**Individual Biodata**



Name : Dr. K. Hema

Designation : Assistant Professor

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Qualification :M.F.Sc., Ph.D.,

Field of Specialization : Fish Processing Technology

Major : Fish Processing Technology

Specializing field : Fish Processing Technology

Experience (in years) : 1.5 years

Current projects : (Please provide max 5) - NIL

| Sl.No. | Title of the Project | Year | PI & Co- PI of the Project | Funds (in Rs) | Funding Agency |
|---|---|---|---|---|---|
| | | | - | | |

Completed projects : (Please provide max 10) - N

| Sl.No. | Title of the Project | Year | PI & Co- PI of the Project | Funds (in Rs) | Funding Agency |
|---|---|---|---|---|---|
| | | | - | | |

Research publications (max – 10) :

1. **K. Hema,** R. Jeyashakila, S.A. Shanmugam, E. Jeevithan. (2015) Processing and storage of restructured surimi stew product in retortable pouches. Journal of Food Science and Technology. 52 (3), 1283-1289

2. **Hema, K,** Shakila R.J., Shanmugam, S.A. and Jawahar, P. (2016) Functional properties of Restructured Surimi Gel Product Prepared from Low valued short Nose white Tripod Fish (Triacanthus brevirosterus). Journal of Food Processing and Technology. 7(6), 2157-7110.

3. **Hema Karuppasamy,** Velayutham Padmanaban and Sukumar Durairaj. (2015). Nutritonal components of Seafood. International journal of Biological Sciences, 6(1), 68-81

4. **Hema, K,** Velayutham, P. Sukumar, D. Sundaramoothy B. and Athithan S. (2016) Preliminary studies on preparation of imitated shrimp products from Saurida tumbil (Lizard Fish). Biochemical Cellular Archives. 16(1) 145-149

5. **Hema, K.** Velayutham, P. Mohan, C.O. Sukumar, D. Sundaramoorthy, B. Athithan, S. Sugumar, G. Ravishankar C.N. and Ashok kumar, K. (2020) Innovative Studies on " Analogue Shrimp Products" from Lizard Fish using 3D Printing. Indian Journal of Animal Research 54 (7), 918-923.

6. **Hema,K.**, Velayutham, P., Mohan, C.O. Sukumar, D., Sundaramoorthy, B., Athithan, S., Sugumar,G., Ravishankar, C.N. and Ashok Kumar, K. (2021). Thermal Process Evaluation of Analogue Shrimp Product from Lizard fish (Saurida tumbil) in Retort Pouches Indian Journal of Animal Research 55(2), 230-235.

Honours and Awards
(Including patents)

1. Best Research Paper Award in the First National Conference organized by Tamil Nadu Veterinary and Animal Sciences University, Chennai and Agricultural Scientific Tamil Society, New Delhi.

2. Got a Rajiv Gandhi National Merit Fellowship for SC/ST Students.