
CURRICULUM VITAE

General - Education - Teaching - Research - Extension - Administration

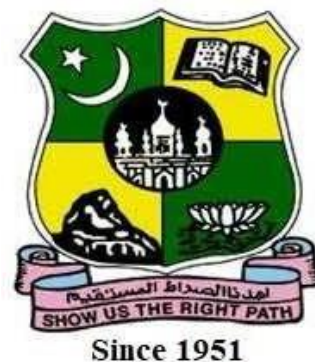


Dr. R. SYED MOIDEEN

M.Sc., M.Phil., Ph.D.

Assistant Professor

PG & Research Department of Botany



**Jamal Mohamed College (Autonomous)
Tiruchirappalli, Tamil Nadu,
India.**

CURRICULUM VITAE

- 1. Name** : Dr. R. SYED MOIDEEN M.Sc., M.Phil., Ph.D.
- 2. Designation** : Assistant Professor of Botany (Management Staff)
- 3. Department** : PG & Research Department of Botany
Jamal Mohamed College (Autonomous)
DBT – STAR College Scheme and DST – FIST funded
Tiruchirappalli – 620 020.
Tamil Nadu, India.

College Tel. & Ext. No: (Office): 0431-2331135/2331235, **Ext. #:** 304/305

College Fax # : 0431-2331035

- 4. Google scholar site** : Citations – **15**, H-index – **01**, i10-index – **01**.

Mobile : 0091- 8778830110 / 6374543927.

WhatsApp : 8122685684 / 8778830110.

e-mail : rsm@jmc.edu / r.syedmoideen85@gmail.com

Google scholar Id : <https://scholar.google.com/citations?user=yc3jJIAAAAAJ&hl=en>

Linked In Id : [r.syedmoideen85@gmail.com](https://www.linkedin.com/in/r.syedmoideen85@gmail.com)

Research Gate Id : <https://www.researchgate.net/profile/Syed-Moideen>

Orchid Id : <https://orchid.org/0000-0003-3909-5265>

- 5. Date of Birth and Age:** 28-10-1985 / 37.

- 6. Nationality** : Indian

- 7. Research & Teaching Experience** : 13+ Years

i) Teaching Experience after Ph.D. : **05 Years & 07 Months** (till date)

ii) Research Experience from Ph.D. : **13 Years & 03 Months**

- **Assistant Professor in Botany**, Post Graduate & Research Department of Botany, Jamal Mohamed College, Tiruchirappalli, Tamil Nadu state, India. **01.07.2017** to till date (**05+** years).
- **Guest Lecture** in M.Sc., Life Sciences (Five Year Integrated Courses) Wood Science & Technology (Theory & Practical) during July 2014 to Nov 2014 and July 2015 to Nov 2015 on honorary basis.

8. **Academic Credentials:**

- **Ph.D. in Botany (June – 2018) (Specialization in Plant Biotechnology)**, awarded the Degree from **Bharathidasan University**, Tiruchirappalli, Tamil Nadu, India.
- **M.Phil. in Botany (Sep. 2009) (Specialization in Plant Molecular Biology) (1st Class – 81.16 % (D+))**, awarded the Degree from **Bharathidasan University**, Tiruchirappalli, Tamil Nadu, India.
- **M.Sc., in Botany (Apr. 2008) (1st Class – 72% (A++))**, awarded Degree from **Bharathidasan University**, Tiruchirappalli, Tamil Nadu, India.
- **B.Sc., in Botany (Apr. 2006) (1st Class – 60%)**, awarded Degree from **Bharathidasan University**, Tiruchirappalli, Tamil Nadu, India.
- **Ph.D.:** “**Phytochemical, *In vitro* Studies and Pharmacological Efficacy of *Luffa acutangula* Linn. Var. *amara* Roxb**”.
(University Grant Commission – BSR – Meritorious Fellow in the period of 2012 - 2017).
- **M.Phil.** Dissertation entitle on “**Studies of Polymorphism in chloroplast DNA obtained from different medicinal plant species in Fabaceae**”.
- **M.Sc.:** Dissertation entitle on “**Isolation and Identification of Fungal population in Kallani-Dam water and soil sample**”.

