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### STUDIEDUGANDPG

S.No	Degree	Area of Specialization	Institution/University	Yearof Study
1	B.Sc.,	Microbiology	J.J College of Arts and Science/Bharathidasan University	1996-1999
2	M.Sc.,	Microbiology	J.J College of Arts and Science/Bharathidasan University	1999-2001

### UNIVERSITY WHERE RESEARCH DONE

S.No	Name of the University & Degree	Yearof Study	Area of Specialization
1	Bharathidasan – M.phil.,	2005-2006	Microbiology
2	Bharathiar - Ph.D.,	2008-2012	Environmental Management & Biotechnology

## CURRENT RESEARCH FIELD

1	Environmental Microbiology
2	Medical Microbiology
3	Industrial Microbiology
4	Agricultural Microbiology
5	GIS and Remote Sensing
6	Microbial Biotechnology
7	Food and Dairy Production

## EXPERIENCE

- ✓ Worked as a lecturer in the Department of **Microbiology, Syed Hameedha Arts & Science College, Keelakarai** during the period of July 2001 to Apr 2007
- ✓ Working as an **Assistant Professor** in Department of **Microbiology, Yadava College, Madurai** Since July 06.07.2011 to till date.

## ACTED AS A JUDGE

- ✓ Acted as a Judge, assessed and valued the scientific models presented by students at the state level "**SCIENCE EXPO-2017**" Organized by E.M.Gopalakrishna Kone Yadava Women's College, Madurai on 28.02.2017.
- ✓ TO TALK ON UYIR URA THOZHIL NUTPAM, Organized by PRASAR BHARATI (India's Public Service Broadcaster) Akashvani FM RAINBOW MADURAI 103.3 on 17.11.2023
- ✓ Act as a CHIEF GUEST for a Science Extravaganza 24 Organized by Madurai Public School on 24.2.24
- ✓ Act as a JUDGE for A National level intercollegiate meet –MAC24 –JUST A MINUTE Organized by the Department of Zoology Yadava College Madurai on 6.3.24
- ✓ Act as a judge for a Kalvi InnoSwank (STEM) Science Expo -2025 Organized by Kalvi International Public School Nagari, Madurai on 5-03-2025
- ✓ Act as a Resource person –Seminar on Food Adulteration and its Detection Organized by E.M.Gopalakrishna Kone Yadava Women College- Madurai on 25-03-2025

## AWARDS/REWARDS/FELLOWSHIP

S.No	Name of the Award/Fellowship	Institution/Funding Agencies	Year
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1	Junior Research Fellow	Bharathiar University-Defense Research and Development Organization, Center For Life Sciences, Coimbatore	November 2007 to November 2009
2	Senior Research Fellow	Bharathiar University-Defense Research and Development Organization, Center For Life Sciences, Coimbatore	November 2009 to March 2011

**SEMINAR/WORKSHOPS/CONFERENCE ATTENDED**

<b>S.No</b>	<b>Title</b>	<b>Institution and place</b>	<b>Date and year</b>
1	International workshop and conference on “Renewable energy and climate change exploring opportunities for sustainable Development”	Madurai Kamaraj University, Madurai	5 <sup>th</sup> to 7 <sup>th</sup> April, 2012
2	National Level Workshop On Geomatic Based Natural Resources Disaster Mitigation And Managements	The Tamil University, Thanjavur	22 <sup>nd</sup> to 26 <sup>th</sup> February, 2010
3	National level training workshop on Environmental Trace Analysis of Pesticide and Pharmaceuticals	Department Of Environmental Biotechnology, Bharathidasan University, Tiruchirappalli	24 <sup>th</sup> to 26 <sup>th</sup> September 20 08
4	AICTE training Programme on “GIS Techniques For Environmental Governance , Urban Management And Rural Development	DRDO-BU centre for life sciences, Bharathiar University, Coimbatore	21 <sup>st</sup> April to 4 <sup>th</sup> May 2008

5	Workshop on "Recent Developments in Geospatial Technology"	Bharatidasan University Tiruchirappalli	March, 18 <sup>th</sup> to 19 <sup>th</sup> 2009
6	National conference on Impact of Climate Change on Biodiversity of Insects and Environment	Department of Zoology, Bharathiar University, Coimbatore	March 15-16, 2010
7	National seminar on "Recent Trends in Aquaculture Practices"	Department of Zoology, Bharathiar University, Coimbatore	7 <sup>th</sup> and 8 <sup>th</sup> August, 2008
8	Training programme on Academic Leadership	Crescent College of Education for Women, Madurai	January 25 <sup>th</sup> -28, 2018
9	International seminar on Emerging trends in Biological research	Department of Zoology, Fatima College, Madurai	February 26, 2019
10	National conference on "Recent trends in Modern Immunology"	Department of Immunology and Microbiology, The American college, Madurai	January 23, 2019
11	National conference on "Emerging Trends in Microbiology"	P.G. Department of immunology and Microbiology, The American college, Madurai	March 12, 2019
12	GIS Training – Introduction To ArcGIS9	ESRI India authorized learning centre, Chennai	November 11, 2008

