

**Dr. H. SYED JAHANGIR, M.Sc., M.Phil., Ph.D.**  
**Associate Professor**  
**Department of Botany**  
**Jamal Mohamed College (Autonomous)**  
**Tiruchirappalli- 620 020**  
**Tamil Nadu, INDIA**  
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### Education

Degree	Subject	Research Supervisor/ Institution/ University	Month & Year of Passing
Ph.D.	Botany (Specialization- Microbiology)	<b>Dr. N. Thajuddin,</b> <b>Professor &amp; Head,</b> Department of Microbiology, Bharathidasan University, Tiruchirappalli-620 024. Thesis title: <b>Isolation, Characterization and Biotechnological potentials of Actinobacteria from Kolli hills, Tamil Nadu, India</b>	August, 2009
M.Phil.	Botany	<b>Dr. V. Narmatha Bai,</b> <b>Professor &amp; Head,</b> Department of Botany, Bharathiyar University, Coimbatore- 641 046. Project title: <i>In vitro</i> studies in <i>Acacia holosericea</i> <b>A. Cunn. Exq. Don</b>	March, 1992
M.Sc.	Botany	<b>Dr. A. Khaleel Ahamed,</b> <b>Associate Professor,</b> Department of Botany, Jamal Mohamed College, Tiruchirappalli- 620 020.	April, 1990
B.Sc.	Botany	<b>Dr. M. H. Muhammad Ilyas,</b> <b>Associate Professor,</b> Department of Botany, Jamal Mohamed College, Tiruchirappalli-620 020.	April, 1987

### Professional Experience

Institution	Designation	Period	
		From	To
Department of Botany, Jamal Mohamed College, Tiruchirappalli	Associate Professor	03.01.2013	Till date
Department of Botany, Jamal Mohamed College, Tiruchirappalli	Lecturer (SG)	03.01.2010	03.01.2013
Department of Botany, Jamal Mohamed College, Tiruchirappalli	Lecturer (SS)	03.01.2005	03.01.2010
Department of Botany, Jamal Mohamed College, Tiruchirappalli	Lecturer	03.01.2000	03.01.2005
Department of Botany & Microbiology, Jamal Mohamed College, Tiruchirappalli	Lecturer	11.09.1998	02.01.2000
Department of Microbiology, MIET Arts College, Tiruchirappalli	Lecturer & Head	05.01.1994	10.09.1998

**Orientation / Refresher Course attended**

1.	UGC sponsored orientation course (20.05.2000 to 16.06.2000).	UGC Academic Staff College, Bharathidasan University, Tiruchirappalli.
2.	UGC sponsored Refresher course in Microbiology (01.11.2004 to 21.11.2004)	UGC Academic Staff College, Bharathidasan University, Tiruchirappalli.
3.	UGC sponsored special summer school – 2008 in Biosciences (22.07.2008 to 11.08.2008)	UGC Academic Staff College, Bharathidasan University, Tiruchirappalli.
4.	UGC sponsored refresher course in Life Sciences (04.02.2010 to 24.02.2010)	UGC Academic Staff College, University of Madras, Chennai.