9. **Research Projects Completed (Principal Investigator):**

Scheme:	Seed Money Grant
Ref. No:	(Ref. No: JIIC/2019-2020SM-F/Dean of Research & Consultancy/06)
Position:	Principal Investigator
Funded by:	Jamal Mohamed College (Autonomous)
Grant (Rs.):	10,000/-
Duration:	1 Year
Title:	Formulation of Natural Bio Insecticides and Pesticides in Plants, Fruits and Vegetables using <i>Aloe vera</i> Plant Extracts.
Status:	Successfully Completed

10. **Current Research Work (Student’s research work under my supervision)**

- ❖ Successfully going on Post Graduate student’s research work under my supervision titled in **Extraction a characterization of Natural fibre from *Furcraea foitida* (L.) Haw leaves as an alternative material for textile applications.**
- ❖ Successfully completed Post Graduate student’s research work under my supervision titled in “**Phytochemical and Antimicrobial studies of *Furcraea foitida* (L.) Haw**”.
- ❖ Successfully completed under my supervision titled in “**Microbial Contamination, an Increasing Threat to the Consumption of Fresh Fruits and Vegetables in Today’s Life**”. *This proposal is*

going on the DBT – Star College Scheme in my college, Group Projects in Under Graduate Botany Degree students.

- ❖ **Phytochemical Screening and its Silver Nanoparticle Based Antibacterial activity of *Luffa cylindrica* Linn. Fruit Extract against Human Pathogenic Organisms – This proposal has been done for the DBT – Star College Scheme in my college Under Graduate Botany Degree students.**
- ❖ Successfully completed Post Graduate student's research work under my supervision titled "**Anti-Pyretic activity, Antimicrobial activity and phytochemical analysis of *Anisomeles malabarica* (L)**".
- ❖ Successfully completed Post Graduate student's research work titled "**Conversion of Cyanobacterial strains into Axenic culture using Gas plasma (Ozone gas, O₃)**".
- ❖ Successfully completed Post graduation Student's (M.Sc., Botany 2017 - 2018) research works titled "**Antimicrobial Activity of *Luffa cylindrica* (L)**".

Board Member in Curriculum Development:

- Member in **B.Sc & M.Sc Botany Syllabus Setting Board** (from **2017** to **Till date**) in Jamal Mohamed College (Autonomous), Tiruchirappalli-620 020, India.
- Member in **B.Sc & M.Sc Microbiology Syllabus Setting Board** (from **2018** to **2019**) in Jamal Mohamed College (Autonomous), Tiruchirappalli-620 020, India.

Additional Responsibilities:

- Member in "**Department Curriculum Development Cell & National Institutional Ranking Framework (NIRF)**" Department of Botany, Jamal Mohamed College, Tiruchirappalli - 620 020, Tamil Nadu, India. **01/09/2021 to Till date.**
- Department Additional Deputy coordinator and Member for DBT STAR College Scheme & DST-FIST programme, Jamal Mohamed College, Tiruchirappalli, Tamil Nadu, India. **2020 to till date.**
- Editorial Member in International Journal of Botany Studies (Web of Science Indexed Journal) 28/01/2022 to Till date.
- Students Monitoring Committee Member in our college campus, Jamal Mohamed College, Tiruchirappalli - 620 020, Tamil Nadu, India. **24/06/2019 to Till date.**
- Team member in Environment and effluent Treatment in our College Campus & Kajamian Hostel, Jamal Mohamed College, Tiruchirappalli - 620 020, Tamil Nadu, India. **01/10/2017 to Till date.**

Research Papers Publication:

(International – 08 (SJIF – 14.892) & Proceedings – 01) (Citation – 14, H-index – 01 & i10 - Index - 01).

