

CURRICULUM VITAE

Dr. S. Ansar Ali, M.Sc., Ph.D.,

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Objective

To work in a competitive, inspiring and challenging environment which offers opportunities of contributing towards the development of the organization and enhances the potential for professional and personal satisfaction.

Education

- ❖ **Doctor of Philosophy** in Botany, Annamalai University, Chidambaram, Tamil Nadu – 608002, India (2019).
- ❖ **Master of Science** in Botany, Annamalai University, Chidambaram, Tamil Nadu – 608002, India (2015). First Class – 74%
- ❖ **Bachelor of Science** in Plant Biology and Plant Biotechnology, Government Arts and Science College, C. Mutlur, Chidambaram, Cuddalore (Dist), Tamil Nadu -608001, India. (2013) First Class – 75%.
- ❖ **Secondary School Certificate Examination** in Physics, Chemistry, Botany and Zoology, Sri Ramakrishna VidyaSala higher Secondary School, Chidambaram, Cuddalore (Dist), Tamil Nadu -608001, India. (2010) Second Class- 55%.
- ❖ **High School Examination** in Mathematics, Science and Social Science, Sri Ramakrishna VidyaSala higher Secondary School, Chidambaram, Cuddalore (Dist), Tamil Nadu -608001, India (2008). First Class- 71%.

Teaching Experience (4.2 Years)

- **16.06.2024 to still dated** - Assistant Professor, PG Department of Botany, Sri Vidya Mandir Arts and Science College (Autonomous) - Katteri, Uthangarai, Krishnagiri (Dist.), Tamil Nadu, India - 636 902

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- **29.03.2023 to 24.01.2024** - Lecturer, Department of Gunapadam marunthiyal (Maruthuva Thavaraviyal) JSA Medical College for Siddha ad Research Centre, Pali, Ulundurpet, Kallakurichi (Dist.), Tamil Nadu, India - 606 104
- **16.02.2022 to 17.02.2023** - Assistant Professor, PG Department of Botany, Sri Vidya Mandir Arts and Science College (Autonomous) - Katteri, Uthangarai, Krishnagiri (Dist.), Tamil Nadu, India - 636 902
- **10.07.2019 to 03.12.2020** -Assistant Professor, Department of Botany, Sun arts and Science College, Keranoor, Thiruvannamalai, Tamil Nadu, India - 606 755.

Research Experience (3 Years)

- **UGC – BSR - SAP Fellow** (2015 – 2019)

Title of Ph.D., thesis:

Studies on the Phytochemical, Molecular Characterization and Pharmacoinformatics of the Selected Bone Healing Plants

Summary

This study investigates the bone healing properties and genetic diversity of six ethnomedicinal plant species: *Cissus quadrangularis* (variants I & II), *Cissus vitiginea*, *Cissus rotundifolia*, *Cardiospermum halicacabum*, and *Dodonaea viscosa*. These species are traditionally used by tribal and rural communities in India for treating bone fractures, joint pain, arthritis, and rheumatism. Genomic DNA was efficiently isolated using a modified CTAB method, yielding high-quality DNA despite the presence of secondary metabolites. PCR amplification with universal plant barcoding markers (*matK* and *rbcL*) was highly successful, and sequence analysis confirmed species identity through NCBI-BLAST and phylogenetic relationships using MEGA X.

Phytochemical profiling using chromatography, GC-MS, and FT-IR led to the identification of 30 major bioactive compounds. Molecular docking revealed that 15 compounds had strong protein-ligand interactions, with Alpha-Methyl

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glucofuranoside and Tetradecanoic acid showing the highest binding affinity and favorable ADMET properties. Among the six plants studied, *Cissus quadrangularis*, *C. vitifolia*, and *Cardiospermum halicacabum* exhibited superior bone healing potential, suggesting their promising role in drug development for bone-related disorders. The study highlights the importance of integrating traditional knowledge with modern molecular and pharmacological techniques for therapeutic advancement.

Job Responsibilities

- Teaching the theoretical and practical classes for UG and PG students
- ❖ **Major Papers** : Plant Physiology, Cell Biology, Molecular Biology, Genetics and Plant breeding, Biochemistry, Plant Diversity, Plant Taxonomy and Medicinal Botany (Medical College students)
- ❖ **Major Elective Papers:** Plant Biotechnology, Biostatistics, Bioinformatics and Plant Tissue Culture.
- ❖ **Non - Major Elective Papers:** Horticulture, Mushroom Cultivation Technology.
- Preparing the study materials for theoretical subjects.
- Preparing the E-Content and E- Videos
- Preparing the practical manual.
- Assisted the training and placement of students.
- Members in IQAC committee, Research and Development committee, discipline committee, Cultural and Sports committee.

