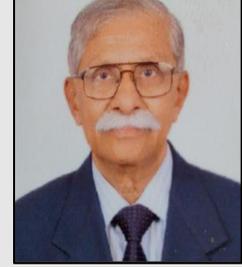
19th-21st, November



ANSI LIFE TIME ACHIEVEMENT AWARD

CITATION: Dr. M.M. Kailash

Born on 4th August 1945, Dr. M. M. Kailas obtained his B.V.Sc. degree from the Veterinary College, Bangalore in 1969, M.V.Sc. in Animal Nutrition from the Kerala Veterinary College, Thrissur in 1971, and Ph.D. in Animal Nutrition from the Deemed University of ICAR–Indian Veterinary Research Institute (IVRI) in 1990. Dr. Kailas began his professional career as an Instructor at the Veterinary College, Bangalore, in 1972. He was subsequently promoted to Assistant Professor in 1977, Associate Professor in 1985, and Professor of Dairy Production in 1991. In 1996, he was appointed Head of the Department of Animal Husbandry Extension Education, and in 1998, became Professor and Head, Department of Livestock Production and Management. In recognition of his leadership and service, he was appointed Dean, Veterinary College, Bangalore, by the Karnataka Veterinary, Animal and Fisheries Sciences University in 2005. During his tenure, Dr. Kailas made significant contributions to teaching, research, and livestock management. He has published 42 scientific papers, 2 books, and numerous popular articles in Kannada on feeding management and profitable livestock production. He has guided 10 M.V.Sc. students in Animal Nutrition and Livestock Production and Management. As In-charge of the University Dairy Farm, he introduced scientific management practices, significantly improving productivity and profitability. Dr. Kailas received the Dr. N. D. Kehar Award for the Best Ph.D. Thesis from IVRI and the Lifetime Achievement Award (2016) from the Indian Society of Animal Production and Management. He was also honoured with the “Pashudhan Prahare” Lifetime Achievement Award by the Ram Singh Memorial National Animal Welfare Award in 2023. After his superannuation in 2005, Dr. Kailas was appointed by the Government of the United Arab Emirates as a Wildlife Nutritionist, where he served for seven years. During this period, he represented India at two international conferences on wildlife, zoo, and aquatic animal feeding management held in Colorado (USA) and Leipzig (Germany).



In recognition of his exemplary leadership, academic distinction, and lifelong commitment to the advancement of Animal Nutrition, the Animal Nutrition Society of India proudly confers upon Dr. M. M. Kailas; the Lifetime Achievement Award.



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ANSI LIFE TIME ACHIEVEMENT AWARD

CITATION: Dr. S.V. Deshmukh

Dr. Shrikant Vishwasrao Deshmukh was born on September 29, 1952, in Maharashtra. He obtained his B.V.Sc. & A.H. degree with First Class from Dr. P.D.K.V., Akola in 1976, M.V.Sc. (A.H.) in Animal Nutrition with First Class from J.N.K.V.V., Jabalpur in 1979, and Ph.D. in Animal Nutrition from ICAR–Indian Veterinary Research Institute, Izatnagar in 1989. He is a Fellow of the National Academy of Veterinary Sciences (India) since 2007 and a Fellow of the Indian Poultry Science Association (India) since 2016. Dr.



Deshmukh has rendered 38 years of distinguished service in teaching, research, and university administration. His illustrious career includes serving as Director (Administration), Dr. B. V. Rao Institute of Poultry Management & Technology, Pune; Associate Dean, College of Veterinary and Animal Sciences, Parbhani; Registrar and Controller of Examinations, Maharashtra Animal and Fishery Sciences University, Nagpur; and Professor of Animal Nutrition. He is presently serving as Technical Director, VitaNutrix Foods and Feeds Ltd., Pune, continuing his invaluable contributions to the livestock and feed industry. A revered academician and mentor, Dr. Deshmukh has guided over 20 M.V.Sc. and 2 Ph.D. scholars, and has authored more than 55 scientific papers, including seven in international journals of repute. His pioneering work in Poultry, Rabbit, and Ruminant Nutrition, Feed Technology, and Farmer Training Programs has had a lasting impact on livestock production and rural livelihoods. He has successfully coordinated several government-funded projects and training programs aimed at feed resource management and self-employment generation for youth. Dr. Deshmukh's exemplary contributions have been recognized through numerous honors including the ICAR Merit Fellowship, Certificates of Merit from CLFMA of India (1989–1991), and several Distinguished Service Awards from Marathwada Agricultural University and Maharashtra Animal & Fishery Sciences University. He has represented India in international scientific conferences in the USA, South Korea, and China, and has delivered keynote lectures at several national forums.

In recognition of his exemplary leadership, academic distinction, and lifelong commitment to the advancement of Animal Nutrition, the Animal Nutrition Society of India proudly confers upon Dr. S.V. Deshmukh; the Lifetime Achievement Award.



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ANSI LIFE TIME ACHIEVEMENT AWARD

CITATION: Dr. S.P. Tiwari

Prof. (Dr.) Sita Prasad Tiwari, an eminent academician, visionary administrator, and internationally acclaimed Animal Nutritionist, was born on June 10, 1959, in Madhya Pradesh, India. A graduate in Veterinary Science and Animal Husbandry from Jawaharlal Nehru Krishi Vishwa Vidyalyaya, Jabalpur (1981), he earned his M.V.Sc. (Animal Nutrition) from Haryana Agricultural University, Hisar (1983) and his Ph.D. from the ICAR–Indian Veterinary Research Institute, Izatnagar (1988). With over three decades of distinguished service, Dr. Tiwari has held several prestigious academic and administrative positions, including Professor and Head, Animal Nutrition at Indira Gandhi Krishi Vishwavidyalaya, Raipur; Director of Research, Dean of Faculty, and Director of Animal Biotechnology at Chhattisgarh Kamdhenu Vishwavidyalaya, Durg; and Vice-Chancellor of Nanaji Deshmukh Veterinary Science University, Jabalpur (2020–2024). He has also served as President, Vice President, and General Secretary of NAVNAW, Vice President of ANA and AAS, and represented India at numerous international scientific forums. Renowned for his pioneering work in strategic supplementation, integrated farming systems, bypass protein technology, area-specific mineral mixtures, medicated urea molasses mineral blocks, Panchgavya products, and rumen biotechnology. His research on nutrition–reproduction–climate interactions has been widely recognized for its practical and policy relevance. A prolific researcher, he has authored over 200 research papers, 10 books, 16 book chapters, and numerous manuals, bulletins, patents, and policy papers, while mentoring over 42 postgraduate and doctoral scholars in animal nutrition and allied disciplines. A Fellow of the Animal Nutrition Association, Indian Poultry Science Association, National Academy of Veterinary Sciences, and National Academy of Veterinary Nutrition and Animal Welfare, he has implemented over 30 major research projects, including several international collaborations. Dr. Tiwari has served on the Governing Body of ICAR, the Veterinary Council of India, and multiple ICAR committees, RACs, and accreditation panels. His exemplary work has earned numerous national and international distinctions, including the Dr. N.D. Kehar Gold Medal, the International Award from the Ministry of Science and Higher Education of the Russian Federation, and Lifetime Achievement Awards from Udayana University (Indonesia), NAVNAW, NSPD, and the MP Women Poultry Producer Company Ltd., along with the Krishi Shiromani, National Science, and Academic Excellence Awards. He holds the prestigious Kamdhenu Chair at NDVSU, Jabalpur, and has been conferred the honorary rank of Colonel Commanding Officer for his outstanding leadership. Widely travelled and globally respected, he has represented India in collaborations across Russia, Malaysia, Taiwan, Thailand, Japan, and South Korea.



In recognition of his visionary leadership, academic excellence, and lifelong commitment to animal nutrition, the Animal Nutrition Society of India proudly confers upon Dr. S. P. Tiwari; the Lifetime Achievement Award.



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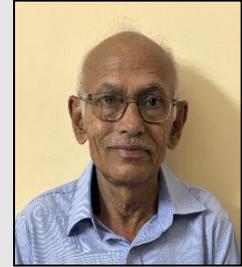
19th-21st, November



ANSI LIFE TIME ACHIEVEMENT AWARD

CITATION: Dr. A.B. Majumdar

Dr. Asit Baran Majumdar was born on 19 November 1949 in the holy city of Varanasi, Uttar Pradesh. He obtained his Ph.D. in Animal Nutrition from Chaudhary Charan Singh Haryana Agricultural University (CCS HAU), Hisar, in 1991. Dr. Majumdar began his professional career in 1974 with the ICAR–Indian Grassland and Fodder Research Institute (IGFRI), Jhansi, in the Plant–Animal Relationship Division. Over nearly four decades of service, he rose to Principal Scientist in 1998 and held several administrative roles including In-Charge Head of Division, In-Charge Human Resource Development, and Chairman of institutional committees. His pioneering research focused on fodder conservation through silage, amelioration of low-grade roughages by ammoniation, and replacement of concentrates with leaf meal in ruminant diets. He contributed to the identification and nutrient evaluation of fodder oat, bajra, cowpea, and *Stylosanthes* varieties and studied the impact of heavy-metal pollution on feed quality and rumen function. As Co-Principal Investigator, he played a key role in the identification and release of five fodder oat varieties, emphasizing forage quality. Dr. Majumdar has published over 150 research papers and book chapters in reputed journals. Recipient of the FAO Fellowship (1979), he received advanced training in forage conservation and silage technology at the Grassland Research Institute, Hurley (UK) and visited leading UK and Irish institutes including the Rowett Institute, Reading NIRD, Edinburgh School of Agriculture, and Hannah Dairy Institute, where he interacted with eminent scientists such as Ørskov and P. McDonald. His innovative work on silage fermentation in high-moisture corn was recognized by the British Grassland Society, and he was later nominated Honorary Member of the Governing Body, GRI Hurley (UK). Dr. Majumdar served as CEC Member (1999–2005) and Vice-President (Central Zone, 2007, 2009, 2024) of the Animal Nutrition Society of India (ANSI), Vice-President of the Animal Nutrition Association (2022), Editorial Board Member of *Forage Research*, and Life Member of the Society for Buffalo Development. After retiring from ICAR–IGFRI (Jhansi) in 2011, he continued to teach as Guest Faculty at RLB Central Agricultural University (Jhansi), receiving the Best Teacher Appreciation Award (2018). He also served as Consultant for the National Dairy Plan Project on silage and fodder seed development in Pune and Baramati, and as Expert Trainer for the Governments of Maharashtra and Uttar Pradesh.



In recognition of his exemplary leadership, academic distinction, and lifelong commitment to the advancement of Animal Nutrition, the Animal Nutrition Society of India proudly confers upon Dr. A.B. Majumdar; the Lifetime Achievement Award.



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ANSI LIFE TIME ACHIEVEMENT AWARD

CITATION: Dr. Manju Wadhwa

Dr. Manju Wadhwa, a pioneering figure in Animal Nutrition, has devoted more than three decades to advancing livestock research, education, and sustainable feeding practices. Her scientific journey reflects a rare blend of intellectual rigor, innovation, and commitment to animal welfare and environmental stewardship. An alumna of Punjab Agricultural University (PAU), Ludhiana, where she earned her Ph.D. in Biochemistry, Dr. Wadhwa joined the Department of Animal Nutrition in 1987. This transition from basic to applied science proved transformative—integrating biochemical principles into livestock research and strengthening the scientific foundation of animal nutrition. Her research on efficient utilization of feed resources, precision feeding, enteric methane mitigation, and the use of agro-industrial and horticultural by-products has led to the completion of 21 research projects and an impressive body of work comprising over 320 scientific publications, including 136 research papers. Among her notable innovations are fruit- and vegetable-waste-based feeds, value-added by-products, and paddy-straw-based nutritional pellets, promoting sustainable residue management under the slogan “Karlo Parali Muththi Mein.” Her contributions have earned international recognition, including appreciation from the FAO, and she has represented Indian animal nutrition research at global forums in Malaysia, China, Thailand, Canada, and Turkey. The close of her formal service has not marked the end of her pursuits; through academic committees, research reviews, and mentorship, Dr. Wadhwa continues to embody intellectual vitality and a steadfast dedication to the advancement of animal nutrition.



