

L. Premraj M.Sc., (Ph.D.) (B.Ed.)

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Educational Qualifications:

Course	Institution	Subject	Class	Remarks
Ph.D.	Loyola College Chennai- 600034 Tamilnadu	Biological Science	Waiting for <i>Viva Voce</i> Examination	Highly commended reports
Ph.D. Thesis Title: PURIFICATION AND STRUCTURAL CHARACTERIZATION OF THERAPEUTIC PROTEIN FROM THE HEMOLYMPH OF THE MARINE CRAB GRAPSUS ALBOLINEATUS (MILBERT,1812)				
M.Sc.	University Department of Zoology University of Madras, Chennai Tamilnadu	Zoology (Special)	1 st Class	Major Subjects Topper
B.Sc.	Loyola College Chennai, Tamilnadu	Advanced Zoology and Biotechnology	1 st Class with Distinction	1 st Rank Gold Medalist
B.Ed.	Cosmopolitan College of Education, Thiruvallur	Biological Sciences	-	Pursuing
HSC	Sir M.Ct.M. H.S.S	Science Group	1 st Class	
SSC	Sir M.Ct.M. H.S.S		1 st Class	
DCA	CSI Institution	Computer Applications	Grade 1	

Teaching Experiences: 5 years

- Currently working as **PGT Biology teacher at Sri Krish International CBSE & Cambridge School, Chennai**
- **3 years experiences** from (T.I.M.E. Tuitions Centre, Anna Nagar and Ashley academy, Chennai) as **Science and Biology faculty. – (CBSE, ICSE, STATE)**
- **2 Year experience in NEET level (Zoology), Don NEET Academy, Chennai.**

Technical Qualification - Typewriting Skill:

- English - Higher Grade.
- Tamil - Lower Grade.

Computer Proficiency:

- Diploma in Computer Application
- (Ms Word, Ms Excel, Ms PowerPoint), C, C++, HTML & Internet.

Achievements:

- 1st Rank in my UG Degree with Gold Medal
- First Rank in Lab Course in the Academic Year of 2009-2010
- Dr. S.Sivaraman Medal with Merit Certificate for Rank Holder in UG
- University 1st in the paper of Physiology of Integration in M.Sc.
- University 1st in the paper of Environmental Physiology in M.Sc.
- University 1st in the paper of Evolution in M.Sc.
- Best Thesis -M.Sc. dissertation
- Special Award - SECNARM: Rev.Dr.V. Joseph Xavier Sj Medal
- Best Presentation Award in Skill Based Course Poultry Seminar
- Star Volunteer Award
- I Prize in Youth Training Programme on Oil Conservation Organized by Ministry of Petroleum & Natural Gas, Government of India.
- Received an award with Gold Medal for Environment Protection and Awareness by Loyola College

Conference Appeared:

- E-Waste Management using Biological Tools: An Eco-Friendly Approach held on
- March 8th and 9th, 2012 at Loyola College, Chennai.
- Skill Based Course Poultry Seminar
- Green Fest
- Seminar on Opportunities for Life Science Graduates in Food Processing Sector jointly organized by the Centre for international Programme and Lille Catholic University, France on 3rd March, 2011.
- National Conference on Environmental Protection & Management held on 29th - 30th August, 2011 at Loyola College.
- Conference on Molecular Taxonomy organized by Genetic Engineering Department, SRM University.
- Committee Organizer, Workshops On Green Campus at Loyola College
- ICMG – 2016, Poster presentation at Indian Institute of Sciences, Bangalore on Feb – 20-22, 2016.
- Workshop on Entomology and Environmental Science at KFRI, Thrissur, Kerala
- Seminar on Advanced Immunology at Bharathiar University, Coimbatore
- Presented a paper entitled Water Resource Development in Tamilnadu, National Workshop on Water Management, LIFE, Loyola College, Chennai.
- Co-ordinator, National Workshop on Molecular and Chromatographic Techniques, Department of Advanced Zoology and Biotechnology, Loyola College, Chennai on March 16-17, 2017
- Has been a part of Hands-on Training workshop in Animal Cell Culture

Techniques and Flow cytometry at National College, Tiruchirappalli on 9-10 Jan, 2017

- Participated Young Scientist's Conference on Faunal Diversity at Loyola College, Chennai on 05-06, 2016
- Participated , International Conference on Materials for Energy and Environment (ICMEE 2018), Loyola College, Chennai on 22- 23 Feb, 2018
- Presented paper entitled " Extraction of bioactive.....biological properties" National Conference on Innovations in Biotechnology NCIB 2017, at Madurai Kamaraj University, Madurai on 14-15 December, 2017

Workshop attended:

- Algorithms and Methods for Biological Data conducted by University of Hyderabad, Telugana on 09-24 February, 2019
- Latest Methods in Protein Crystallization and Structural Biology conducted by Anna University, Chennai – 600 025 from 11.12.2017 to 15.12.2017
- A Recent Trend in Life Science Research with Special Reference to Molecular Imaging, Proteomics and Metabolomics which held at Bharathidasan University, Trichy from 12.02.2018 to 16.02.2018
- RNA Metabolism and Neurodegenerative Diseases held at University of Delhi, New Delhi from 02.04.2018 to 07.04.2018
- Transgenic Animal Technology: Basics and Methods. Held at University of Hyderabad, Hyderabad from 19.07.2018 to 01.08.2018
- Scanning and Transmission Electron Microscopy: basics and applications to low dimensional structures held at Anna University, Chennai, from 03.12.2018 to 07.12.2018
- Biomedical Imaging - Advanced FLIM - FRET Microscopy Techniques for Cancer Cellular Imaging held at Anna University, Chennai, from 17.12.2018 to 22.02.2018
- Hands on Training on Commercial Livestock Farming (February 13 – 15, 2012) in the collaboration of Loyola, College & Madras Veterinary College.
- Training Programme in Cattle Farming and Management (January 4 – 18, 2012)
- Processing and Preservation Technologies for Rural Prosperity at Madras Verterinary College Organised by Indian Institute of Crop Processing Technology, Ministry of Food Processing Industries, Government of India on 1st March, 2012.

Project (UGC-University Grant Commission):

Worked as Co-Ordinator in the UGC Project was selected and entitled "Comparative Studies on Toxicity of Environmental factor-Histo metallurgy and pathogenicity in Water-Soil sediment and Taxonomic Identification of Zoo planktons" P.No. 2019 (2016-2017) , Under the guidance of Research Superviosr Dr. J.M.V Kalaiarasi, Professor & Head, Department of Advanced Zoology and Biotechnology

Research Methodology & Techniques:

Molecular Biology : Restriction Enzyme Digestion of DNA, DNA ligation, Electrophoresis Techniques, PCR, Immunoblotting, IEF, 2D Gel, Protein Purification techniques, Isolation of bioactive compounds from the natural resources, Characterization of Compounds (UV, SEM, TEM, HPLC, GCMS, LCMS, FTIR, CHNS, NMR, XRD, MALDI, CD-SPEC)

Toxicology test – Antimicrobial activities, Anticancer activities, anti-inflammatory, anti-oxidant and phenoloxidase.

Environmental Research – Water Quality Research, Micro organism characterizations and Heavy metal detection.

Research papers:

- A Study on the Toxicity of an Organophosphate Pesticide, Phorate on *Oncorhynchus mykiss* (Wal.) J. Nancy Shophiya* , L. Premraj and J.M.V. Kalaiarasi International Journal of Pharmaceutical and Biological Science Archive Volume 4 Issue 3; May-June 2016; Page No.01-06
- Bioefficacy and larvicidal activity of *Couroupita guianensis* (Aubl) against housefly, *Musca domestica* (L) M Suresh, L Premraj and JMV Kalaiarasi, E-ISSN: 2320-7078 P-ISSN: 2349-6800 JEZS 2017; 5(5): 429-433
- Pharmacognostical and phytochemical analysis of *Sargassum cinereum* (Turner) C. Agardh Ranjani Devi M, Premraj Loganathan, Arputharaj P and JMV Kalaiarasi, E-ISSN: 2278-4136 P-ISSN: 2349-8234 JPP 2018; 7(1): 2233-2238
- Study On The Impact Of Drugs On Heart And Cardio-Vascular System In Crabs Inhabiting Freshwater, Marine And Brackish Waters, Premraj Loganathan, M. Ranjani Devi and Dr. J.M.V. Kalaiarasi, Int J Cur Res Rev | Vol 8 • Issue 1 • January 2016
- Evaluation Of Heavy Metal Contamination In The Estuaries Of Chennai, Jebitta M. Shirlin¹ *, J. Nancy Shophiya² , M. Ranjani Devi³ , L. Prem Raj⁴ , M. Suresh⁵ , and J.M.V. Kalaiarasi⁶, Biolife | 2014 | Vol 2 | Issue 4
- Production, purification and physio-chemical properties of prophenoloxidase from the hemolymph of crab *Grapsus albolineatus* (Linnaeus, 1758) – (Under Review and acceptance) – Asian Journal of Animal Sciences (ID 92377-AJANS-KR)
- Potential Extraction of Sea Urchin *Arbacia lixula* and its antimicrobial and antioxidant activities (Accepted for publication) – International Journal of Current Research and Life Sciences.

Personal Details:

Parents' Name : J.G. Loganathan Ammu

Martial Status : Single

Date of Birth : 28.07.1990

Address : No. 87/1, Vellalar Street, Purasaiwalkam, Chennai – 600 084, Tamilnadu

References:

Prof Dr. J Mary Vimalakumari Kalaiarasi

Scientist & Member, LIFE, Loyola College

Associate Professor & Head (Rted.)

P.G. & Research Department of

Advanced Zoology and Biotechnology

Loyola College, (Autonomous), Chennai – 600 034

Tamilnadu, India

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Prof S. Janarthanan

Professor & Head

Department of Zoology

School of Life Science

University of Madras (A State University)

Guindy campus, Chennai – 600 025

Tamilnadu, India

Contact Number : +91-9486362887

Prof Dr. S. Vincent

Associate Professor(Rted.)

Former Member Secretary

State Council for Science & Technology, Government of Tamilnadu

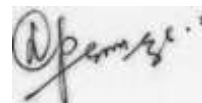
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Place: Chennai

(Premraj Loganathan)