

## Dr.PRISILLA

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Bishop Heber College,  
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### Qualification

Degree	Branch	Institution / University	Year of Passing
Biotechnology	Interdisciplinary in Biochemistry	Bharathidasan University	2019
Biochemistry	Life Sciences	St. Joseph'S College Trichy-02	2013
Biochemistry	Biochemistry	Holy Cross College Trichy-02	2011

Obtained Post Doctoral Fellowship :  
Host Institution :

Agency

Cleared NET / SET :

Details

Year of Passing

### Additional Qualification

Name of Course	Place of Study	Date	Duration
DMLT	Holy Cross College	May 2011	One Year

### Work Experience

Name of Institution	Address of Institution	Designation	From	To
Holy Cross College	Trichy-02	Assistant Professor	20-11-2017	20-11-2018
Holy Cross College Trichy	Trichy	Assistant Professor	20-11-2017	20-11-2018
Bharathidasan University	Bharathidasan University, Trichy.	junior Research Fellow	23-10-2014	31-03-2016
Bharathidasan University	Bharathidasan University, Trichy.	Project Fellow	29-09-2016	31-03-2017

### Teaching / Research Experience

U.G. : 1

P.G. : 1

M.Phil.

Ph.D.

### Research Guidance

U.G. : 1

P.G. :

M.Phil. :

Ph.D. : 5

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2.	<b>Research Papers Presented</b>	<b>4</b>
3.	<b>Publication in Journals</b>	<b>1</b>
4.	<b>Publication in Books</b>	<b>2</b>
5.	<b>Books Published / Edited</b>	<b>0</b>
6.	<b>Conferences / Workshops / Seminars Organised</b>	<b>3</b>
7.	<b>Research Projects</b>	<b>0</b>
8.	<b>Resource Person</b>	<b>2</b>
9.	<b>Consultancy</b>	<b>0</b>
10.	<b>Awards Recieved</b>	<b>5</b>
11.	<b>Patent</b>	<b>0</b>
12.	<b>Extension Activities Undertaken</b>	<b>0</b>
13.	<b>Professional Membership</b>	<b>1</b>
14.	<b>M.Phil. / Ph.D. Produced</b>	<b>0 / 0</b>

1. International level Seminar on "**Biomedical sciences and technology**" sponsored by Holy Cross College organized by Holy Cross College at Trichy during 03/02/2011 to 03/02/2011.
3. -1 level Conference on "**Nanotechnology in biology and medicine**" sponsored by organized by at during 01/01/1900 to 01/01/1900.

## Research Papers Presented

- 4

1. "**Screening and selection of avirulent mutants from Clostridium botulinum C2 toxin based on its evolutionary constr**" in the International conference on *International Conference on Microbiome in Health* sponsored by Sri Balaji Vidyapeeth, organized by Sri Balaji Vidyapeeth, Puducherry at Puducherry during 03/03/2017 to 04/03/2017.
2. "**Structure, function and evolution of Clostridium botulinum C2 and C3 toxins: Insight to poultry and veterinary vaccines**" in the International conference on *International Conference on Reasserting Microbial Biotechnology to Deflate Global Disease Burden* sponsored by DBT&DST, organized by Manonmaniam Sundaranar University, at Tirunelveli-12 during 28/09/2015 to 29/09/2015.
3. "**C3 exoenzymes from Clostridium botulinum type C and D phages as vaccine candidates.**" in the National conference on *National Seminar on Biotechnology in Development of Therapeutics/Drugs and Vaccines* sponsored by DBT, organized by JSS College of Pharmacy at Ooty during 13/08/2015 to 14/08/2015.
4. "**Structure-function disparity of C3 exoenzymes from Clostridium botulinum type C and D phages for selecting as vaccine candidates**" in the National conference on *National Seminar on Bioinformatics* sponsored by UGC, organized by Bharathidasan University, Tiruchirappalli at Tiruchirappalli during 28/01/2015 to 29/01/2015.

## Publication in Journals

- 1

1. "**Deciphering structure, function and mechanism of Plasmodium IspD homologs from their evolutionary imprints. Journal of Computer-Aided Molecular Design**" published in Journal of Computer-Aided Molecular Design (PEER REVIEW) Vol. 33, Issue No. , January 2019 ISSN : ---.

## Publication in Books

- 2

1. **Analyzing the interaction of synthetic inhibitor with phospholipases through in silico methods.** PHOSPHOLIPASES IN PHYSIOLOGY AND PATHOLOGY. Elsevier :Elsevier, August 2023.
2. **Immunomodulatory Algal Metabolites for Alleviating Inflammation and Cancer.** Handbook of Oxidative Stress in Cancer: Therapeutic Aspects,. Springer Nature :Springer Nature, September 2022.

1. International level Conference Entitled **"Screening and selection of avirulent mutants from Clostridium botulinum C2 toxin based on its evolutionary constraints."** at Puducherry(Mar, sponsored by Sri Balaji Vidyapeeth,, during 03/03/2017 to 04/03/2017.
2. International level Conference Entitled **"Structure, function and evolution of Clostridium botulinum C2 and C3 toxins: Insight to poultry and veterinary vaccines."** at Tirunelveli, sponsored by Manonmaniam Sundaranar University, during 28/09/2015 to 29/09/2015.
3. National level Seminar Entitled **"Structure-function disparity of C3 exoenzymes from Clostridium botulinum type C and D phages for selecting as vaccine candidates."** at Tiruchirappalli, sponsored by Bharathidasan University,, during 28/01/2015 to 29/01/2015.

**Awards Recieved - 5**

Award Name	Presented by	Year	Level	Instituted by / Place	amount
Research Excellence	Institute of Scholar InSc	13/02/2021	INTERNATIONAL	Institute of Scholar InSc	
Young Scientist Award	International Scientist Awards 2021	09/01/2021	INTERNATIONAL	VDGOOD TECHNOLOGY FACTORY	
Young Scientist Travel Award	International Conference on Microbiome in Health, Disease and Environment,	03/03/2017	INTERNATIONAL	Sri Balaji Vidyapeeth, Puducherry	
Young Scientist	Microbiome in Health, Disease and Environment	03/03/2017	INTERNATIONAL	Sri Balaji Vidyapeeth, Puducherry	5000
Best poster presentation	Dr. V. Balakrishnan memorial CME programs	19/02/2013	SELECT	St. Joseph's College, Trichy	

**PROFESSIONAL MEMBERSHIP - 1**

- \* Research excellence InSc20203399 of Institute of scholar InSc during 13/02/2021 - Till Date

**RESOURCE PERSON - 2**

1. National level Workshop on **"Basic Bioinformatics Resources"** at St. Joseph's College (Autonomous), Devagiri, Kozhilkode, 21/03/2018.
2. National level Workshop on **"Taxonomic Identification of Coastal and Oceanic Copepodes"** at Bharathidasan University, Trichy, 12/07/2017.

**Signature of Staff  
(PRISILLA)**