In recognition of her exemplary leadership, academic distinction, and lifelong commitment to the field of animal nutrition, the Animal Nutrition Society of India proudly confers upon Dr. Manju Wadhwa; the Lifetime Achievement Award.



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ANSI LIFE TIME ACHIEVEMENT AWARD

CITATION: Dr. Neeta Agarwal

Dr Neeta Agarwal (MSc. PhD) born on August 30, 1952 at Bareilly UP, pursued her education at Bareilly College, Bareilly. She started her carrier as CSIR Pool Officer in 1987 at Animal Nutrition Division, ICAR-Indian Veterinary Research Institute, Izatnagar, and developed methods for purification of enzymes from buffalo liver parasites. She joined ICAR services as Technical Officer (T6) in 1988 in Animal Physiology and Climatology Division, ICAR-IVRI and developed a simple and economical method for extraction of bioactive follicle stimulating hormone from buffalo pituitaries. In 1995, Dr Agarwal transferred to Animal Nutrition Division and retired as Chief Technical Officer in 2012. She contributed immensely in developing probiotic products for ruminants and swine and anti-methanogenic phytogenic products for ruminants. Dr Agarwal has developed many processes and methodologies on various aspects of rumen microbiology and biotechnology. She also explored diversity of rumen microbiota in wild as well as domestic ruminants using techniques like qPCR, 16S rRNA libraries, metagenomic, meta transcriptomics etc. She was instrumental in organizing 21 CAS/CAFT short courses as core faculty. Dr. Agarwal has been mentoring students of Animal Nutrition Division in general and rumen microbiology in particular since her joining in the division. She visited Ohio Agriculture Research and Development Center, Wooster under NATP program and University of Illinois, Champaign Urbana, USA under FAO/IAEA project. She has published more than 150 research papers in national and international journals of high repute, authored four books, has 16 chapters in various books, edited two books and 21 compendia of short courses in Animal Nutrition. She is a recipient of many Best Paper awards. She was awarded the best Technical Officer Award of IVRI in 2011. She was also recognized as an outstanding Reviewer Editor in 2021 and then upgraded to Associate Editor of Frontiers in Microbiology. Dr Agarwal is presently the Editor of Animal Nutrition and Feed Technology.



In recognition of her exemplary leadership, academic distinction, and lifelong commitment to the advancement of Animal Nutrition, the Animal Nutrition Society of India proudly confers upon Dr. Neeta Agarwal; the Lifetime Achievement Award.



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ANSI LIFE TIME ACHIEVEMENT AWARD

CITATION: Dr. A.K. Tyagi

Dr. Amrish Kumar Tyagi, former Assistant Director General (Animal Nutrition & Physiology), ICAR, New Delhi, is a distinguished scientist and academic leader who has made outstanding contributions to the advancement of animal nutrition in India. Prior to this, he served as Joint Director (Research), Principal Scientist, and Head, Animal Nutrition Division at the ICAR–National Dairy Research Institute (NDRI), Karnal. With over 34 years of rich experience in research, teaching, and institutional leadership, Dr. Tyagi has been an active member of several high-level national and international committees, including IDF, FSSAI, DBT Task Force, DBT-STAG, BIS, and has served on IMC and RAC of various ICAR institutes and veterinary universities. His extensive research portfolio includes major collaborative projects under Indo-UK, Indo-USA, and Indo-Ireland programmes, along with externally funded projects from DBT, DST, NDDB, the World Bank, and the Bill & Melinda Gates Foundation. In addition, he has successfully executed over thirty consultancy and sponsored research projects, including eight industry-led collaborations, bridging science and industry through impactful innovation. A prolific researcher and technology developer, Dr. Tyagi has contributed significantly to the creation and commercialization of several technologies and patents, demonstrating strong expertise in innovation management, financial planning, and revenue generation. He has guided 25 Ph.D. and M.V.Sc. students, shaping the next generation of animal nutrition scientists, and has published over 150 research papers in reputed national and international journals. As a Visiting Professor under the European Union Programme, Dr. Tyagi delivered invited lectures at several prestigious universities, including Ghent University (Belgium), University of Catania (Italy), University of Montpellier (France), and Wageningen University (The Netherlands), enhancing international scientific collaboration in dairy and animal nutrition research. In recognition of his exemplary contributions to animal science, Dr. Tyagi has been conferred Fellowships of the National Academy of Agricultural Sciences (NAAS), Animal Nutrition Society of India (ANSI), Animal Nutrition Association (ANA), and the National Academy of Dairy Science (India) (NADSI). He is also the proud recipient of the prestigious VAVIK Industrial Award and the CLFMA Achievement Award for his outstanding service to the livestock sector.



In recognition of his exemplary leadership, academic distinction, and lifelong commitment to the advancement of Animal Nutrition, the Animal Nutrition Society of India proudly confers upon Dr. A.K. Tyagi; the Lifetime Achievement Award.



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ANSI LIFE TIME ACHIEVEMENT AWARD

CITATION: Dr. Tilak Dhiman

Dr. Tilak Dhiman has made exceptional contributions to the field of Animal Nutrition throughout his distinguished career. He is currently the President and Owner of NutraPro International LLC, USA. Dr. Dhiman earned his B.Sc. in Agriculture (Animal Science) in 1977 and M.Sc. in Animal Science (Animal Nutrition) in 1979 from Himachal Agricultural University, Palampur, where he was awarded the University Gold Medal (1979). He completed his Ph.D. in Animal Nutrition from the National Dairy Research Institute, Karnal, receiving both the Gold Medal (1991) and the ICAR Jawaharlal Nehru Award for Best Thesis. He began his professional career as Associate Dairy Scientist at the University of Wisconsin, Madison (1992) and later joined Utah State University (1996), where he served as Assistant Professor and was promoted to Associate Professor (2003). Subsequently, he held key leadership positions including Director, Institute for Environmental Health Laboratories, Washington (2008), and Senior Business Consultant, South Asia, at Diamond V Inc., Iowa (2014–2020). Over the years, Dr. Dhiman has served as a consultant to several prestigious organizations, including the American Soybean Association (2000–2008), U.S. Environmental Protection Agency (EPA) – Project on Improving Livestock Productivity and Reducing Methane Emissions in India (1997–2003), ACDI/VOCA, Washington D.C. (2000–2004), Winrock International, Arlington, VA (2002–2003), Chinese Academy of Agricultural Sciences, Beijing (2005–2014), and Embrapa Dairy Cattle Research Center, Brazil (2005–2006). As Principal Investigator (PI) and Co-PI, he has led numerous projects aimed at improving feeding systems, feed processing, and nutrient utilization efficiency to enhance livestock productivity while reducing environmental impact. His pioneering research led to a U.S. Patent (No. 5770247) for developing methods to increase conjugated linoleic acid (CLA) in cow's milk. Dr. Dhiman's academic contributions include 46 peer-reviewed papers, 15 non-reviewed publications, 2 book chapters, 77 research abstracts, 8 trade magazine articles, and over 66 invited lectures at national and international forums. He has also guided 12 Ph.D. and Master's students, leaving a lasting mark as a mentor and thought leader in animal nutrition and dairy science.



In recognition of his exceptional contributions, professional achievements, visionary leadership, and lifelong commitment to the advancement of Animal Nutrition, as well as his generous sponsorship of the *Dr. Tilak Dhiman Best Research Award*, the Animal Nutrition Society of India proudly confers upon Dr. Tilak Dhiman; the Lifetime Achievement Award.



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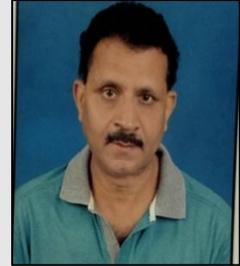
19th-21st, November



ANSI LIFE TIME ACHIEVEMENT AWARD

CITATION: Dr. V.K. Khatta

Born on January 2, 1956, Dr. V. K. Khatta completed his schooling at the Government Secondary School, Dharamsala, Himachal Pradesh, and graduated in Agriculture from Himachal Pradesh Krishi Vishwa Vidyalaya (HPKVV), Palampur. He obtained his M.Sc. and Ph.D. degrees in Animal Nutrition from the same university, earning a Gold Medal for academic excellence during his Master's program. Dr. Khatta began his professional career in January 1983 as an Assistant Research Officer at Chaudhary Charan Singh Haryana Agricultural University (CCS HAU), Hisar. In 1989, he joined SKUAST, Srinagar, as Associate Professor-cum-Senior Scientist, and returned to HAU in 1991, where he was later promoted to Professor in 2004. He served as Head, Department of Animal Nutrition, from February 2013 until his superannuation, contributing significantly to teaching, research, and academic leadership. An accomplished researcher, Dr. Khatta has published over 50 research papers in reputed national and international journals, along with several technical bulletins, extension articles, and a widely acclaimed laboratory manual on Animal Nutrition. He has successfully implemented a Rashtriya Krishi Vikas Yojana (RKVY) project and several state-sponsored research programmes, focusing on improving livestock feeding systems and nutritional management. Dr. Khatta is a recipient of the Dr. S. P. Arora Outstanding Research Paper Award from the Animal Nutrition Society of India (ANSI) for his valuable scientific contributions. He has served as a member of numerous selection committees for Assistant, Associate, and Professor positions in various universities and was also designated Chairman of the Screening Committee for Senior Scientist posts by the Agricultural Scientists Recruitment Board (ASRB), New Delhi. In addition, he contributed as a member of the All-India Council for Technical Education (AICTE) in formulating vocational courses related to agriculture and animal sciences. Following his retirement, Dr. Khatta continued to share his academic expertise as a Professor at Mekelle University, Ethiopia, demonstrating his continued dedication to education and research in Animal Nutrition at the international level.



In recognition of his exemplary leadership, academic distinction, and lifelong commitment to the advancement of Animal Nutrition, the Animal Nutrition Society of India proudly confers upon Dr. V.K. Khatta; the Lifetime Achievement Award.



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ANSI LIFE TIME ACHIEVEMENT AWARD

CITATION: Dr. S. Parnekar

Dr. Subhash Parnekar graduated from the College of Veterinary Science and Animal Husbandry, Mhow (JNKVV, Jabalpur) and obtained his Master's and Ph.D. degrees in Animal Nutrition from NDRI, Karnal. He began his career as an Assistant Professor at the Veterinary College, Gujarat Agricultural University in 1980 and, after serving in various capacities, retired in 2016 as Professor and Head, Department of Animal Nutrition, College of Veterinary Science and Animal Husbandry, Anand Agricultural University, Anand.