### **PARTICIPATED (VIRTUALLY) IN INTERNATIONAL/NATIONAL CONFERENCES**

1. Participated in one day International Webinar on "past, present and future Trends in vaccinology"  
Organized by the Madurai Kamaraj university, Madurai on 20th July 2020.
2. Participated in the International Webinar on "Novel Approaches: Human Therapy and Animal Nutrition"  
Organized by the directorate of distance education – Microbiology wing, Alagappa university, Karaikudi  
from 28-5-2020 to 30-5-2020
3. Participated in the International Webinar on "Biotechnology: Application Areas and Development Process"  
Organized by the directorate of distance education – Biotechnology wing, Alagappa university, Karaikudi  
from 31-5-2020 to 2-6-2020
4. Participated in the International Webinar on "Recent Biological perspectives"  
Organized by the Department of Biochemistry, V.V.V. College for women, from 02-06-2020 to 03-06-2020
5. Participated in the International Webinar on Modern Enhancement in Life Science"  
Organized by the Department of Zoology, Seetha Lakshmi Achi College for Women, pallathur from 03-6-2020 to 4-6-2020.
6. Participated in the National Webinar on "Recent advancements Bio and Nanomaterials"  
Organized by

PG and Research Department of physics, Vivekananda College of arts and sciences for women  
 , Tiruchengode, Namakkal on 30-5-2020

7. Participated “Recent advancements in Bio and Nanomaterials” Organized by PG and Research  
 Department of physics, Vivekananda College of arts and sciences for women, Tiruchengode, Namakkal.

8. Participated in the International Webinar on “overview of Emerging Infectious Diseases and Its Control  
 Measures” Organized by the Department of zoology, Arumugam Pillai Seethai Ammal College,  
 Tirupattur on 27-6-2020

9. Participated in the National Webinar on “Human Microbiome at the Interface of Health and Disease”  
 Organized by P.G. Department of Microbiology, The American College, Madurai on 2-11-2020 to 3-11-2020

10. National Level Conference on Current and future perspectives of plant and animal Microbiome  
 For Healthcare And Industrial Applications Organized by Sri Kaliswari College (Autonomous),  
 Sivakasi on 19-12-2024

## PUBLICATIONS

S.No	Paper Title	Journal/publisher	Year of Publication
1	Assessment Of Fluoride Contamination In Groundwater Using GIS, Dharmapuri District, Tamilnadu, India	International Journal of Engineering Science and Technology	2011
2	Microbiological Quality Assessment in a Fish Processing Plant at mandapam, Ramanathapuram District.	Archives of Applied Science Research	2011
3	Biochemical characterization and cytotoxicity of the <i>Aeromonas Hydrophila</i> isolated from Catfish	Archives of Applied Science Research	2011
4	Identification of Fluoride contamination with the interaction of physio-chemical characteristic in Groundwater of Dharmapuri District, Tamil Nadu,	Archives of Applied Science Research	2011
5	Production of Protease from <i>Pseudomonas</i> Sp. by Immobilization Approach on Different Matrices	European Journal of Applied Sciences	2012
6	Purification and characterization of alkaline protease from <i>Lysinibacillus fusiformis</i>	Journal of Biochemical Technology	2012
7	Feeding preference and efficiency of mosquito fish, <i>Gambusia affinis</i> and its density in the natural water resources of higher altitude areas of The Nilgiris, Western Ghats, India	International Journal of Current Science Research	2016

**SEMINAR/CONFERENCE/WORKSHOPS ORGANISED**

1. DST-INSPIRE Science camp-2015 with special reference to India-based Neutrino Observatory (INO), Sponsored by the Department of Science & Technology (DST), New Delhi 23rd –27th December 2015 held at Yadava College, Madurai as an Organizing member.
2. 2nd DST-INSPIRE Science Camp 2016, 23rd –27th August –2016 Sponsored by the Department of Science & Technology (DST), New Delhi held at Yadava College, Madurai as an Organizing member

**ACADEMIC BODIES (SUCH AS BOARD OF STUDIES ETC..)**

S. No	Name of Role	Name of the Institution	Period
1	Subject Expert (UG Microbiology)	The American College	2016-2017
2	Chairman (DMLT and CLT)	Periyar University	2016-2020
3	Subject Expert (UG Microbiology)	Sourashtra College	2017-2018
4	Chairman (UG Microbiology)	Periyar University	2020
5	Subject Expert (UG Microbiology)	The American College	2019-2020
6	Awards Committee Member	Yadava College, Madurai	2019-2021
7	Subject Expert (PG Microbiology)	The American College	2020-2021
8	Chairman (UG Microbiology)	Pondicherry University	2022-2026