1. **R. Syed Moideen** and A. Lakshmi Prabha. Plant mediated synthesis of silver nanoparticles from leaf extract of *Phyllanthus amarus* L. and their antibacterial activity. International Journal of Botany Studies. Vol – 7, Issue – 1, Pg. No: 251-257, Jan-2022. (ISSN - 2455-541X, Web of Science).
2. **Syed Moideen Rahamathullah** and A. Lakshmi Prabha Azhagiyamanavalan. Evolution of Free Radical Scavenging Activity of *Luffa acutangula* Linn. Var. *amara*. Roxb. Fruit Extract. International Journal of Botany Studies. Vol – 6, Issue – 3, Pg. No: 616 – 619, June – 2021. (ISSN - 2455-541X, Web of Science).
3. **R. Syed Moideen** and A. Lakshmi Prabha. Biosynthesis of Silver Nanoparticle Using *Vitex negundo* Leaf Extract and Its Antibacterial Activity. International Journal of Research and Analytical Reviews (IJRAR). Vol – 7, Issue – 1, Pg. No: 801 – 809. March – 2020, ISSN - 2349-5138.
4. **R. Syed Moideen** and A. Lakshmi Prabha. Callus Mediated Regeneration of Medicinally Important Plant *Luffa acutangula* Linn. Var. *amara* Roxb. National Conference on “New Avenues in Life Science: Trends and Challenges”, 28th & 29th Jan 2016, Pag. No: 27. ISBN – 978-93-852835-2-9.
5. Nazeerullah R., Tajuddin N, **Syed Moideen R.** Studies on bacteriorhodopsin synthesis in UV induced Mutant *Halobacterium salinarium* with different time of UV exposure. International Journal of Scientific Research (IJSR) Vol – 5, Issue – 1, 925-933. Jan – 2016, ISSN No – 2277-8179.
6. **R. Syed Moideen**, Lakshmi Prabha A. *In vitro* studies on *Luffa acutangula* Lin. var. *amara*. Roxb - an important medicinal plant. Int J Pharm Bio Sci 2014 Jan: 5 (1): 925 - 933. ISSN - 0975-6299 (SJIF – 7.446, Elsevier Scopus).
7. **R. Syed Moideen**, Lakshmi Prabha A (2014). Green synthesis of silver nanoparticles using *Luffa acutangula*. Var. *amara*. Lin. And its antibacterial activity. Int J Pharm Bio Sci 2014 Oct; 5(4): (B) 1051 – 1061. ISSN - 0975-6299 (SJIF – 7.446, Elsevier Scopus).
8. **R. Syed Moideen**, A. Lakshmi Prabha. *In Vitro* Plant Regeneration of *Luffa acutangula* Roxb. Var *amara* Lin.: An Important Medicinal Plant. International Journal of Science and Research (IJSR) Volume 4 Issue 5, May 2015. 117 – 122 ISSN (Online): 2319-7064.

Research Papers in Communication (International – 03):

1. **R. Syed Moideen** and A. Lakshmi Prabha. Larvicidal Activity of *Luffa acutangula* L. Var. *amara*. Roxb. Extracts against *Aedes aegypti* and *Culex quinquefasciatus*. (Journal of Biomass Conversion and Biorefinery (BCABN – Springer Scopus).
2. **R. Syed Moideen** and A. Lakshmi Prabha. Effect of Anti-Cancer Activity Induces Human Cervical Cancer Cell (HeLa ME- 180) using *Luffa acutangula* Linn. Var. *amara*. Roxb. (Communication in Applied Nanosciences - Elsevier).
3. **R. Syed Moideen** and A. Lakshmi Prabha. **Efficient and Reproducible Somatic Embryogenesis and Micropropagation In *Luffa Acutangula* Linn. Var. *Amara* Roxb. (Plant Cell, Tissue and Organ Culture (PTOC – Journal of Plant Biotechnology – Springer).**

Invited Talks as A Resource Person:

- **Served as a resource person** in the Young Student Scientist Programme (YSSP – 2022) on 19.05.2022, catalysed and supported by Tamil Nadu State Council for Science and Technology and conducted at Jamal Mohamed College, Tiruchirappalli, Tamil Nadu, India.

- **Acted as a Hall in charge in BDU Fest – 2019** in 18.10.2019 – 20.10.2019. Bharathidasan University, Tiruchirappalli - 620 020, Tamil Nadu, India.
- **Acted as a Guest Speaker** entitled on **“Grow the Trees and Harvest the Rain, Protect our Future Generation”**. NSS Special Camp at Servite Women’s Arts & Science College, T. Idiyappatti (Vil), Thogaimalai – 621 313. Karur (Dt), Tamil Nadu, India.
- **Acted as a Resource Person** in **“Mendel’s Law of Inheritance”** February 21st at Pavendar Bharathidasan College of Arts & Science College. Mathur, Tiruchirappalli – 620 024.