During his illustrious career, he served as Resource Person in several training programmes and winter schools, and as examiner and expert for multiple universities and State Public Service Commissions. He was also a Member of the Technical Committee for Dairy Development Schemes, Department of Animal Husbandry, Government of Gujarat, and served on the BIS Committee on Livestock Feeds and Equipment Systems (2004–2009). Dr. Parnekar monitored 13 major research projects funded by ICAR, DBT, NATP, NDDB, and the World Bank. He has published 30 research papers, 30 technical reports/bulletins, 20 popular articles, and 2 book chapters. He guided 21 M.V.Sc. and 5 Ph.D. students and taught several postgraduate courses. His research focused on developing economic feeding systems for small ruminants, ration balancing for dairy animals, area-specific mineral mixtures, and on-farm evaluation of bypass nutrients and TMR feeding systems. He established a Feed Quality Testing Laboratory worth ₹2 crore, managed the ICAR Experiential Learning Unit, and developed Feed Processing and Mineral Mixture Units under the University Revolving Fund. His research has resulted in 35 scientific and 44 farmer-oriented recommendations in animal nutrition. As Organising Secretary of the Twelfth Animal Nutrition Conference of ANSI (2006) at Anand, he played a major role in promoting scientific exchange. Dr. Parnekar received the Dr. S. K. Ranjhan Best Doctoral Thesis Award (1991–93) from ANSI, the Prof. J. P. Trivedi Award (1996 & 2015) for his contributions to animal sciences and micronutrient management in Gujarat, and the Sardar Patel Agricultural Research Award (1998–99) for outstanding contributions to livestock research and development.

In recognition of his exemplary leadership, academic distinction, and lifelong commitment to the advancement of Animal Nutrition, the Animal Nutrition Society of India proudly confers upon Dr. S. Parnekar; the Lifetime Achievement Award.



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ANSI LIFE TIME ACHIEVEMENT AWARD

CITATION: Dr. Anil Kumar

Dr. Anil Kumar, born on 7th January 1958 in village Athain, Muzaffarnagar district, Uttar Pradesh, obtained his Bachelor's degree from Meerut University, and Master's (1982) and Ph.D. (1985) degrees in Animal Nutrition from G.B. Pant University of Agriculture & Technology, Pantnagar, where he was awarded the CSIR Junior and Senior Research Fellowships during his doctoral program. He began his professional career in 1986 as Assistant Professor at the Gujarat Agricultural University, Sardar Krushinagar, and later joined the Department of Animal Sciences, G.B. Pant University, as Assistant Professor in 1988. He became Associate Professor in 1998 and Professor in 2005, retiring in June 2023 after an illustrious academic career spanning more than 37 years. A dedicated teacher and mentor, Dr. Kumar revised undergraduate course outlines, prepared UG laboratory manuals, and developed postgraduate courses as per ICAR guidelines. He taught a wide range of Animal Nutrition courses to UG, PG, and Ph.D. scholars, guiding 13 Master's and 2 Doctoral students, and serving on numerous advisory committees. r. Kumar successfully executed 10 national and international research projects funded by UPCAR, ICAR, and NATP, among others. His pioneering research in rumen biotechnology, bypass protein and fat nutrition, and improvement of crop residues and poor-quality roughages has significantly contributed to efficient nutrient utilization and improved livestock productivity. He has published 69 research papers in reputed journals, 6 books and laboratory manuals, 3 extension bulletins, 18 popular articles, and 7 book chapters, and presented around 70 research papers at national and international conferences. He served as Professor and Head (Animal Nutrition) from 2015–2020 and again from 2022 until superannuation, and as Joint Director, Instructional Dairy and Poultry Farms for over five years. His administrative contributions also include serving as Warden, Staff Counsellor, Secretary, and Joint Coordinator (Post Graduate College), as well as Public Information Officer. Dr. Kumar's excellence has been recognized through several honours, including the Best Teacher Award, multiple Best Paper Awards, and the Kamdhenu Award for the Sahiwal herd (₹3 lakh prize) on World Milk Day 2017. He also underwent advanced training at the Ohio State University, USA under the NATP program. He has served as Vice-President of the Animal Nutrition Association (2016–2018) and as a Central Executive Committee Member of the Animal Nutrition Society of India (2006–2007). His distinguished academic, research, and administrative contributions have left an enduring impact on the field of Animal Nutrition in India.



In recognition of his exemplary leadership, academic distinction, and lifelong commitment to the advancement of Animal Nutrition, the Animal Nutrition Society of India proudly confers upon Dr. Anil Kumar; the Lifetime Achievement Award.



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ANSI DR. DVR PARKASH RAO BEST ANIMAL NUTRITIONIST AWARD

CITATION: Dr. R. Bhatta

Dr. Raghavendra Bhatta is presently serving as Deputy Director General (Animal Science) at the Indian Council of Agricultural Research (ICAR), New Delhi. Prior to this, he led the ICAR–National Institute of Animal Nutrition and Physiology (NIANP), Bengaluru, as Director (2014–2024). He earned his Ph.D. in Veterinary Science (Animal Nutrition) from Veterinary College, Bengaluru, and received Gold Medals for his academic excellence during both his Master’s and Doctoral programs at the University of Agricultural Sciences, Bengaluru. He was awarded the prestigious Japan Society for the Promotion of Science (JSPS) Postdoctoral Fellowship, conducting research at the National Institute of Livestock and Grassland Science (NILGS), Japan, and later pursued advanced postdoctoral training at the USDA, Texas (2011). Dr. Bhatta began his professional journey in 1993 as a Scientist at the ICAR–Central Sheep and Wool Research Institute, Rajasthan, before joining NIANP, Bengaluru, in 2003. As Director, he spearheaded the modernization of institutional infrastructure, fostered international collaborations with Germany, Australia, Japan, ILRI, IAEA, and led major initiatives such as the Indo-French ECLIPSE Project and AICRP on Methane. Under his leadership, NIANP received the ICAR Sardar Patel Outstanding Institute Award (2022) and the Outlook–Swaraj Outstanding Institute Award (2022). A Fellow of the National Academy of Veterinary Sciences, National Academy of Agricultural Sciences, Karnataka Science and Technology Academy, and the National Academy of Dairy Sciences–India, Dr. Bhatta has been honoured with numerous prestigious awards, including the Sir C.V. Raman State Award, ANA–Dr. DVR Prakash Rao Outstanding Researcher Award, Eminent Scientist Award, ANA–Dr. Usha Rani Mehra Lifetime Achievement Award, Dr. N.N. Dastur Memorial Oration Award, Dr. S.K. Talapatra Memorial Oration Award, Dr. P. Bhattacharya Memorial Award (NAAS), and the ICAR Rafi Ahmed Kidwai Award for Outstanding Research in Agricultural Sciences. Dr. Bhatta has authored over 200 research papers, 45 book chapters, and three books (Cambridge University Press and Springer). He holds four patents, fourteen copyrights, and five ICAR-certified technologies, three of which have been successfully commercialized—including the renowned anti-methanogenic product, Harit Dhara, and OmeB. Recognized among the world’s top 2% scientists by Stanford University for five consecutive years (2020–2024), Dr. Bhatta’s scientific leadership and innovation have profoundly advanced livestock nutrition and climate-resilient agriculture.



In recognition of his visionary leadership, academic excellence, and lifelong dedication to the advancement of animal science, the Animal Nutrition Society of India proudly confers upon Dr. R. Bhatta; the ANSI Dr. D.V.R. Prakash Rao Best Animal Nutritionist Award.



ANSICON-2025

19th-21st, November



ANSI BEST TEACHER AWARD

CITATION: Dr. P. Vasanthakumar

Born on 21.05.1969, Dr P. Vasanthakumar graduated from Veterinary College and Research Institute, Namakkal in 1993. He completed M.V.Sc. in Animal Nutrition at IVRI, Izatnagar during 1995 and Ph.D. from Tamil Nadu Veterinary and Animal Sciences University, Chennai (TANUVAS) during the year 2002. He joined as Assistant Professor in the year 1996 at Tamil Nadu Veterinary and Animal Sciences University, Chennai. He was elevated as Associate Professor in 2009 and as Professor in 2012. He has put more than 29 years of service in TANUVAS. He is currently working as Head of the Department of Animal Nutrition at VCRI, Namakkal. He has served as course teacher for more than 102 numbers of UG & PG courses. He has guided more than 30 students as major / minor guide, implemented 23 institutional / external funded projects, acted as external examiner / expert in 16 institutions, published more than 80 research papers in Indian and foreign journals. Organized 2 summer schools / one ICAR short course, delivered more than 100 guest lecturers for faculties, extension functionaries, entrepreneurs and farmers. Conducted more than 90 numbers of capacity building / awareness creation / skill development trainings for extension functionaries, farmers & rural youth. Currently, acting as Course Director for Postgraduate Diploma in 'Feed Manufacturing Technology' offered by TANUVAS. He was instrumental in the establishment of 'Feed and Fodder Technology Unit' at a cost of Rs. 200 lakhs and 'Environment Controlled Experimental Poultry House Facility' at a cost of Rs. 54 lakhs. He has undergone Overseas Training at University of Georgia, United States of America funded by World Bank under National Agricultural Higher Education Project, ICAR, New Delhi. He has been conferred with a) Dr K.S.Krishnan Fellowship for Research b) CSIR – Senior Research Fellowship c) RAJANI KULKARNI BEST TEACHER AWARD of TANUVAS and d) Fellow of Animal Nutrition Association, India.



In recognition of his outstanding contribution and professional achievements, Animal Nutrition Society of India (ANSI) confers Best Teacher Award to Dr. P Vasanthakumar.



ANSICON-2025

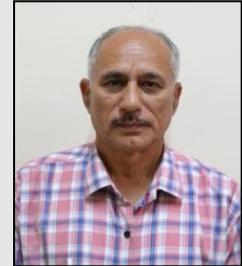
19th-21st, November



ANSI DR. TILAK DHIMAN BEST RESEARCHER AWARD

CITATION: Dr. Sultan Singh

Dr. Sultan Singh working as Principal Scientist at ICAR-Indian Grassland and Fodder Research Institute, Jhansi had more than 30 years of research experience in field of Animal Nutrition. Demonstrated trans-inoculation technique to propagate desirable rumen microbes between ruminants to improve rumen feed utilization efficiency. Develop protein and energy feeding standards for Bhadawari calves. Optimized grass: tree leaves/shrubs ratios and their species to develop small ruminants' silvipasture system. Work out methane emission factors for ruminants (cattle, buffalo, sheep & goat), sex (male, female) and age/physiological groups. Isolated and screened polyphenolic compounds (ML7, AM5, SV7, PD7 and JA7) from tree foliages to mitigate enteric methane emission. Develop data base on chemical composition and nutritive value (protein; cell wall; carbohydrate and protein fractions; energy value etc.) of important feed and fodder resources of country. Develop process for organic fodder, feed and milk production (SGS Certificate IN11350). Identify PC-5, CSV-17, PVK-809 and SPV-1616 sorghum genotypes for higher stover protein and digestibility and M35-1 and CSV-15 for stay green trait. Contributed in Bhadawari buffalo improvement and conservation through AI, improved bull and dam distribution to government and non-government agencies and farmers in its breeding tract districts of UP and MP. Contribute in development of two Lucerne varieties (DL-2 & DL-5) and one Oat variety (JHO21-1). Register three novel genetic stocks of *Cenchrus ciliaris* (IG96-50, IG96-96 and IG96-401) for high sugar and ensiling properties and SGS-389 as novel sorghum genotype with unique floral morphology at National Bureau of Plant Genetic Resources, New Delhi. Publish more than 160 research papers in national and international journals. Recipient of *ICAR Team Award for Multidisciplinary Team Research* (1997), *ICAR-Young Scientist Award* (1999-2000). Fellow of Uttar Pradesh Academy of Agricultural Sciences (UPAAS, Lucknow), Fellow ANSI, Fellow ANA, Fellow RMSI, Gold Medal RMSI, RMSI Recognition Award, Bhadawari buffalo breed Conservation award (NBAGR, Karnal). He has international exposure through INSA-DFG exchange programme (University of Bonn, Germany), Endeavour Research Fellow (Australia), National Institute for Environmental Studies, Japan (Japan, Cambodia, Laos & Vietnam), international conferences (Ireland, UK, France, Netherlands & Switzerland).



In recognition of his outstanding contribution and professional achievements, Animal Nutrition Society of India (ANSI) confers Dr. Tilak Dhiman Best Researcher Award to Dr. Sultan Singh.



