



தமிழ்நாடு டாக்டர் ஜெ. ஜெயலலிதா மீன்வளப் பல்கலைக்கழகம்

Tamil Nadu Dr. J. Jayalalithaa Fisheries University

Directorate of Incubation and Vocational Training in Aquaculture,
ECR, Muttukadu, Chennai-603112

International Webinar on

Advances in Aquaculture Nutrition - 2020

24 & 25
September 2020

Time: 13.00 to 16.00 IST

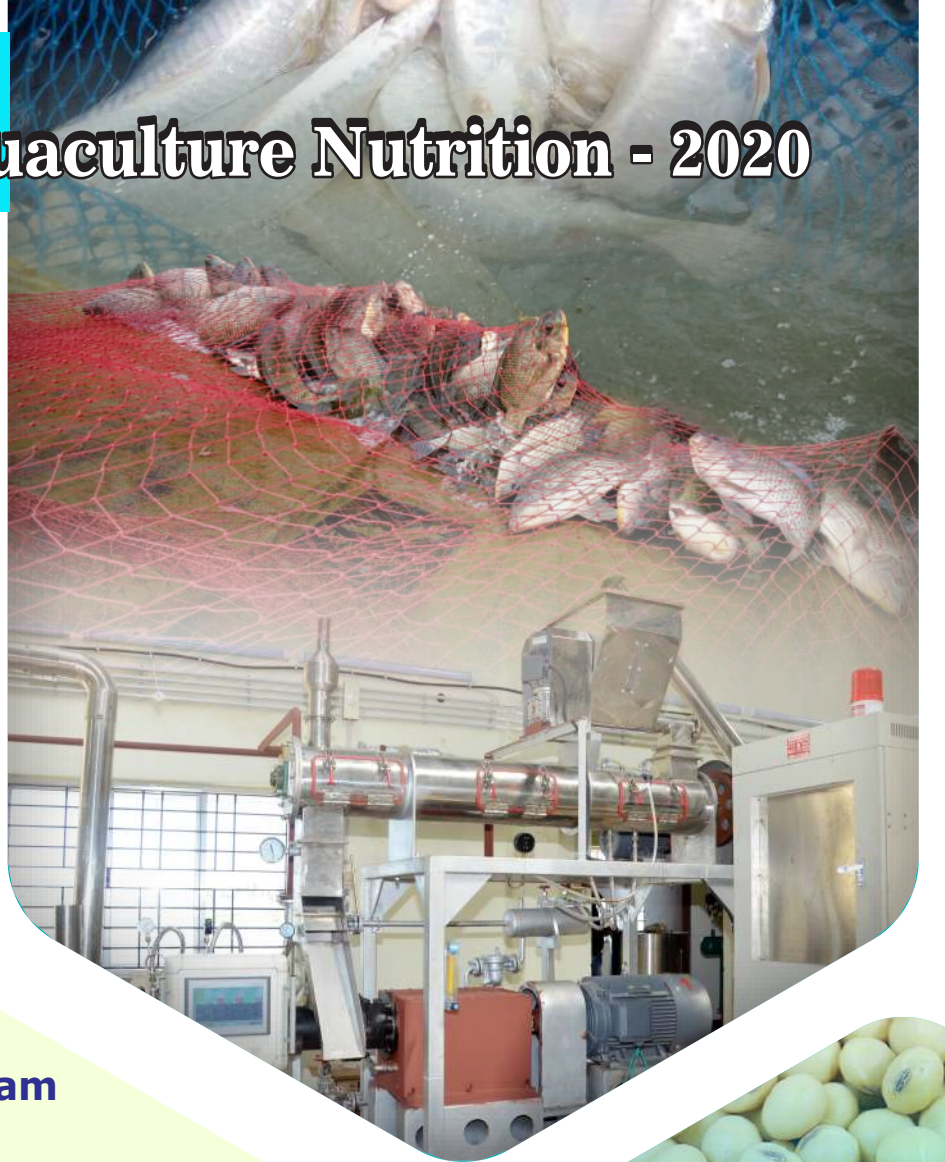
Registration Link:

www.tnjfu.ac.in/directorates/diva/IWAAN20

Registration closes on :