**Area(s) of specialization**

Soil Actinobacteria, Diversity, Molecular Taxonomy

**Subject(s) of Interest**

Microbiology & Biotechnology

**Research Guidance**

Degree	Degree Awarded	Guiding
M.Phil	21	
Ph.D.	2	2

**Publications**

1. Syed Jahangir, H., D. Fairoz Shirin Sulthana and N. Thajuddin (2006). Optimization of Chicken – Barbs degrading *Streptomyces* sp. In: *Proceedings of the National Symposium on Recent Trends in Microbial Biotechnology* (Eds.) R. Balagurunathan and M. Radhakrishnan, Sri Sankara Arts & Science College, Kanchipuram 71 – 79.
2. Nazeerullah R., Muftah Zarmouh, Syed Jahangir, H., Thajuddin, N., 2009. Bacteriological studies on pathogenic microorganisms of blood, sputum, wound and corneal samples from Indian patients. *JASMR*, 4(1), 33-40.
3. Syed Jahangir, H., Nazeerullah, R., 2011. Screening of Antimicrobial Activity of Selected Medicinal Plants *Cassia surattensis* Burm.f and *Rhinacanthus nasutus* (L.) Kure. *Indian J. Nat. Sci.* 11, 588-599.
4. Abirami, H., Muhammad Ilyas, M.H., Syed Jahangir, H., Prem Kumar, K., Nargis Begum, T., 2013. *Azima tetracantha*: a treasure to be hunted. *Internat. J. Rec. Sci. Res.* 4(5), 597–602.
5. Shilu Mathew, Ashraf Ali, Hany Abdel-Hafiz, Kaneez Fatima, Mohd Suhail, Govindaraju Archunan, Nargis Begum, Syed Jahangir, Muhammad Ilyas, Adeel G.A. Chaudhary, Mohammad Al Qahtani, Salem Mohamad Bazarah, Ishtiaq Qadri (2014) Biomarkers for virus-induced hepatocellular carcinoma (HCC). *Infection, Genetics and Evolution* 26:327–339.
6. Shilu Mathew, Muhammad Faheem, Govindaraju Archunan, Muhammad Ilyas, Nargis Begum, Syed Jahangir, Ishtiaq Qadri, Mohammad Al Qahtani and Shiny Mathew

7. (2014) *In Silico* Studies of Medicinal Compounds Against Hepatitis C Capsid Protein from North India. *Bioinform Biol Insights*. 8:159–168
  8. Abirami , Nargis Begum , Muhammad Ilyas M. , Syed Jahangir , Premkumar , Shilu Mathew , Archunan Govindaraju , and Ishtiaq Qadr . Synthesis of plant mediated gold nanoparticles using *Azima tetraantha* Lam. Leaves extract and evaluation of their antimicrobial activities.(2016). 8.4.1-6.
  9. Tamilarasan Tamil Kumar, Seeni Mohamed Salique, Mohamed Hussain Muhammad Ilyas, Nooruddin Thajuddin, Annamalai Panneerselvam, Mohamed Khan Syed Ali Padusha, Hussain Syed Jahangir.(2018). Phytochemical Screening and Antimicrobial Studies in Leaf Extracts of *Indigofera aspalathoides* (Vahl.). *Pharmacognosy Journal*,  
10. ,10,6,1208-1215.
  11. Tamil Kumar, T and H Syed Jahangir. (2018) Bio-degradation of lambda-cyhalothrin by *Rhodococcus erythropolis*. *ife Science Informatics*. 4.5.192.
  12. Tamil Kumar, T, H Syed Jahangir. (2018) Isolation and characterization of efficient *Lambdacyhalothrin* degrading actinobacteria from Paddy field soil. *Pharmaceutical, Biological and Chemical Sciences*. 6.3.199-2018,
  13. Helen Diana, I and SH Jahangir. Effect of secondary metabolites of actinobacteria strain on *Leucinodes orbonalis* (Guen.) (2019). *Res J Life Sci Bioinfor Pharmaceut Chem Sci*. 5.1.90-100.
  14. Syed Jahangir, H., T Tamil Kumar, M Mary Concelia, R Alamelu.(2020) Green synthesis, characterization and antibacterial studies of silver (Ag) and zinc oxide (Zno) nanoparticles.. *J Pure Appl Microbiol*. 14.3.1999-2008
  15. Syed Jahangir Hussain, Mohamed Murshid Nowshad, Nooruddin Thajuddin, Tamil Kumar Tamilarasan, Parveez Ahamed Abdul Azees.(2021). Biodegradation and Characterization of *Streptomyces* sp. (JMCA3) from Acid Corroded Iron Plate. *Current Microbiology* .78, pages1245–1255.
  16. Abdul Razak N and H. Syed Jagangir and V. Ambikapathy.(2023). Morphological Characteristics of *Metarhizium anisopliae* and its Bioactive Compounds. *Research Journal of Agricultural Sciences*. 14; 01; 024–027.
  17. Abdul Razak N. and H. Syed Jahangir.(2021). Mycodiversity of Coconut Field Soil and their Physicochemical Properties. *Bulletin of Environment, Pharmacology and Life Sciences*.10 :8: 132-137
- ❖ CDE-PG-NS Lesson Writers for Microbiology and Immunology, Center for Distance Education, Bharathidasan University, Tiruchirappalli 2015
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### Paper presented in Seminar / Conference

