

Name : Dr.Bagyalakshmi,
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Designation : ASSISANT PROFESSOR
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Experience in Teaching : 10 years
Experience in Research : 11 years
Education Qualification : M.Sc., M.Phil.,Ph.D.,

Titles of Dissertation

M.Phil. : A Taxonomic study of Genus Cassia L. in TamilNadu.

Ph.D. : Studies on Fungal Endophytes of some Gymnosperms

Areas of Specialization: Taxonomy, Mycology, Anatomy

CoursesAttended:

I have successfully completed my **ORIENTATION COURSE** conducted between 19-8-2008 to15-9-2008 by UGC Academic Staff College,Madurai Kamaraj University Madurai and has obtained 'A'grade.

I have successfully completed my **FIRST REFRESHER COURSE** on "Environmental Science" at UGC Academic Staff College, Kariavottam, University of Kerela, Trivandrum during 9-5-2005 and 30-5-2009.

I have successfully completed my **SECOND REFRESHER COURSE** on "Tools and Techniques in Biological Research conducted by ASC, Madurai Kamaraj University from 16.11.2012 to 06.12.2012 and obtained – Grade "A" Grade.

I have successfully completed my **THIRD REFRESHER COURSE** on the "Recent Trends in Life Science research" conducted by ASC, Madurai Kamaraj University from 23.12.2014 to12.01.2015 and obtained "A" grade.

Project:

Minor	Funding Agency
“Bioactive metabolites of endophytic fungus associated with Gymnosperms of Western Ghats”. The amount sanctioned is RS.1,37,000.	UGC

Workshop Organized as convenor / co-ordinator:

Guest lecture- 07.01.2016, “PAH and Drug development does it cost millions why?? “ – Dr.P.Moorthy Director and Regional Head Actelion Pharmaceuticals, Australia.

Guest Lecture -14.01.2016, “ My Life My Heart And My (Osin) Binding Protein C “- Dr. Sakhivel Sadayappan, Associate Professor Department Of Cell And Molecular Biology, Loyola University, USA.

National Seminar- 12.02.2016- “ Merging Trend in Biological Sciences”- V.H.N.S.N College, Virudhunagar.

Inter-collegiate Research Scholars Meet- 13.02.2016- “Overseas Internship and Fellowship”- Dr. Albert Premkumar, Senior Scientist Stockholm University, Sweden.

Inter-collegiate Awareness Program- 08.02.2017 & 09.02.2-17- “ Climate Change and its impact on Biodiversity of South TamilNadu” – RGNIYD Sponsored.

Guest lecture- 27.03.2017- “ Traditional Knowledge”- Dr. D. Winfred Thomas, Associate Professor and Head The American College, Madurai.

Guest Lecture- July 2016- “Vaccine Developmnet for Infectious Diseases What we have learned from failue”- Dr. Kar. Muthumani, Assistant Professor Vaccine Centre The Wistar Institute Philadelphia, USA.

Seminars Workshops and Conferences Attended

20th and 21st August 2009 - **National seminar** on Implication of Biotechnology in Conservation of Biodiversity and presented a paper entitled Endangered and Endemic Flora and fauna conducted by Dept., of Plant Biology and Plant Biotechnology, Govt., Arts College, Udhamandalam.

The research paper entitled” A novel endophytic fungus *Pestalotiopsis* sp., inhabiting *Pinus caneriensis* with anti-microbial Potential has been **accepted** for **Poster Presentation** at **International Mycological Congress held at Edinburgh, UK** held between 1-6th august 2010.

The Paper entitled” Diversity of fungal endophytes associated with ten Medicinal Plants in a Tropical evergreen forest in Courtallam, Western Ghats, India. Has been **accepted** for **Poster Presentation** at **International Union of Microbiological Societies Congresses 2011, held at Sapporo Japan, between 6-16th September 2011.**

31st January 2011 - **National Seminar** on Nature and Biodiversity Conservation (Nabico 2014) at Sathakathulla Appa college, Tirunelveli.

