

**SRI SANKARA ARTS & SCIENCE COLLEGE**

**ENATHUR, KANCHIPURAM**

**STAFF PROFILE**

**DEPARTMENT OF MICROBIOLOGY**



1.	<b>Name of the Staff</b>	<b>Dr. S. BHARATHI</b>
2.	<b>Designation</b>	<b>Assistant Professor</b>
3.	<b>Date of Joining</b>	<b>10.01.2011</b>
4.	<b>Mobile Number</b>	<b>9943484232</b>
5.	<b>E-Mail ID</b>	<a href="mailto:sbharathimicro@gmail.com"><u>sbharathimicro@gmail.com</u></a>
6.	<b>Nationality</b>	<b>Indian</b>
7.	<b>Academic Qualification</b>	<b>M.Sc., M.Phil., Ph.D. Qualified NET</b>
8.	<b>Field of Specialization</b>	<b>Microbial Nanotechnology</b>
9.	<b>Ph.D Thesis Title</b>	<b>Studies on bioactivities of nanosilver synthesised by <i>Saussurea lappa</i>: Application studies of its hydrogel in wound healing using Wistar albino rats.</b>
	<b>Awarding University, Year of Award</b>	<b>University of Madras, 2019</b>

**10. Work Experience (in chronological order):**

<b>S.No.</b>	<b>Name of the Institution</b>	<b>Designation</b>	<b>Period</b>
<b>1</b>	Sri Sankara Arts & Science College, Affiliated to University of Madras, Kanchipuram – 631 561	Assistant Professor, Department of Microbiology	10 <sup>th</sup> Jan 2011 – 31 <sup>st</sup> Oct 2014
<b>2</b>	Sri Sankara Arts & Science College, Affiliated to University of Madras, Kanchipuram– 631 561	Assistant Professor, Department of Microbiology	3 <sup>rd</sup> June 2019- till date

## 11. Other Academic and Administrative Responsibilities:

S.No.	Name of the Institution/Committee	Position	Period
1.	Sri Sankara Arts and Science College, Board of studies	Member	2019- till date
2.	Thiruvalluvar University	Question paper setter	2019-till date
3.	Selvamm Arts and Science College	Question paper setter	2018 - till date
4.	Sri Sankara Arts and Science College, NSS Programme Officer	Programme officer	2012-2014
5.	Sri Sankara Arts and Science College, Environmental committee	Member	2012-2013
6.	Sri Sankara Arts and Science College, Internal Examination committee	Member	2011-2012

## 12. Publications:

- 1 **Selvaraj Bharathi**, Balasubramanian Ramesh, Subramanian Kumaran, Manikkam Radhakrishnan, Durai Saravanan, M. S. Nalina Sundari. 2021. Development of nanobiomaterial for wound healing based on silver nanoparticles loaded on chitosan hydrogel. **3 Biotech**.11:490 (**I.F-2.406**).
- 2 Panneerselvam Saravanan, Subramanian Kumaran, **Selvaraj Bharathi**, Padmanaban Sivakumar, Padian Sivakumar, Sampath Renuka Pugazhvendan, Wilson Aruni, Sahadevan Renganathan. 2021. Bioremediation of Synthetic Textile Dyes Using Live Yeast *Pichia pastoris*. **Environmental Technology & Innovation**. 22: 101442 (**I.F – 3.356**).
- 3 S.Kumaran, A. M. P. Anahas, N. Prasannabalaji, M. Karthiga, **S. Bharathi**, T. Rajasekar, Jerrine Joseph, S. Guru Prasad, P. Sivakumar, S. R. Pugazhvendan, Wilson Aruni. 2021. Chitin derivatives of NAG and chitosan nanoparticles from marine disposal yards and their use for economically feasible fish feed development. *Chemosphere* 281: 130746 (**I.F – 7.086**).
- 4 **S. Bharathi\***, S. Kumaran, G. Suresh, M. Ramesh, V. Thangamani, S. R. Pugazhvendan, K. Sathiyamurthy. 2020. Extracellular synthesis of nanoselenium from fresh water bacteria *Bacillus sp.*, and its validation of antibacterial and cytotoxic potential. **Biocatalysis and Agricultural Biotechnology**. 27: 10165 (**Indexed in Web of science & Scopus**).