1. Second International Symposium on Translational Research on Natural Products & Cancer. Lonavala, Mumbai, India 9 – 12, December, 2007. Riyasdeen, A., V.S. Periyasamy, C. Preethy Paul, H.S. Jahangir, N. Thajuddin, S. Srinag, H. Krishnamurthy, and M.A. Akbarsha (2007) Noval *Streptomyces* extracts as apoptosis inducers in cancer cell lines.
2. National Symposium on Microalgal Biotechnology, Bharathidasan University, Tiruchirappalli, March, 11-13, 2004, Prabhu, S., Selvakumar, S., Nagasathya, A., Syed Jahangir, H. and Thajuddin, N. - Marine and Hypersaline diatoms from Palk Bay region, Tamil Nadu.
3. UGC Sponsored Regional Seminar on “Recent Trends in Biotechnology and its role in Utilization of Biodiversity”. Organized by PG & Research Department of Botany, Jamal Mohamed College, Tiruchirappalli- 620 020. March 5 - 6, 2007. Nazeerulla, R., Syed Jahangir, H. and N. Thajuddin - Biodegradation of brilliant green and textile dye effluent by bacterial consortia.
4. National conference on “Bioprospecting of Marine Resources with special reference to Marine Natural Products and Drug Discovery” organized by Oceanography and coastal area studies, Alagappa University, Karaikudi during April 26 – 28, 2007. Nazeerullah, R., G. Balakrishnan, H. Syed Jahangir and N. Thajuddin - Studies on Bacteriorhodopsin in UV - induced *Hallobacterium salinarium*
5. National Symposium on Microbial Biodiversity, Bioremediation and Biotechnology, jointly organized by the Department of Microbiology & Biotechnology, Bharathidasan University & the Department of Microbiology & Biotechnology, Cauvery College for Women, Tiruchirappalli during 28 & 29 August 2008. Nandhini Devi, S., Syed Jahangir H. and Thajuddin, N. Biodegradation of carbofuran (insecticide) by soil dwelling actinomycetes.
6. National Seminar on “Role of Microbes in Health, Agriculture and Industry” organized by the Department of Biotechnology, Alagappa University, Karaikudi – 630 003 on March 26 – 27, 2012. Syed Jahangir, H., Gheetha, T. and N. Thajuddin. Soil actinobacteria induced biotransformation of butachlor (Herbicide).
7. Tamilkumar, T., Syed Jahangir, H. Screening of phytochemical analysis and antimicrobial activity of *Indigofera aspalathoides* Vahl. State level seminar on “Emerging Advancements in Biosciences” organized by Department of Microbiology & Biotechnology, Jamal Mohamed College, Tiruchirappalli- 620 020 on March 17, 2012.
8. Syed Jahangir, H. *In vitro* culture response of *Acacia holoserena*. National seminar on Biodiversity: Strategies for Conservation and Future Challenges conducted by Department of Botany, Bharathiyar University, Tiruchirappalli-641 046 on 16 & 17 October 1993.

### Special Mention

Deposited two bacterial cultures namely *Legionella jamestowniensis* and *Stenotrophomonas maltophilia* in **Microbial Type Culture Collection, Chandigarh**, with the accession numbers of **MTCC 9474** and **MTCC 9701**.