Other Activities:

- Acted as a Jury Person in the event **“Talk-A-Minute”** in the National Science Day Celebrations, held on 3rd March 2021, Organized by Jamal Mohamed College (Autonomous), Tiruchirappalli - 620 020, Tamil Nadu, India.
- Acted as a Jury Person in **“Veetukoru Vignani 2019”**, Science Exhibition Organized by Periyar Centenary Memorial Matriculation Higher Secondary School & Puthiya Thalaimurai, Trichy on 13.07.2019.
- Organizing committee member Green Campus in Bharathidasan University Campus, Bharathidasan University, Tiruchirappalli - 620 020, Tamil Nadu, India. **2015 - 2017**.
- Actively participated in **“B” Certificate** and **„A“ Grade** in NCC (Infantry).
- UGC Certificate Course on Environmental Studies from Bharathidasan University.

Paper Presented/Attended in National & International Conferences & Seminars (Total – 56).

1. **Organizing Committee Member on National Seminar on “Innovative Research Approaches in Biological Sciences”** organized by Department of Botany, Jamal Mohamed College (Autonomous), Tiruchirappalli. Tamil Nadu, India. 25th & 26th May 2022.
2. **“A State Level Workshop on “Production and Formulation of Bioinoculants”** Organized PG an Research Department of Microbiology, Jamal Mohamed College (Autonomous), Tiruchirappalli, in association with Internal Quality Assurance Cell (IQAC) held on 31st March, 2022.
3. **Presented a Research Paper** in **“VOICE-virtual 3rd International Conference on Environment, Agriculture, Chemical and Biological Sciences – ICEACBS-2022”** organized by VOICE, CAFRE & LINK-CAFRE, University of Pisa, Italy & Murray State University, Murray, Kentucky, United States of America. 22nd, 23rd & 26th Jan 2022.
4. **Participated** in the National level Virtual Workshop on **“Entrepreneurship Developmental Programme on Edible Mushroom Cultivation”** organized by Department of Botany, School of Life Sciences, Bharathidasan University, Tiruchirappalli-24, Tamil Nadu, India. 29th & 30th December 2021.
5. **Participated** in the International Webinar on **“Future Prospectus on Cell an Molecular Biology”** organized by the Department of Biotechnology, Cauvery College for Women (Autonomous), Tiruchirappalli, Tamil Nadu, India. 9th November 2021.
6. **Participated** in the Faculty Development Programme on (FDP) **“International Webinar on Biological Innovations for Resource Management and Sustainable Development”** organized by the Department of Botany, Jamal Mohamed College, Tiruchirappalli, Tamil Nadu, India. 24th to 26th August 2021.
7. **Participated** in the 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, Tiruchirappalli, Tamil Nadu, India. 28th July 2021.