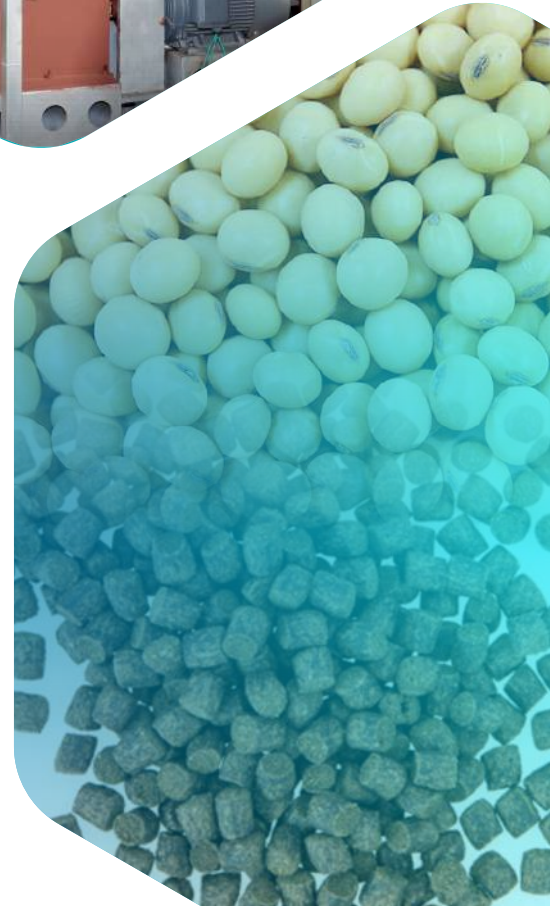
September 22 | 10.00 IST

250 participants only



Webinar organizing team

- Chief Patron** : **Dr. G. Sugumar**
Vice - Chancellor, TNJFU
- Patron** : **Dr. A. Srinivasan**
Registrar, TNJFU
- Conveners** : **Prof. Sadasivam (Sachi) J. Kaushik**
Director of Research, INRA, France (Retd),
European Research Area Chair, EcoAqua,
University of Las Palmas de Gran Canaria, Spain,
Past President, European Aquaculture Society
- Dr. N. Felix**
Director, DIVA, TNJFU
- Organizing Secretary** : **Dr. Mir Ishfaq Nazir**
Assistant Professor, DIVA, TNJFU
- Co-Ordinator** : **Mr. E. Prabu**
Teaching Assistant, DIVA, TNJFU



Advances in Aquaculture Nutrition - 2020

SPEAKERS

September 24 | 13.20 IST



Prof (Dr) Sadasivam (Sachi) J. Kaushik **France**

Director of Research, INRA (Retd); European Research Area Chair, EcoAqua, University of Las Palmas de Gran Canaria, Spain;
Past President European Aquaculture Society

Keynote address on Issues in Aquaculture Nutrition

Dr. Sadasivam (Sachi) J. Kaushik, was the Director of Research and headed the Fish Nutrition Laboratory and the Hydrobiology station of INRA, National Inst. for Agriculture, France. He is internationally recognized as a scientist with a very strong publication record. He is deeply committed to research and development in aquaculture nutrition, involved in a large number of multi-disciplinary research projects with extensive knowledge of aquaculture issues around the world. He has also been closely involved with the aquaculture industry and is one of the past Presidents of the European Aquaculture Society. Sachi Kaushik also held the European Research Area (ERA) Chair position dealing with ecosystem approach to sustainable aquaculture development (Ecoaqua project) hosted by the University of Las Palmas in the Canary islands, Spain. Currently he is also serving as an Adjunct faculty of TNJFU.



September 24 | 13.50 IST

Dr. Karthik Masagounder

Germany

Head, Aqua and Swine Research,
Evonik Animal Nutrition

Protein economy and environmental benefits

Hailing from a farming family from Tamil Nadu, Dr. Karthik Masagounder easily developed his career interest with farm animals. Karthik obtained his Bachelors (2001) from FC&RI - Thoothukkudi and Masters from CIFE- Mumbai, and PhD (2010) from the University of Missouri - US, focusing on aquaculture and aqua nutrition. Karthik has been working for Evonik over 8 years on various roles, in different locations including Singapore and Germany. In his present role, Karthik is heading aqua and swine research in Evonik based in Germany.