Student projects (No.5)

1. A study on the screening of phytochemical constituents of plant parts *Jasminum sambaca* (L.) (Group)
2. Phytosociological and ethno-medicinal studies of Sacred groves in Nallapalli Block, Dharmapuri, Tamil Nadu.

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3. Phytochemical Profiling and Therapeutic Potential of *Cassia auriculata* Leaf Extracts. (Group)

Area of Interests

- Molecular Biology Techniques
- Bioinformatics
- Molecular Docking
- Biochemical Techniques
- Phytochemistry
- Plant Tissue Culture
- Plant Taxonomy

Areas of Specialization

- Plant Molecular Biology
- DNA Barcoding and Bioinformatics
- Phytochemistry

Prizes / Awards and others (3)

1. **Third Prize** award for modeling competition in National Science Day on 28th February, 2014, Organized by Faculty of Science, Annamalai University, Annamalai Nagar, Tamil Nadu, India.
2. **Second Prize** award for Best paper presentation in National Science Day on 28th February, 2018, Organized by Faculty of Science, Annamalai University, Annamalai Nagar, Tamil Nadu, India.
3. **UGC – BSR - SAP Fellow** (2015 – 2019), awarded by University Grants Commission, Govt. of India.

Organizing Conference/ Seminar/Workshop

1. **Organizing Sectary in** International Conference on Life Sciences with Future Perspectives on World Challenges and Developments(ICLS-FPWCD-2025) on 04th & 05th February 2025, PG Department of Botany, Sri Vidya Mandir Arts & Science College (Autonomous). Katteri, Uthangarai.

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Oral Presentations (8)

1. National seminar on “**Emerging trends in crop improvement**” February 09th & 10th , 2017, Organized by Department of Genetics and Plant Breeding, Faculty of Agriculture, Annamalai University, Annamalai Nagar, Tamil Nadu, India.
2. National conference on “**Recent Advances in Plant Science**” March 09th & 10th, 2017, Organized by Department of Plant Science, Bharathidasan University, Tiruchirappalli, Tamil Nadu, India.
3. National seminar on “**Conventional and molecular strategies for sustainable crop improvement (CMSSCI 2017)**” March 16th & 17th , 2017, Organized by Department of Genetics and Plant Breeding, Faculty of Agriculture, Annamalai University, Annamalai Nagar, Tamil Nadu, India.
4. National seminar on “**Recent Advances in Plant Science Research (RAPSR 2017)**” March 21st & 22nd, 2017, Organized by Department of Botany, Annamalai University, Annamalai Nagar, Tamil Nadu, India.
5. National Seminar on “**Current Scenario in Plant Science Research (CSPSR-2018)**” February 26rd to 27th, 2018, Organized by Department of Botany, Annamalai University, Annamalai Nagar, Tamil Nadu, India.
6. UGC SAP Sponsored National seminar on “**Abiotic Stress Agriculture : Constraints and Strategies**” March 06th & 07th, 2018, Organized by Department of Genetics and Plant Breeding, Faculty of Agriculture, Annamalai University, Annamalai Nagar, Tamil Nadu, India.
7. International Conference on “**Recent Scenario in Plant Science Research – Climate Change and its associated variations (ICRSPSR-2018)**” March 23rd to 25th, 2018, Organized by Department of Botany, Annamalai University, Annamalai Nagar, Tamil Nadu, India.
8. National Conference on “**Interdisciplinary interaction on recent innovations and prospects of phyto pharmaceuticals (RIPP-2018)**” 26th and 27th October 2018, Organized by Department of Pharmacy, Annamalai University, Annamalai Nagar, Tamil Nadu, India.

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Poster Presentations (2)

1. National conference on “**Achievements, Challenges and Opportunities in Plant Science Research**” March 18th and 19th , 2016, Organized by Department of Botany, Annamalai University, Annamalai Nagar, Tamil Nadu, India.
2. International Conference on “**Phytomedicine (ICPM-2018)**” 29th to 31st August, 2018, Organized by Department of Botany, Bharathiar University, Coimbatore, Tamil Nadu, India.

