

Dr. P. DHANALAKSHMI M.Sc., M.Phil., B.Ed., Ph.D
Assistant Professor

Department of Zoology (SF-W),
Jamal Mohamed College (Autonomous),
Tiruchirappalli - 620020, TamilNadu, India

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EDUCATIONAL PROFILE

COURSE	INSTITUTION	YEAR OF PASSING	BOARD / UNIVERSITY
Ph. D., Zoology	Jamal College (Autonomous) Trichy	2020	Bharathidasan University, Trichy
B. Ed., Biological Science	New Ideal College Of Education, Trichy	2009	Tamil Nadu Teachers Education University
M. Phil., Biotechnology	Bharathidasan University, Trichy	2004	Bharathidasan University, Trichy
M. Sc., Zoology	Holy Cross College (Autonomous) Trichy	2000	Bharathidasan University, Trichy
B. Sc., Zoology	Holy Cross College (Autonomous) Trichy	1998	Bharathidasan University, Trichy

PROFESSIONAL EXPERIENCE

- Worked as PG Asst., in the Department of Biology, Sri Jayendra Matriculation Hr. sec school for 17 years.
- Working as Assistant professor in the Department of Zoology, Jamal Mohamed College,

Tiruchirappalli from August 2021 to till date.

RESEARCH TITLE

STUDIES ON THE OPPORTUNISTIC PATHOGENS OF HIV/AIDS PATIENTS OF PERAMBALUR DISTRICT AND ANTI MICROBIAL SCREENING OF HERBAL EXTRACTS ON THE ISOLATED PATHOGENS

PUBLICATION OF PAPERS

- Packirisamy Dhanalakshmi, Mohamed Shamsudin and Thangaraj Francis Xavier, 2016
CLINICO- MICROBIOLOGICAL STUDY OF OPPORTUNISTIC PATHOGENS IN HIV SEROPOSITIVE PATIENTS OF PERAMBALUR DISTRICT, TAMIL NADU, INDIA.
World Journal of Pharmacy and Pharmaceutical Science. 5(3): 776-780.
- Packirisamy Dhanalakshmi, Mohamed Shamsudin and Thangaraj Francis Xavier, 2016.
BIOLOGICAL EFFICACY OF CENTELLA ASIATICA (L) urban AGAINST OPPORTUNISTIC PATHOGENS.
International Journal of Pharmacy and Biological Sciences. 8(1): 209- 213.

PUBLICATION OF BOOK

Title of the Book: CODE AND CELLS: THE SYNERGY OF BIOTECHNOLOGY AND BIOINFORMATICS

EXTRA CREDIT

- **PATENT** - 1. STOMACH (GASTRIC) CANCER DETECTOR DEVICE
- DESIGN No.401220-001

SEMINAR AND CONFERENCE

- ❖ Attended the **SCIENCE ACADEMIES**, Lecture Workshop on **Bioprospecting and Bioresources** organized by PG & Research Department of Botany, St. Joseph's College, Tiruchirappalli from 10th -12th February 2016.
- ❖ Participated “**National Seminar on Environmental challenges to Climate Change**” organized by the Post Graduate Department of Zoology. Jamal Mohamed College, Tiruchirappalli on 14th October 2016.
- ❖ National Conference on **Post Covid -19 Complications – A Biotechnological Approach (PCBA ‘22)**” organized by the Post Graduate Department of Biotechnology. Jamal Mohamed College, Tiruchirappalli on 7th and 8th September 2022.
- ❖ Hands on Training on **Mammalian cell culture techniques for Anti-cancer studies** organized by Dept. of Biomedical science, BDU, Trichy on 28.03.2022 and 29.03.2022.
- ❖ National seminar on “**Innovative Research Approaches in Vaccine Technology**” organized by the P.G. and Research Department of Zoology, Jamal Mohamed College, Tiruchirappalli-620020, on 28th May 2022.
- ❖ Participated in Lecture Workshop on **Advances in Vaccinology** organized by Jamal Vaccine Research Centre, P.G. and Research Department of Zoology, Jamal Mohamd College, Tiruchirappalli, Tamilnadu, India on 19.07.2023.
- ❖ Presented **Third International Conference on Biotechnological Approaches for global Environmental Problems** (ICBAGEP) organized by the Post Graduate Department of Biotechnology, Jamal Mohamed College, Tiruchirappalli, India held on 12. 02. 2024.
- ❖ International National seminar on “**Environmental Health in Tiruchirappalli: Issues, Challenges and Pathways**” jointly organized by P.G. and Research Department of Zoology & Water Environment Students’ CLUB, Jamal Mohamed College, Tiruchirappalli-620020, Tamilnadu, India on 18.09.2024

FACULTY DEVELOPMENT PROGRAMME ATTENDED

1. Participated in one week Interdisciplinary Faculty Development Programme on

“Research and Beyond” by Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi from 9th to 14th October 2021.