ANSICON-2025

19th-21st, November



ANSI DR. TILAK DHIMAN BEST RESEARCHER AWARD

CITATION: Dr. P.K. Malik

Dr. Pradeep Malik is currently serving as Principal Scientist and Head, Bioenergetics and Environmental Sciences Division, at the ICAR–National Institute of Animal Nutrition and Physiology (NIANP), Bengaluru. He completed his postdoctoral research at the University of Queensland (UQ), Brisbane, and the Commonwealth Scientific and Industrial Research Organisation (CSIRO), Australia. A distinguished researcher in the field of bioenergetics and environmental physiology, Dr. Malik has made significant contributions to understanding and mitigating methane emissions from livestock. He has developed several innovative technologies for methane measurement and mitigation, eight of which have been successfully licensed multiple times to various industries and research institutions. Dr. Malik has published over 70 research papers in high-impact international journals, authored five books and more than 50 book chapters, and holds 10 patents to his credit. His research outcomes have had a direct impact on climate-resilient livestock production systems. He also serves as a Lead Member of the Methodologies Expert Panel on CCTS under the Ministry of Agriculture, and as a Steering Committee Member of the Livestock and Climate Solutions Hub of the International Livestock Research Institute (ILRI). Dr. Malik has established a strong collaborative research network with globally renowned organizations, including the International Atomic Energy Agency (IAEA), World Bank, CSIRO, University of Queensland, Shinshu University (Japan), International Livestock Research Institute (ILRI), National Institute of Livestock and Grassland Science (Japan), University of Kassel, and Georg August University of Göttingen (Germany). He has successfully executed several national and international research projects funded by ICAR, DBT, DST, DFG, ILRI, and IAEA, contributing substantially to the development of sustainable livestock production systems and climate-smart animal agriculture.



In recognition of his outstanding contribution and professional achievements, Animal Nutrition Society of India (ANSI) confers Dr. Tilak Dhiman Best Researcher Award to Dr. P.K. Malik.



ANSICON-2025

19th-21st, November



ANSI BEST EXTENSIONIST AWARD

CITATION: Dr. Udeybir Singh

Dr. Udeybir Singh Chahal completed his B.V.Sc. & A.H. in 1996, M.V.Sc. (Animal Nutrition) in 1998, and Ph.D. (Animal Nutrition) in 2006 from CCSHAU, Hisar, Haryana. He began his academic career as Assistant Professor at NDU&T, Faizabad, Uttar Pradesh, where he was the founder In-charge of the Department of Animal Nutrition. In 2008, he joined Guru Angad Dev Veterinary and Animal Sciences University (GADVASU), Ludhiana, as Animal Scientist, and later established the Regional Research and Training Centre, Kaljharani, developing various livestock, fisheries, and vermicompost units. He was promoted as Principal Scientist in 2015 and served as Head, Department of Animal Nutrition, from 2021 to March 2025. He presently continues as Principal Scientist at GADVASU. Dr. Chahal has made remarkable contributions in teaching, research, and extension. He developed the postgraduate curriculum in Animal Nutrition, authored five books, nine book chapters, and seventeen practical manuals, along with several extension publications including booklets and compendiums. He has guided fourteen postgraduate and one Ph.D. student, and served on advisory committees of many others. He has also been a valued examiner, evaluator, and paper setter for various universities and national bodies. A prolific researcher, Dr. Chahal has published over one hundred papers in reputed national and international journals, besides contributing research abstracts and invited lectures. As Principal Investigator and Co-PI in several funded projects, he developed nine technologies and eight nutritional products, including mineral mixtures for pigs and fish and innovative vegetarian dog diets. In the field of extension, Dr. Chahal has been instrumental in farmer training and capacity building. As In-charge of the Farmer's Advisory Cell and Information Centre at GADVASU, he coordinated fifty-four training programmes, delivered over 350 expert lectures, and participated in numerous Pashu Palan Melas and animal welfare camps. His outreach efforts earned him the Best Extensionist Award by the *Society of Animal and Veterinary Husbandry Extension Education* and the Excellence in Teaching Award by the *Samagra Vikas Welfare Society*. A Fellow of the Animal Nutrition Association, Dr. Chahal has also held several leadership roles in the Animal Nutrition Society of India (ANSI), including President, Vice President (NZ), Secretary, and CEC Member. Under his leadership, ANSI organized multiple international conferences and workshops in collaboration with leading industry partners such as CLFMA, AIDA, and BCIL. Recognizing his outstanding service to the livestock sector, CLFMA honored him with the *CLFMA Award*.



In recognition of his exemplary academic leadership, distinguished research, and dedicated service, the Animal Nutrition Society of India proudly confers the "Best Extensionist Award" upon Dr. Udeybir Singh Chahal for his outstanding professional achievements and lifelong commitment to Animal Nutrition.



ANSICON-2025

19th-21st, November



ANSI FELLOW AWARD

CITATION: Dr. N.K.Shivakumar Gowda

Dr. N.K. Shivakumar Gowda has been actively involved in basic and strategic research in Nutrition of farm animals. He has successfully evaluated novel feed resources like areca sheath, pineapple fruit residue, azolla, maize grain sprouts, moringa forage, mulberry forage and promoted them for livestock feeding as alternatives to conventional feeds. He has developed practical methods of aflatoxin counteraction in feeds and studied the antioxidant and immune-modulating property of curcumin in turmeric against aflatoxicosis.



He has conducted extensive studies on livestock feeding systems, nutrient and mineral status of animals in different agri-eco zones and formulated area specific mineral mixture for dairy animals, specific mineral mixture for small ruminants and a novel feed supplement to improve fertility and milk fat in dairy animals. His work on Boron in animals has deciphered its role as a novel micronutrient for improving calcium utilization, immune-modulation, semen quality and stress alleviation. He is the principal innovator for three patents granted on use of areca sheath as dry fodder, mineral mixture for small ruminants and silage from pineapple fruit residue. He has commercialized the technology of area specific mineral mixture for dairy animals, mineral mixture for small ruminants and silage from pineapple fruit residue to multiple firms. He has formulated and validated nutritional strategies for fertility improvement in dairy animals. He has published research articles in journals of high repute, conducted several capacity building Programmes for researchers and farmers, received several awards and honors. He has served at different managerial capacities as Head, Animal Nutrition Division, ICAR-NIANP and Dean, Veterinary college, Bengaluru.

In recognition of his outstanding contribution and professional achievements, Animal Nutrition Society of India confers ANSI Fellow Award to Dr. N.K. Shivakumar Gowda.



ANSICON-2025

19th-21st, November



ANSI FELLOW AWARD

CITATION: Dr. R.K. Sharma

Dr. Ramesh Kumar Sharma, born on 10 October 1965 in Jammu (J&K), is presently serving as Professor and Head, Division of Animal Nutrition, Faculty of Veterinary Sciences & Animal Husbandry, SKUAST–Jammu. With over 29 years of distinguished experience in teaching, research, and extension, he has been leading the Division of Animal Nutrition for more than two decades. Dr. Sharma earned his B.V.Sc. & A.H. degree from SKUAST (J&K), where he received the Gold Medal for securing first position in his programme. He completed his M.V.Sc. and Ph.D. in Animal Nutrition from the ICAR–Indian Veterinary Research Institute (IVRI), Izatnagar, establishing a strong foundation for his prolific academic and research career. As a mentor and educator, Dr. Sharma has guided four Ph.D. and twenty M.V.Sc. scholars as major advisor and served as a committee member for over 135 postgraduate students, contributing immensely to human resource development in animal nutrition. He has successfully handled and is currently handling research projects worth approximately ₹131 crores as Principal Investigator or Co-Principal Investigator, reflecting his exceptional research leadership. Dr. Sharma’s innovative research contributions have led to two granted technology patents (i) Isolation of a fraction with prebiotic activity from rumen liquor (Patent No. 439666) and (ii) Surfactant-aided improved methodology for urea-ammoniation of straw (Patent No. 499770) — along with a registered design patent for a Feeding Station for Goats (Design No. 464618-001). He has also played a pivotal role in developing the farmer-friendly Android application “Dudharoo” and in commercializing the CT-enriched multi-nutrient block technology, translating laboratory innovations into field impact. A prolific author, Dr. Sharma has published over 125 research papers in reputed national and international journals, authored or edited eight books, and developed twelve teaching manuals along with several extension publications aimed at knowledge dissemination and field application. Dr. Sharma’s professional excellence has been recognized through numerous accolades, including the Dr. S. K. Ranjhan Award for Best Doctoral Thesis, and Fellowships from the Animal Nutrition Association (ANA), the National Academy of Veterinary Nutrition and Animal Welfare (NAVNAW), and the National Academy of Veterinary Sciences (NAVS). An accomplished scientist, dedicated teacher, and visionary leader, Dr. Ramesh Kumar Sharma continues to make significant contributions to advancing livestock nutrition, technology development, and farmer empowerment in India.



In recognition of his outstanding contribution and professional achievements, Animal Nutrition Society of India confers ANSI Fellow Award to Dr. R.K. Sharma.



ANSICON-2025

19th-21st, November



ANSI FELLOW AWARD

CITATION: Dr. Sunil Naik

Dr. Sunil Nayak is a distinguished Animal Nutritionist currently serving as Professor and Head, Department of Animal Nutrition, and Director of Extension Education at the Nanaji Deshmukh Veterinary Science University (NDVSU), Jabalpur (M.P.). With over 34 years of experience in teaching, research, and extension, he has made notable contributions to feed resource utilization, livestock productivity, and sustainable animal nutrition. Born on June 27, 1965, in Satna District, Madhya Pradesh, Dr. Nayak holds an excellent academic record, securing top ranks in his Bachelor's and Master's programs and earning his Ph.D. with honours. Before joining academia, he gained valuable industry experience with Phoenix Hatcheries, SmithKline Beecham Pharmaceuticals, and Venkateshwara Hatcheries. He began his academic career in 1995 as Assistant Professor at J.N.K.V.V., Jabalpur. Dr. Nayak's research focuses on poultry nutrition and region-specific, sustainable feeding strategies. His key innovations include the commercialization of Area-Specific Mineral Mixtures (NARMADA-MIN) and Urea Molasses Mineral Blocks (NARMADA-VET-MIN-LICK)—both ISO 9001:2015 certified—which have been widely adopted to improve livestock health and productivity. He also developed a Feed Calculator for Cattle and Buffalo (2024) and established a Panchyagavya Unit (2023) at NDVSU for eco-friendly, cow-based products. As Principal Investigator or Co-PI, he has handled 13 major research projects, including collaborations with Nutreco Netherlands B.V./Trouw Nutrition R&D and Triplant, Switzerland. His research on feed additives and nutritional interventions has significantly improved milk, meat, and egg quality. An inspiring academic leader, Dr. Nayak has guided four Ph.D. and 21 M.V.Sc. scholars, many of whom have earned Best Thesis Awards. His scholarly output includes over 110 research papers, 11 books, and numerous technical bulletins and popular articles. As Director of Extension Education since 2017, he has expanded NDVSU's outreach and farmer engagement, earning the Life Time Achievement Award from the Society of Krishi Vigyan, Punjab, and the Fellowship of the Indian Society for Veterinary and Animal Husbandry Extension. A Fellow of the National Academy of Veterinary Nutrition and Animal Welfare and former Vice-President of the Animal Nutrition Association of India, Dr. Nayak continues to serve various national scientific committees including PSC, ICAR, ASRB, and VCI.



In recognition of his outstanding contribution and professional achievements, Animal Nutrition Society of India confers ANSI Fellow Award to Dr. Sunil Naik.