Workshops Attended (9)

1. Participated in one year “**Computer – Cum – internet Literacy Programme**” conducted by the Directorate of Collegiate Education, Department of Higher Education, Government of Tamil Nadu in Government Arts College, Chidambaram. 2010-2011.
2. Participated in on day workshop “**Awareness and capacity building for Muslim community towards utilization of government schemes**” Organized by Business administration, DDE wing, Annamalai University, 27th August, 2014
3. Participated in Two days’ workshop on “**Road Safety and Emergency Care**” Organized by YRC, held in the department of Botany, Annamalai University, March – 19th & 20th, 2015.
4. Participated in seven days “**Prof. K.S. Sonachalam Memorial XXV Inter-Disciplinary Research Methodology Workshop**” Organized by the Department of Economics, Annamalai University, from 24th to 31st March 2016.
5. Participated in Two days “**Workshop on Paper Publication**” Organized by Department of Physics, wing (DDE), Annamalai University, from 16th to 17th December 2016.
6. Participated in One day training Programme on “**Communication Skills for Career and Counseling**” Organized by Training and Placement cell, Department of Botany, Annamalai University, Annamalai Nagar, Tamil Nadu, India. On 7th March 2017.

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7. Participated in One day “**Workshop on Digital Agriculture**” Organized by the Department of Botany, Annamalai University, on 24th August 2017.
8. Participated in “**One day work shop on Becoming Arabidopsis Biologists**” Organized by the Department of Botany, Annamalai University, on 7th February 2018.
9. Participated in “**AI for All Programme**” Organized by Digital India Power to Empower, on 23th October 2024

Faculty Development Programme/ Orientation Programme/ Refresher course

1. Participating in the Online Faculty Development Program on “Research Methodology”, organized by Balaji Institute of Management Sciences. from 13th to 17th July, 2020.
2. Participated in Faculty Development Program on Outcome Based Education at IQAC, Rajeev Gandhi College of Management studies from 13/01/2022 to 19/01/2022.
3. Participated in AICTE Training And Learning (ATAL) Academy Faculty Development Program on Green Technology at Periyar University from 04/11/2024 to 09/11/2024.

Membership in Professional Bodies

1. Indian Science Congress Association (L31052)
2. International Society for Computational Biology (32478)
3. American Society for Biochemical and Molecular Biology (64386)

Extra-Curricular Activities

1. NCC
2. YRC

Abstracts Published (33)

1. **Ansar Ali. S**, Manikandan. S and Alagu Lakshmanan G. M. “**A Prospective outlook in the species of Cissus – An unexploited and unclaimed medicinal uses**”. National conference on “Emerging trends in Plant Science”

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March 10th and 11th , 2016, Abstract of Paper Pp 14, Organized by Department of Plant Science, Bharathidasan University, Tiruchirappalli, Tamil Nadu, India.

2. Selvarasivasuki Manikandan, **Sabeerali Ansar Ali** and Ganapathy Murugan Alagu Lakshmanan. ***“Investigation of anti – diabetic activity in Plectranthus amboinicus (Benth) through in silico study”***. National conference on “Emerging trends in Plant Science” March 10th and 11th , 2016, Abstract of Paper Pp 65, Organized by Department of Plant Science, Bharathidasan University, Tiruchirappalli, Tamil Nadu, India.
3. S. Manikandan, **S. Ansar Ali**, R. Gopi and G. M. Alagu Lakshmanan. ***“GC-MS and FT-IR Spectroscopic analysis in the methanolic leaves extract of Plectranthus coleoides (Benth)”***. National conference on “Achievements, Challenges and Opportunities in Plant Science Research” March 18th and 19th, 2016, Abstract of Paper Pp 22, Organized by Department of Botany, Annamalai University, Annamalai Nagar, Tamil Nadu, India.
4. **S. Ansar Ali**, S. Manikandan and G. M. Alagu Lakshmanan. ***“A bounty of underutilized medicinal properties rich species diversity in the genus Cissus”***. National conference on “Achievements, Challenges and Opportunities in Plant Science Research” March 18th and 19th , 2016, Abstract of Paper Pp 27, Organized by Department of Botany, Annamalai University, Annamalai Nagar, Tamil Nadu, India.
5. S. Manikandan, **S. Ansar Ali** and G. M. Alagu Lakshmanan. ***“Development of Molecular markers and Phytochemical screening in P.coleoides – A Potential medicinal herb”***. National seminar on “Emerging trends in crop improvement” February 09 & 10th ,2017, Abstract of Paper Pp 155, Organized by Department of Genetics & Plant Breeding, Faculty of Agriculture, Annamalai University, Annamalai Nagar, Tamil Nadu, India.
6. **S. Ansar Ali**, S. Manikandan and G. M. Alagu Lakshmanan. ***“Phytochemical screening and evaluation of Cissus quadrangularis L and Cardiospermum halicacabum L”***. National seminar on “Emerging trends in crop improvement” February 09 & 10th ,2017, Abstract of Paper Pp 06,

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Organized by Department of Genetics & Plant Breeding, Faculty of Agriculture, Annamalai University, Annamalai Nagar, Tamil Nadu, India.