## GenBank Submissions

S. No	Accession No	Culture Detail	Sequencing Detail	Reference
1	FJ939130.1	<i>Streptomyces sp.</i> JMCNT76	16S rRNA gene sequence	<a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a>
2	FJ939129.1	<i>Streptomyces sp.</i> JMCNT25	16S rRNA gene sequence	<a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a>
3	GU186911.1	<i>Frankia sp.</i> NTA03	16S rRNA gene sequence	<a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a>
4	GU186912.1	<i>Frankia sp.</i> NTA04	16S rRNA gene sequence	<a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a>
5	GU186908.1	<i>Frankia sp.</i> NTA05	16S rRNA gene sequence	<a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a>
6	EU583791.1	<i>Streptomyces sp.</i> JMCNT09	16S rRNA gene sequence	<a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a>
7	KF758462	<i>Bacillus subtilis</i> JMCA1	16S rRNA gene sequence	<a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a>
8	KF758463	<i>Paenibacillus sp</i> JMCA2	16S rRNA gene sequence	<a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a>
9	KF758464	<i>Bacillus sp</i> JMCA3	16S rRNA gene sequence	<a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a>
10	KF758465	<i>Brevibacillus sp</i> JMCA4	16S rRNA gene sequence	<a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a>
11	KF758466	<i>Bacillus niacini</i> JMCB1	16S rRNA gene sequence	<a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a>
12	KF758467	<i>Brevibacillus sp</i> JMCB2	16S rRNA gene sequence	<a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a>
13	KM019199	<i>Sphingobacterium thalpophilum</i> AS34	16S rRNA gene sequence	<a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a>
14	KM019198	<i>Enterobacter aerogenes</i> AS75	16S rRNA gene sequence	<a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a>
15	KM019197	<i>Pseudomonas aeruginosa</i> AS31	16S rRNA gene sequence	<a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a>
16	KM019196	<i>Bacillus pumilus</i> AS02	16S rRNA gene sequence	<a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a>
17	KJ818244.1	<i>Streptomyces sp.</i> JMCACA1	16S rRNA gene sequence	<a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a>
18	KJ818246.1	<i>Streptomyces sp.</i> JMCACA2	16S rRNA gene sequence	<a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a>
19	KJ818245.1	<i>Streptomyces sp.</i> JMCACA3	16S rRNA gene sequence	<a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a>
20	KJ818247.1	<i>Bacillus subtilis</i> JMCACB1	16S rRNA gene sequence	<a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a>
21	KJ818248.1	<i>Brevibacillus sp.</i> JMCACB2	16S rRNA gene sequence	<a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a>
22	KT232079.1	<i>Pseudomonas aeruginosa</i> AS36	16S rRNA gene sequence	<a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a>
23	KT232080.1	<i>Agrobacterium tumefaciens</i> AS38	16S rRNA gene sequence	<a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a>
24	KT232081.1	<i>Aspergillus amstelodami</i> CSR01	16S rRNA gene sequence	<a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a>
25	MG208087	<i>Rhodococcus sp.</i> A1	16S rRNA gene sequence	<a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a>
26	MG208088	<i>Rhodococcus sp.</i> A2	16S rRNA gene sequence	<a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a>
27	MG208089	<i>Rhodococcus sp.</i> A8	16S rRNA gene sequence	<a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a>
28	MG208090	<i>Rhodococcus erythropolis</i> A11	16S rRNA gene sequence	<a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a>
29	MG208091	<i>Cellulosimicrobium cellulans</i> A15	16S rRNA gene sequence	<a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a>
30	MG208092	<i>Streptomyces sp.</i> A13	16S rRNA gene sequence	<a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a>
31	MG208093	<i>Pseudomonas stutzeri</i> B1	16S rRNA gene sequence	<a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a>
32	MG208094	<i>Bacillus sp.</i> B10	16S rRNA gene sequence	<a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a>
33	MK600520	<i>Cellulomonas massiliensis</i> - JMCHA1	16S rRNA gene sequence	<a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a>
34	MK652881	<i>Micromonospora sediminis</i> - JMCHA8	16S rRNA gene sequence	<a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a>
35	MK640644	<i>Cellulosimicrobium cellulans</i> - JMCHA12	16S rRNA gene sequence	<a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a>