8. **Participated** in the National level Webinar on "**Ecology, behaviour, threats and conservation of Indian Blue Peafowl Pavo cristatus**" Organized by Nature Club of Rajapalayam Rajus" College and Wildlife Association of Rajapalayam (WAR) on 11th June, 2021.
9. **Participated** in the International Webinar on "**Microbiome and Proteome in Human Life**" held on 20th April 2021, organized by Bon Securs Arts and Science College for Women, Mannargudi, Tamil Nadu, India.
10. **Participated** in the 2-day Webinar entitled "**Alternative Avenues for Life Science Graduates**" held on 6th and 7th October 2020, organized by the Department of Genetic Engineering, SRM Institute of Science and Technology, Kattankulathur, Chennai, Tamil Nadu, India.
11. **Participated** in the Webinar Session "**X- Fragile Chromosome in Human**" held on 18th July 2020, organized by Department of Zoology. Michael Job College of Arts and Science for Women, Sulur, Coimbatore, Tamil Nadu, India.
12. **Participated** in the National Webinar Lecture Series on "**Biosciences**" organized by PG & Research Department of Botany, Jamal Mohamed College, Tiruchirappalli, Tamil Nadu, India. 13th to 15th July 2020.
13. **Participated** in the Two-day International Webinar "**Research Evolution Towards Current Scenario**" Held on 13th & 14th July 2020, PG and Research Department of Chemistry, Periyar EVR College, Tiruchirappalli, Tamil Nadu, India.
14. **Participated** in the International Webinar Lecture Series on "Biological Sciences" organized by PG & Research Department of Botany, Jamal Mohamed College, Tiruchirappalli, Tamil Nadu, India. 6th to 8th July 2020.
15. **Participated** in the International Webinar Lecture Series - 5th Episode on "Evolving Urban World: Environment, Informed Decision Making, Governance, and Sustainable Resilience" organized by the Department of Geography on 27th June 2020. Nirmala College for Women, Red Fields, Coimbatore, Tamil Nadu, India.
16. **Participated** in International online seminar on "Natural Products for Health Management" Organized by Department of Botany, Periyar University Constituent College of Arts and Science, Harur, Dharmapuri, Tamil Nadu held on 10th to 16th June 2020. Tamil Nadu, India.
17. **Participated** in the One-day webinar entitled, "Commemoration of World Oceans Day" conducted by Department of Marine Science, School of Marine Sciences, Bharathidasan University, Tiruchirappalli-24 on 08th June, 2020.
18. **Participated** in the International webinar lecture series - 1st episode on "Gis And Remote Sensing Solutions for Post Covid-19 New World Order" organized by the Department of Geography on 04.06.2020. Nirmala College for Women, Red Fields, Coimbatore, Tamil Nadu, India.
19. **Participated** in the National Innovation webinar on "Social Innovation and Change Management" held on 5th June 2020. Institution"s Innovation Council (IIC), Holy Cross College (Autonomous), Tamil Nadu, India.
20. **Participated** in the Indo-UK Virtual Conference „Current Innovations and the Future of Therapeutic Developments“ CIFTD-2020, organized by Centre for Biomaterials Cellular & Molecular Theranostics (CBCMT) at Vellore Institute of Technology (VIT), Vellore, India and Swansea University, United Kingdom during 1st-3rd June, 2020.
21. **Participated** in the "National webinar on Investigations on Nano-Crystals" organized by Department of Chemistry and Research & Development cell, Mass College of Arts and Science, Kumbakonam, Tamil Nadu, India. 25th May 2020.
22. **Participated** in the webinar on "Magnetic Nanocarriers for Enhanced Enzyme Activity", on 30th May 2020. Conducted by the Department of Biotechnology. Prathyusha Engineering College, Chennai, Tamil Nadu, India.

23. **Participated in** the International Webinar “Nano – The Tiny Warrior – Engineering Nanomedicine Drug Delivery System” organized by Department of Chemistry, Kongu Engineering College, Perundurai, Erode District, Tamil Nadu, India. 30th May 2020.
24. **Participated** in the Leadership Talk with Dr. Nilesh N Oak, Expert (Indian Civilization & History) held on 30th May, MHRD Innovation Cell, Govt. of India) Hosting Live session of Leadership Talk by MHRD's Innovation Cell, Government of India. India.
25. **Participated** in the Webinar on “A stroll through the mystical Quantum Mechanics” held on May 29th May 2020 organized by the PG Department of Physics, Bhaktavatsalam Memorial College for Women, Korattur, Chennai, Tamil Nadu, India.
26. **Participated** in the webinar titled “Metal Complexes to Metal Nanoparticles for Efficient Catalysis” held on 28th May 2020 organised by School of Chemical and Biotechnology, SASTRA Deemed to be University. Tanjore, Tamil Nadu, India.
27. **Participated** and successfully completed Virtual Faculty Development Programme (FDP) on “Uncovering PIAZZA for Effective Teaching” organized by Department of Plant Biology and Plant Biotechnology, Presidency College, (Autonomous), Chennai on 27th May 2020.
28. **Participated** in Two Day National level webinar on “Recent Trends in Biological Sciences” organised by the Department of Biochemistry, Sree Narayana Guru College, Coimbatore, Tamil Nadu, India. 21st & 22nd May 2020.
29. **Participated** in the Webinar on “Quality Metrics in Higher Education” organized by The Internal Quality Assurance Cell, Sadakathullah Appa College (Autonomous), Rahmath Nagar, Tirunelveli, under the UGC Paramarsh Scheme on 21st May 2020. Tamil Nadu, India.
30. **Participated** in the Webinar entitled “Research to Publication – An Expert View” on 09th May 2020, organized by Centre for Molecular and Nanomedical Sciences, Sathyabama Institute of Science and Technology, Chennai, Tamil Nadu, India.
31. **Participated** in the National level webinar on “Joy or Orderly Living” held on 05th May 2020. Kamadenu Arts and Science College, Sathyamangalam, Erode District, Tamil Nadu, India.
32. **Participated** in the webinar “Innovations in Higher Education: An Exposure during COVID 19” organized by Aalim Muhammed Salegh College of Engineering Avadi-IAF, Chennai on 22nd April 2020. Tamil Nadu, India.
33. **Successfully Completing the** “Online course How to become online Teacher” held on 19th April 2020. Organized by AMITY University, Noida, Mumbai, India.
34. **Presented a Research Paper** on “National Seminar on Frontiers in Biological Innovations for Resource Management, Patents and Entrepreneur Development” on 10th & 11th March 2020, organized by PG & Research Department of Botany, Jamal Mohamed College, Tiruchirappalli, Tamil Nadu, India.
35. **Participated in** special lecture on “**Intellectual Property Rights and Prior Art Search for Research Development**” held on 5th Feb, 2020 at Intellectual Property Rights Cell of Jamal Mohamed College, Tiruchirappalli, Tamil Nadu, India.
36. **Presented a Research Paper** on International Seminar on “Emerging Trends in Biological Research (ETBR 2018)” held on 3rd March, 2018 at Department of Biotechnology & Microbiology, Jamal Mohamed College, Tiruchirappalli, Tamil Nadu, India.
37. **Presented a Research Paper** on “International Conference on Environment and Health in Changing Climate” held on 14th – 16th September 2016 at Department of Environmental Biotechnology, Bharathidasan University, Tiruchirappalli, Tamil Nadu, India.

