

Name: DR.B.JENITA SATHIYA PRIYA

Designation: Assistant Professor

Department: Zoology

Date of Joining: 26.07.2019

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Educational Qualification:

Degree	Subject	College / University & Place	Year Completed
Bsc	Zoology	Lady Doak College, Madurai	1998
Msc	Zoology	The American College, Madurai	2002
B.Ed	Zoology	Immaculate College of Education, Pondicherry	2003
M.Phil	Zoology	Annamalai University, Chidambaram	2006
Ph.d	Zoology	Madurai Kamaraj University	2023

Qualified Exam

**Passed STATE ELIGIBILITY TEST FOR LECTURERSHIP
–(SET-2017) Reg. no. 26125712 conducted by Mother Teresa
university ,Kodaikanal.**

Specialisation in Teaching:

**Environmental science, Immunology, Microbiology and
Evolution.**

Specialisation in Research:

Environmental microbiology.

Research Interests: Microbiology, Immunology, Entomology.

Other Work Experience:

Designation	Institution / Company	Year - From (month/year) To (month/year)
lecturer	CSI Arts and Science College for women, Madurai.	2003- 2014
BT Assistant	Capron Hall higher secondary school, Madurai.	2014 - 2015
BT Assistant	CSI JA High School, Melur.	2015- 2016
Assistant Professor	The American College, Madurai.	2016 -till date

Articles Published in International Journals:

- ❖ Presented a paper on 3rd International conference on Competency Building Strategies in Business and Technology for sustainable Development, the paper titled **“Studies on Temporal Relationship between Immuno stimulation and Vaccination in *Oreochromis Mossambicus*”** regarding host resistance.
- ❖ Published a Research paper on venture International Journal of Biological science (VIBS)
ISSN -2454- 454X Volume-1 Issue-3 March – May 2016
the paper titled on **“Enhancement of Biodegradation of HDPE (High Density Polyethylene) using Microorganisms isolated from Municipal Solid Waste”**.
- ❖ Published research paper in international conference on **“New Horizons, Emerging Challenges And Recent Paradigms In Food Mediated Immunity And Their Role In Human Health And Longevity”** 31st August-1st September 2016 held at The American College, Madurai, The paper titled **“Immunomodulatory. Properties of Phyllanthusemblica on human PBMCs against Hepatitis B Virus”**
- ❖ Published research paper in international conference on **“New Horizons, Emerging Challenges And Recent Paradigms In Food Mediated Immunity And Their Role In Human Health And Longevity”** 31st August-1st September 2016 held at The American College, Madurai, The paper titled **“Probiotic efficiency of lactic acid bacteria from milk treated against gastro intestinal pathogens”**
- ❖ Presented a poster on International Conference cum webinar on Recent innovations in

Biosciences on Determination of the antimicrobial efficacy of natural and commercial honey on 7th Feb 2018 Conducted by the PG and Research Dept of Zoology, Holy Cross College Trichy.

- ❖ Attended the Two days International virtual workshop on “Innovative Resources and IPR in Research held on 8 th-9th October 2021 organized by the PG& Research Department of Mathematics, The American college, Madurai, Tamil Nadu ,India.

Articles published in National journals:

- ❖ Presented a Research paper on National Conference on “**Global Opportunities for recent Developments in Science and Technology**” on studies on Temporal Relationship between immune stimulation and vaccination in *Oreochromis mossambicus*(PETERS) (ISBN No: 978-93-82323-26-6) 2014. held at Rev.Jacob Memorial Christian College, Ambilikai, Dindigul Dt.
- ❖ Science Academies lecture workshop on introduction to Modern Biology held in the American College, Madurai on 19th and 21stJanuary 2017.
- ❖ One day National seminar on Macro to Micro focusing on Biology Research organized by government arts college – melur on 2nd march 2017.
- ❖ Participated and presented a poster on cancer immunology and immunotherapy conducted byThe Dept of Zoology, Saiva Bhava Kshatriya College, Aruppukkottai on 21st and 22nd Sep 2017.
- ❖ Presented a oral presentation on biodegradation of low density polyethylene using microorganism in the National Conference entitled “**Impacts on pollution on health and restoration of quality of Environment through Biotechnological application**” on 2nd and 3rd Feb 2018 held at The American College, Madurai, published in international journal of Multidisciplinary researches with ISSN: 2349-8684 Journal with impact factor 3.487
- ❖ Presented a poster in National Conference on Emerging Trends In Entomology on the “**Studieson the effects of larvicidal activity of *Adhathodavasica*against second larval instars of *Aedes albopictus***“ on 7th and 8th March 2019 conducted by the PG and Research Dept of Zoology, The American college Madurai.