- 5 Tentu Nageswara Rao, A.P.B. Balaji, Mani Panagal, Botsa Parvatamma, **Bharathi Selvaraj**, Saravanan Panneerselvam, Wilson Aruni, S. Kumaran, S.R. Pugazhvendan, Sivakumar Pandian. 2020. Nanoremediation of dimethomorph in water samples using magnesium aluminate nanoparticles. **Environmental Technology & Innovation**. 20: 101176 (I.F – 3.356).
- 6 Sukanth kumar Enmozhi, Vijayalakshmi Ganesan, Manigundan Kaari, **Bharathi Selvaraj**, Gopikrishnan Venugopal, Jerrine Joseph, Radhakrishnan Manikkam. Anti-infective potential of marine actinobacteria against carbapenem resistant *Klebsiella pneumoniae* ATCC13882. **Research J. Pharm. and Tech**. 13(8): 3653-3660 (Indexed in Scopus).
- 7 Subramanian Kumaran+, **Selvaraj Bharathi**+, Vairagkar Utra, Rajasekar Thirunavukkarasu, Prasannabalaji Nainangu, Venugopal Gopi Krishnan, Pugazhvendan Sampath Renuga, Aruni Wilson, Deivasigamani Balaraman. 2020. Bioactive metabolites produced from *Streptomyces enissocaesilis* SSASC10 against fish pathogens. **Biocatalysis and Agricultural Biotechnology**. 29: 101802 (Indexed in Web of science & Scopus).
- 8 Kumaran Subramanian, Balamurugan Sadaiappan, Wilson Aruni, Alagappan Kumarappan, Rajasekar Thirunavukkarasu, Guru Prasad Srinivasan, **Selvaraj Bharathi**, Prasannabalaji Nainangu, Pugazhvendan Sampath Renuga, Anandajothi Elamaran, Deivasigamani Balaraman & Mahendran Subramanian. 2020. Bioconversion of chitin and concomitant production of chitinase and N-acetylglucosamine by novel *Achromobacter xylosoxidans* isolated from shrimp waste disposal area. **Scientific Reports**. 10: 11898 (I.F- 3.998).
- 9 Kumaran Subramanian, AnahasPerianaika Matharasi Antonyraj, Prasannabalaji Nainangu, Pugazhvendan Sampath Renuka, RajaSekar Thirunavukkarasu, Sadaiappan Balamurugan, **Bharathi Selvaraj**, Suresh Gopal, Guru Prasad Srinivasan, Praveen Kumar Elango, Balasubramanian Balakrishnan and Wilson Aruni. A.2020. Novel Coronavirus (Covid-19): A Review on Epidemiology, Pathophysiology, Molecular Mechanism, Therapeutic Evidence and Preventive Measures. **Oriental Journal of Chemistry**. 36(4): 621-631 (I.F- 0.68).
- 10 P. Devagi, T. Chitrikha, R.V. Sandhiya, M. Sairandhry, **S.Bharathi**, P.Velmurugan, M. Radhakrishnan, T. Sathiamoorthi and G. Suresh. 2020. Actinobacterial – mediated fabrication of silver nanoparticles and their broad spectrum antibacterial activity against clinical pathogens. **Journal of Nanoscience and Nanotechnology**. 20:2902-2910 (I.F - 1.354).
- 11 Santhiyaa RV, Wilson Aruni A, Suresh G, Prasanna Balaji N, **Bharathi S**, Pugazhvendan SR, Rajasekar T, Karthikeyan DR and Kumaran S. 2019. Applications of Feather Keratin Hydrolysate in Divergent Fields. **Bioscience Biotechnology Research Communications**. 2 (4), 00-00 2019 (Indexed in web of science).