38. **Presented a Research Paper** on “National Conference on Emerging Trends in Plant Science” held on 10 – 11th March, 2016 at Department of Plant Science, Bharathidasan University, Tiruchirappalli, Tamil Nadu, India.
39. **Presented a Research Paper** on “New Avenues in Life Science: Trends and Challenges” held during 28th & 29th January 2016, in Life Science Departments, Dhanalakshmi Srinivasan College of Arts and Science for Women, Perambalur, Tamil Nadu, India.
40. **Presented a Research Paper** on 25th Silver Jubilee Conference of Indian Association for Angiosperm Taxonomy (IAAT) and Council Meeting of International Association for Plant Taxonomy, International Seminar on “Advancements in Angiosperms Systematics and Conservations” from 19th to 21st November 2015 held at Department of Botany, University of Calicut, Kerala, India.
41. **Presented a Research Paper** on National Conference on “Transgenic Plants and Food Security of Nation” (TPFSN - 2015) held on 27th February 2015 at Department of Botany, Jamal Mohamed College, Tiruchirappalli, Tamil Nadu, India. ***This paper received Best Paper Award.**
42. **Presented a Research Paper** on National Seminar on “New Frontiers and Biotechnology” Department of Botany, Goa university, Goa, during 29th – 30th January 2015.
43. **Presented a Research Paper** on 24th Annual Conference of Indian Association for Angiosperm Taxonomy (IAAT) and International Conference on “Trends in Plant Systematic” (TIPS) held on 31st October to 2nd November 2014 at Department of Plant Science, Bharathidasan University, Tiruchirappalli, Tamil Nadu, India.
44. **Presented a Research Paper** in National Conference on “Recent Trends in Bioprospecting of Plants held during 28th & 29th March 2014 at the Department of Plant Science, Bharathidasan University, Tiruchirappalli, Tamil Nadu, India.
45. **Presented a Research Paper** on National Conference On “Recent Trends in Plant Biotechnology” held on 27th & 28th February 2013 at Department of Plant Science, Bharathidasan University, Tiruchirappalli, Tamil Nadu, India.
46. **Presented a Research Paper** on National Conference On “Genomics and Genetics Engineering Strategies for Crop Improvement” during 27th & 28th February 2012 at Department of Biotechnology, Periyar University, Salem, Tamil Nadu, India.
47. **Attended** a Special lecture on “**Intellectual Property Rights and Prior Art for Research Development**” on 5th February 2020. Organized by the Intellectual Property Rights Cell of Jamal Mohamed College, Tiruchirappalli, on 5th February 2020. Tamil Nadu, India.
48. **Attended** a National Conference on Recent Advances in Plant Science: Towards Food and Food Security held on 15th March, 2018 at the Department of Botany, Bharathidasan University, Tiruchirappalli, Tamil Nadu, India.
49. **Participated** “Intellectual Property Rights and Patenting in life Sciences: Problems and Prospects” 1st March 2018, Organized by PG and Research Department of Botany, Jamal Mohamed College, Tiruchirappalli, Tamil Nadu, India.
50. **Participated** in the National Conference on “Recent Advances in Plant Science” at 9-10th March 2017, at Department of Plant Science, Bharathidasan University, Tiruchirappalli, Tamil Nadu, India.
51. **Attended** National Seminar on “Recent Trends in Secondary Metabolic Engineering” held on 5th January 2010 at Department of Plant Science, Bharathidasan University, Tiruchirappalli, Tamil Nadu, India.