6th and 7th March 2015 - **National Seminar** on Discourses on Past, Present and Future Scenario on Medicinal Plant Conservation in India – conducted by PG And Research Dept., of Botany, Saraswathi narayanan college (Autonomones) madurai. Paper Entitled “**Evaluation of antimicrobial potential of *Gandoerma* sps from courtallum hills, western ghats.**

30th and 31st March 2015 - DST – SERB Sponsored **National Conference** on recent advances in industrial biotechnological skills development (RAI B S D E 2015) - conducted by post graduate and research department of botany, Thiyagarajar college, madurai. paper entitled “**Mass production and methods of application of biofertilizers and biopesticides in the current scenario**”.

21st Sept 2007 attended **State level seminar** on “Social applications of Biotechnology” sponsored by VHNSN college, Dept., of BotanyVNR.

27th feb 2008 attended **State level seminar** on “Diabetic care” organized by Dept., of Botany, Sri Parasakthi College for woman, Courtallam.

26th sept., 2008 **National Seminar** on” Quality Sustenance in Higher Education through Accreditation” conducted by IQAC, VHNSN COLLEGE, VNR.

20TH dec., 2010 **Interdisciplinary workshop** on Biosensors and their applications organized by Biomedical Research Lab, VHNSN COLLEGE,VNR-sponsored by DIPAS,DRDO-New Delhi.

8th feb., 2011 Awareness **workshop** on IPR –sponsored by PFC,TIFAC,DST New Delhi& PIC,TNSCST-Chennai, Dept., of botany and Microbiology, Lady Doak College, Madurai.

17th feb.,-19th feb., 2011 -**3 day training programme** on Competence Building for Young Teachers – Sponsored by UGC, organized by IQAC, VHNSN College, VNR.

9TH and 10th feb., 2012 –**National Seminar** “Cyclonic Changes and its impact on Marine Biodiversity “VHNSN College, VNR, Sponsored by Ministry of Earth Sciences, Govt., of India, New Delhi.

I have participated in a **training program** on “computer hardware and system maintenance” conducted under the sponsorship of instrument maintenance facility UGC New Delhi from 5th march to 13th march 2012 at VHNSN collage Virudhunagar.

30th and 31st jan., 2014 – **National Seminar** on “Nutraceutical and Therapeutic Value of Traditional foods” catalyzed by TNSCST, CSIR &UGC, held at Lady Doak College, Madurai.

21.1.2015 to 23.1.2015- **3 day training programme** on “Employability Skills” sponsored by RGNIYD, Chennai, conducted by VHNSN College, VNR.

21.1.2016 to 23.1.2016- **3 day training programme** on “women empowerment” sponsored by RGNIYD, Chennai, conducted by VHNSN College, VNR

26.02.2016 and 27.02.2016- 2 day awareness programme on “social roots of gender violence in India – processes related to economic, social and cultural transformation among women,sponsored by RGNIYD, Chennai, conducted by VHNSN College, VNR.

28.09.2016-ATTENDED A SPECIAL LECTURE ON Diseases of Crops-Department of Plant Pathology, AC&RI, Madurai.

23rd February 2017, attended the regional seminar on”Recent Trends in Plant Sciences”Lady Doak College, Madurai.

Papers Presented

20th and 21st August 2009 - **National seminar** on Implication of Biotechnology in Conservation of Biodiversity and presented a paper entitled Endangered and Endemic Flora and fauna conducted by Dept., of Plant Biology and Plant Biotechnology, Govt., Arts College, Udhamandalam.

The research paper entitled” A novel endophytic fungus Pestalotiopsis sp., inhabiting Pinus caneriensis with anti-microbial Potential has been **accepted** for **Poster Presentation** at **International Mycological Congress held at Edinburgh, UK** held between 1-6th august 2010.

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Botany, Saraswathi narayanan college (Autonomones) madurai. Paper Entitled “**Evaluation of antimicrobial potential of Gandoerma sps from courtallum hills, western ghats.**”

30th and 31st March 2015 - DST – SERB Sponsored **National Conference** on recent advances in industrial biotechnological skills development (RAI B S D E 2015) - conducted by post graduate and research department of botany, Thiyagarajar college, madurai. paper entitled “**Mass production and methods of application of biofertilizers and biopesticides in the current scenario**”.

