

**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**  
**Phone: +91 94438 17623 (Mob.)**  
**Email: [syedsanu@yahoo.co.in](mailto:syedsanu@yahoo.co.in)**



### 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**

Environmental Microbiology

**Subject(s) of Interest**

Microbiology & Biotechnology

**Research Guidance**

Degree	Degree Awarded	Guiding
M.Phil	38	2
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 tetraantha*: a treasure to be hunted. *Internat. J. Rec. Sci. Res.* 4(5), 597–602.
5. Shilu Mathew, Muhammad Faheem, Govindaraju Archunan, Muhammad Ilyas, Nargis Begum, Syed Jahangir, Ishtiaq Qadri, Mohammad Al Qahtani and Shiny Mathew (2014) *In Silico* Studies of Medicinal Compounds Against Hepatitis C Capsid Protein from North India. *Bioinform Biol Insights.* 8:159–168

6. 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.
7. Abirami Hariharan, Tajuddin Nargis Begum, Mohamed Hussain Muhammad Ilyas, Hussain Syed Jahangir, Premkumar Kumpati, Shilu Mathew, Archunan Govindaraju and Ishtiaq Qadri (2016). Synthesis of Plant Mediated gold Nanoparticles using *Azima Tetracantha* Lam. Leaves extract and Evaluation of their Antimicrobial Activities. *Pharmacogn. J.* 8(5):507-512
8. T. Tamil Kumar and H. Syed Jahangir (2018). Isolation and Characterization of Cyanobacteria from Paddy Field Soil. *Haya: The Saudi Journal of Life Sciences (SJLS)*. DOI:10.21276/haya.2018.3.1.3.
9. T. Tamil Kumar, Salique S.M, Ilyas M.H.M, Thajuddin N, Panneerselvam A, Padusha M.S.A, Jahangir H.S. Phytochemical screening and antimicrobial studies in leaf extracts of *Indigofera aspalathoides* (Vahl.). *Pharmacog J.* 2018;10(6):1208-15.
10. T. Tamil Kumar and H. Syed Jahangir (2018). Biodegradation of Lambdacyhalothrin by *Rhodococcus erythropolis*. *Research Journal of Life Sciences, Bioinformatics, Pharmaceutical and Chemical Sciences.* 4(5) Page No.192.
11. T. Tamil Kumar and H. Syed Jahangir (2018). Isolation and characterization of efficient Lambdacyhalothrin degrading actinobacteria from paddy field soil. *Journal of Pharmaceutical, Chemical and Biological Sciences,* 6(3).
12. I. Helen Diana and H. Syed Jahangir (2019). Effect of Secondary Metabolites of Actinobacteria Strain on *Leucinodes orbonalis* (Guen.). *Research Journal of Life Sciences, Bioinformatics, Pharmaceutical and Chemical Sciences.* 5(1) Page No.90.
13. I. Helen Diana and H. Syed Jahangir (2019). Histological Changes of *Leucinodes orbonalis* treated with Actinobacterial Secondary Metabolites. *Research Journal of Life Sciences, Bioinformatics, Pharmaceutical and Chemical Sciences.* 5(1) Page No.756.
14. H. Syed Jahangir, T. Tamil Kumar, M. Mary Concelia and R. Alamelu (2020). Green Synthesis, Characterization & Antibacterial Studies of Silver (Ag) and Zinc Oxide (Zno) Nanoparticles. *Journal of Pure and Applied Microbiology.* 14(3): | September 2020.
15. Syed Jahangir Hussain, Mohamed Murshid Nowshad, Nooruddin Thajuddin, Tamil Kumar Tamilarasan, Parveez Ahamed Abdul Azees (2021). Biodegradation and Characterization of Actinobacteria from Acid Corroded Iron Plate. *Current Microbiology.* 78:1245–1255. <https://doi.org/10.1007/s00284-021-02374-3> (Springer) Impact factor-1.7.