52. **Attended** “State Level Intercollegiate Students Seminar” held on 15th February 2008 at Department of Botany & Biotechnology, Thiagarajar College, Madurai, Tamil Nadu, India.
53. **Attended** National Seminar on “Trends in Modern Biology” held on 15th March 2007 at Department of Plant science, Bharathidasan University, Tiruchirappalli, Tamil Nadu, India.
54. **Attended** National Seminar on “Ensuring Environmental Sustainability” during 7th & 8th March 2007 at Department of Environmental Sciences, Bishop Heber College, Tiruchirappalli, Tamil Nadu, India.
55. **Attended** “Regional Seminar on Recent Trends in Biotechnology and Its Role in Utilization of Biodiversity” during 5th & 6th March 2007 at Department of Botany, Jamal Mohamed College, Tiruchirappalli, Tamil Nadu, India.
56. **Participated** in the “Regional Conference on the Fern Diversity of India” conducted by the Centre for Biodiversity and Biotechnology on 24th February 2007. St. Joseph’s College, Tiruchirappalli, Tamil Nadu, India.

National & International Workshops Attended (Total – 14):

1. **Actively Participated** in the “Staff Enrichment Programme on Ownership Culture” Organised by the **Internal Quality Assurance Cell** of the college on 14th June 2022. Jamal Mohamed College, Tiruchirappalli, Tamil Nadu, India.
2. **Actively Participated** in the one day “Online Workshop on Vermitechnology” organized by the P.G and Research Department of Zoology, Jamal Mohamed College, Tiruchirappalli, Conducted on 11th July 2020.
3. **Actively Participated** “Online Training on Electrophoresis” organized by the P.G and Research Department of Zoology, Jamal Mohamed College, Tiruchirappalli, conducted on 9th July 2020.
4. **Actively Participated** in “Science and Society – Challenges in Biotechnology” Organised on 27th February 2019 held at Department of Botany, Bharathidasan University, Tiruchirappalli, Tamil Nadu, India.
5. **Actively Participated in** “UGC CPE Sponsored Two – Day Workshop on Professional Development for Academic Leadership in Curriculum Design” Organized by **Curriculum Development Cell** of the college on 18th and 19th January 2019. Jamal Mohamed College, Tiruchirappalli, Tamil Nadu, India.
6. **Actively Participated in** Science Academies“ Lecture Workshop on “Conservation and Utilization of Bioresources” held at 06th & 7th December 2018 at PG and Research Department of Biotechnology, Srimad Andavan Arts & Science College, Tiruchirappalli, Tamil Nadu, India.
7. **Actively Participated in** “Improving Teaching Practices – A Strategic Approach” Organized by the **Internal Quality Assurance Cell** of the college on 23rd June 2018. Jamal Mohamed College, Tiruchirappalli, Tamil Nadu, India.
8. **Attended** a National Level Lecture Workshop on “Plant Tissue Culture and Phytochemistry” held at 21st March, 2018 at the Department of Botany, Bharathidasan University, Tiruchirappalli, Tamil Nadu, India.
9. **Attended** “Science Academies“ Lecture Workshop on Conservation and Protection of Bioresources” organized by Department of Botany, School of Life Sciences, Bharathidasan University, Tiruchirappalli, Tamil Nadu, India. On 24th & 25th January, 2018.