- 12 Kumaran S, Wilson Aruni, Karthika M, Prasanna Balaji N, Pugazhvendan S.R, **Bharathi S**, Rajasekar T & Guru Prasad S. 2019. Trends in aquaculture feed development: from Chitosan Nano particle with N-Acetylcysteine (NAC) for disease control – A review. **Bioscience Biotechnology Research Communications**.13 (1) 00-00 2020 (**Indexed in web of science**).
- 13 **S.Bharathi**, S.Kumaran, G.Suresh, B.Ramesh, M.S.Nalina sundari. 2018. Phytosynthesis of silver nanoparticles using *Hygrophila auriculata* leaf extract and assessment of their antibacterial and antioxidant properties" **International Journal of Applied Pharmaceutics**. 10 (6): 119-125 (**Indexed in Scopus**).
- 14 S. Kumaran, R. V. Santhiyaa, U. Prakash, B. Sivasankari, D. Kokila, **S. Bharathi** and G. Suresh. 2018. Biosynthesis of silver nanoparticles using aqueous flower extracts of *Polianthes tuberosa* and their antibacterial and cytotoxicity activity. **International Journal of Research and Analytical Reviews**. 5(4):407-414 (**UGC CARE**).
- 15 **S. Bharathi**, D. Saravanan and M. S. Nalina Sundari. 2018. Green synthesis of nanosilver from *Azadirachta indica* leaves and its antibacterial activity. **International Journal of Current Microbiology and Applied Sciences**. 7(01): 3636-3642.
- 16 Dinesh .G, Suresh .G, **Bharathi .S**, Kotteswaran .S, Anantha Jothi .E, Pugazhvendan SR, Rajasekar. T, Kumaran .S. 2018. Isolation and characterization of feather degrading bacteria from poultry waste. **International Journal of Research and Analytical Reviews**. 5(4):334-340 (**UGC CARE**).
- 17 **S. Bharathi**, G. Suganya, N. Prasanna Balaji, S. Balamurugan, G. Suresh, M.S. Nalina sundarai and S. Kumaran. 2018. Encapsulation and *In vitro* drug release studies of Anti Tuberculosis drug using Chitosan nanoparticles. **International Journal of Microbiological Research** 9 (2): 54-58.
- 18 S. Sivaraman, S. Kumaran, **S. Bharathi** and G. Suresh. 2018. Microbial prevalence inside the shoes worn by school going children in Kanchipuram, Tamil Nadu. **World Journal of Medical Sciences**, 15 (2): 76-79.
- 19 G. Suresh, P. Raghu, U. Prakash, T. Chitrikha Suresh, S. Kumaran, **S. Bharathi**, K. Selvendiran and T. V. Poonguzhali. 2018. Screening of the Antibiotic Resistant Environmental Bacteria Isolated from Selected Niches in and Around Kanchipuram Town, India. **International Journal of Current Microbiology and Applied Sciences**, 7 (06):3665-3674.
- 20 M. Radhakrishnan, V. Anuradha Raman, **S. Bharathi**, R. Balagurunathan and Vanaja Kumar. 2014. Anti MRSA and antitubercular activity of phenoxazinone containing molecule from borra caves *Streptomyces sp.* BCA1. **International Journal of**