2. Participated one day Orientation Programme on **“Gender and Socialization”** organized by the P.G. and Research Department of women’s studies Bharathidasan University, Khajamalai campus, Tiruchirapalli-620023 on 21st December 2022
3. Participated one week Faculty Development Programme on **“ Ancient Indian Knowledge in the Contentemporary Higher Education Scenario”**, held during 16.11.2023 to 22.11.2023 conducted by V. V. Vanniya Perumal College for Women, Madurai & Jamal Mohamed College, Trichy.
4. Participated one week Faculty Development Programme on **“Current Trends in Life Sciences”**, held during 27.11.2023 to 03.12.2023 organized by Seethalakshmi Ramaswamy College, Trichy.
5. Organized Two Day Workshop on **“Medical Laboratory Techniques”** by Department of Zoology (SF-W), Jamal Mohamd College, Tiruchirappalli held on 6th and 7th February 2023.
6. Presented a paper entitled **“Clinico – Evaluation of Antibacterial Efficacy of Cadaba fruticosa against selected Pathogenic Bacteria** in the International Conference on Future Challenges of Microbes in Environment (ICFCME- 2023) Organised by the P.G. and Research Department of Microbiology, Jamal Mohamd College, Tiruchirappalli, in Association with Microbiologists Society, India held on 23.02.2023.
7. Presented a paper on Third International Conference on **“Environment and Health” (ICEH-2023)** Organised by the P.G. and Research Department of Zoology, Jamal Mohamd College, Tiruchirappalli, held on 01.03.2023 & 02.03.2023.
8. Participated A One Week Faculty Development Programme, On **“Road Map for Intellectual Property Rights”** organized by **IPRC, IQAC and IIC** of Jamal Mohamed College , Trichy, from 08.01.2024 to 12. 01.2024.
9. Presented a paper entitled **“Clinico – Microbiological Study of Oppoptunistic Pathogens in HIV/AIDS Patients of Perambalur District”** in the Third International

Conference on Emerging Trends in Microbial Technology (ICETMT- 2024) Organised by the P.G. and Research Department of Microbiology, Jamal Mohamed College, Tiruchirappalli, in Association with Microbiologists Society, India held on 24.01.2024.

10. Participated A five Day Faculty Development Programme, On “**Inspire, Engage and Empower**” Jointly organized by P.G. and Research Department of English (SF– Women), and Internal Quality Assurance Cell, Jamal Mohamed College , Trichy, from 01.02.2024 to 07. 02.2024.
11. Participated A five Day Faculty Development Programme, Jointly organized by P.G. and Research Department of Zoology, P.G. and Research Department of Biotechnology and Internal Quality Assurance Cell, Jamal Mohamed College , Trichy, from 05.06.2024 to 09. 06.2024.
12. Awarded Appreciation of the invaluable Service and Contribution as an Active Member of “**Food and Model Stalls**” Committee for the conduct of Silver Jubilee Celebrations of Women Section of our College on 26.07.2024.
13. Awarded Appreciation of the invaluable Service and Contribution as an Active Member of “**Departmental Events**” Committee for the conduct of Silver Jubilee Celebrations of Women Section of our College on 26.07.2024.
14. Participated “**A Five Day Upskilling Programme**”, jointly organized by P.G. and Research Department of English and Internal Quality Assurance Cell, Jamal Mohamed College, Trichy from 19.08.2024 to 23.08.2024.

ACTED AS A RESOURCE PERSON

1. Acted as an **Evaluator in District level 31st National Children’s Science Congress 2023**, coordinated by Tamil Nadu science forum (TNSF) on 30.10.2023 held at Jamal Mohamed College, Trichy.
2. Acted as a **Jury in the event RANGOLI in Animalia 2K23** Organised by the P.G. and Research Department of Zoology, Jamal Mohamed College, Tiruchirappalli, held on 08.02.2023.

3. Acted as a **Resource Person** entitled on **Health & Hygiene** in Hostel Day Celebration, Jamal Mohamed College, Tiruchirappalli, held on 06.02.2024.
4. Acted as a **Jury in the event RANGOLI in Animalia 2K24** Organised by the P.G. and Research Department of Zoology, Jamal Mohamed College, Tiruchirappalli, held on 06.03.2024.
5. Acted as an **Evaluator** in SOLO DANCE Competition for “**Teacher’s Day Celebration**” at Holy Cross College (Autonomous), Trichy, 16.08.2024.
6. Acted as a **Resource Person** in a Five day workshop, Organised by the P.G. and Research Department of Tamil (SF W), Jamal Mohamed College, Tiruchirappalli, from 19.02.2024 to 23.02.2024.

ACADEMIC INCHARGES

- ❖ WATER ENVIROMENT STUDENTS’CLUB – Club Advisor (Dec. 2023 onwards..)
- ❖ ZOOLOGY (SF-W) ASSOCIATION - Vice – President (2023 onwards..)
- ❖ CDC – Member (2022 onwards..)
- ❖ SPORTS INCHARGE (2022 – 2024)
- ❖ TUTOR INCHARGE (2021 Onwards....)

RESEARCH AREA OF INTEREST

- ❖ Animal behavior
- ❖ Nano Particle studies
- ❖ Ecological Studies

AREA OF SPECIALIZATION

- ❖ Developmental Biology
- ❖ Animal physiology
- ❖ Cell Biology
- ❖ Microbiology
- ❖ Biotechnology
- ❖ Genetics
- ❖ Immunology

PERSONAL SKILLS

- ❖ Good communication, Curriculum Expertise, Expertise in the Subject Matter, Committed and Motivated for Research and Hard working

PERSONAL PROFILE

- Date of Birth : 15.03.1977
- Gender : Female
- Nationality : Indian
- Religion : Hindu
- Address for Communication : No. 30, Raja colony,
II Main Road,
Collector Office Road,
Cantonment,
Tiruchirapalli-620 001
Tamil Nadu, India

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