10. **Actively Participated** in the Three-Day NLP-Based Faculty Empowerment Programme Organized by the **Internal Quality Assurance Cell** of the college on 17th, 19th & 20th June 2017. Jamal Mohamed College, Tiruchirappalli, Tamil Nadu, India.
11. **Participated** State level Workshop On “Phytochemistry for Health and Environment” organized by Department of Environmental Biotechnology & Department of Plant Science, Bharathidasan University, Tiruchirappalli on 08th to 11th February 2016, Tamil Nadu, India.
12. **Attended** One Day Regional Workshop On “Recent Trends in University – Industry Relations” 16th February 2012 at Department of Environmental Management, Bharathidasan University, Tiruchirappalli, Tamil Nadu, India.
13. **Attended** National Workshop on “Personality Development Programme” organized by under NSS (National Service Scheme) Bharathidasan University unit on March 3rd & 4th 2011 at Bharathidasan University, Tiruchirappalli, Tamil Nadu, India.
14. **Attended** National Workshop on “Scholarly Information Access” during 23rd & 24th October 2009 at University Library Bharathidasan University, Tiruchirappalli, Tamil Nadu, India.

Methods/Technical Expertise:

- ❖ Plant tissue culture (Adventitious root & shoot culture, Callus culture; Organogenesis & Somatic Embryogenesis)
- ❖ Phytochemical isolation and purification (Column chromatography, HPLC and HPTLC)
- ❖ Green synthesis of Nano-particles (Characterization and Biological application)
- ❖ DNA isolation (CTAB-method)
- ❖ DNA barcoding
- ❖ Agarose gel electrophoresis
- ❖ Plant pathological studies (Bacterial & Fungal isolation and identification)
- ❖ Mycorrhizal isolation and identification

Areas of Interest:

- Plant Breeding and Genetics
- Tissue Culture Techniques
- Floriculture
- Gene Transformation
- Molecular Techniques
- Histochemistry
- Biopesticides
- Pharmacological Studies
- Bio-Nanotechnology
- Agricultural & Horticultural Techniques

Personal Details:

Father Name : S/O Late **Mr. M. RAHAMATHULLAH**
Age and Date of Birth : **36 years 28.10.1985**
Place of Birth : Tamil Nadu State, India.

Nationality : Indian
Religion : Muslim
Gender : Male
Marital Status : Married and blessed with two children.
Language Known : English & Tamil (Read, Write & Speak)
Passport No : **K2716052**
Address to communicate : PG & Research Department of Botany
Jamal Mohamed College (Autonomous)
(College with potential for excellence – UGC)
Accredited (3rd Cycle) with „A“ Grade by NAAC
DBT – STAR College Scheme and DST – FIST funded
(Affiliated to Bharathidasan University)
Tiruchirappalli – 620 020.
Tamil Nadu, India.

Home town address : P. No: 51, Sri Gowri Nagar 3rd Street,
Near Theeran Nagar, Piratiyur (P.O),
Tiruchirappalli – 620 009.
Tamil Nadu, India.

References:

- **Dr. Nazeerullah Rahamathullah**
Assistant Professor in Microbiology
College of Medicine,
Gulf of Medical University,
Ajman, U.A.E
E. mail: dr.nazeer@gmu.ac.ae
Mobile: 00971-503201047.
- **Dr. A. Lakshmi Prabha**
Professor & Head
Department of Botany
School of Life Sciences
Co-Ordinator NSS & Red-Ribbon Club
Bharathidasan University
Tiruchirappalli - 620024.
E. mail: dralprabha@yahoo.com
Mobile: +91-88708 88903.
- **Dr. N. Tajuddin**
Director
National Facility for Marine Cyanobacteria (NFMC)
Department of Microbiology
Bharathidasan University
Tiruchirappalli - 620024.
E. mail: nthaju2002@bdu.ac.in
Mobile: +91-9842379719.

- **Dr. M. Ghouse Basha**
Associate Professor & Head
Dean Faculty of Science
Department of Botany
Jamal Mohamed College
Tiruchirappalli - 620020.
E. mail: ghobashjmc@yahoo.co.in
Mob: +91 9443891653 / 8610396907.

DECLARATION

I hereby declare that the above information furnished by me is true and best of my knowledge and belief.

Yours faithfully



(R. SYED MOIDEEN RAHAMATHULLAH)