

Dr. V. KATHIRAVAN, Ph.D.,

J101, Anjani Enclave, Surat,

Gujarat – 395005, India

Mobile: +918056276802/+919601007787

E-mail: kyss.kathir@gmail.com

PROFESSIONAL HIGHLIGHTS

- Team head having more than 4 years of industrial experience with extensive knowledge in Research, product development and marketing.
- Excellent experience in Shrimp nutrition and Health Management.
- Ability to run effective partnership and team management for product development and animal trials.
- Knowledge and experience in the use of bioanalytical methods and molecular biology techniques.
- Good in designing, planning, troubleshooting and execution of organisational priorities.
- Ability to construct new ideas for product and process development, manage a project portfolio and develop a group of teams to finish the project on time.
- Develop, review, update and implement process safety-related Standard Operating Procedures (SOPs) and guidelines as needed.

PROFESSIONAL EXPERIENCE

Head, Technical & Marketing - Artis Animal Health Care (I) Pvt. Ltd Surat, Gujarat, India

(February 2016-Till Date)

Job Responsibilities:

- Assisting in the development of R&D strategies for existing and new products
- Involved in the product launch and market expansions
- Efficiently organised the sales team and helped the turnover of the company sales
- Interfaced with customers, technical and marketing teams to demonstrate and drive understanding of the use of organization's products
- Carried out experiments for technology transfer by following Product Innovation Process
- Conducted technical field visits to key customers and constantly support the sales team to achieve maximum growth of the company
- RT PCR Laboratory was constructed to diagnose shrimp health
- Water testing laboratory was constructed and monitored throughout the country

Research Associate- The Madura College (Autonomous), Department of Botany and Research Center, Madurai, India

(April 2013-Nov 2015)

Department of Biotechnology (Govt. of India) sponsored Project

Job Responsibilities:

- Collection and identification of marine seaweeds
- Phytochemical analysis of crude extract
- Isolation and characterization lead compounds by chromatographic techniques
- Determination of biochemical properties of the purified compound by enzyme & cell line work
- Carried out literature search and identified appropriate methods for conducting research
- Written research reports, presentations and proposals

Junior Research Fellow- Central Institute of Brackishwater Aquaculture, Chennai, India
(September 2008-January 2012)

Department of Biotechnology (Govt. of India) sponsored Project

Job Responsibilities:

- Isolation and characterization of nitrifying & denitrifying bacteria by molecular methods.
- Characterization of uncultured bacteria through nucleic acid based techniques.
- Preparation of antagonistic bacterial formulation to control *Vibrio* sp. in shrimp culturing ponds.
- Isolation of bioactive compounds from marine bacteria.
- Soil and water quality monitoring in aquaculture and related aquatic environment.
- Conducted farm demonstration of the Greenwater technology.
- Written articles based on the research finding on a timely basis for publications.

Academic Qualification

Ph.D.,	Eco-biotechnology-Marine Ecology	2009-2013	University of Madras, India.
PG Diploma	Bioinformatics	2007-2008	Bharathiar University, India.
M.Sc.,	Eco-biotechnology	2006-2008	Bharathidasan University, India.
B.Sc.,	Biotechnology	2003-2006	Periyar University, India.

Achievements

Publications

- 1) Indian Journal of Fisheries (2019) 66(1): 124-130.
- 2) Bulletin of Environmental Contamination and Toxicology (2015) 95(3):414-419.
- 3) Indian Journal of Biotechnology (2015) 14: 482-488.
- 4) PNAS India Section B: Biological Sciences (2015) 85(4): 1079-1086.
- 5) Natural Products: An Indian Journal, (2015) 11(2), 75-80.
- 6) International Journal of pharma and bio sciences (2015) 6(2): 579-595.
- 7) International Aquatic Research (2014) 6:135-145.
- 8) World Journal of Microbiology and Biotechnology (2014) 30:1187-1198.
- 9) Research and Reviews in BioSciences (2012) 7(7): 277-293.
- 10) Applied Biochemistry and Biotechnology (2013) 169(6): 1978-1992.
- 11) Journal of Environmental and Applied Bioresearch (2012) 1 (1): 5-11.
- 12) Biotechnology: An Indian journal (2012) 6 (11): 359-366.
- 13) Applied Biochemistry and Biotechnology (2010) 162: 1225-1237.
- 14) Aquaculture Research (2010) 41(11):1648-1657.

