

**Name** : Ms.M.Nivethitha  
**Designation** : Assistant Professor  
**Department** : Microbiology  
**Qualification** : M.Sc.  
**Experience** : Teaching: 8 Months  
**Area of Specialization(s)** : Medical Microbiology & Environmental Microbiology  
**Email (Official ID)** : nivethitha.m@drngpasc.ac.in



### Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
M.Sc.,	Microbiology	Dr. N.G.P. Arts and Science College, Coimbatore	2021
B.Sc.,	Microbiology	Dr. N.G.P. Arts and Science College, Coimbatore	2019

### Additional Qualifications

Diploma / Vocational / Certification	Area of Specialization	Institution / University / Agency Name	Year
Diploma	Hospital Record Management	Bharathiyar University	2018
Online Course	Food Microbiology and Food Safety	Swayam	2015

### Projects

#### Completed

Project Title	Agency	Amount	Duration
Larvicidal activity of <i>Bacillus thuringiensis israelensis</i> (Bti) and its enhanced activities with selected plant extracts.	DBT	-	2015 - 2016

Green Synthesis of Silver Nanoparticles using <i>Zingiber officinale</i> Rhizome Extract and its Application on Diabetic Foot Ulcer.	DBT	-	2020-2021
Synthesis of Silver Nanoparticles Using Leaf Extract of <i>Tridax procumbens</i> and Analysis of its Activity against Skin Infection Causing Bacteria.	DBT	-	2020-2021

### Research Publications (Indexed)

#### International

- Mayurika.N, **Nivethitha.M**, E.Kumaran , Larvicidal activity of *Bacillus thuringiensis* (Bti) and it's enhanced activities with selected aqueous plant extracts. **International journal of Research and Analytical Reviews (IJRAR)**, Volume 6 Issue 2 May 2019, E- ISSN 2348- 1269, P- ISSN 2349-5138.,(Indexed in UGC).
- **Nivethitha.M**, Ramachandran A.M, Green Synthesis of Silver Nanoparticles Using *Zingiber officinale* Rhizome Extract and it's Application on Diabetic Foot Ulcer. **International journal of Creative Research Thoughts (IJCRT)**, Volume 9, Issue 7,26 July 2021, ISSN: 2320-2882., DOI.,(indexed in Google Scholar.

#### Other Publications: International / National Journals

- Praveen.R, Ramachandran.A.M, **Nivethitha.M**, Synthesis of Silver Nanoparticles Using Leaf Extract of *Tridax procumbens* and Analysis of its Activity against Skin Infection Causing Bacteria. **Strand Research** Volume 8, Issue 9,2021, September ISSN: 0039-2049. DOI ( indexed in UGC)

#### Presentations in Conference

- ‘Lichens’,15<sup>th</sup> Annual National Level Conference on “ **Microbes Across Boundaries ( MAB-2017) Bridging Innovation in the field of Microbiology Through Interdisciplinary Approach**” Organized by Department of Microbiology and Indian Association of Applied Microbiologists (IAAM), Vivekanandha College of Arts and Science for Women, Trichengode, Nammakal, 2017.

- ‘Lichen Mediated Green Synthesized Silver Nanoparticles Coated with Filter Paper For Drinking Water Purification’, DBT Sponsored 16<sup>th</sup> National Conference Of Indian Association of Applied Microbiologists (IAAM), “**Human Microbiome in Personal Medicine –Bridging Humans and Microbes for Future Sustainability**”, Organized by Division of Molecular Biology, Faculty of Life Sciences, JSS AHER, Mysuru,27&28-Sep-18, Won First Place.
- ‘Lichen Mediated Green Synthesized Silver Nanoparticles Coated with Filter Paper For Drinking Water Purification’,**National Conference on Futuristic Intricate Stratagems in Computational Genomics CGEN-2019**.Sponsored by DBT, Organized by Department of Botany and Bioinformatics, Nirmala College for Women Cbe,24&25-Jan-19. , Won Second Place.
- ‘Heavy Metal Accumulation in Lichens Collected From Nilgiris, Tamilnadu and Evaluation of Cytotoxic Activity of Lichen Extract on Hela Cell Line’, **National Conference on Unearth the New Frontiers in Life Sciences (NCUFS ‘19)**, Sri Krishna Arts and Science College, Cbe,11-Feb-19.
- ‘ Larvicidal activity of *Bacillus thuringiensis israelensis* (Bti) and its enhanced activities with selected plant extracts’. **National Conference on Futuristic Approach in Transformation of Biosciences Research ( FATBR-2020)**, Organized under DBT- STAR College Scheme, Department of Biochemistry, Biotechnology, Microbiology, Food Science and Nutrition and Clinical Lab Technology, Dr.N.G.P Arts and Science College, Coimbatore, 6&7-Mar-20, Won Third Place.