**Pharmaceutical Sciences and Research**, 5(12): 5342-5348 (**Indexed in Web of science and Scopus**).

- 21 **Bharathi. S.**, S. Kumaran, G. Suresh and S.R. Pugazhvendan. 2014. Nanotechnology as a novel tool for aquaculture industry: A review. **World J Pharm Sci.** 2(9): 1089-1096.
- 22 Saravanan. D., **S.Bharathi.**, M. Radhakrishnan and R. Balagurunathan. 2014. Production and optimization of L-Glutaminase from *Vibrio* sp. M9 isolated from Mahabalipuram marine sediments. **World Journal of Pharm Res.** 3(2); 2117-2126.
- 23 **S. Bharathi.**, Nithya.B., Saravanan.D., Radhakrishnan.M., Balagurunathan.R. 2013. Invitro antibacterial activity of coral reef associated bacteria and optimization of bioactive metabolite production. **Journal of Applied Pharmaceutical Science.** 03 (06); 164-167 (**Indexed in Scopus**).
- 24 Saravanan D, **S. Bharathi.**, M. Radhakrishnan and R. Balagurunathan. 2012. Exploitation of bacteria from forest ecosystem for antimicrobial compounds. **Journal of Applied Pharmaceutical Science.** 02 (03); 2012: 120-123 (**Indexed in Scopus**).
- 25 Hemachandran, K., **S. Bharathi.**, M. Radhakrishnan and R. Balagurunathan. 2011. Studies on extended beta lactamase producing, biofilm forming clinical bacterial pathogens and its *in vitro* inhibition by actinobacterial extracts. **Journal of Applied Pharmaceutical Science.** 1(8); 210-213 (**Indexed in Scopus**).
- 26 Radhika, S., **S. Bharathi.**, M. Radhakrishnan and R. Balagurunathan. 2011. Bioprospecting of fresh water actinobacteria: Isolation, characterization and antagonistic potential of selected actinobacteria. **Journal of Pharmacy Research.** 4(8); 2584-2586.
- 27 Malliga, N., **S. Bharathi.**, M. Radhakrishnan and R. Balagurunathan. 2011. Screening of earthworm cast actinobacteria for plant growth promoting activities and production of Indole Acetic Acid (IAA) from selected isolates. **Environmental Science: An Indian Journal.** 6(3) (**IF- 0.45**).
- 28 **Bharathi, S.**, D. Saravanan, M. Radhakrishnan and R. Balagurunathan. 2011. Bioprospecting of marine yeast with special reference to inulinase production. **International Journal of ChemTech Research.** 3(3); 1514-1519 (**Indexed in Scopus**).
- 29 Mohanraj, D., **S. Bharathi.**, M. Radhakrishnan and R. Balagurunathan. 2011. Bioprospecting of Actinobacteria from Yelagiri Hills with special reference to antibacterial activity. **Journal of Chemical and Pharmaceutical Research.** 3(3); 439-446 (**Indexed in Scopus**).
- 30 Kamatchi. S and **S. Bharathi.**, 2010. Single cell oil production from different agro industrial wastes by oleaginous bacteria. **Biotechnology-An Indian Journal**, 4(4); 193-196.
- 31 **Bharathi. S.**, Subhashini. M.S., Jeevanand. D. 2010. Antagonistic activity of marine bacteria against food borne and fish borne pathogens. **Journal of Advanced Biotechnology.** 10(4); 26-28.

32 Arunachalam. C and **S.Bharathi**. 2010. Bioprospecting of halophilic bacteria- An overview. **Journal of Advanced Biotechnology**, 9 (2): 22-27.

### **Book Chapters**

1. **S. Bharathi**\* and M. Radhakrishnan. 2020. Nanoparticles in Environmental Clean-up. Recent Progress in Microbiology and Biotechnology. Print ISBN: 978-93-89816-82-2, eBook ISBN: 978-93-89816-83-9 DOI: 10.9734/bpi/rpmb/v1

### **Magazine Articles & News Letter:**

1. **Bharathi, S.**, S. Kanimozhi. 2013. Isolation and screening of halophilic bacteria producing extracellular hydrolases from marine ecosystems, Tamil Nadu. *Bhamathi Microbiology News Letter*. 3(1): 21-24.
2. Radhakrishnan, M., **S. Bharathi**, R. Balagurunathan and Vanaja Kumar. 2011. Desert ecosystem: Potential source for novel actinomycetes and bioactive metabolites. *Bhamathi Microbiology News Letter*. 1(4): 2-5.
3. **Bharathi, S.**, T. Rajasekar and M. Radhakrishnan. 2011. Bioprospecting of marine yeast with special reference to protease activity. *Bhamathi Microbiology News Letter*, I(2); 25 – 28.

