



IPSACON 2025, 9-11 December 2025

**Flock to the future: Embracing technology, innovation, entrepreneurship
and sustainability in poultry production for protein security in Viksit
Bharat**

Abstracts for Avitech and IPSA Young Scientist Award-2025

S No	Topic
AYSA-1	Development and quality evaluation of egg drink <i>A. B. Adgaonkar, Jaydip J. Rokade, Gautham Kolluri, Gauri Jairath and Nagesh Sonale</i>
AYSA-2	Effect of Gama-Amino Butyric Acid and Sodium Butyrate on growth performance, antioxidant status and immune response in broilers <i>J. Uma Maheshwar Rao, S.V Rama Rao, T. Srilatha, M. Hanmanth Rao, B. Vidya, J. Amarnath and K. Shushmasri</i>
AYSA-3	Assessment of Residual Feed Intake (RFI) as selection trait for developing feed efficient broiler parent line <i>Buddhe Lokesh Shrikisan, Simmi Tomar, G.H. Hudson and Raj Narayan</i>
AYSA-4	Effect of dietary supplementation and <i>in ovo</i> feeding of L-carnitine on colour, texture, chemical composition and lipid profile of breast muscle (<i>pectoralis major</i>) and thigh muscle (<i>iliotibialis</i>) of commercial broilers during summer <i>M. Sharma, P. K. Shukla, A. Bhattacharyya, P.S. Gulhane, V. Pathak, M. Goswami, S. K. Bharti and C. Singh</i>
AYSA-5	Evaluation of shelf life and its ameliorative strategies of egg <i>Wadajkar Prasad, Rokade J.J., Monika M and Nagesh Sonale</i>
AYSA-6	Effect of dietary inclusion of fermented toasted Guar Meal on growth performance and gut health of Commercial Broiler Chicken <i>RatnaSupriya, K. Vijaya Lakshmi, T. Srilatha, D. Nagalakshmi and M.V. L. N. Raju</i>
AYSA-7	CRISPR/Cas9-mediated <i>DMRT1</i> gene knockout in Chicken germ line: A step towards Sex-Controlled Breeding <i>Kashid Rutik Pandurang, Parthasarathi, B.C., Architha, S. Quadri, M.Q.K. Aneet Kour, L.L.L. Prince, U. Rajkumar and Rajaravindra, K.S</i>
AYSA-8	Effect of dietary calcium level on ileal digestibility of calcium and phosphorus from dicalcium phosphate in broiler diet <i>N. Nikhil, S V Rama Rao, Muneer K., J Uma Maheshwar Rao, J Amarnath, Anjali U, Rutik K., Shreyasi and T. Priyanka</i>
AYSA-9	Effect of essential oil nanoemulsion on growth and gut health of broilers <i>S. Das, D. Sharma, A. Kumar, J.J. Rokade, C. Deo, A. Kala and G. Kolluri</i>
AYSA-10	Innovative strategies using organic agricultural waste and lime for control of housefly at poultry farm <i>Ankush Gautam and Yashpal Singh</i>
AYSA-11	Development and evaluation of a species-specific synbiotic formulation to enhance performance in commercial broiler chicken <i>Hudson G H, Simmi Tomar, Buddhe Lokesh S and Surya Pratap Dhakare</i>

List of Abstracts for Kothandaraman Award-2025

Sl. No.	Topic
KA-01	Deciphering the gene transcripts responsible for asymmetrical ovarian development in duck <i>Priyanka, T., Rajkumar, U., Subodh Kumar, Priyanka, E., Shanmugam, M., Ashwini, R., Chaitra, K., Himabindu, V., Hazra, M., Rajith Reddy, B., Yadav, S P., Subrat Kumar, B. Purshotham, N., Bhattacharya, T. K., Chatterjee, R. N., Beura, C. K., Mishra, S. K., Padhi, M. K., Giri, S.C. and Jayakumar, S.</i>
KA-02	Genetic diversity and phylogenetic analysis of Tellicherry chicken using complete mtDNA D-Loop sequences <i>Suja C. S., Anitha P., Binoj Chacko, Beena C. Joseph, Sankaralingam S., Thirupati Venkatachalapathy, Marykutty Thomas, Tina Sadan, and Arun T. R.</i>
KA-03	Effects of α-Tocopherol supplementation on semen attributes using Quail egg yolk plasma in Aseel Chicken <i>Gurjot Kaur Mavi, P.P Dubey, Narinder Singh and R S Grewal</i>
KA-04	Effect of dietary supplementation of Fenugreek seed powder on growth performance and gut health in Broiler Chicken <i>Amal K.S., Shamna T.P., Binoj Chacko, Stella Cyriac, Vineetha P.G and K.Syamala,</i>
KA-05	Effect of supplementing different antioxidants on performance, antioxidant status and immune response in Broiler Chicken <i>J Amarnath, Daida Krishna, K Vijayalakshmi, S V Rama Rao, J Uma Maheshwar Rao and K Sushmasri</i>
KA-06	Mitigating Coccidiosis in Broiler Chicken through supplementation of <i>Lactobacillus acidophilus</i> derived Postbiotics <i>Shiva Kumar K., J. S. Tyagi., Gautham K. and Matin Ansari MD</i>
KA-07	Effect of in ovo feeding and supplementation of inorganic and nano zinc on growth performance, economics and immunity of broilers during summer <i>Gulhane P. S., Bhattacharyya A., Shukla P.K., Sharma M., Patel M.K., Sharma J. K. and Nakade G.</i>
KA-08	Effect of supplementation of synbiotic (β-Glucans, MOS and multi-species probiotic) on growth performance, carcass characteristics and gut health in Broilers <i>Raghavendar Mojarla, Hanmanth Rao M, Srinivas Gurram, Nalini Kumari N, Srilatha Thota and Purshotham Naik R</i>
KA-09	Sustainable protein for quails: Black Soldier Fly Meal and its economic viability <i>Sai Siva Kumar. K., Monika .M, Sonale N. S. and Rokade J. J</i>
KA-10	Effect of dietary supplementation of nano Zinc Oxide on egg production, fertility and hatchability of Kuttanad Ducks <i>Pragatheeswaran P., Vimal Antony Muttathettu, Binoj Chacko, Beena C Joseph, Prasoon S. and Dipu M.T.</i>