- ❖ Participated in the National Conference on Coral Reefs : Threats and conservation on 12th Feb 2019 conducted by PG and research Dept of Zoology, The American College, Madurai.
- ❖ National conference on recent trends in Biological Sciences organized by PG and Research Dept of Zoology, The American College, Madurai on 3rd February, 2020.
- ❖ Participated in the one day Entrepreneurship Development programme in sericulture organized by central Silk Board, Government of India ,Research Extension centre, samayanallur, conducted by Department of Zoology held on 9 th January 2020.
- ❖ Presented a paper entitled "Comparative study of natural and commercial Honey for its antibacterial activity " in the International conference on Advances in Biosciences and Biotechnology(ICABB-2021) organized by the Department of Biotechnology, Mother Teresa Women's university, kodaikanal on August 12-13,2021
- ❖ Attended the Two days International virtual workshop on "Innovative Resources and IPR in Research held on 8 th-9th October 2021 organized by the PG& Research Department of Mathematics, The American college, Madurai, Tamil Nadu ,India.
- ❖ Participated in the National webinar on 'Conservation of Mangrove Ecology' on celebrating 'World Forest Day' organized by natural club of Rajapalayam Raju's college on 22 nd March 2021.
- ❖ Participated in the webinar on the topics "Ecology, behavior, threats and wild life Association of Rajapalayam(WAR) on 11th june,2021.
- ❖ Participated in the Tamil nature webinar series exclusively by women birders and nature enthusiasts of Tamil Nadu conducted by Salem Ornithological foundation in association with Bird count on july 18,2021.
- ❖ Participated in the webinar on " Insights on infectious and rare Diseases" organized by the department of zoology ,GTN, Arts college, Dindigul, on 15.05.2020.

- ❖ Participated in the National webinar on celebrating “World Dugong Day” on the topic “Dugongs: Sea Cow or Sea angel?” organized by Nature club of Rajapalayam Raju’s college and wild life association of Rajapalayam (WAR) on 31st May, 2021.
- ❖ Participated in the “World Environment Day Quiz 2021” organized by the Department of Ecological concerns, Diocese of Madurai-Ramnad, church of south India on 05.06.2021.

National Conference / Seminars :

- ❖ Presented a Research paper on National Conference on “**Global Opportunities for recent Developments in Science and Technology**” on studies on Temporal Relationship between immune stimulation and vaccination in *Oreochromis mossambicus* (PETERS) (ISBN No: 978-93-82323-26-6) 2014. held at Rev. Jacob Memorial Christian College, Ambilikai, Dindigul Dt.
- ❖ Presented a poster in National Conference on Emerging Trends In Entomology on the “**Studies on the effects of larvicidal activity of *Adhathodavasic* against second larval instars of *Aedes albopictus***” on 7th and 8th March 2019 conducted by the PG and Research Dept of Zoology, The American college Madurai.
- ❖ Presented a oral presentation on biodegradation of low density polyethylene using microorganism in the National Conference entitled “**Impacts on pollution on health and restoration of quality of Environment through Biotechnological application**” on 2nd and 3rd Feb 2018 held at The American College, Madurai, published in international journal of Multidisciplinary researches with ISSN: 2349-8684 Journal with impact factor 3.487
- ❖ Published a research paper on **Uttarpradesh journal of zoology** ISSN 0256 971X(p) December 2020 the paper titled ‘Enhancement of Biodegradation of HDPE using sporulating microorganisms’.

Faculty Development programme

- ❖ Participated in the UGC sponsored online faculty induction programme conducted by the UGC-Human Resource Development centre, Madurai Kamaraj university held from 19.02.2021 to 20.03.2021 and obtained “A” grade

- ❖ Attended a two weeks faculty Development programme on “Advanced concepts for developing Moocs” from July 02 July 17,2020.
- ❖ Attended a two week interdisciplinary refresher course /faculty development programme on “Research Methodology” fom 20 september-05 october,2021 and obtained Grade “A.’ grade.

Awards / Fellowships:

- ❖ **YOUNG EDUCATOR & RESEARCHER AWARD by NATIONAL FOUNDATION FOR ENTREPRENEURSHIP DEVELOPMENT [NFED]**

Other Activities / Academic Credentials:

- **Holding a Position as a programming officer for YOUTH RED CROSS in CSI COLLEGE OF ARTS & SCIENCE FOR WOMEN. MADURAI.(2006-2010)**
- **An active Staff Advisor in Students Christian Movement and also a member in the Events Organizing Committee. in CSI COLLEGE OF ARTS & SCIENCE FOR WOMEN. MADURAI**
- **Volley-Ball team member in Lady Doak College and had Played in Inter Collegiate Tournaments.**
- **Best Student Award for Conduct in the Hostel during my UG Degree course in LADY DOAK COLLEGE – MADURAI.**
- **Active Participant member in Student Christian Movement and as a Prayer Secretary in Ladies hostel during my PG Degree Course in The AMERICAN COLLEGE, Madurai.**
- **Holding a position as an Academic advisor for the year 21 series**
- **Active participant as a teaching faculty in community college for Aquaculture.**
 - **Project Associate –Service Learning Programme (Vaigai Ecology)- Part V**