ANSICON-2025

19th-21st, November



ANSI FELLOW AWARD

CITATION: Dr. Sajjan Sihag

Dr. Sajjan Sihag, Principal Scientist and Head, Department of Animal Nutrition at the Lala Lajpat Rai University of Veterinary and Animal Sciences (LUVAS), Hisar, is a distinguished academician, researcher, and administrator with over three decades of dedicated service in the field of Animal Nutrition. Beginning his career as an Assistant Scientist in 1995, he rose to Scientist in 2004 and Principal Scientist in 2010. Alongside his academic role, he currently serves as Director, Students' Welfare-cum-Estate Officer and Landscape Officer, and has previously held several key positions including Dean, College of Dairy Science and Technology, and Head of the Departments of Dairy Chemistry, Dairy Engineering, and Dairy Business Management. His leadership in student welfare, hostel administration, and campus development reflects a holistic approach to education and institutional growth. An accomplished teacher, Dr. Sihag has been actively involved in undergraduate and postgraduate teaching for B.V.Sc. & A.H., M.V.Sc., and Ph.D. programmes, guiding eight Ph.D. and twenty M.V.Sc. scholars. Renowned for his conceptual clarity and practical teaching style, he has mentored numerous students who now hold prominent positions in academic and research institutions across India. A prolific researcher, Dr. Sihag has published 114 research papers in reputed national and international journals, authored one book, two booklets, and four compendiums, and has earned 461 citations with an h-index of 11. His major research contributions include the exploration of novel feed resources, utilization of agro-industrial by-products, phytogenic feed additives, treatment of low-grade feeds, methane mitigation, and development of superior fodder varieties. He has successfully led several ICAR and RKVY-funded projects, contributing significantly to sustainable livestock production and nutritional innovation. Dr. Sihag is the recipient of several prestigious awards, including the Dr. S. P. Arora Outstanding Research Paper Award (ANSI), Best Researcher Award (LUVAS), and Best Paper Award from the Society for Veterinary Science and Biotechnology. He has served as an examiner and expert across various veterinary universities in India and Nepal and has organized ICAR training programmes, Junior Research Fellowship coaching for B.V.Sc. students, farmer trainings, and professional workshops for veterinarians and extension officers. His extensive extension work includes numerous lectures, radio talks, and television programmes on livestock and poultry feeding management.



In recognition of his outstanding contribution and professional achievements, Animal Nutrition Society of India confers ANSI Fellow Award to Dr. Sajjan Sihag.



ANSICON-2025

19th-21st, November



ANSI FELLOW AWARD

CITATION: Dr. Sanjita Sharma

Prof. (Dr) Sanjita Sharma, born on 18th July, 1966 at Bikaner, obtained M,V,Sc. and PhD in Animal Nutrition from SK RAU and RAJUVAS, Bikaner. She is working as DEAN, Post Graduate Studies at RAJUVAS, Jaipur. She is extra ordinary in academics and was university topper in all UG, PG and PhD programmes with ICAR fellowships. She achieved numerous awards including two times GOLD MEDALS by Hon'ble Governor and widely travelled internationally to various countries of globe. She is an able academic leader, who served the institute as faculty member in India and abroad and later as DEAN of the Institute. She is a genuine researcher who conceptualized and developed "*Centre of Excellence on Milk Quantity and Safety*" accredited by NABL and also headed various externally funded projects by DST, ICMR etc. She received FNAPM and NAVS fellowships from national societies and awarded prestigious international "*Fulbright Fellowship*" by Government of USA, rare distinction for any veterinarian. Prof Sanjita Sharma is a recognized '*high grade drama Artist*' by *All India Radio*, creative painter and trained horse rider, participated in Equestrian show during Pre republic day parade at Delhi. Her research Interest is *milk Quality and safety* and author of many peer reviewed papers, books and guided about 50 PG students. She is a pleasant personality and very encouraging to students and young faculty members.



In recognition of her outstanding contribution and professional achievements, Animal Nutrition Society of India confers ANSI Fellow Award to Dr. Sanjita Sharma.



ANSICON-2025

19th-21st, November



ANSI FELLOW AWARD

CITATION: Dr. Rakesh Kumar

Born on 15th December 1970 in Rajasthan, Dr. Rakesh Kumar has established himself as a distinguished agronomist, researcher, and academic leader whose work has significantly advanced animal nutrition and fodder production systems in India. A Gold Medalist in M.Sc. (Ag.) from Swami Keshwanand Rajasthan Agricultural University, Bikaner, he earned his Ph.D. in Agronomy from Chaudhary Charan Singh Haryana Agricultural University, Hisar, in 1999. Dr. Kumar joined ICAR the same year and rose through the ranks from Senior Scientist and Principal Scientist at ICAR–NDRI, Karnal, to his current position as Assistant Director General (Agronomy, Agroforestry & Climate Change) at ICAR Headquarters, New Delhi. Over nearly three decades of professional service, Dr. Kumar has made outstanding contributions to forage agronomy, integrated nutrient management, and sustainable crop–livestock production systems. He has developed several ICAR-certified technologies promoting low-input, economically viable fodder production models for resource-poor farmers. These innovations have enhanced fodder yield, nutritive value, and soil health while aligning with national sustainability and climate resilience goals. A prolific researcher and committed educator, Dr. Kumar has published over 130 peer-reviewed papers, 20 book chapters, and 40 training and extension publications on sustainable fodder production, nutrient management, and soil–plant–animal linkages. As a mentor, he has guided six Ph.D. and nine M.Sc. scholars as major advisor, and co-guided twenty-nine postgraduate students across agronomy and allied disciplines. He has also designed and taught several postgraduate and doctoral courses, reflecting his academic leadership and depth of expertise. Dedicated to capacity building and farmer outreach, Dr. Kumar has organized and led more than 30 national-level training programmes, workshops, and farmer–scientist interactions, effectively bridging research and field application while nurturing future agronomists and animal nutrition professionals. Dr. Kumar’s excellence has been recognized through several honours, including Fellow of the National Academy of Dairy Science (India) (2018), Outstanding Scientist Award (ICAHPS, 2016), and the Dr. Sarvepalli Radhakrishnan Best Teacher Award (2021). His long association with the Animal Nutrition Society of India (ANSI) has been equally impactful—serving as Joint Secretary (2014–16), Councillor (2017–18), and Editorial Board Member of the *Indian Journal of Animal Nutrition* (2015–18). Through these roles, he strengthened the Society’s academic and organizational dimensions while fostering collaboration and innovation in livestock nutrition research.



In recognition of his outstanding contribution and professional achievements, Animal Nutrition Society of India confers ANSI Fellow Award to Dr. Rakesh Kumar.



ANSICON-2025

19th-21st, November



ANSI FELLOW AWARD

CITATION: Dr. P.K. Naik

Born on 25th August 1971 in Jhariapali village of Sundargarh district, Odisha, Dr. Prafulla Kumar Naik obtained his B.V.Sc. & A.H. degree from Odisha University of Agriculture and Technology (OUAT), Bhubaneswar in 1994. He earned his M.V.Sc. and Ph.D. degrees in Animal Nutrition from the ICAR–Indian Veterinary Research Institute (IVRI), Izatnagar in 1997 and 2002, respectively. Dr. Naik began his professional career in 2002 as Assistant Professor at Guru Angad Dev Veterinary and Animal Sciences University (GADVASU), Ludhiana, and later joined ICAR–Central Coastal Agricultural Research Institute (CCARI), Goa, where he served as Senior Scientist and Principal Scientist until 2014. He is presently working as Principal Scientist at the Regional Station, ICAR–Central Avian Research Institute/Directorate of Poultry Research (CARI/DPR), Bhubaneswar. His major research contributions include the development of low-cost indigenous bypass fat technology, economical hydroponic fodder production, fodder preservation and enrichment of crop residues, complete feeding systems, and the use of unconventional feeds, dietary supplements, and additives in livestock and poultry nutrition. He has authored over 250 publications, including more than 90 research papers, and his work has received over 2,150 citations with an h-index of 26 and an i10-index of 46 on Google Scholar. In recognition of his exemplary contributions to research, teaching, and extension, Dr. Naik has received numerous honors, including the Dr. N. D. Kehar Best Ph.D. Thesis Award, Dr. K. Pradhan Young Scientist Award, and 14 Best Oral and Poster Presentation Awards at various national and international conferences. He has been elected Associate Fellow of the National Academy of Veterinary Sciences, and Fellow of the Animal Nutrition Association, the National Academy of Veterinary Nutrition and Animal Welfare, the National Academy of Dairy Science, and the Applied Zoologists Research Association. Dr. Naik is also an active member of 12 professional societies and has served as Vice-President, Council Member, Councillor, Editorial Board Member, and Reviewer in several of them.



In recognition of his outstanding contribution and professional achievements, Animal Nutrition Society of India confers ANSI Fellow Award to Dr. P.K. Naik.



ANSICON-2025

19th-21st, November



ANSI FELLOW AWARD

CITATION: Dr. Sohan Vir Singh

Dr. Sohan Vir Singh was born on 25 May 1965 in Bagpat district, Uttar Pradesh. He is currently serving as Principal Scientist (Animal Physiology) at the ICAR–National Dairy Research Institute (NDRI), Karnal, Haryana. With more than 33 years of experience in research, teaching, and extension, Dr. Singh has made significant contributions in the field of climate change and environmental physiology, particularly in assessing their impact on livestock production and developing ameliorative strategies. He obtained his Master’s degree from the ICAR–Indian Veterinary Research Institute (IVRI), Izatnagar, and Ph.D. from ICAR–NDRI, Karnal. He has successfully completed several institute research and externally funded projects, including an international project under AgMIP, as Principal Investigator or Co-PI. At present, he is leading the Farmer FIRST Project (funded by ICAR, New Delhi) and the Artificial Insemination Network Project at Muzaffarnagar (funded by DADF, Government of India). His innovative technologies developed under the Farmer FIRST Project were recognized by ICAR, New Delhi, and honored by the Hon’ble Minister of Agriculture & Farmers’ Welfare, Government of India, on the occasion of ICAR Foundation Day. Dr. Singh is a Fellow of several professional bodies, including the National Academy of Dairy Sciences (India), Animal Physiologists Association (APA), Society for Conservation of Domestic Animal Biodiversity (SOCDAB), and the Society of Animal Physiologists of India (SAPI). He has guided 20 Master’s and 9 Doctoral students, authored over 160 research papers, 50 popular articles, and several books, book chapters, and extension publications. He has also represented India in international training programs and project meetings in the Philippines, Zimbabwe, and Senegal.



In recognition of his outstanding contribution and professional achievements, Animal Nutrition Society of India confers ANSI Fellow Award to Dr. Sohan Vir Singh.