### **Seminar / Conference / Symposia / Workshop Participated**

- Recent trends in Molecular Genetics, Sponsored by UGC Sponsored state level seminar.held at JamalMohamedCollege.Tiruchirappalli held on . 29.03.2000 to 31.03.2000
- Workshop on ModernTechniques, AVVM Sri Pushpam College, Poondi Sponsored by Bangalore Genei Pvt. Ltd., Bangalore held on 29.09.2000 to 30.09.2000
- National Seminar on Atomic Energy, Ecology and Environment, Sponsored by BRNS/ Dept. of Atomic Energy and Atomic Energy Regulatory Board, Govt. of India. Jamal Mohamed College, Tiruchirappalli. held on 08.02.2001 to 09.02.2001
- National Symposium on Microalgal Biotechnology. Sponsored by DBT, Govt. of India.NFMC. organized by BharathidasanUniversity, Tiruchirappalli. held on 11.03.2004 to 13.03.2004.
- Current concepts in Biological Research , organized by BharathidasanUniversity, Tiruchirappalli. held on 27.02.2004 to 28.02.2004.
- Recent Trends in Microbial Biotechnology. Sponsored by DST, New Delhi Dept. of Microbiology, organized by Sri Sankara Arts and Science, Kanchipuram. held on 29.12.2005to 30.12.2005
- Curriculum Development and Evaluation Sponsored by TANSCHÉ and UGC, organized by Jamal mohamed College Tiruchirappalli. held on 02.03.2006 to 04.03.2006
- Advanced Techniques in Biotechnology organized by Department of Biotechnology, Bannari Amman Institute of Technology, Sathyamangalam and DRDO, New Delhi. held on 27.07.2006 to 30.07.2006
- Recent Trends in Biotechnology and its role in Utilization of Biodiversity. Sponsored byUGC, New Delhi. organized by Jamal Mohamed College, Tiruchirappalli. held on 05.03.2007 to 06.03.2007
- Recent Trends in HPLC Techniques, organized by Department of Pharmaceutical Engg. andTech., Anna University, Tiruchirappalli held on 29.03.2007 to 30.03.2007
- Training workshop on Isolation and Identification of Marine Actinobacteria. Sponsored by UGC-SAP, New Delhi organized by Centre of Advanced Study in Marine Biology, Parangipettai, Annamalai University. held on 04.03.2008 to 06.03.2008.
- One Day Seminar on “Radiation and Human Welfare” organized by Department of Zoology, Jamal Mohamed College, Tiruchirappalli. held on 26.03.2010.

- NAAC sponsored National Level Seminar on “Quality Enhancement in Teaching Research and Extension in Higher Education Institutions-Prospects and Problems, Sponsored by NAAC, UGC, New Delhi Internal Quality Assurance Cell, organized by Jamal Mohamed College, Tiruchirappalli- held on 15.04.2010 to 16.04.2010
- National Level Forum on “Emerging Debates on Communicable Disease” (EDCD), organized by Department of Microbiology, Jamal Mohamed College, Tiruchirappalli, held on 28.02.2011. UGC and DST sponsored National seminar on the role of microbes in health, agriculture and industry. UGC and DST, New Delhi, organized by Department of Biotechnology, Alagappa University, Karaikudi. held on 26.03.2012 to 27.03.2012
- Science Academies Lecture workshop on “Thrust Areas in Life Sciences” Sponsored by Indian Academy of Science, Bangalore; Indian National Science Academy, New Delhi; The National Academy of Sciences India, Allahabad, India, organized by Department of Biotechnology, Cauvery College for Women, Tiruchirappalli. on 31.01.2013 to 02.02.2013
- National Conference on “Current Challenges in Environment” Sponsored by AEACI, Mumbai. organized by P.G. & Research Department of Zoology, Jamal Mohamed College, Tiruchirappalli. held on 07.03.2013 to 08.03.2013
- National seminar on Microbes and Human Welfare Sponsored by National Academy of Biological Sciences, Allahabad, India organized by Department of Microbiology, Bharathidasan University, Tiruchirappalli. held from 20.07.2013 to 21.07.2013
- Science Academies Lecture workshop on “Recent Trends in Biology and Biotechnology. Sponsored by Indian Academy of Science, Bangalore organized by P.G & Research Department of Biotechnology, Jamal Mohamed College, Tiruchirappalli. held from 29.01.2014 to 31.01.2014
- National Conference on “Progress in the Indian Context, Sponsored by Krishnamurthy Institute of Algology, Chennai organized by Department of Microbiology, Bharathidasan University, Tiruchirappalli from 19.09.2014 to 21.09.2014.
- Participated in international symposium on Applications and Developments in Applied Sciences Research conducted P.G and Research Department of Biotechnology and bioinformatics Holycross college Tiruchirappalli. During January 7<sup>th</sup> and 8<sup>th</sup>, 2019
- Participated in international conference on Emerging trends in Bio Sciences (ICTEB-2019) Held at Thanthai Hans rover college (Autonomous) Perambalur-621220. On 19<sup>th</sup> February 2019.
- Participated in One day state level seminar on Perspectives in plant systematics and