1. Presented in the International conference on Innovative and Emerging Trends in Botany ICIETB-2019 organized by the Department of Botany, Alagappa University, Karaikudi on 6<sup>th</sup> -7<sup>th</sup> November, 2019.
2. 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.
3. 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.
4. 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.
5. 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*
6. 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.
7. 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).
8. 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.
9. Syed Jahangir, H. *In vitro* culture response of *Acacia holosenea*. National seminar on Biodiversity: Strategies for Conservation and Future Challenges conducted by

### Special Mention

Deposited two bacterial cultures namely *Legionella jamestowniensis* and *Stenotrophomonas maltophila* in Microbial Type Culture Collection, Chandigar, 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</i> sp. 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</i> sp. 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</i> sp. 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</i> sp. 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</i> sp. 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</i> sp. 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</i> sp JMCA2	16S rRNA gene sequence	<a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a>
9	KF758464	<i>Bacillus</i> sp JMCA3	16S rRNA gene sequence	<a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a>
10	KF758465	<i>Brevibacillus</i> sp 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> JMCA1	16S rRNA gene sequence	<a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a>
12	KF758467	<i>Brevibacillus</i> sp JMCA2	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</i> sp. 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</i> <i>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</i> <i>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</i> <i>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</i> <i>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</i> <i>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</i> <i>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</i> <i>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</i> <i>cellulans</i> - JMCHA12	16S rRNA gene sequence	<a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a>

<b>Seminar / Conference / Symposia / Workshop attended</b>			
<b>Name of the Seminar/ Conference/ Workshop, etc.</b>	<b>Name of the sponsoring agency</b>	<b>Place and Date</b>	
Recent trends in Molecular Genetics	UGC Sponsored state level seminar	Jamal Mohamed College, Tiruchirappalli. 29.03.2000 to 31.03.2000	
Workshop on Modern Techniques in Microbiology	AVVM Sri Pushpam College, Poondi and Bangalore Genei Pvt. Ltd., Bangalore.	AVVM Sri Pushpam College, Poondi. 29.09.2000 to 30.09.2000	
National Seminar on Atomic Energy, Ecology and Environment	BRNS/ Dept. of Atomic Energy and Atomic Energy Regulatory Board, Govt. of India.	Jamal Mohamed College, Tiruchirappalli. 08.02.2001 to 09.02.2001	
National Symposium on Microalgal Biotechnology	DBT, Govt. of India.	NFMC, Bharathidasan University, Tiruchirappalli. 11.03.2004 to 13.03.2004.	
Current concepts in Biological Research	Bharathidasan University, Tiruchirappalli	Bharathidasan University, Tiruchirappalli. 27.02.2004 to 28.02.2004	
Recent Trends in Microbial Biotechnology	DST, New Delhi	Dept. of Microbiology, Sri Sankara Arts and Science, Kanchipuram. 29.12.2005 to 30.12.2005.	
Curriculum Development and Evaluation	TANSCHE and UGC	Jamal Mohamed College, Tiruchirappalli. 02.03.2006 to 04.03.2006.	
Advanced Techniques in Biotechnology	Department of Biotechnology, Bannari Amman Institute of Technology, Sathyamangalam and DRDO, New Delhi.	Bannari Amman Institute of Technology, Sathyamangalam. 27.07.2006 to 30.07.2006	
Recent Trends in Biotechnology and its role in Utilization of Biodiversity	UGC, New Delhi	Jamal Mohamed College, Tiruchirappalli. 05.03.2007 to 06.03.2007	
Recent Trends in HPLC Techniques	Department of Pharmaceutical Engg. and Tech., Anna University, Tiruchirappalli.	Anna University, Tiruchirappalli. 29.03.2007 to 30.03.2007	
Training workshop on Isolation and Identification of Marine Actinobacteria	UGC-SAP, New Delhi	Centre of Advanced Study in Marine Biology, Parangipettai, Annamalai University. 04.03.2008 to 06.03.2008.	
One Day Seminar on "Radiation and Human Welfare"	Department of Zoology, Jamal Mohamed College, Tiruchirappalli	Department of Zoology, Jamal Mohamed College, Tiruchirappalli-620 020 26.03.2010	
NAAC sponsored National Level Seminar on "Quality	NAAC, UGC, New Delhi	Internal Quality Assurance Cell,	