ANSICON-2025

19th-21st, November



ANSI FELLOW AWARD

CITATION: Dr. D. Rajendran

Professor (Dr.) D. Rajendran, Principal Scientist at the ICAR–National Institute of Animal Nutrition and Physiology (NIANP), Bengaluru, is an accomplished researcher, academician, and innovator in the field of Animal Nutrition. He obtained his Bachelor of Veterinary Science degree from the Tamil Nadu Veterinary and Animal Sciences University (TANUVAS), Chennai, in 1997, and completed his M.V.Sc. in Animal Nutrition from the ICAR–Indian Veterinary Research Institute (IVRI), Bareilly, where he was awarded the Junior Research Fellowship for academic excellence. He began his professional career as Lecturer at the West Bengal University of Animal and Fishery Sciences in 2000. He subsequently pursued his Ph.D. in Animal Nutrition at Madras Veterinary College, Chennai, earning three Gold Medals—the TANUVAS Gold Medal, Dr. Richard Masilamani Memorial Award, and TANUVAS Alumni Award—in recognition of his outstanding doctoral research. Dr. Rajendran joined the Veterinary College and Research Institute, Namakkal, as Assistant Professor (Animal Nutrition), where he established a Feed Mill under the Revolving Fund Project. His early research on nano minerals in animal nutrition paved the way for new approaches in improving mineral bioavailability. Under his mentorship, two undergraduate students won the ALLTECH Young Scientist Awards in 2010 and 2011. In 2010, he joined ICAR–NIANP, Bengaluru, as Senior Scientist, where his pioneering work on nanotechnology in animal nutrition gained international recognition. His research, which enhanced understanding of nano-mineral bioavailability and its role in animal health, was awarded the Best Thesis Award by the Animal Nutrition Journal (Elsevier Pvt. Ltd.). A prolific researcher, Dr. Rajendran has 185 publications, including 65 research papers, 27 book chapters, 37 technical articles, and 20 teaching manuals. He has received 15 national and international awards, delivered an invited guest lecture in Vietnam, and guided 12 Master’s and 5 Doctoral students as Chairman or Advisory Committee member. He has developed four software tools and two Android applications, published five ready reckoners, and designed a diagnostic kit—with over 25,000 copies of his ready reckoners distributed nationwide, revolutionizing knowledge dissemination in Animal Nutrition. Dr. Rajendran has successfully completed 11 externally or institute-funded research projects and is currently leading five ongoing projects. He has been conferred Fellow of the Animal Nutrition Association (ANA) and Fellow of the International Society of Biotechnology (FISBT).



In recognition of his outstanding contribution and professional achievements, Animal Nutrition Society of India confers ANSI Fellow Award to Dr. D. Rajendran.



ANSICON-2025

19th-21st, November



ANSI FELLOW AWARD

CITATION: Dr. M. Gendley

Dr. Manoj Kumar Gendley, born on 2nd October 1974 in Mungeli district of Chhattisgarh, is a distinguished academic and researcher in the field of Animal Nutrition. He obtained his B.V.Sc. & A.H. from Mhow (1998), M.V.Sc. in Animal Nutrition from ICAR–IVRI, Izatnagar (2001), and Ph.D. from College of Veterinary Science and Animal Husbandry, Anjora, Durg (2010). He is presently serving as Professor and Head, Department of Animal Nutrition, College of Veterinary Science and A.H., Anjora, Durg, under DSVCKV, and is also officiating as Dean, LSPN College of Fisheries, Kawardha. With over 21 years of professional experience, Dr. Gendley has guided eight M.V.Sc. and two Ph.D. scholars, co-advised fifteen postgraduate students, and published more than 87 research papers in reputed national and international journals. He has represented India in six prestigious international conferences held in Thailand, Sri Lanka, Japan, Nepal, Indonesia, and Australia, showcasing Indian advancements in animal nutrition at the global level. His notable innovations—area-specific mineral mixtures, urea molasses mineral blocks, and complete feed formulations—have significantly enhanced livestock productivity in the region. In recognition of his outstanding contributions, Dr. Gendley has received several national honors, including the Krishak Shiromani, Bharat Vikas, Distinguished Scientist, and DSVCKV Best Teacher Awards. He has also been conferred the prestigious Fellow of NAVNAW, acknowledging his exceptional leadership in animal nutrition research and education.



In recognition of his outstanding contribution and professional achievements, Animal Nutrition Society of India confers ANSI Fellow Award to Dr. M. Gendley.



ANSICON-2025

19th-21st, November



ANSI FELLOW AWARD

CITATION: Dr. G.P. Mandal

Dr. G. P. Mandal is currently serving as a Professor in the Department of Animal Nutrition at the West Bengal University of Animal & Fishery Sciences (WBUAFS) in Kolkata. Dr. Mandal earned his BVSc & AH from WBUAFS, Kolkata in 1998, followed by an MVSc from NDRI, Karnal in 2000, and completed his PhD at IVRI, Izatnagar in 2004. He received the JRF and SRF from ICAR during his postgraduate and doctoral studies. Prior to his tenure at WBUAFS, he held the position of Assistant Professor for 3 years at SKUAST-Jammu and for 1 year at CAU, Aizawl. Dr. Mandal has dedicated 22 years to teaching and research, during which he has successfully guided 10 MVSc and 5 PhD students. Throughout his tenure, he handled 10 research and consultancy projects as the principal investigator, funded by national and international agencies. He has published over 60 research articles in esteemed national and international journals, achieving an h-index of 20 and a total citation count of 1616. His main research focus encompasses trace minerals in livestock and alternatives to antibiotic growth promoters in poultry. He has developed lactobacillus-based probiotics and postbiotics as substitutes for AGP in poultry. He also visited Thailand, Myanmar, and South Africa to deliver talks and present research papers at seminars and conferences.



In recognition of his outstanding contribution and professional achievements, Animal Nutrition Society of India confers ANSI Fellow Award to Dr. G.P. Mandal.



ANSICON-2025

19th-21st, November



ANSI FELLOW AWARD

CITATION: Dr. Atul Dhok

Dr. Atul Dhok born on 31st July 1974, graduated from Nagpur Veterinary College; completed post graduate in Animal Nutrition from PGI, Dr. PDKV, Akola and Doctorate in Animal Nutrition from MAFSU, Nagpur. He has got 25 years experience of teaching, research and extension. He has developed and formulated milk replacer for goat kids, explored newer feed resource soybean hulls in the region, developed methane mitigation strategies easily acceptable by farmers which reduces methane emission in buffaloes and also economizes the milk production. He has developed mechanism of utilization of waste cotton stalk in animal feed through ozone treatment by increasing its nutritive value, also developed technology for preparation of pelleted complete feed from cotton stalk by cold processing, designed cattle biscuit machine and its formulation for agrarian economy. He has established feed technology unit and developed five new products. He has implemented 20 research projects funded by different National Agencies and Industry, published 92 research articles and released 13 research recommendations for farmers and industry. He has established 35 BLD units on Poultry and Goat rearing for tribal farmers and published 8 success stories. He is recipient of Fellow Animal Nutrition Association, Dr. SK Ranjhan Best Doctoral Thesis Award, University Best Researcher Award, Best Extension Officer Award and Best Teacher Award.



In recognition of his outstanding contribution and professional achievements, Animal Nutrition Society of India confers ANSI Fellow Award to Dr. Atul Dhok.



ANSICON-2025

19th-21st, November



ANSI ASSOCIATE FELLOW AWARD

CITATION: Dr. Muneendra Kumar

Dr. Kumar earned his B.V.Sc. & A.H. from DUVASU, Mathura in 2007. He received the ICAR-JRF during his M.V.Sc. program and the Institutional Fellowship for his Ph.D. at the National Dairy Research Institute (NDRI), Karnal. He joined the Department of Animal Nutrition, DUVASU, Mathura, as Assistant Professor on October 19, 2011. He was also awarded the prestigious VLIR-UOS Scholarship for advanced training at Ghent University, Belgium, for a period of ten weeks. Dr. Kumar has been the recipient of several notable honors, including the Ph.D. Merit Certificate, NADSI Associate Fellowship, Dr. U. B. Singh Young Scientist Award, Dr. K. Pradhan Young Scientist Award, InSc Research Excellence Award, and the VIFRA Young Scientist Award. He is a life member of various professional societies and academies and also holds one patent to his credit. As a dedicated mentor, he has supervised seven M.V.Sc. students, of whom three received the *Best Master's Thesis Award*, two were honored with the *Vice Chancellor Gold Medal*, and two received the *ANSI Best Paper Award*. His extensive scholarly output includes 115 research papers, 6 books, 20 book chapters, 10 review articles, 10 laboratory manuals, and 35 technical articles. Dr. Kumar has been associated with ten research projects and has contributed significantly through his editorial and reviewing roles, including serving as Editor of the Indian Journal of Animal Nutrition (IJAN). He has also successfully organized several academic and institutional initiatives such as four certificate courses and various institutional awards including the DUVASU Best Thesis Award, DUVASU Best Department Award, DUVASU Best Teacher Award, and the Dr. C. M. Singh DUVASU Best Ph.D. Thesis Award. The impact of his research is reflected in his strong citation profile, with over 2,000 citations, an h-index of 23, and an i10-index of 63, demonstrating his continued contribution to the advancement of Animal Nutrition and allied sciences.



In recognition of his outstanding contribution and professional achievements, Animal Nutrition Society of India confers ANSI Associate Fellow Award to Dr. Muneendra Kumar.



ANSICON-2025

19th-21st, November



ANSI ASSOCIATE FELLOW AWARD

CITATION: Dr. Monika Karnani

Dr. Monika Karnani, born on May 17, 1984, in Bikaner, Rajasthan, is an accomplished academic and researcher in the field of Animal Nutrition. She is presently serving as an Assistant Professor at the Post Graduate Institute of Veterinary Education and Research (PGIVER), Jaipur, bringing over 11 years of dedicated service in teaching, research, and extension. A meritorious scholar, Dr. Karnani obtained her Bachelor's and Master's degrees in Veterinary and Animal Science from the College of Veterinary and Animal Science, Bikaner with Gold Medal and earned her Ph.D. in Animal Nutrition (2019) from PGIVER, Jaipur. Dr. Karnani has been widely recognized for her academic excellence and professional contributions. She has received commendations from the Rajasthan University of Veterinary and Animal Sciences (RAJUVAS), Bikaner, for outstanding academic management, along with Best Oral and Poster Presentation Awards at several national and international conferences. Her research credentials are equally impressive, with 29 research papers, 47 conference presentations, and 5 book chapters to her credit. As Co-Principal Investigator of the RKVY-funded project on Establishment of Cattle Feed Processing Units at University Livestock Farms, she has significantly contributed to enhancing feed resource utilization and institutional development. Committed to outreach and knowledge dissemination, Dr. Karnani actively participates in various training programs and awareness camps. She has also delivered television and radio talks and authored popular articles, extending the benefits of scientific knowledge to farmers and stakeholders. A dedicated educator and researcher, Dr. Monika Karnani exemplifies a blend of academic excellence, research innovation, and service to the farming community, making significant contributions to the advancement of Animal Nutrition.



In recognition of her outstanding contribution and professional achievements, Animal Nutrition Society of India confers ANSI Associate Fellow Award to Dr. Monika Karnani.



ANSICON-2025

19th-21st, November



ANSI ASSOCIATE FELLOW AWARD

CITATION: Dr. Navjot Singh Brar

Dr. Navjot Singh Brar is working as an Assistant Professor (Agronomy) in Krishi Vigyan Kendra, Tarn Taran, Guru Angad Dev Veterinary and Animal Sciences University (GADVASU). With his dynamic research aptitude and extension skills, he played a significant role in promoting quality fodder production and silage making among the dairy farmers in border region of Punjab through standardization, validation, demonstration and replication of advanced techniques. During his doctoral research, he quantified the herbicide residue in green fodder and silage of winter cereals and spring maize to ensure availability of herbicide residue free fodder and also workout different rice- and maize-based crop rotations for production of quality silage from winter cereals and spring maize in Northern India. His technical hand holding to fodder production has made a significant socio-economic impact, involving round the year availability of quality fodder and silage at dairy farms at lower cost leading to socio-economic development of resource poor dairy farms in border area of state. Based on his research work on silage production, he authored a book title “Silage making - an emerging enterprise for dairy sector”. He is handling two extramural research projects as a PI; authored 26 research papers, 4 review papers in peer reviewed journals; authored 2 books and 5 book chapters; 104 extension articles; besides delivering 13 radio/TV talks. As a passionate extension worker, he is serving the dairy farmers of Punjab.



In recognition of his outstanding contribution and professional achievements, Animal Nutrition Society of India confers ANSI Associate Fellow Award to Dr. Navjot Singh Brar.