### **Data base sequence published:**

- **S. Bharathi**, M. Ponmozhi. 2022. *Bacillus aquimaris*, 16S ribosomal RNA gene, partial sequence. **GenBank Accession No: ON261397.**
- **S. Bharathi**, and P. Kaviyaran. 2022. *Streptomyces litmocidini*, 16S ribosomal RNA gene, partial sequence. **GenBank Accession No: ON261401.**
- **S. Bharathi**, and M. Malini. 2022. *Vibrio sp.* 16S ribosomal RNA gene, partial sequence. **GenBank Accession No: ON261517.**
- **S. Bharathi**, G. Srinivasan, A. Kishore Kumar. 2021. *Shewanella haliotis* 16S ribosomal RNA gene, partial sequence. **GenBank Accession No: MZ810552.**
- **S. Bharathi**, V. Thangamani, M. Ramesh, B. Ramesh. 2019. *Bacillus sp.* 16S ribosomal RNA gene, partial sequence. **GenBank Accession No: MN235848.**
- Y. Asha, **S. Bharathi**. 2018. *Aspergillus ochraceopetaliformis* strain MF4, Partial ITS. **GenBank Accession No: MH141440.**
- P. Saravanan, G. Jayasrilatha, S. Kumaran , **S. Bharathi** , M. Tamizhvanan, B. Ramesh, G. Suresh. 2014. *Bacillus flexus* strain FDB3, 16S ribosomal RNA gene, partial sequence. **GenBank Accession No: KM091675.**

### 13. Membership in Professional Bodies:

S.No.	Name of the Membership	Venue	Period
1	Vigyan Pradipa - Association of Microbiologists	Sri Sankara Arts and Science College	Life Member

### 14. Seminars Conferences organized /Participation:

1. **Invited speaker** on “Extremophilic Microorganisms Treasure of Novel Metabolites” during the two-days National Seminar on “Microbes–Elixir in Life” organized by the Centre for Laboratory Animal Technology and Research, Sathyabama Institute of Science and Technology, Chennai on 29<sup>th</sup> July, 2021.
2. Participated in the webinar series on “Biotechnological and Nanotechnological application for marine resources augmentation” organized by Centre for Ocean Research, Sathyabama Institute of Science and Technology, Chennai from 04-09<sup>th</sup> May 2020.
3. Participated in International Seminar on “Recent Advances in Bioremedial Technology organised by Department of Biotechnology, Thiruvalluvar University on 31<sup>st</sup> Jan 2020.
4. Participated and presented paper titled “Extracellular synthesis of selenium nanoparticles and validation for cytotoxic potential” in National Conference on “ Biochemical and Molecular basis of Cancer” conducted by Meenakshi Medical College Hospital and Research Institute, Kanchipuram on 19<sup>th</sup> October 2019.
5. Participated International Conference on “Contemporary praxis in Academics and Research: A multidisciplinary approach” conducted by Department of Microbiology, Asan memorial College of Arts and Science, Chennai on 12<sup>th</sup> October 2019.
6. Participated National Seminar on “Marine natural products as Pharmaceutical agents” conducted by Centre for Ocean Research, Sathyabama Institute of Science and Technology, Chennai on 17<sup>th</sup> and 18<sup>th</sup> September 2019.
7. Participated and **presented paper** on “Optimization of parameters for biosynthesis of silver nanoparticles using root extracts of *Saussurea lappa*” in National conference on “Bioactive marine natural products and their therapeutic applications” organized by Centre for Drug Discovery and Development, Sathyabama Institute of Science and Technology, Chennai held on 24-25<sup>th</sup>, January 2018.
8. Participated and **presented paper** on “Green synthesis and characterization of silver nanoparticles from *Saussurea lappa* root extract” in International conference on “Biotechnology and its application in Aquaculture and Fisheries” organized at Centre of Advanced Study in Marine Biology, Faculty of marine sciences, Annamalai University, held on 23-25<sup>th</sup> , August 2017.
9. Participated and **presented paper** on “Antibacterial and antioxidant activity of nanosilver synthesized from *Saussurea lappa* root extract” in seminar on “Bioentrepreneurship and

funding opportunities” organized by Department of Biotechnology, Sri Sankara Arts and Science College, on 8<sup>th</sup>, September 2017.