September 24 | 14.20 IST

Dr. Saravanan Subramanian

Norway

Global Product Manager, Salmonid Freshwater & Transfer Feeds,
Skretting Aquaculture Research Centre, Rogaland

RAS Feed

Dr. Saravanan Subramanian, currently works as Global Product and Technical Manager for RAS at Skretting, Norway. He is responsible to develop and deliver high performance fish feed and technical service to RAS customers. He received BFSc from Fisheries College and Research Institute, Tuticorin and MFSc in Fish Nutrition & Biochemistry from CIFE, Mumbai, and PhD in Fish Nutrition from Wageningen University, Netherlands. He also spent some of his time during his PhD at INRA, France. Soon after his PhD he broadened the scope by working as Insect Husbandry Scientist at Ynsect, France. Later, he moved to Norway to work at Skretting Aquaculture Research Center as a Researcher in Fish Nutrition.



Dr. Antony Jesu Prabhu

September 24 | 14.50 IST

Norway

Senior Researcher, Institute of Marine Research (IMR), Bergen

Recent advances in mineral nutrition of fish

Dr. Antony J Prabhu holds a bachelor (TANUVAS) and master's degree (CIFE) in fisheries science specializing in fish nutrition and biochemistry. His doctoral thesis (2011-15) at INRA & AgroParisTech, France and Wageningen University, The Netherlands with a dual doctorate degree was awarded with medaled'argent from the French agricultural academy. He served as assistant professor at the TNJFU for nearly 2 years and later started his research career at NIFES, Norway and now is a senior researcher at the IMR, Norway. He specializes in mineral nutrition of fish with focus on requirement, availability and the role or interaction of minerals in osmoregulation, smoltification, broodstock nutrition, fatty acids metabolism, and nutrition in RAS. He has contributed to the reassessment of micro-mineral needs in low fish meal feeds for Atlantic salmon, rainbow trout and gilthead seabream. Besides, he is the leader of the IMR's flagship initiative on 'new marine resources as food and feed' and participates in a similar initiative on 'robust smolt'. He has received funding for several research projects from Norwegian, European and International funding bodies. He has supervised 7 master students, supervisor of 5 PhDs (2 major; 3 co-supervisor) and external member for 4 international PhDs. He has 29 peer reviewed research papers. He is an editorial board member of Aquaculture nutrition and the guest editor of the special issue on 'mineral nutrition and metabolism in fish' in Animals journal.



Dr. N. P. Sahu

September 25 | 13.15 IST

India

Principal Scientist and Head, Fish Nutrition Physiology and Biochemistry Division, ICAR- Central Institute of Fisheries Education, Mumbai

Protein Isolates from the Nonedible seed: A future source of protein in aquafeed

Dr. Narottam Prasad Sahu is an Animal Nutritionist but started his career as Fish Nutritionist since 1994. Presently he is the Head of the Department of Fish Nutrition Biochemistry & Physiology at the ICAR-Central Institute of Fisheries Education, Mumbai, India. He also serves as the Dean (Academic) at the institution. Dr. Sahu was instrumental for the designing and establishment of Fish Nutrition & Feed Technology and Fish Physiology & Biochemistry as specialised disciplines of Fisheries Science in the country. Four Post-doc, 12 Ph.D and 34 M.F.Sc students have completed their research work under his supervision. He has conducted extensive research in the field of Aquaculture Nutrition especially in the specialised area of Nutraceuticals, Nutrigenomics, utilization of protein concentrate/isolates from non-edible seeds and leaf meal. He has published more than 250 research papers in international journals with h-index 40, i-10 index 106 and cited more than 5400 times. One patent has been granted on medicated feed and two have been filed. Some of the prestigious awards like Dr. M.S. Swaminathan award for the Best Indian Fisheries Scientist, Best Scientist award from ICAR-CIFE, Achievement award from CLFMA of India have been received by him. He is a Fellow of the National Academy of Veterinary Sciences and a Fellow of the Maharashtra Academy of Science.



September 25 | 13.45 IST

Dr. Arul Victor Suresh

Singapore

Managing Director, United Research Pte. Ltd.

