

Profile

Dr. A.J.BHORGIN LOURDU MARY, M. Sc., M. Phil., SLET., PhD

Assistant Professor of Zoology
PG & Research Department of Zoology
Holy Cross College (Autonomous),
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Professional Summary: Dr. A. J. Bhorgin Lourdu Mary, a self driven learner and expert in the field of Zoology. An enlightening professional to inspire students to pursue academic and personal excellence. Strives to create a challenging and engaging learning environment for students to become lifelong scholars. Being student centric mentor to mould leadership skills among students. Having enriched experience and interest to handle subjects such as Animal Diversity of Invertebrates and Chordates, Genetics, Developmental Biology, Functional Morphology of Invertebrates and Chordates, Biostatistics Endocrinology, Animal Physiology, Applied Ecology, Immunology, Cell and Molecular Biology.

Teaching Experience

Name of the Institution	Years of Experience
Holy Cross College, (Autonomous), Tiruchirappalli	August 2001-August 2002 June 2012 – till date
St. Joseph's college (Autonomous), Tiruchirappalli	June 2009- 2011(2 Years)

Education: Core Competencies

YEAR	Degree / Diploma	Subject / Main	Name of the College / University
1995	U.G.	ZOOLOGY	Holy Cross College , Bharathidasan University
1997	P.G.	ZOOLOGY	Holy Cross College , Bharathidasan University
1998	M.Phil.	ZOOLOGY	Loyola College , Madras University
2000	NET/CSIR/SLET	SLET (ZOOLOGY)	Bharathidasan University
2016	Ph.D.	ZOOLOGY	Rajah Serfoji Government College , Bharathidasan University

Technical qualification:

S. No.	Degree / Diploma	Subject / Main	Name of the College / University
1.	DIPLOMA IN COMPUTER APPLICATIONS(DCA)	COMPUTER	Loyola Colloge, Madras University

E-lessons developed:

S.No	Title of e-lessons
1.	Classification Of Mollusca
2.	Classification Of Amphibia
3.	Conjucation In <i>Paramecium</i>
4.	Parthenogenesis
5.	Gastrulation In Frog

Research: *M.Phil.* - Guided: - 5

MOOCs course completed – 1: Patent Drafting for Beginners

2. Experimental Biotechnology

3. Electrocardiogram- Interpretation and Application in Clinical Practice

Key Achievements: Bose Scientific Socitey under TNSRO, Puddukottai affiliated with Vigyan Prasar, DST, Delhi awarded **Har Gobind Memorial Best Scientist Award on 29.7.2017.**

Memberships in academic bodies:

Life Membership in Bose Science Scoitey, TNSRO, Pudukottai.

Positions Held:

Staff club Vice President – 2019-2022 (3 years)

Head of the Department of Zoology- 2021-2024 (3 years)

Paper/ Book Publications

(Google Scholar - Citation: 95; h- index: 4; i10-index-2; Scopus h- index: 1)

1. **Bhorgin Lourdummy AJ.,** Uma K. (2013). Nutritional Evaluation of Earthworm Powder (*Lampito mauritii*). *Journal of Applied Pharmaceutical Science*. 3 (03):082-084. **Impact factor 0.528. Scopus indexed**
2. **Bhorgin AJ.,** Uma, K. (2014). Antimicrobial activity of Earthworm Powder (*Lampito mauritii*). *International Journal of Current Microbiology and Applied Sciences*, 3 (1):437-443. **Impact factor 2.937.**
3. **Lourdumary AJB.,**Ramesh N. (2014). Evaluation of anticancer activity of Indian Earthworm *Lampito mauritii*. *International Journal of Research in Pharmacy and Science*. 4(2):27-30. **Impact factor 0. 764**
4. **Bhorgin Lourdummy A.J.,** Murugaian P. (2014). Fibrinolytic Serine Protease Isolated from Earthworm *Lampito mauritii*. *International Journal of Science and Research*.3 (10):961-966. **Impact factor 6.391**
5. **Bhorgin Lourdu Mary A.J.,** Sathya Devi M. (2016). Malnutrition among school children. *World Journal of Pharmacy and Pharmaceutical Sciences*. 5(7):1275-1282. **Impact factor 6.041**
6. Uma Mageshwari Perumal, **Bhorgin Lourdu Mary A.J.,** (2016). Characterization and antimicrobial effect of *Illucium verum* on pathogenic bacteria. *World Journal of Pharmacy and Pharmaceutical Sciences*. 5(9): 2040 – 2054. **Impact factor 6.041.**
7. Uma Mageshwari Perumal, **Bhorgin Lourdu Mary A.J.** and Aishwarya A.D. (2016). Characterization and antimicrobial effect of methanolic extract of *Syzygium aromaticum* on pathogenic bacteria. *World Journal of Pharmacy and Pharmaceutical Sciences*. 6(1): 887– 899. **Impact factor 6.041.**
8. Wilfred Angello Gerald J. and **Bhorgin Lourdu Mary A. J.** (2020) Review on Open Educational Resources - Opportunities and Challenges. *Journal of Shanghai Jiaotong University*, 16(7): 1079-87. **Impact factor 6.2**
9. Sujatha Ilangovan, Jesintha, **Bhorgin Lourdu Mary,** Pandilakshmi (2022) Value addition to livestock excreta and fish waste through vermicomposting. *Journal of Veterinary and Animal Science*, 53(4): 509-515.