Enhancement in Teaching Research and Extension in Higher Education Institutions-Prospects and Problems”		Jamal Mohamed College, Tiruchirappalli-620 020 15.04.2010 to 16.04.2010
National Level Forum on “Emerging Debates on Communicable Disease” (EDCD)	Department of Microbiology, Jamal Mohamed College, Tiruchirappalli	Department of Microbiology, Jamal Mohamed College, Tiruchirappalli-620 020. 28.02.2011.
UGC and DST sponsored National seminar on the role of microbes in health, agriculture and industry	UGC and DST, New Delhi	Department of Biotechnology, Alagappa University, Karaikudi 26.03.2012 to 27.03.2012
Science Academies Lecture workshop on “Thrust Areas in Life Sciences”	Indian Academy of Science, Bangalore; Indian National Science Academy, New Delhi; The National Academy of Sciences India, Allahabad, India	Department of Biotechnology, Cauvery College for Women, Tiruchirappalli. 31.01.2013 to 02.02.2013
National Conference on “Current Challenges in Environment”	AEACI, Mumbai.	P.G. & Research Department of Zoology, Jamal Mohamed College, Tiruchirappalli. 07.03.2013 to 08.03.2013
National seminar on Microbes and Human Welfare	National Academy of Biological Sciences, Allahabad, India	Department of Microbiology, Bharathidasan University, Tiruchirappalli. 20.07.2013 to 21.07.2013
Science Academies Lecture workshop on “Recent Trends in Biology and Biotechnology	Indian Academy of Science, Bangalore; Indian National Science Academy, New Delhi; The National Academy of Sciences India, Allahabad, India	P.G & Research Department of Biotechnology, Jamal Mohamed College, Tiruchirappalli. 29.01.2014 to 31.01.2014
National Conference on “Progress in the Indian Context”	Department of Microbiology, Bharathidasan University, Tiruchirappalli; Krishnamurthy Institute of Algology, Chennai.	Department of Microbiology, Bharathidasan University, Tiruchirappalli. 19.09.2014 to 21.09.2014
Advances in Animal science for Sustainable Development (AASSD 2018)	UGC, New Delhi	P.G & Research Department of Zoology, Jamal Mohamed College, Tiruchirappalli. 15 <sup>th</sup> February 2018.
International Conference on challengesto Environmental Health ICCEAH-2020	Department of zoology, Jamal Mohamed College, Trichy	Department of zoology, Jamal Mohamed College, Trichy. 30th January 2020.



---

International conference on Department of chemistry, Jamal Mohamed College,  
chemical Environmental Trichy. 8th January 2020.  
Research ICCER-2020

---

National Seminar On Frontiers P.G and Research Dept of Jamal Mohamed College,  
In Biological Innovations For Botany Trichy. 10th -11th March  
Resource Management, 2020.  
Patents And Entrepreneur  
Development (Under UGC  
Autonomous Grant).

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

- Acted as Chair person 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.

#### **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

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

- Indian Journal of Natural Sciences
- African Journal of Pharmacy and Pharmacology

#### **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.

### 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) (18.11.2015) Bharathidasan University, Tiruchirappalli – 24.
- Member, World class curriculum for (UG & PG) Microbiology (6<sup>th</sup> July 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, (12.08.2017) Govt Arts college for Women (Autonomous), Pudukkottai.

### Other responsibilities

- Student Grievances Cell member
- Student Welfare Committee member