10. Participated in Regional conference on “Recent advances in Nanobiotechnology” organized by Department of Biotechnology, Stella Maris College, Chennai on January 2015.
11. Participated in National Seminar on “Immunomolecular Techniques and applications” sponsored by DBT, Delhi, organized by the centre of advanced study in Marine Biology, Faculty of Marine Sciences, Annamalai University, Parangipettai, Tamil Nadu during 12<sup>th</sup> and 13<sup>th</sup> September 2014.
12. Participated in International conference on “Recent trends in life science” organized by Department of Microbiology and Biochemistry, Auxilium college (Autonomous), Vellore on 12<sup>th</sup> and 13<sup>th</sup> December 2013.
13. Participated in International symposium on “Changing etiology of emerging infectious diseases” organized by Department of Microbiology, Dr. ALM PG IBMS, University of Madras, Taramani, Chennai on 6<sup>th</sup> February 2013.
14. Participated in National conference on “Recent scenario in emerging arboviral infections” organized by the Department of Microbiology, Prof. Dhanapalan college of arts and science, Chennai on 14<sup>th</sup> and 15<sup>th</sup> December, 2012.
15. Participated in National Seminar on “Frontiers in Life science” organized by Department of Microbiology, Department of Biochemistry and Department of Biotechnology, Sri Sankara Arts & Science College, on 11<sup>th</sup> January 2012 at Kanchipuram.
16. Participated and **presented** a paper entitled “Azo dye decolorisation by halophilic bacteria” in National conference on “Biodegradation and Bioremediation” organized by Department of Microbiology, Jaya college of Arts and Science College on March 09, 2011 and got 1<sup>st</sup> prize.
17. Participated in National Seminar on “Microbial Technology” organized by Department of Microbiology and Department of Biotechnology, Sri Sankara Arts & Science College, on 06<sup>th</sup> December 2011 at Kanchipuram.
18. Participated and **presented** a paper entitled “Optimization and partial purification of inulinase from marine yeast *Cryptococcus* sp.” in National seminar on ‘Environmental protection and sustainable development’ held at Kanchi Shri Krishna College of Arts and Science, on 18<sup>th</sup> February 2010.
19. Participated in Seminar on ‘Laboratory services’ in Sri Ramachandra University on 30<sup>th</sup> April 2010.
20. Participated in National symposium on ‘Antituberculosis drug discovery: current status and future prospects’ organized by Department of Bacteriology, Tuberculosis research centre on 30<sup>th</sup> October 2010.
21. Participated and **presented** a poster entitled ‘Exploitation of marine yeast for their bioproducts’ in Seventh National Conference of IAAM on ‘Microbiology and its impact on Environmental protection in relation to health and Geological sustainability’ held at SRM Arts and Science College, during 11-12 December 2009.
22. Participated and **presented** a paper entitled ‘Occurrence of Antibiotic resistance pathogens in pus sample’ in National Seminar on ‘Mycotic Diseases in the 21<sup>st</sup> Century’ organised



by Department of Microbiology, Sri Sankara Arts and Science College, on 28 February 2008.

23. Participated and **presented** a poster entitled ‘Microbial Bioleaching – A Gateway for GOLD Recovery’ in National Symposium on ‘Emerging Trends in Microbiology’ organized by Department of Microbiology, Valliammal College for Women, during 23-24 January 2008.
24. Participated and **presented** a poster entitled ‘Microbial Bioleaching – A Gateway for GOLD Recovery’ in National Seminar on ‘Microbial World’ held at Auxilium College, Vellore, on 11<sup>th</sup> October 2007.
25. Participated in Fifth National Conference of IAAM on ‘Emerging Trends and Evolving Technologies in Applied Microbiology with special reference to Microbial Nanotechnology’ organized by Department of Microbiology, Sri Sankara Arts and Science College, during 11-12 January 2007.
26. Participated and presented a poster entitled ‘Marine Microbes and Their Products’ in National Level Symposium on ‘Recent Trends in Microbial Biotechnology’ organized by Department of Microbiology, Sri Sankara Arts and Science College, during December 29-30, 2005.