ANSICON-2025

19th-21st, November



ANSI DR. K. PRADHAN YOUNG SCIENTIST AWARD -2024

CITATION: Dr. Amit Sharma

Dr. Amit Sharma, Assistant Professor, Department of Animal Nutrition, Guru Angad Dev Veterinary and Animal Sciences University (GADVASU), Ludhiana, is recognized for his outstanding contributions to sustainable livestock nutrition and eco-friendly feed innovations. A Ph.D. graduate from ICAR–NDRI, Dr. Sharma has over seven years of academic and research experience and has pioneered the valorization of agro-industrial by-products such as bakery waste, hatchery-discarded egg meal, DDGS, and herbal residues into high-value, nutritionally balanced livestock feeds. As Principal or Co-Principal Investigator in more than ten externally funded projects (totaling over ₹2.6 crore) supported by industry leaders such as Nestlé, BASF, Reliance, and BCL Industries, he has bridged scientific research with practical field application. His work on organic trace minerals, rumen fermentation modulation, and methane mitigation strategies has significantly enhanced animal productivity while reducing the environmental footprint of dairy farming. Dr. Sharma has authored over 25 peer-reviewed publications (h-index: 12; 360+ citations), guided six Master's students, and developed field-ready technologies disseminated through farmer training, national conferences, and extension programs. His innovative feed formulations and waste-to-wealth models exemplify a visionary approach to addressing feed scarcity, sustainability, and climate resilience in animal nutrition under Indian climatic condition.



In recognition of his outstanding contribution and professional achievements, Animal Nutrition Society of India confers Dr. Amit Sharma with the Dr. K. Pradhan Young Scientist Award-2024.



ANSICON-2025

19th-21st, November



ANSI DR. K. PRADHAN YOUNG SCIENTIST AWARD -2025

CITATION: Dr. Sushil Kumar

Dr. Sushil Kumar, Scientist, Department of Animal Nutrition, Lala Lajpat Rai University of Veterinary and Animal Sciences (LUVAS), Hisar, is a Ph.D. graduate of the same university. Before joining academia, he served as Regional Technical Executive (Dairy) at Provimi Animal Nutrition India Pvt. Ltd. and later as a Veterinary Surgeon with the Department of Animal Husbandry, Government of Haryana. He joined LUVAS as a Scientist in January 2020. With over five years of experience in university teaching,



research, and extension, Dr. Kumar has made notable contributions to Animal Nutrition. His research emphasizes the evaluation of novel and unconventional feed resources such as DDGS, corn silk meal, and chicory roots, focusing on amino acid balancing in poultry diets. He has also explored the utilization of agro-industrial by-products like spent grains and conducted nutritional profiling of basmati rice cultivars to improve their feeding value for livestock. Dr. Kumar has published over 30 research papers, 4 book chapters, and 35 popular articles in reputed journals and magazines. He has guided two M.V.Sc. students and actively contributes to the Technology Incubation Centre of LUVAS, promoting innovation and entrepreneurship in Animal Nutrition.

In recognition of his outstanding contribution and professional achievements, Animal Nutrition Society of India confers Dr. Sushil Kumar with the Dr. K. Pradhan Young Scientist Award-2025.



ANSICON-2025

19th-21st, November



ANSI DR. S. K. RANJHAN BEST DOCTORATE THESIS AWARD -2024

CITATION: Dr. Jujhar Singh Sidhu

Dr. Jujhar Singh Sidhu obtained his B.V.Sc. & A.H. from the Rajasthan University of Veterinary and Animal Sciences (RAJUVAS), Bikaner, and completed his M.V.Sc. and Ph.D. in Animal Nutrition from the Guru Angad Dev Veterinary and Animal Sciences University (GADVASU), Ludhiana. He pursued his Ph.D. under the guidance of Dr. Udeybir Chahal, Principal Scientist and Former Head, Department of Animal Nutrition, and is presently serving as Assistant Professor in the same department. Dr. Sidhu was awarded the University Merit Fellowship during his Ph.D. program in recognition of his academic excellence. He has presented several research papers at national and international conferences, earning wide appreciation and multiple Best Paper Presentation Awards for his contributions. His doctoral research focused on developing a cost-effective functional egg by incorporating dried distillers' grains with solubles (DDGS), chia, and hemp seeds in layer pullet diets. The study demonstrated that DDGS could be safely included up to 12% without affecting performance, while chia and hemp seeds enriched eggs with omega-3 fatty acids, improving the ω -6: ω -3 ratio and nutritional quality.



Animal Nutrition Society of India congratulate him for receiving the Dr. S. K. Ranjhan Best Doctorate Thesis Award.

ANSI DR. S. K. RANJHAN BEST DOCTORATE THESIS AWARD -2024

CITATION: Dr. R.K. Sowjanya Lakshmi

Dr. Kasi Sowjanya Lakshmi began her academic journey at the College of Veterinary Science, Sri Venkateswara Veterinary University, Tirupati, earning her B.V.Sc. & A.H. degree in 2010 with an OGPA of 8.18/10 and receiving the INTAS Project Siksha Scholarship for academic merit. She completed her M.V.Sc. in Animal Nutrition from KVAFSU, Bangalore, securing the highest OGPA of 9.17/10 and the University Gold Medal. She obtained her Ph.D. in Animal Nutrition from the ICAR–Indian Veterinary Research Institute (IVRI) under the SAARC Agriculture Ph.D. Fellowship, with an OGPA of 8.8/10, working under the guidance of Dr. A. K. Verma, Principal Scientist. She also underwent overseas training at Penn State University, USA, through the ICAR-NAHEP Programme on next-generation microbial profiling. For her exceptional performance in academics and research, she received the S. K. Talapatra Gold Medal (2025), presented by the Hon'ble President of India, Smt. Droupadi Murmu. Dr. Sowjanya Lakshmi has published 19 research papers, 37 popular articles, 9 book chapters, and completed a research project as Co-Principal Investigator. She also received the Young Investigator Award at the TEMA–9 International Conference (2024).



Animal Nutrition Society of India congratulates her for receiving the Dr. S. K. Ranjhan Best Doctorate Thesis Award.



ANSICON-2025

19th-21st, November



ANSI DR. S. K. RANJHAN BEST DOCTORATE THESIS AWARD -2024

CITATION: Dr. K. Sushma

Dr. K. Sushma obtained her B.V.Sc. & A.H. and M.V.Sc. (Animal Nutrition) from the Sri Venkateswara Veterinary University (SVVU), Tirupati, and completed her Ph.D. in Animal Nutrition under the guidance of Professor (Dr.) M. Venkateswarlu. She is presently serving as Associate Professor, Department of Animal Nutrition, College of Veterinary Science, Korutla. Her doctoral research, entitled “*Dietary Supplementation of Organic Zinc with Vitamin A and E in Crossbred Cows and its Effect on Productive and Reproductive Performance during the Transition and Early Phase of Lactation,*” focused on the nutritional management of crossbred cows during the critical transition period. The study demonstrated that zinc methionate supplementation significantly enhanced productive and reproductive efficiency by alleviating transition stress—leading to higher milk yield, quicker return to estrus, faster uterine involution, and reduced incidence of postpartum disorders. When combined with vitamins A and E, supplementation with vitamin E proved superior in improving reproductive performance through effective mitigation of oxidative stress. Her research underscores the importance of micronutrient supplementation, particularly organic zinc and antioxidant vitamins, in improving dairy cow health and productivity. Dr. Sushma’s work provides valuable insights for developing sustainable and practical feeding strategies that enhance transition cow performance and welfare.



Animal Nutrition Society of India congratulates her for receiving the Dr. S. K. Ranjhan Best Doctorate Thesis Award.

ANSI DR. S. K. RANJHAN BEST DOCTORATE THESIS AWARD -2025

CITATION: Dr. Harneet Kour

Dr. Harneet Kour completed her B.V.Sc. & A.H. from SKUAST–Jammu and M.V.Sc. in Animal Nutrition from GADVASU, Ludhiana. She earned her Ph.D. in Animal Nutrition from the ICAR–National Dairy Research Institute (NDRI), Karnal, under the guidance of Dr. Raman Malik, Principal Scientist. Her doctoral research, “*Development and evaluation of continuous rumen bioreactor for estimation of methane emissions,*” led to the design of an indigenous, low-cost Continuous Rumen Bioreactor (CRB) capable of simulating rumen fermentation for up to 40 days. The CRB performed comparably to standard IVGPT systems, maintaining stable rumen parameters and microbial activity over extended use. She further evaluated natural methane inhibitors such as garlic, neem, sodium nitrate, and seaweed, establishing CRB as a reliable and sustainable tool for rumen simulation and livestock research. Dr. Kour received a Certificate of Appreciation from ICAR–NDRI for her innovative research advancing precision nutrition and methane mitigation.



Animal Nutrition Society of India congratulates her for receiving the Dr. S. K. Ranjhan Best Doctorate Thesis Award.



ANSICON-2025

19th-21st, November



ANSI MRS. REKHA M. CHANDRASEKHARAI AH MEMORIAL BEST MASTER'S THESIS AWARD - 2025

CITATION: Dr. Lanje Rahul Martand

Dr. Rahul Martand Lanje obtained his B.V.Sc. & A.H. degree from Nagpur Veterinary College, Maharashtra Animal and Fishery Sciences University, Nagpur, and completed his M.V.Sc. in Animal Nutrition under the guidance of Dr. Shivani Katoch at Dr. G. C. Negi College of Veterinary and Animal Sciences, CSK Himachal Pradesh Krishi Vishvavidyalaya, Palampur. His M.V.Sc. thesis, *“The Potential of Incorporating Vegetable Waste Pellets along with Citric Acid and Garlic Powder in Commercial Broiler Feed,”* addressed a critical challenge in sustainable poultry production. He developed an innovative feed formulation using vegetable waste fortified with citric acid and garlic powder, which enhanced broiler growth, nutrient digestibility, gut health, and bone mineralisation while reducing feed cost. The study highlighted the synergistic role of organic acids and phyto-additives in mitigating oxalate effects and improving mineral bioavailability. This technology valorises vegetable market waste into cost-effective poultry feed, supporting food-waste management, circular bio-economy, and the UN Sustainable Development Goals (SDGs). Animal Nutrition Society of India congratulates him for receiving the Mrs. Rekha M. Chandrasekharaiah Memorial Best Master's Thesis Award - 2025.



ANSI MRS. REKHA M. CHANDRASEKHARAI AH MEMORIAL BEST MASTER'S THESIS AWARD - 2025

CITATION: Dr. Pardeep Kaur Bhangu

Dr. Pardeep Kaur Bhangu, B.V.Sc. & A.H. and M.V.Sc. (Animal Nutrition, 2025) from Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana, conducted her Master's research under the guidance of Dr. Amit Sharma, Assistant Professor, Department of Animal Nutrition. She is presently serving as a Veterinary Officer in the Department of Animal Husbandry, Punjab. Her thesis, titled *“Inclusion of Bakery By-Products in Infertile Egg Meal-Based Diet for Viability of Broiler Production,”* explored the valorization of food and hatchery wastes as sustainable feed ingredients in poultry nutrition. The study established that bakery by-products could safely replace up to 20% of maize and hatchery infertile egg meal with shell powder (5%) could substitute soybean meal and mineral supplements without compromising growth performance, nutrient utilization, or carcass traits, while enhancing protein efficiency. This pioneering work provides a practical framework for integrating waste-to-feed strategies, reducing feed costs, and promoting environmental sustainability through circular bioeconomy principles, thereby offering tangible benefits to poultry farmers and the feed industry.

Animal Nutrition Society of India congratulates her for receiving the Mrs. Rekha M. Chandrasekharaiah Memorial Best Master's Thesis Award - 2025.