Book Publication: A text Book of Practical Zoology For Undergraduates-2021.Few Chapters published by Publication Division, Holy cross College (Autonomous), Tiruchirappalli-2.ISBN No.978-81-953014-2-3

Conference/Seminar/Workshop/ Training Programme attended - Academic & General:

Theme	Place	International / National / State level	Month and Year	Resource Person / Paper Presentation / Participation
National Conference on Eco Harmony 2024 - Exploring the Web of Life in Zoology	PG & Research Department of Zoology, Holy Cross College (Autonomous), Tiruchirappalli.	National	23.02. 2024	Organized
Hands on training programme on “Preparation of Chemicals” for Non Teaching faculty of Zoology	PG & Research Department of Zoology, Holy Cross College (Autonomous), Tiruchirappalli.	-	12.12.2023	Organized
One day National Conference on “Innovation and Quality Enhancement” in (HEIs) in the context of the national Education Policy (NEP) - 2020	IQAC, St.Joseph’s College of Commerce (Autonomous), Bengaluru.	National	17.04.2023	Participated
Online Refresher Course in Reforms & Innovations in Higher Education (Multidisciplinary)	UGC HRDC, BDU, Trichy	National	07.02.2023-20.02.2023	Participated
One day International Symposium on, “Innovations in Life Sciences”	PG & Research Department of Zoology, Holy Cross College (Autonomous), Tiruchirappalli.	International	31.01.2023.	Organized
International Conference on “Innovations and Applications in Biomedical and Health Sciences”	PG & Research Department of Biotechnology & Bioinformatics, Holy Cross College (Autonomous) Trichy.	International	23.01.2023-25.01.2023	Chair Person
Two day 4 th National Level Workshop on NIRF India Rankings 2023	Institute for Academic Excellence (IAE), Hyderabad. (online)	National	21.12.2022& 22.12.2022	Participated
IP Awareness/Training program under National Intellectual Property Awareness Mission	Intellectual Property, India (online)	National	16.12.2022	Participated

One day National level seminar on Understanding of Key Indicators and Metrics for Preparation of DVV and Documents for Submission of SSR of Autonomous Institutes. (Online)	AISSMS Institute of Information Technology, Pune, Maharashtra. (Online)	National	01.10.2022	Participated
In service teacher training programme	TANSCHE Dept. of Botany, HH Rajah's College (Autonomous) Pudukkottai.	Regional	05.05.2022 & 06.05.2022	Participated
Panel Judge for Prof. Jaya Marie Memorial Interdepartmental Debate on "Post COVID-19 Attitudinal Changes among Students"	PG & Research Department of Botany, Holy Cross College (Autonomous) Tiruchirappalli.		28.02.2022	Panel Judge
Interdisciplinary Refresher Course in Life Sciences	UGC HRDC, BDU, Trichy	National	08.09.2021 to 21.09.2021	Participated
Five days online FDP on "The Heterogenous Perspectives of Life Sciences"	PG & Research Department of Zoology, Holy Cross College (Autonomous), Tiruchirappalli.	National	16 th - 20 th August 2021	Organized
Webinar on "Experiences on Faculty Innovation and Entrepreneurship"	EDII-Anna Business Incubation Research Foundation, University College of Engineering, Anna University Tiruchirappalli.	National	24 th June 2021	Participated
Two weeks Online FDP on "Pedagogy and Research Methods"	Organized by HRDC and IQAC of Academy of Maritime Education and Training (AMET)	National	24 th May - 06 th June 2021	Participated
International Webinar on 'Recent Trends in Biodiversity Conservation and Prospecting	Dr. BGR Publications and PG & Research Department of Zoology, Poompohar College, (Autonomous) Melaiyur.	National	27 th August, 2020.	Participated
Online certificate course on 'Remote Sensing Applications in	IIRS outreach network centre, Holy Cross College (Autonomous),	National	3 to 7 th August, 2020.	Participated

Agricultural Waste water'	Trichy.			
FDP- “Artificial Intelligence and IoT-Heuristic Transdisciplinary perspectives”	CICRSD Holy Cross College (Autonomous), Tiruchirappalli.	International	4 th -10 th July 2020	Participated
FDP online workshop on Virtual Teaching- A Paradigm Shift from Offline to Online Teaching”	PG & Research Department of Biotechnology & Bioinformatics, Holy Cross College (Autonomous) Trichy.	National	15, 17, 19 th June 2020.	Participated
National Webinar series on ‘Research Methodology’	Loyola College (Autonomous) Chennai.	National	12 th & 13 th June, 2020.	Participated
International Webinar Series on Infectious Disease - Biology, Diagnosis, Preventive Strategies of Corona viruses	Dept. of Plant Biology and Biotechnology, Loyola College (Autonomous) Chennai.	National	1 to 4 th June, 2020.	Participated
Five Days Online FDP on ‘Evolution of Teaching Learning Process-Post Covid-19	Bharat Institute of Higher Education and research, Chennai.	National	11 th -15 th May, 2020.	Participated
IIC online session to promote Innovation, IPR, Entrepreneurship, and Start-ups among HEIs	IIC of MHRD’s Innovation Cell, New Delhi.	National	28 April to 22 nd May 2020.	Participated
Online workshop for Teachers	Universal Teachers Academy, Puducherry, India.	State Level	21 st April to 30 th April 2020	Participated
International Colloquium on Intercultural Encounters	St. Joseph’s College, Tiruchirappalli.	International	03 rd & 04 th Jan 2020	Participated
Interdisciplinary Refresher Course in Life Sciences	UGC HRDC, BDU, Trichy	National	16.07.19 29.07.2019	Participated

DECLARATION

I hereby declare that all the information furnished above is true to the best of my knowledge.

Dr. A.J. Bhorgin Lourdu Mary