7. S, Manikandan, **S. Ansar Ali** and G. M. Alagu Lakshmanan. “***DNA barcoding studies on *P.forskohlii* (Willd) Briq. By using chloroplast DNA (cpDNA) molecular markers***”. National conference on “Emerging trends in Plant Science” March 09th & 10th, 2017, Abstract of Paper Pp 40 (PMB-2.16), Organized by Department of Plant Science, Bharathidasan University, Tiruchirappalli, Tamil Nadu, India.
8. **S. Ansar Ali**, S, Manikandan and G. M. Alagu Lakshmanan. “***Comparative assessment of different protocols for Isolation of DNA from *Cissus quadrangularis* and *Cardiospermum halicacabum****”. National conference on “Emerging trends in Plant Science” March 09th & 10th, 2017, Abstract of Paper Pp 41 (PMB-2.17), Organized by Department of Plant Science, Bharathidasan University, Tiruchirappalli, Tamil Nadu, India.
9. S. Manikandan, **S. Ansar Ali** and G. M. Alagu Lakshmanan. “***Genomic studies on *Plectranthus rotundifolius* (Spreng) by using *rbcl* – A Potential chloroplast DNA (cpDNA) molecular markers***”. National seminar on “Conventional and molecular strategies for sustainable crop improvement (CMSSCI 2017)” March 16th & 17th ,2017, Abstract of Paper Pp 101, Organized by Department of Genetics & Plant Breeding, Faculty of Agriculture, Annamalai University, Annamalai Nagar, Tamil Nadu, India.
10. **S. Ansar Ali**, S. Manikandan and G. M. Alagu Lakshmanan. “***Standardization of DNA isolation procedure from the leaves of *Cissus quadrangularis* L and *Cardiospermum halicacabum* L***”. National seminar on “Conventional and molecular strategies for sustainable crop improvement (CMSSCI 2017)” March 16th & 17th ,2017, Abstract of Paper Pp 100, Organized by Department of Genetics & Plant Breeding, Faculty of Agriculture, Annamalai University, Annamalai Nagar, Tamil Nadu, India.
11. S. Manikandan, **S. Ansar Ali** and G. M. Alagu Lakshmanan. “***Chloroplast DNA (cpDNA) based molecular marker development for the identification of *Plectranthus forskohlii* (Willd) Briq.***”. National conference on “Recent

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Advances in Plant Science Research” March 21st and 22nd , 2017, Abstract of Paper Pp 66, Organized by Department of Botany, Annamalai University, Annamalai Nagar, Tamil Nadu, India.

12. **S. Ansar Ali**, S. Manikandan and G. M. Alagu Lakshmanan. **“Isolation of genomic DNA from *Cissus quadrangularis L* and *Cardiospermum halicacabum L* by using different protocols”**. National conference on “Recent Advances in Plant Science Research” March 21st and 22nd , 2017, Abstract of Paper Pp 66, Organized by Department of Botany, Annamalai University, Annamalai Nagar, Tamil Nadu, India.
13. **S. Ansar Ali**, S. Manikandan and G. M. Alagu Lakshmanan. “Morpho - Phytochemical analyses of three wild variants of *Cissus quadrangularis (L.)*”. National Seminar on “Current Scenario in Plant Science Research (CSPSR-2018)” February 26rd to 27th, 2018, Abstract of Paper Pp,28 Organized by Department of Botany, Annamalai University, Annamalai Nagar, Tamil Nadu, India
14. S. Manikandan, **S. Ansarali** and G. M. Alagu Lakshmanan. **“DNA sequence based marker identification of *Plectranthus vettiveroides (Jacob.) Species*”**. UGC SAP Sponsored National seminar on “Abiotic Stress Agriculture : Constraints and Strategies” March 06th & 07th, 2018, Abstract of Paper Pp 23, Organized by Department of Genetics and Plant Breeding, Faculty of Agriculture, Annamalai University, Annamalai Nagar, Tamil Nadu, India.
15. **S. Ansarali**, S. Manikandan and G. M. Alagu Lakshmanan. **“BLAST analysis of *Cardiospermum halicacabum* – A Computational approach”**. UGC SAP Sponsored National seminar on “Abiotic Stress Agriculture : Constraints and Strategies” March 06th & 07th, 2018, Abstract of Paper Pp 23, Organized by Department of Genetics and Plant Breeding, Faculty of Agriculture, Annamalai University, Annamalai Nagar, Tamil Nadu, India.
16. S. Manikandan, **S. Ansarali** and G. M. Alagu Lakshmanan. **“Insilico analysis of *Plectranthus rotundifolius (Spreng)* derived compounds against diabetic”**. National Conference on Biodiversity and its Conservation: Priorities and Challenges” March 12th and 13th, 2018, Abstract of Paper 32-35,