conservation biology. Organized by P.G and Research Department of botany Jamal Mohamed college, Tiruchirappalli. On 22nd February 2019.

- Workshop on “Online Course Design, Development and Delivery” organized by Human Resource Development Centre, University of Hyderabad from 11.05.2020 -to 13.05.2020.
- Online session conducted by Institutions Innovation Council (IIC) of MHRD’s Innovation cell, New Delhi to promote “Innovation, IPR, Entrepreneurship And Starts Ups Among HEI’s during 28.04.2020 to 22.05.2020.
- Webinar on” How To Publish High Impact Research Articles” in B S Abdur Rahman Crescent Institute Of Science &Technology, Chennai on 09.08.2020.
- Webinar on” Future Perspectives In Biotechnology” organized by B S Abdur Rahman Crescent Institute Of Science & Technology, Vandalur, Chennai associated with Unnat Bharat Abhiyan during 11.06.2020 to 12.06.2020.
- Webinar on” National Education Policy 2020” Organized by Internal Quality Assurance Cell Of Jamal Mohamed College, Tiruchirappalli on 08.08.2020
- Webinar on "Biological Innovations For Resource Management And Sustainable Development" organized by PG and Research Department of Botany, Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamilnadu, India during 24.08.2021 to 26.08.2021.
- Faculty Enrichment programme on “Art of Writing In Indexed Journal Publications” organized by the Department of Library in association with Internal Quality Assurance Cell, Jamal Mohamed College (Autonomous), Tiruchirappalli on 28.07.2021
- Participated in future challenges of microbes in environment the International Conference on future challenges of microbes in environment ICFCME-2023 PG and Research Department of Microbiology, Jamal Mohamed College (Autonomous), Tiruchirappalli on 23rd February 2023
- Participated in 3rd international conference on Environment and Health (ICEH-2023) organized by the P.G and Research Department of Zoology Jamal Mohamed college (Autonomous). Tiruchirappalli during 01.03.2023 to 02.03.2023

#### **Resource Person/Chair in Conferences/ Seminars/Symposia**

- Acted as Chairperson National Conference on “New Opportunities and Challenges in Microbial Research” during 5<sup>th</sup> and 6<sup>th</sup> September, 2013. Department of Microbiology, Bharathidasan University, Tiruchirappalli-620 020.
- Acted as Convener for the Technical Session- 'Microbes in Agriculture and Forestry' of the National Seminar on 'Microbes and Human Welfare' organized in collaboration with



Department of Microbiology, Bharathidasan University, Tiruchirappalli-620 020.

- Acted as Reporter in DBT (Govt. of India) sponsored Short Term Hands-on Training Course on “Basic Techniques in Plant Molecular Biology (for College Teachers)” during 18<sup>th</sup> April to 3<sup>rd</sup> May 2011 organized by Plant Molecular Biology Laboratory, Department of Botany, Jamal Mohamed College, Tiruchirappalli-620 020.
- Acted as Chairperson international Conference on micro-biome and synthetic biology ICMB(2022) during 5<sup>th</sup> and 6<sup>th</sup> September, 2022 Department of Microbiology, Bharathidasan University, Tiruchirappalli-620 020.
- Served as judge for the poster presentation in international conference on scientific and technological advancements for reliable and sustainable –future (STARS-2022) conducted by all science departments of Bishop Heber college, Tiruchirappalli during 16<sup>th</sup> to 18<sup>th</sup> November 2022.