#### 15. Workshop & Training Programmes:

S.No.	Programme	Venue	Period
1	Online Course on “Directions and Dimensions of Accreditation Criteria in the light of NEP for HEIs”	Organized by the Electronics and ICT Academy at PDPM IITDM Jabalpur in association with Sri Sankara Arts and Science College	3 <sup>rd</sup> to 12 <sup>th</sup> Feb, 2022
2	FDP on “ Biostatistics in life science research”	Organized by Department of Microbiology, Thassim Beevi Abdul Kader College for Women, Ramanathapuram	8 <sup>th</sup> and 9 <sup>th</sup> November 2021
3	FDP on “New avenues and challenges in actinobacterial research” from	Organized by Centre for Drug Discovery and Development, Sathyabama Institute of Science and Technology, Chennai	29 <sup>th</sup> September to 6 <sup>th</sup> October 2021
4	National workshop on “Metagenomics”	AMET (Deemed to be University), Chennai	14 <sup>th</sup> February 2020

5	Workshop on “The art of writing winnable projects”	Dept. of Biotechnology, Sri Sankara Arts and Science College, Kanchipuram	12th July 2019
6	Workshop on "Technical Writing and Publishing with Advanced Computer Tools: Hands-On Training"	IITDM, Kancheepuram (Institute of National Importance under MHRD, Govt. of India ), Chennai	8th – 9th September, 2018
7	National workshop on “Diagnostic Microbiology and Molecular biology”	Department of Microbiology, Sri Sankara Arts and Science College	25 <sup>th</sup> to 26 <sup>th</sup> September 2017
8	Workshop on “Microscopy and Microphotography”	Department of Microbiology, D.G. Vaishnava College	27 <sup>th</sup> October 2011
9	National Workshop on “Luciferase Reporter Phage Assay”	Department of bacteriology, National Institute for Research in Tuberculosis, Chennai	7.9.2011-9.9.2011

#### 16. Any other details

#### M. Sc PROJECTS GUIDED [*n*=10]:

Student Name	Project title	Year
A.Kishore Kumar	Synthesis of selenium nanoparticles from <i>Shewanella haliotis</i> and exploring its biopotential applications	2020-21
M. Ponmozhi	Plant growth promoting rhizobacteria isolated from halophytes: characterisation and exploration of phyto-beneficial traits	2020-21
M. Malini	Isolation of halophilic bacteria and screening for extracellular enzyme production	2020-21
S. Kaviyaran	Anti-infective potential of actinobacteria against human pathogens	2020-21
S. Srinivasan	Silver nanoparticles from marine bacteria <i>Shewanella haliotis</i> and their antimicrobial potentialities in the biocontrol of foodborne bacteria	2019-20
S. Gayathri	Antimicrobial activity of nanosilver synthesized from <i>Sinapsis alba</i> aqueous seed extract and demonstration of its <i>in vitro</i> antibiofilm activity	2019-20
V. Sandhiya	Screening and isolation of collagenase producing bacteria from slaughter house wastes	2019-20
S. Sumithra	Extracellular synthesis of selenium nanoparticles from <i>Streptomyces</i>	2019-20

	<i>sp</i> and evaluation of its biological potentials	
N.Nandhakumar	Studied on MDR, ESBL, biofilm producing bacteria from clinical samples	2012-13
B.Nithya	Exploitation of coral reef bacteria for antibacterial substance	2011-12

- Participated online course on “Infection Prevention and Control (IPC) for Novel Corona virus (COVID-19) organized by World health organization on April 10<sup>th</sup> 2020.
- Industrial visit to Pasteur Institute of India, Connor was organized to I M.Sc., Applied Microbiology students from 29.02.2020 to 02.03.2020.
- Industrial visit to ITC Food labs, Chennai was organized for Diploma in Food safety and Quality Management students on 25<sup>th</sup> January 2020.