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Organized by Department of Botany, Bharathiar University, Coimbatore, Tamil Nadu, India.

17. S. Manikandan, **S. Ansarali** and G. M. Alagu Lakshmanan. ***“Chloroplast DNA sequence based molecular marker identification of active compounds in selected Plectranthus (L.) Species”***. International Conference on “Recent Scenario in Plant Science Research – Climate Change and its associated variations (ICRSPSR-2018)” March 23rd to 25th, 2018, Abstract of Paper Pp 233, Organized by Department of Botany, Annamalai University, Annamalai Nagar, Tamil Nadu, India.
18. **S. Ansarali**, S. Manikandan and G. M. Alagu Lakshmanan. ***“Standardization of pure genomic DNA isolation protocol for Dodonea viscosa (L.)”***. International Conference on “Recent Scenario in Plant Science Research – Climate Change and its associated variations (ICRSPSR-2018)” March 23rd to 25th, 2018, Abstract of Paper Pp 240, Organized by Department of Botany, Annamalai University, Annamalai Nagar, Tamil Nadu, India.
19. S. Manikandan, **S. Ansarali** and G. M. Alagu Lakshmanan. ***“DNA sequencing analysis for identification of Plectranthus rotundifolius (Spreng.) Species”***. International Conference on “Phytomedicine (ICPM-2018)” 29th to 31st August, 2018, Organized by Department of Botany, Bharathiar University, Coimbatore, Tamil Nadu, India.
20. **S. Ansarali**, S. Manikandan and G. M. Alagu Lakshmanan. ***“Ethnobotanical, Phytochemical and Pharmacological profile of the genus Cissus Linn. In Tamil Nadu”*** International Conference on “Phytomedicine (ICPM-2018)” 29th to 31st August, 2018, Organized by Department of Botany, Bharathiar University, Coimbatore, Tamil Nadu, India.
21. S. Manikandan, **S. Ansarali** and G. M. Alagu Lakshmanan. ***“Pharmacokinetics studies on selected Plectranthus (L.) species in Tamil Nadu”*** National Conference on “Interdisciplinary interaction on recent innovations and prospects of phyto pharmaceuticals (RIPP-2018)” 26th and 27th October 2018, Abstract of paper 24, Organized by Department of Pharmacy, Annamalai University, Annamalai Nagar, Tamil Nadu, India.