#### **Symposia / Refresher Course/ Summer School/ Workshops Organized**

- State level seminar on “Emerging Advancements in Biosciences Organized by P.G. Department of Microbiology, Jamal Mohamed College, Tiruchirappalli. 20.03.2012
- Convener, National seminar on “Recent Trends in Life Sciences” Organized by P.G. & Research Department of Biotechnology, Jamal Mohamed College, Tiruchirappalli, 25.02. 2015
- Organizing secretary Frontiers in Biological Innovations for Resource Management, Patents and Entrepreneur Development National Level 10.03.2020 to 11.03.2020
  - Organizing committee member in National seminar on innovative Research approaches in Biological Sciences during 25<sup>th</sup> and 26<sup>th</sup> may 2022 at P.G and Resesarch Department of Botany, Jamal Mohamed College (Autonomous) Tiruchirappalli.

#### **Acted as Reviewer in international Journals**

- Indian Journal of Natural Sciences

#### **Membership in Professional Societies**

- Indian Journal of Natural Sciences (International bimonthly–ISSN: 0976-0997)

#### **Prizes, Medals and Other Honors received**

- Best Paper Award for Optimization of Chicken feather -barbs Degrading *Streptomyces* sp. proceedings of the National symposium on Recent trends in Microbial biotechnology” organized by Dept. of Microbiology, Sri Sankara Arts and Science, Kanchipuram.
- Nazeerullah, R., Syed Jahangir, H. and N. Thajuddin, N. Biodegradation of malachite green by indigenous soil bacteria and comparative studies with *Pseudomonas aeruginosa*. 5th National Conference of Indian Association of

Applied Microbiologists (IAAM) on *Emerging Trends and evolving Technologies in Applied Microbiology with Special Reference to Microbial Nanotechnology*. Sri Sankara Arts & Science College, Kanchipuram – 631 561 during January 11 – 12, 2007

- Nandhini Devi, S., Syed Jahangir, H. and Thajuddin, N. Biodegradation of carbofuran (insecticide) by soil dwelling actinomycetes. National Symposium on Microbial Biodiversity, Bioremediation and Biotechnology, jointly organized by the Department of Microbiology & Biotechnology, Bharathidasan University & the Department of Microbiology & Biotechnology, Cauvery College for Women, Tiruchirappalli during 28 & 29 August 2008.

#### Academic Activities

##### Page 8

- Department Coordinator, DBT star college scheme from 2019- till date
- Purchase Coordinator from 2009 to 2022
- Biotechnology and Microbiology Coordinator from 2009-2017
- Member Board of Studies from 2016 - till date
- Fashion technology Coordinator from 2018 to 2019
- Staff Association Coordinator from 2018 to 2020
- Vice president Botany Association from 2018 to 2019
- MPhil Tutor from 2019 – to 2023

#### Other Academic Activities

- Member, Board of Studies Microbiology, (UG & PG) (1996-1998) Bharathidasan University, Tiruchirappalli – 24.
- Member, Board & Studies in Microbiology, (1998) AVC College, Mannampandal, Mayiladudurai.
- Board of studies member for B.Sc., M.Sc. and M.Phil (Botany) courses in Jamal Mohamed College, Trichy.
- Member, Board of Studies Microbiology, (M.Sc and M.Phil) (2015) Bharathidasan University, Tiruchirappalli – 24.
- Member, World class curriculum for (UG & PG) Microbiology (2016) Bharathidasan University, Tiruchirappalli – 24.
- Member, Board of Studies Microbiology, (UG & PG) (2016 - 2018) A.V.V.M SRI Pushpam college, Poondi, Thanjavur.
- Member, Board of Studies in Botany (2017) Govt. Arts college for Women (Autonomous), Pudukkottai.
- Member, Board of Studies in Botany (Allied Botany 2022- 2023) ADM College for Women, Nagapattinam

#### Other responsibilities

- Student Grievances Cell member
- Student Welfare Committee member