



# Dr.Ganga .G

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**Official address:Assistant Professor in Microbiology**

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## Objective

My career goal is to immaculate the basic research and value of basic science in young talents and establish a social commitment through adopting science for the benefit of the society.

## Thrust Area of Research

Bacterial and Viral diagnostics, Molecular biology and Cell biology, Recombinant Vaccines and Genetic engineering, Microbiology and Virology

## Education

MSc in Applied Microbiology (University of Madras) & PhD in Biotechnology, ( ICAR)

## Skills and Experiences

### TEACHING

- Eight years of teaching experience PG and UG students in Microbiology, Biotechnology and Molecularbiology and Immunology

### RESEARCH

- 18 years of research experience
- Take a role in conducting many external funded research Activities
- Guided more 20 students in various student project

### MAJOR RESPONSIBILITIES AND POSITION HELD

- Worked as NSS program officer
- -BMC & Science club convener
- Member bord of studies in Biotechnology university of Kerala
- Deputy warden

- UBA Cordinator
- IQAC member
  
- ❖ **Junior Research Fellow**- Dept. of Animal Biotechnology, Rabies Unit .Tamilnadu Agriculture and Veterinary University, Chennai,. -Development of Recombinant vaccine against Rabies
- ❖ **Senior Research Fellow**- Indian Institute of Spices Research ,Calicut, Kerala, India-673012. - Improvement of Selected Spices Using Biotechnological tools
- ❖ **Research Associate**- Central Tuber Crops Research Inst. TVPM-Kerala, India-695017. - Development of transgenic cassava against ICMV-through pathogen derived resistance.
- ❖ **Senior Research Fellow** (Ph.D studentship ICAR FELLOW /GATE 2013)- C TCRI ICAR .TVPM-, India-695017.- Sweet potatoviruses-Development of molecular based methods for detection. (DEPT OF PATHOLOGY VIROLOGY)
- ❖ **Research Faculty** -Dept Environmental Science ,University of Kerala, Thiruvananthapuram
- ❖ **Postdoctoral Research Associate cum faculty**- Inter University Center for Genomics and Gene Technology University of Kerala **Assistant Professor in Microbiology**
- ❖ **Assistant professor in Microbiology** Sree Ayyappa College-TDB,

## PUBLICATION/TRAINING/WORKSHOP

- 12 Paper published in peer reviewed national and international journals.
- 30 Papers presented in National and International seminars and symposium
- 10 Training/workshop programme attended.

## Awards Received:

- Recipient of two international best paper award and national best paper awards
- Recipient of ICAR grant fellowship for the completion of PhD
- Recipient of Best NSS PROGRAMME officer award from University of Kerala
- National level winner ECHO project on nature conservation for WWF

## External Funded Project

<b>SI No</b>	<b>Title of Project</b>	<b>Funding Agency</b>	<b>Ref Number PI</b>
1	Identification and characterizations of chlamydia causing sexually transmitted infection in population of Kerala	UGC	<b>MRP (s)-0742/13-14/KLKE059/UGC-SWRO</b>
2	Isolation of natural pigment producing microorganism and its characterization and exploitation	<b>KSCSTE SPYTiS</b>	<b>NO1013/DIR/2015-2016/KSCSTE DATED 29/2/2016</b>
3.	Isolation of Microbes from Agriculture farm lands and bio prospecting	<b>KSCSTE SPYTiS</b>	Sanctioned and Listed in <b>KSCSTE</b> site

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