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22. **S. Ansarali**, S. Manikandan and G. M. Alagu Lakshmanan. ***Insilico studies on plant derived components of Cissus quadrangularis against ABMP2 enzyme*** National Conference on “Interdisciplinary interaction on recent innovations and prospects of phyto pharmaceuticals (RIPP-2018)” 26th and 27th October 2018, Abstract of paper 16, Organized by Department of Pharmacy, Annamalai University, Annamalai Nagar, Tamil Nadu, India.
23. **Ansar Ali. S**, Manikandan. S and Alagu Lakshmanan G. M. ***“Identification of novel ABMP2 chimera agonist from GC-MS analysis of Cissus quadrangularis and Cissus rotundifolia: a computational molecular simulation studies”***. Two days National seminar on “Bioprospecting of Biodiversity for Agriculture and Medicine: Current Status and Future Prospectives (BBAM-19)” October 3th and 4th, 2019, Abstract of Paper Pp OP-38, Organized by Department of Botany, Bharathiar University, Coimbatore, Tamil Nadu, India.
24. S. Manikandan, **S. Ansarali** and G. M. Alagu Lakshmanan. ***“Insilico screening and evaluation of anti-diabetic compounds in Plectranthus vettiveroides (JACOB)”*** Two days National seminar on “Bioprospecting of Biodiversity for Agriculture and Medicine: Current Status and Future Prospectives (BBAM-19)” October 3th and 4th, 2019, Abstract of Paper Pp OP-39, Organized by Department of Botany, Bharathiar University, Coimbatore, Tamil Nadu, India.
25. Manjula B, Sowmiya M, Rindhiya P, Pavithra P and **S. Ansar Ali**. ***“Sustainable Vector-Borne Disease Control: AI And Plant-Derived Interventions”*** 3rd International Conference on Emerging challenges in the prevention and control of Vector-borne Diseases” December 9th and 10th, 2024, Abstract of Paper Pp PP-78, Organized by Centre for Insect Molecular Studies and Environmental Research (CIMSER) PG & Research Department of Advanced Zoology and Biotechnology, Loyola College (Autonomous), Chennai – 34., Tamil Nadu, India.
26. **Ansar Ali S**, Manjula B, Sowmiya M, Rindhiya P and Pavithra P. ***“Artificial Intelligence and Eco-Friendly Phytochemicals for Vector-Borne Disease Mitigation”*** 3rd International Conference on Emerging challenges in the

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prevention and control of Vector-borne Diseases” December 9th and 10th, 2024, Abstract of Paper Pp PP-86, Organized by Centre for Insect Molecular Studies and Environmental Research (CIMSER) PG & Research Department of Advanced Zoology and Biotechnology, Loyola College (Autonomous), Chennai – 34., Tamil Nadu, India.

27. B. Manjula, M. Sowmiya, P. Rindhiya, P. Pavithra and **S. Ansar Ali**. **“Challenges and Future Directions in Utilizing *Aegle marmelos* for Nanoparticle Synthesis”** International Conference on Life Sciences with Future Perspectives on World Challenges and Developments (INLS-FPWCD-2025)” February 4th and 5th, 2025, Abstract of Paper Pp OP-08, Organized by PG Department of Botany, Sri Vidya Mandir Arts & Science College (Autonomous). Katteri, Uthangarai, Tamil Nadu, India.
28. V. Shalini and **S. Ansar Ali**. **“Effects of Climate and Plant Biodiversity Change on Pollution Dynamics”** International Conference on Life Sciences with Future Perspectives on World Challenges and Developments (INLS-FPWCD-2025)” February 4th and 5th, 2025, Abstract of Paper Pp OP-15, Organized by PG Department of Botany, Sri Vidya Mandir Arts & Science College (Autonomous). Katteri, Uthangarai, Tamil Nadu, India.
29. **S. Ansar Ali**, M. Ramachandran and V. Chinnadurai. **“Climate-Driven Changes in Nectar Availability and Pollinator Foraging Patterns”** International Conference on Life Sciences with Future Perspectives on World Challenges and Developments (INLS-FPWCD-2025)” February 4th and 5th, 2025, Abstract of Paper Pp OP-40, Organized by PG Department of Botany, Sri Vidya Mandir Arts & Science College (Autonomous). Katteri, Uthangarai, Tamil Nadu, India.
30. T. Hema Deepa and **S. Ansar Ali**. **“Clinical Trials of Medicinal Plants: Current Status and Future Directions”** International Conference on Life Sciences with Future Perspectives on World Challenges and Developments (INLS-FPWCD-2025)” February 4th and 5th, 2025, Abstract of Paper Pp OP-51, Organized by PG Department of Botany, Sri Vidya Mandir Arts & Science College (Autonomous). Katteri, Uthangarai, Tamil Nadu, India.