## Participation in Conference

### National

- ‘**Effects of Demonetization in Indian Economy**’, **Panel Discussion with Corporate Leaders**, Department of Commerce Finance, Dr. N. G. P Arts and Science College, Coimbatore,16-Dec-16.
- **National Symposium on Graduate Research-20.(NSGR-20)**, Department of Biochemistry, Microbiology, Biotechnology under DBT Star Scheme, 21&22-Feb-20..

## Participation in Seminars

- ‘Isolation and Identification of Amylase Producing *Bacillus subtilis* from Kitchen Waste and study of Mutagenic Activity’, ‘**National Seminar on the Novel Microbial Technologies for**

**Sustainable Developments'** Organized by School of Biotechnology, Dr. G.R.Damodaran College of Science Coimbatore, 11&12-Oct-19.

- **'Bioconservation' Seminar on world Nature Conservation Day- July- 28**, Organized by Department of Microbiology under DBT Star College Scheme Dr. N.G.P Arts and Science College, 27-Jul-19. Won Second Place.
- **National Seminar on Biodiversity and its Prospecting** , Organized by Department of Biotechnology and Microbiology at Dr. N.G.P Arts and Science College, under DBT Star College Scheme, 28-Feb-19.
- **Seminar on Curbing Of Pollution Day in the Event of National Pollution Day**, Secured First Place, Organized by Department of Microbiology, under DBT Star College Scheme, 02- Dec-19.
- **National Seminar on Computing Platforms For Biological Big Data Analytics**, Organized by Department of Information Technology and Department of Microbiology, Dr. N.G.P Arts and Science College, 5&6-Feb-20.
- **International Seminar on Prespectives of Nanotechnology in Medical Applications**, Organized by Department of Microbiology under DBT Star College Scheme, Dr. N.G.P Arts and Science College, acted as an Organizing Committee Member, 27-Nov-2021.

#### Participation in Workshop

- **In –House Workshop on Nanophotometer**, Organized by Department of Biotechnology under DBT Star College Scheme, Dr .N.G.P Arts and Science College, 10-Jan-19.
- **Hands on Training in Stereo and Inverted Microscope**, Organized by Department of Microbiology under DBT Star College Scheme, Dr .N.G.P Arts and Science College, 12-Feb-19.
- **Phytochemical Analysis Workshop** , organized by Department of Biochemistry under DBT Star College scheme, Dr. N.G.P Arts and Science College, 19&20-Sep-18.
- **One Day Introductory Training Programme on Mushroom Cultivation**, Organized by Mushroom Research And Training Centre, Department of Pathology, Centre for Plant Protection Studies, Tamilnadu Agricultural University, 7-May-18.

#### Participation in Orientation Programme / Short Term Courses

- **CSIR- Summer Research Training Programme (CSIR-SRTP) -2020 Online**, Sponsored by CSIR, Coordinated by CSIR- NEIST Jorhat, June-August, 2020.

- **Swayam Online Course, Food Microbiology and Food Safety**, organized by CSIR, Sep- 2020.

#### **Awards / Honors**

<b>Awards / Honors</b>	<b>Agency / Institute</b>	<b>Year of Award</b>
Best Project	Dr. N.G.P. Arts and Science College	2019