Research Publications:

1. **Bagyalakshmi**, Thalavaipandian A, Ramesh V, Rajendran A. Cytotoxic activities of dichloromethane extract of *Pestalotiopsis* sp. against human cancer cell lines. *International Journal of Advanced Life sciences* 2012, 5:98-103.

2. Thalavaipandian A, Subbulakshmi GK, Ramesh V, **Bagyalakshmi**, Rajendran A. Endophytic mycobiota associated with selected gymnosperms. *Research journal of biological sciences* 2012, 4: 27-37.

3. Subbulakshmi GK, Thalavaipandian A, Ramesh V, **Bagyalakshmi**, Rajendran A. Bioactive endophytic fungal isolates of *Biota orientalis* (L) Endl., *Pinus excelsa* Wall. and *Thuja occidentalis* L. *International Journal of Advanced Life sciences* 2012, 4: 9-15.

4. **Bagyalakshmi**, Thalavaipandian A Ramesh V, Rajendran A. A novel endophytic fungus *Pestalotiopsis* sp. Inhabiting *Pinus canerensis* with antibacterial and antifungal potential. *International Journal of Advanced Life sciences* 2012, 1: 1-7.

5. A. Thalavaipandian, V. Ramesh, **Bagyalakshmi**, S. Muthuramkumar, A. Rajendran. Diversity of fungal endophytes in medicinal plants of Courtallam hills, Western Ghats, India. *Mycosphere*, 2011, 2: 575-582.

6. A. Thalavaipandian, U.S.E. Arivudainambi, **Bagyalakshmi**, A. Rajendran. Antimicrobial Potential of Endophytic Fungus *Colletotrichum gloeosporioides* Associated with *Madhuca longifolia* L. *Advances in Applied Research*, **2011, 1:1-7**

7. V.Mathan Kumar, M.Ram Kumar, **Bagyalakshmi**, Traditional knowledge on the folk lore medicines of herbal origin in the districts of Tamilnadu *International Journal of Research in Engineering and Bioscience* vol.1 issue 4 ISSN 2321-734X

8. Meenatchi .A, Ramesh V, **Bagyalakshmi**, Shanmugaiah. V, A. Rajendran. Climatic Dependency On The Diversity and distribution of Endophytic fungi from *Rauvolfia Tetraaphylla* of Western Ghats. *International Journal of current science research* vol.2 issue 4 April 2016, PP- 548 to 558 ISSN: 2454-5422

9. Meenatchi .A, Ramesh V, **Bagyalakshmi**, Kuralarasi .R, Shanmugaiah. V, A. Rajendran. Diversity of Endophytic Fungi from Ornamental Plant Adenium Obesum. Studies in Fungi 1 (1): 34 to 42, 2016. ISSN : 2465- 4973.

10. **Bagyalakshmi**, Ramesh V, Kuralarasi .R, Shanmugaiah. V, A. Rajendran. Diversity and Characterization of Indigenous Mushroom species from Tropical Evergreen Forest of Kuttralam Hills, Western Ghats, TamilNadu. Journal of Basic and Applied Mycology. vol12(11, 2016) ISSN: 0972-7167. PP 98-103.

Invited Lectures Delivered:

ResourcePerson

NSS 2009 – 2010 - between 25.09.2009 and 01.10.2009 at P.KUMARALINGAPURAM, VALLIYOOR. At HINDU MIDDLE SCHOOL acted as aResource person and delivered a talk on “ HERBAL MEDICINE.

21st and 25th NOVEMBER . 2011 – served as resource person in the TNSCST sponsored.

“INSERVICE TRAINING PROGRAMME FOR SECONDARY GRADE SCIENCE TEACHERS OF VIRUDHUNAGAR DISTRICT held at VHNSN college,VIRUDHUNAGAR.

25th January, 2017, delivered a lecture on”LESSONS FROM NATURE” at V.V.V.college, virudhunagar.