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31. P. Rindhiya, P. Pavithra, B. Manjula, M. Sowmiya and **S. Ansar Ali**. ***“Exploring the Commercial Potential of Crotalaria sagittalis in Phytopharmaceuticals: Issues and Future Trends”*** International Conference on Life Sciences with Future Perspectives on World Challenges and Developments (INLS-FPWCD-2025)” February 4th and 5th, 2025, Abstract of Paper Pp PP-58, Organized by PG Department of Botany, Sri Vidya Mandir Arts & Science College (Autonomous). Katteri, Uthangarai, Tamil Nadu, India.
32. M. Sowmiya, P. Rindhiya, B. Manjula, P. Pavithra and **S. Ansar Ali**. ***“Environmental Impact of Larvicidal Products derived from Anisomeles indica”*** International Conference on Life Sciences with Future Perspectives on World Challenges and Developments (INLS-FPWCD-2025)” February 4th and 5th, 2025, Abstract of Paper Pp PP-59, Organized by PG Department of Botany, Sri Vidya Mandir Arts & Science College (Autonomous). Katteri, Uthangarai, Tamil Nadu, India.
33. P. Pavithra, B. Manjula, P. Rindhiya, M. Sowmiya and **S. Ansar Ali**. ***“Advances in the development of Pergularia daemia - Based Herbal Formulations for Clinical Use”*** International Conference on Life Sciences with Future Perspectives on World Challenges and Developments (INLS-FPWCD-2025)” February 4th and 5th, 2025, Abstract of Paper Pp PP-60, Organized by PG Department of Botany, Sri Vidya Mandir Arts & Science College (Autonomous). Katteri, Uthangarai, Tamil Nadu, India.

No. of Webinar percipient (10)

1. **S. Ansar Ali**, ***“One day Webinar on PLANT BIOTECHNOLOGY IN SPACE”*** May 12th 2020, Organized by Department of Botany, Annamalai University, Annamalai Nagar, Tamil Nadu, India.
2. **S. Ansar Ali** ***“One day webinar on Strategies for Agriculture Development in Current Scenario”*** 9th June 2020, Organized by JSA College of Agriculture and Technology (Affiliated to Tamil Nadu Agricultural University)
3. **S. Ansar Ali** ***“National Webinar on Nutraceuticals and Medicinal Herbs for Health & Immunity”***, 20th June 2020, Organized by the Department of Botany & IQAC, St. Joseph’s College for Women, Andhra Pradesh.

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4. **S. Ansar Ali** “***National Webinar on Bioexplore***” 23rd -26th June 2020, Organized by Department of Botany, L.R.G. Government Arts College for Women, Tirupur.
5. **S. Ansar Ali** “***National Webinar on Recent trends in Biopharmaceuticals and Green Nanotechnology***” 9th July 2020, Organized by PG Department of Botany, The New College, Chennai.
6. **S. Ansar Ali** “***International Webinar on Application of Genetic Engineering in Medicine, Industry, Agriculture & Environment***” 21st July 2020, Organized by Department of Zoology, Thiruvalluvar University, Model Constituent College of Arts & Science .
7. **S. Ansar Ali** “***Webinar on Seeing Covid as a Voice of Resilience and Resistance: An Eco-critical Perspective***” 25th July 2020, Organized by the Department of English ARKA Jain University, Jharkhand.
8. **S. Ansar Ali** “***National Webinar on Plant and People***” 27th July 2020, Organized by Department of Botany, Sri Parasakthi College for Women, Courtallam.
9. **S. Ansar Ali** “***International Webinar on COVID-19: Facts and its diagnosis by RT-PCR***” 7th August 2020, Organized by PG Department of Botany, The New College, Chennai.
10. **S. Ansar Ali** “***e -International Conference on Plant Biodiversity and Environment Conservation***” 20-21th May 2021, Organized by PG Department of Botany in collaboration with Punjab Biodiversity Board sponsored by National Biodiversity Authority, Govt. of India.

Published in Books (2)

1. S. Manikandan, **S. Ansarali** and G. M. Alagu Lakshmanan. 2017. “***Authentication of Medicinal Plants through DNA barcoding – A Genomic based tool***”. Ancient herbal remedies for modern times, Adhiyaman publisher, Krishnagiri, Tamil Nadu, India. Pp 133-147, **ISBN No: 978-93-5281-771-9**.
2. S. Manikandan, **S. Ansarali** and G. M. Alagu Lakshmanan. 2018. “***Insilico analysis of Plectranthus rotundifolius (Spreng) derived compounds***”

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against diabetic". Proceedings of National Conference on Biodiversity and its Conservation: Priorities and Challenges" March 12th and 13th, 2018, Pages 32-35, Organized by Department of Botany, Bharathiar University, Coimbatore, Tamil Nadu, India, **ISBN No: 978-93-84234-71-3.**

Published in Journals (9)