ANSICON-2025

19th-21st, November



ANSI INDUSTRY ENTREPRENEURSHIP AWARD

Fine Organic Industries Limited

Founded in 1970, Fine Organics was the brainchild of Mr. Ramesh Shah, a Mumbai-based businessman with experience in chemical trading and Mr. Prakash Kamat, a skilled technocrat from Institution of Chemical Technology. Together, they envisioned the potential of oleochemical derivatives and created an organization founded on the pillars of innovation and passion. Fine Organics prides itself in taking a customer-first approach towards anticipating needs and innovating solutions that go beyond additives and ingredients. Our products are researched, developed and tested in our modern research and manufacturing facilities. Through constant innovation and an unwavering focus on our core competencies, Fine Organics has developed a



unique range of all-natural bio-based specialty additives for a wide variety of applications like Animal Nutrition, foods, plastics, rubber, inks, cosmetics, coatings and several specialty applications. Fine Organics has developed very innovative products based on edible vegetable oils for animal nutrition segment as a green sustainable solution to replace toxic products from nutritional formulations and catering to domestic & global markets.

Animal Nutrition Society of India Congratulate M/S Fine Organics Industries Limited for ANSI Industry Entrepreneurship Award.



ANSICON-2025

19th-21st, November



ANSI BEST DEPARTMENT OF ANIMAL NUTRITION

Department of Animal Nutrition, NIANP, Bengaluru

The Animal Nutrition Division of the ICAR–National Institute of Animal Nutrition and Physiology (NIANP), Bengaluru, established in November 1995, is mandated to conduct fundamental research on the biophysical translation of nutrients for enhancing livestock productivity. Together with its sister Division of Bioenergetics & Environmental Sciences, it comprises a strong team of 12 faculty members supported by state-of-the-art laboratories for advanced nutritional research. The Division has made significant contributions in developing a national feed resource database, area-specific mineral mixtures, and innovative feed technologies such as anti-methanogenic supplements (Harit Dhara, Tamarin Plus), milk replacers, and products enhancing milk fat content (OmeB, Reprofat, Fertimin Plus). It has also pioneered work on nanominerals, nutraceuticals, and biotechnological rumen manipulation for improving fibre digestibility and nutrient efficiency. The feed charts developed for cattle, buffalo, and lambs have reached small and marginal farmers, promoting balanced nutrition and higher productivity.

ICAR-National Institute of Animal Nutrition and Physiology
Adugodi, Bengaluru - 560 030

Faculty of Animal Nutrition

 Dr. A. V. Elangovan	 Dr. Arthabandu Sahoo Director	 Dr. P. K. Malik		
 Dr. S. B. N. Rao	 Dr. M. Chandrasekharaiah	 Dr. S Anandan	 Dr. N. K. S. Gowda (On Deputation)	
 Dr. D. T. Pal	 Dr. D. Rajendran	 Dr. N. M. Soren	 Dr. M. Gopi	 Dr. Melody Lalthriapuii

NIANP

Several field-oriented technologies have been successfully commercialized through Agri-Innovate India, benefiting livestock producers nationwide. The Division maintains strong collaborations with DST, DBT, NASF, ICMR, ILRI, IAEA, CSIRO, INRA, Shinshu University, NILGS, and the University of Kassel, among others. Most faculty members possess international exposure through postdoctoral fellowships, global collaborations, and high-impact publications, reinforcing the Division's position as a leader in animal nutrition research and innovation. ANSI congratulate the Department for their achievements.



ANSICON-2025

19th-21st, November



DR. S. P. ARORA BEST PAPER AWARD-2024

K. Premkumar, D. Kannan, P. Vasanthakumar, K. Rajendran, S. Ramakrishnan, and A. Serma, Saravana Pandian. 2024. Assessment of In vitro Solubility of Stone Grit – a Major Calcium Source in Poultry Feed. *Indian Journal of Animal Nutrition*. **41(3): 480–489**.

ABSTRACT: *In-vitro* solubility experiments were conducted on 156 stone grit samples to analyze the major factors influencing solubility and their strength of correlation by using five different strengths of HCl (0.1N, 0.2N, 0.3 N, 0.5 N, and 1N), three different volumes of HCl (200ml, 100ml, 50ml), two different reaction duration (10 minutes, 30 minutes), two different particle sizes (2mm, 4mm) and two different sample weights (1g, 2g) based on the weight loss method. Solubility data analyzed in multiple linear regression model revealed that the variables such as stone size, strength of HCl, volume of HCl, and reaction duration were found to be statistically significant ($p < 0.01$) and the sample weight was statistically not significant. The strength of HCl, volume of HCl, and duration were found to be positively correlated, whereas the stone size was found to be negatively correlated with solubility. The regression equation was derived to predict the solubility values of stone grit of different particle sizes of stone grit easily with known ideal sample weight, HCl volume and strength, and reaction duration which was suggested by taking 2 grams of sample to react with 100ml of 0.2N HCl strength for 10 minutes.

ANSI OUTSTANDING PAPER AWARD-2024

Sushil Kumar, Vivek Saharan, Zile Singh Sihag, and Sajjan Sihag. 2024. Dietary Supplementation of *Shatavari* (*Asparagus racemosus*) During Transition Period Influences Blood Metabolites, Milk Production, and Its Quality in Cattle. *Indian Journal of Animal Nutrition*. **41(1): 95–104**.

ABSTRACT: *Shatavari* (*Asparagus racemosus*) has anti-oxidative, immunomodulatory and lactogenic functions. Effect of supplementing *shatavari* (*Asparagus racemosus*) root powder in the ration of peri-parturient Hardhenu cattle was evaluated. Based on most probable milk producing ability, parity and body weight, sixteen advance pregnant Hardhenu cows were divided into non-supplemental control group (CON; n=8) and supplemental group (SRP; n=8) which was fed *shatavari* root powder (SRP) @ 100mg/kg body from 60 days pre-partum until parturition and 200mg/kg body weight from parturition to 90 days post-partum. Milk yield, milk fat and protein percentage was significantly ($p < 0.05$) higher in SRP group compared to CON. Milk somatic cell count ($\times 10^5$ cells/ml) and mean CMT score was significantly ($p < 0.05$) lower in SRP group than CON. Percentage of teats infected with moderate (++) and serious (+++) sub-clinical mastitis (SCM) was comparatively less in SRP group than CON group (20.42 and 0.00% vs. 39.79 and 14.38%). Incidence of SCM during supplemental period was significantly ($p < 0.05$) lower in SRP group while it was comparable ($p > 0.05$) to CON group during residual period. Blood glucose, total cholesterol, HDL-cholesterol and total protein was significantly ($p < 0.05$) higher while BUN was lower ($p < 0.05$) in SRP group as compared to CON group. Milk yield was increased by 8.79% in SRP and the cost benefit ratio of supplementing *shatavari* was 1:2.59. It was concluded that *shatavari* supplementation in the diet of peri-parturient cows augments milk production, improves qualitative attributes of milk and reduces incidence of sub-clinical mastitis.



ANSICON-2025

19th-21st, November



DR. S. P. ARORA BEST PAPER AWARD-2025

Shivam Khare, Muneendra Kumar, Vinod Kumar, Raju Kushwaha, Shalini Vaswani, Avinash Kumar, Pankaj Kumar Shukla, Amit Kumar Jaiswal, and Srishtipriya Prasad. 2025. Effect of Dietary Chromium Supplementation in Transition Calves on Insulin Sensitivity and Biomarkers of Rumen Development. *Indian Journal of Animal Nutrition*. **42(2): 228–240.**

ABSTRACT: This 100-day transition phase study was started at 15 days of age and ended at 115 days of calves' age. A total of 24 Haryana calves were randomly assigned into four groups (n = 6), i.e., without supplemental chromium (Cr) as control or 0.05 mg, 0.10 mg, and 0.15 mg Cr/kg BW^{0.75} groups. Treatment has no effect on the average daily gain (ADG) and body condition score (BCS). The dynamics of blood biomarkers were studied at 0, 30, 60, 70, 80, 84, 86, 87, 88, 89, 90, 95, and 100 days post-Cr supplementation. In the present study, plasma glucose, insulin, insulin: glucose ratio, and IRS-1 were used as biomarkers of insulin sensitivity while BHBA, NEFA and IGF-1 were used as biomarker of rumen development. Plasma glucose and insulin concentrations decreased (p < 0.05) with the advancement of age of calf and levels were lowest (p < 0.05) in the calves fed on a diet supplemented with highest Cr level (0.15 mg of Cr/kg BW^{0.75}). However, insulin: glucose ratio was found to be greater (p < 0.05) in the calves receiving diet supplemented with Cr. Treatment, period and treatment × period interaction had a significant (p < 0.05) effect on plasma IRS-1 concentrations. Plasma IRS-1 concentration increased with the increase in supplementation level of Cr. A non-significant effect of the treatment, period, and treatment × period interaction was observed on plasma BHBA and NEFA levels. However, a significant (p < 0.05) effect of treatment, period, and treatment × period interaction on plasma IGF-1 concentrations with greater (p < 0.05) plasma IGF-1 concentration in 0.15 mg of Cr/kg BW^{0.75} supplemented calves. Accordingly, as the level of Cr supplementation increased, plasma Cr concentration also increased and was noticed highest in the calves supplemented with 0.15 mg of Cr/kg BW^{0.75}. In conclusion, the dietary supplementation of Cr helps in the smooth transitioning of calves from pre-ruminant to ruminant stage by improving insulin sensitivity and modulating biomarkers of rumen development.

ANSI OUTSTANDING PAPER AWARD-2025

Stephen Soren, Ranjita Ghosh, Joydip Mukherjee, Samiran Mandal, Surojit Mandal, Indranil Samanta, and Guru Prasad Mandal. 2025. Effect of Dietary Synbiotic as a Replacement for Antibiotics on the Growth Performance, Gut Health, and Immune Response in Broiler Chickens. *Indian Journal of Animal Nutrition*. **42(2): 251–260.**

ABSTRACT: This study aimed to evaluate the impact of dietary supplementation with a synbiotic (*Lactobacillus rhamnosus* NCDC 298 + fructooligosaccharide) on the growth performance, carcass traits, blood biochemical profile, gut microbiome, gut morphology, and immune response of broiler chickens. A total of 162 day-old Ven Cobb 400 broiler chicks were randomly assigned to three dietary groups, each with six replicated pens (n = 6), containing nine broiler chickens: 1) basal diet without any growth promoter (CON), 2) basal diet with antibiotic (Bacitracin methylene disalicylate - BMD) at 500g/ton feed (AGP), and 3) basal diet with synbiotic (*Lactobacillus rhamnosus* NCDC 298 + fructooligosaccharide) at 1 ml/bird in drinking water (SYN). Body weight, feed intake, and feed conversion ratios (FCR) were monitored weekly for 42 days. Blood biochemistry was evaluated on day 28, and immune response was assessed on day 28 and 35 of the trial. Carcass traits, gut microbiome, and gut morphology were evaluated at the end of the trial. The results indicated that the SYN group had significantly higher final body weight and average daily gain compared to the CON and AGP groups (P<0.05). Moreover, the SYN and AGP supplemented groups showed improved FCR compared to the CON group (P<0.05). However, there were no significant differences in average daily feed intake (ADFI), carcass traits, blood biochemical profile, and antibody titers among the groups. Total *E. coli* and *Salmonella* counts were significantly lower in the SYN group compared to CON and AGP (P<0.05). Additionally, *Lactobacillus* counts were significantly higher in the SYN group compared to CON and AGP (P<0.05). Gut morphology was significantly improved in the SYN group compared to CON and AGP (P<0.05). In conclusion, synbiotic supplementation could be a promising alternative to antimicrobials in broiler production, demonstrating beneficial effects in broilers fed an antibiotic-free diet.