Book chapters

- 1) *CIBA Special publication* (2011) (43) Pp: 89-91.
- 2) Ed. K. Muthuchelian, Bionanosciences. Write & Print Publications (2015). pp 209-220.

Popular Articles

- 1) Fishing Chimes, 31(10) January 2012.
- 2) Everything about Water. Pp:76-78, September 2010.

Project Report Submitted

- 1) Krishnani, KK, Kailasam, M and Kathiravan, V. (2008–2012). Development and evaluation of greenwater technology for aquatic bioremediation in coastal aquaculture. DBT– Project Report submitted to Ministry of Science & Technology, Govt. of India, New Delhi.
- 2) Panneerselvam N and Kathiravan V. (2012-2015). Screening for anti-inflammatory compounds from marine macroalgae. DBT- Project report submitted to the Ministry of Science & Technology, Govt. of India, New Delhi.

Conferences/ Seminars

- 1) Presented a poster entitled “Utilization of seaweed constituents for the benefit of human health” awarded Best Poster Presentation in National Symposium on “Conservation of Nature and Natural Resources”, Jan 21-22, 2015, Biological Resource Persons Association, Wanaparthi, Telangana, India.
- 2) Presented a paper entitled “Identification of anti-inflammatory compounds (eicosanoids) from *Sargassum wightii* and *Hypnea musciformis*” at the 7th Annual Convention of ABAP & International Conference on “Plant Biotechnology, Molecular Medicine & Human Health”, on Oct 18-20, 2013, University of Delhi South Campus, New Delhi, India.
- 3) Presented a paper entitled “Revealing of uncultivable denitrifying communities through functional metagenomics” in a National level seminar on New vistas in Indian Aquaculture on Feb 23-24, 2012, Central Institute of Brackishwater Aquaculture, Chennai, India.
- 4) Presented a paper entitled “Diversity of nitrogen fixing bacteria in greenwater system of coastal aquaculture” in 20th All India Congress of Zoology and National Seminar on Bioresources and its management for Livelihood & Employment & National Helminthological Congress on Dec 29 - 31, 2009, Central Institute of Fisheries Education, Mumbai, India.
- 5) Presented a poster entitled “Leptin is a satiety signal” awarded First prize in National level seminar on “Human perspectives of biotechnology”, Jan 2006, Mahendra arts and science college, Nammakal, India.

Trainings

- “Metagenomics: A practical approach to molecular taxonomic profiling” at National Bureau of Agriculturally Important Microorganisms (NBAIM), Uttar Pradesh from 22-Nov-2011 to 01-Dec-2011.
- “Techniques in bioactive metabolites from marine and other bioresources” at AMET University, Chennai from 07-Nov-2011 to 11-Nov-2011.
- “Sequence analysis and molecular stimulation” at Centre for Biotechnology, Anna University, Chennai from 10-Mar-2011 to 13-Mar-2011.
- “Biological database and tools” training at Helix Info Systems, Chennai from 11- Jun-2007 to 28-Jun-2007.

Personal Details

Full Name : V. Kathiravan
Father's Name : S. Velusamy
Gender : Male
Marital Status : Married
Languages Known : Tamil, English, Hindi
Nationality : Indian
Mobile Number : +918056276802/+919601007787
E-mail : kyss.kathir@gmail.com

Declaration

I hereby declare that all the information I have provided are true to the best of my knowledge and belief.

V. Kathiravan

References

Dr. K. K. Krishnani
Principal Scientist
Aquaculture Division
Central Institute of Fisheries Education (ICAR)
Mumbai-400061, Maharashtra, India.
E.mail: krishnanik@hotmail.com
Ph: +918600070775

Dr. M. Kailasam
Principal Scientist
Central Institute of Brackishwater Aquaculture
75, Santhome High Road
R.A.Puram, Chennai-600028
Tamilnadu, India.
E.mail: kailu66@hotmail.com
Ph: +919444234524

Dr. N. Panneerselvam
Associate Professor
Department of Botany
The Madura College (Autonomous)
Vidhya Nagar, Madurai-625011
Tamil Nadu, India.
E.mail: npanneer1958@gmail.com
Ph: +919488055792