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6. **Sabeerali Ansarali**, Selvarasuvasuki Manikandan and Ganapathy Murugan Alagu Lakshmanan, 2018. *Genomic DNA isolation from high poly phenolic content Dodonaea viscosa and Cissus rotundifolia leaf without using liquid nitrogen*. **Journal of Pharmaceutical, Chemical and Biological Sciences**. 6 (3); 228-236. https://www.jpCBS.info/2018_6_3_11_Ansarali.pdf
7. Selvarasuvasuki Manikandan, **Sabeerali Ansarali**, Manikandan Priyadharshini and Ganapathy Murugan Alagu Lakshmanan, 2021 Pharmacoinformatics approach of identified biological compounds from selected *Plectranthus* (L.) species in Tamil Nadu, India: An in-silico approach. **International Research Journal of Pharmacy**. 12 (7); 14-21. https://www.irjponline.com/admin/php/uploads/3666_pdf.pdf
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10. **S. Ansarali**, G. M. Alagu Lakshmanan, S. Manikandan and Shagufta Rashid, 2024 Virtual screening studies on Bone healing Phytochemicals isolated from *Cissus quadrangularis* (round variant) and *Cissus rotundifolia*, *Research Journal of Pharmacy and Technology*. 17(12); 1-9.

NCBI Gen Bank Submissions (12)

1. *Cardiospermum halicacabum* Voucher AUBOTGMA-07 ribulose 1,5 biphosphate caboxylase/oxygenase large subunit (rbcL), gene, partial cds, chloroplast. <https://www.ncbi.nlm.nih.gov/nuccore/MN711698> (Submitted)

CURRICULUM VITAE

2. *Cardiospermum halicacabum* Voucher AUBOTGMA-08 ribulose 1,5 biphosphate caboxylase/oxygenase large subunit (rbcL), gene, partial cds, chloroplast. <https://www.ncbi.nlm.nih.gov/nucore/MN711699>(Submitted)
3. *Cardiospermum halicacabum* Voucher AUBOTGMA-09 maturase K (matK) gene, partial cds; chloroplast. <https://www.ncbi.nlm.nih.gov/nucore/MN711700> (Submitted)
4. *Cardiospermum halicacabum* Voucher AUBOTGMA-10 maturase K (matK) gene, partial cds; chloroplast. <https://www.ncbi.nlm.nih.gov/nucore/MN711701> (Submitted)
5. *Dodonaea viscosa* Voucher AUBOTGMA-11 ribulose 1,5 biphosphate caboxylase/oxygenase large subunit (rbcL), gene, partial cds, chloroplast. <https://www.ncbi.nlm.nih.gov/nucore/MN711702> (Submitted)
6. *Dodonaea viscosa* Voucher AUBOTGMA-12 ribulose 1,5 biphosphate caboxylase/oxygenase large subunit (rbcL), gene, partial cds, chloroplast. <https://www.ncbi.nlm.nih.gov/nucore/MN711703> (Submitted)
7. *Dodonaea viscosa* Voucher AUBOTGMA-13 maturase K (matK) gene, partial cds; chloroplast. <https://www.ncbi.nlm.nih.gov/nucore/MN711704> (Submitted)
8. *Dodonaea viscosa* Voucher AUBOTGMA-14 maturase K (matK) gene, partial cds; chloroplast. <https://www.ncbi.nlm.nih.gov/nucore/MN711705> (Submitted)
9. *Cissus quadrangularis* Voucher AUBOTGMA-15 ribulose 1,5 biphosphate caboxylase/oxygenase large subunit (rbcL), gene, partial cds, chloroplast. <https://www.ncbi.nlm.nih.gov/nucore/MN711706> (Submitted)
10. *Cissus quadrangularis* Voucher AUBOTGMA-16 ribulose 1,5 biphosphate caboxylase/oxygenase large subunit (rbcL), gene, partial cds, chloroplast. <https://www.ncbi.nlm.nih.gov/nucore/MN711707> (Submitted)
11. *Cissus quadrangularis* Voucher AUBOTGMA-17 maturase K (matK) gene, partial cds; chloroplast. <https://www.ncbi.nlm.nih.gov/nucore/MN711708> (Submitted)

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12. *Cissus quadrangularis* Voucher AUBOTGMA-18 maturase K (matK) gene, partial cds; chloroplast. <https://www.ncbi.nlm.nih.gov/nuccore/MN711709>
(Submitted)

Computer Skills

- Microsoft Office Package
- Internet Explorer
- Google chrome
- Mozilla Firefox
- Google Mapping
- Google Meet
- Zoom Meet

Citation score

	All
Citations	47
h-index	3
i10-index	2

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I hereby declare that the details furnished above are true and correct to the best of my knowledge and belief.

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