Practical considerations in the development of aqua feeds

Dr. Arul Victor Suresh received his BFSc from Tamil Nadu Agricultural University, MSc in Aquaculture from the Asian Institute of Technology in Thailand and PhD in Aquaculture from the Southern Illinois University at Carbondale, USA. He joined Ralston Purina International, a global feed company, as an intern after his Ph.D., and became the Director of Aquaculture in Ralston's spinoff Agribands. He returned to India in 2001 and provided consulting services to the aqua feed industry. In 2008, he moved to Brunei Darussalam to oversee the development and operation of the Nutrition Services of Integrated Aquaculture International which was involved in the domestication and breeding of black tiger shrimp. In 2013, he founded United Research, an aqua feed consulting company in Singapore. The company has feed manufacturing clients in India, Bangladesh, Indonesia and Saudi Arabia. In India, he is associated with Growel Feeds as a Technical Director. He provides product strategy, formulation, new product development and R&D management services to the feed manufacturers. He also has a long association with Bentoli, a global feed additives manufacturer. Victor Suresh was one of the founding members of the Society of Aquaculture Professionals in 2004 and is currently the President of the association for the 2020-22 term.



September 25 | 14.15 IST

Dr. N. Felix

India

Director, Directorate of Incubation and Vocational training in Aquaculture, TNJFU, Chennai

Aquafeed mill equipments and feed manufacturing

Professor Nathan Felix is the present Director of the Directorate of Incubation and Vocational training in Aquaculture (DIVA) of the Tamil Nadu Dr. J. Jayalalithaa Fisheries University, India. With close to thirty years of experience in Indian Fisheries and Aquaculture Science, he has a consistently good academic performance record. Dr. N. Felix has guided several post graduate students in the aquaculture and aquaculture nutrition. He has acquired and managed a number of research projects at the national level, with fundings from public and private sectors. In this context, he has collaborated with scientists belonging to other research organizations. Recipient of a number of awards of appreciation, he has a good publication record in terms of peer-reviewed papers as well as technical reports and has also contributed strongly towards the dissemination of knowledge to the farmers. He has demonstrated capacity for organization of educational events, workshops and an impressive number of training programmes in aquaculture for the benefit of students, fellow scientists as well as farmers.



September 25 | 14.45 IST

Dr. Biju Sam Kamalam

India

Scientist, ICAR-Directorate of Coldwater Fisheries Research, Bhimtal

Classical and advanced research approach for fish meal replacement in fish feeds

Dr. Biju Sam Kamalam is currently working as a fish nutrition scientist at ICAR-Directorate of Coldwater Fisheries Research, Bhimtal, India. He has done his doctoral research in the Nutrition Metabolism and Aquaculture unit of INRA, France as an ICAR International Fellow and his post-doctoral research in the Nutrition and Seafood laboratory of Deakin University, Australia as a DBT IACBG Fellow. His research background spans the fields of nutrient-genotype interaction in carbohydrate utilisation, nutritional regulation of metabolism, development of sustainable feeds, gut microbiome dynamics and climate resilient aquaculture strategies. Drawing from his research experience and global developments, his talk will be about the different research approaches for fish meal replacement in aquafeeds.



September 25 | 15.15 IST

Dr. Mir Ishfaq Nazir

India

Assistant Professor, Directorate of Incubation and Vocational training in Aquaculture, TNJFU, Chennai

Nutritional programming & larval feed developmental strategies of fishes

Dr. Mir Ishfaq Nazir is currently working as Assistant Professor at Tamil Nadu Dr. J. Jayalalithaa Fisheries University, India and before joining this University, he worked as Assistant Professor at Birsa Agricultural University, Ranchi, India. He completed his Ph.D. in Fish Nutrition and Feed Technology at ICAR-Central Institute of Fisheries Education, Mumbai, India from 2015-2018. He did his Masters in Fish Nutrition and Feed Technology at ICAR-Central Institute of Fisheries Education, Mumbai, India from 2013-2015. He completed his Graduation in Bachelor of Fisheries Science in College of Fisheries, Sher-e-Kashmir University of Agricultural Sciences and Technology of Kashmir from 2009-2013, where he has been awarded as Gold medalist of Bachelors degree (B.F.Sc) for the batch 2009-2013. He has research experience in fish larval nutrition, and his research interest focuses on the different strategies for the development of larval fish feeds. He has published more than 10 research articles in International peer-reviewed journals. Besides, he is working on the nutrigenomic responses of the important additives for improved growth, reproduction, and survival of commercially important fish species. Furthermore, he has a keen interest in the field of bioinformatics and molecular docking for the identification of the important or key markers or ligands for efficient nutrient utilization and performance of fishes.