

Name: R.Sanjay

Designation: Assistant Professor

Department: Botany

Date of Joining: 08.07.2006

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Educational Qualification:

Degree	Subject	College / University & Place	Year Completed
Ph.D	Plant Pathology	Bharathiar University, Coimbatore	2005
M.Sc	Botany	The American College, Madurai	1996

Specialisation in Teaching: Microbiology, Mycology, Morphogenesis

Specialisation in Research: Plant Pathology

Research Interests: Mycology, fungal endophytes

Other Work Experience:

Designation	Institution / Company	Year - From (month/year) To (month/year)
Assistant Botanist	UPASI Tea Research Institute, Valparai, Coimbatore, Tamil Nadu	Nov. 2004 – July 2006
Assistant Advisory Officer	UPASI Tea Research Institute, Regional Centre, Vandiperiyar, Kerala	Dec. 1997 – Nov. 2004
Senior Research Fellow	UPASI Tea Research Institute, Valparai, Coimbatore, Tamil Nadu	Oct. 1996 – Dec. 1997

Membership in Professional Bodies:

Mycological Society of India - Life member (LM – 11-13)

Publications:

International Journals:

Sanjay R., Esakkiraja E and Duraipandi A. 2018. Biocontrol and growth promotion activity of endophytic *Aspergillus spp.* From mango (*Mangifera indica*). *Asian Journal of Microbiology, Biotechnology and Environmental sciences*. vol. 20(2):pp 513-517

Sanjay,R., Ponmurugan,P. and Baby,U.I. 2008. Evaluation of fungicides and biocontrol agents against grey blight disease of tea in the field. *Crop Protection*, 27: pp 689–694 (Elsevier journal – Impact factor: 1.99)

National Journals:

Kennath, A.A., Sanjay,R and Palanivelu,P. 2014. Evaluation of correlation between Salivary pH and prevalence of dental caries in subjects with and without Diabetes mellitus. *Research Journal of Recent Sciences*, Vol.3:224-226

Joshi.S.D., **Sanjay,R.**,Baby.U.I. and Mandal,A.K.A. 2009. Molecular characterization of *Pestalotiopsis spp.* associated with tea (*Camellia sinensis*) in Southern India using RAPD and ISSR markers. *Indian Journal of Biotechnology*,8: pp 377-383.

Sanjay,R. and Baby,U.I. 2007 Physiological and biochemical changes in tea leaves due to *Pestalotiopsis* infection. *Journal of Plantation crops*, 35(1): 15-18

Baby,U.I. and **Sanjay,R.** 2006 Seasonal incidence and economic importance of grey blight disease of tea. *Journal of Plantation crops*, 34(1) : 66-67

Babu.S.,VictorJ Ilango,R. and **Sanjay,R.** 2006 Early identification of promising tea clones *Camellia sinensis* (L) O. Kuntze based on genetic divergence studies. *Journal of Plantation crops*, 34(3) : 171-174

Selvasundaram,R., Sasidhar,R., **Sanjay,R.** and Muraleedharan,N.2004 Seasonal abundance of Thrips and crop loss in tea. *Journal of Plantation crops*, 32(3) : 49-52

Prem kumar,R., **Sanjay,R.** and Ponmurugan,P. 2002 Forecasting of blister blight disease of tea. In: Plantation Crops research and development in new millennium. *Proceedings of PLACROSYM XIV*. pp 535-540.

Sanjay,R. and Baby,U.I. 2005 Grey blight disease in tea. *Planters' Chronicle*: 101(11)

Sasidhar,R and **Sanjay,R.** 2000 Cultural control of Tea Mosquito Bug. *News Letter, UPASI Tea Research Foundation*: 10 (1)

Babu,A., Sasidhar,R and **Sanjay,R.** 2002 Efficacy of *Verticillium lecanii* against Thrips, *News Letter, UPASI Tea Research Foundation*: 12 (1)

Sanjay,R., Baby,U.I., Sasidhar,R. and Prem kumar,R. 2003 Impact of harvesting methods on grey blight incidence, *News Letter, UPASI Tea Research Foundation*:13(1)

Sanjay,R., Baby,U.I., Sasidhar,R. and Prem kumar,R. 2004 Control of grey blight disease in tea. *News Letter, UPASI Tea Research Foundation*: 14(1)

Baby,U.I. and **Sanjay,R.** 2004 Economic threshold level of grey blight disease *News Letter, UPASI Tea Research Foundation*:14(2)

Baby,U.I, PremKumar,R., Ajay,D., **Sanjay,R.**, and Sasidhar,R. 2004 Chemical and Biological control of Red root disease. *News Letter, UPASI Tea Research Foundation*: 14(2)

Books:

Studies on *Pestalotiopsis* spp. affecting tea in Southern India. 2017. Lambert Academic Publishing. Germany. ISBN 9783330337213.

Presentations in Conferences / Seminars :

1. Presented a paper titled “**Studies on endophytic fungal diversity of mango (*Mangifera indica* L) from Madurai region**” at National Conference on New opportunities and Challenges in Microbial Research, during September 5- 6th, 2013 at Bharathidasan University, Tiruchirappalli. Tamil Nadu.

2. Presented a poster titled “**Secondary metabolite production and antagonistic activity of the endophytic *Trichoderma* spp. from Mango (*Mangifera indica* L.)**” in the National Conference on Frontier vistas in modern biotechnology 2013 on December 12th 2013, at The American College, Madurai, Tamil Nadu.

3. Presented a poster titled “**Biocontrol potential and secondary metabolite production by endophytic *Trichoderma* spp. from mango (*Mangifera indica* L.)**” in National Conference organized by Annamalai University and Mycological Society of India, during 27-28th February 2014 at Annamalai University, Chidambaram, Tamil Nadu.

4. Presented a paper titled “**Studies on endophytic *Aspergillus* Spp. from mango (*Mangifera indica* L.)**” in National Symposium on Mycological Research – Emerging Trends, applications and prospects and 41st Annual Meeting of Mycological Society of India, during 23-24th February 2015 at Punjabi University, Patiala, Punjab.

5. Presented a paper titled “**Secondary metabolite production and antagonistic activity of endophytic *Chaetomium globosum* Kunze**” in National Conference on Emerging Trends In Fungal Biology and Plant Protection and 42nd Annual Meeting of Mycological Society of India at Centre of Advanced Study in Botany, Banaras Hindu University, Varanasi during February 16-18, 2016

6. Presented a paper titled “**Screening of industrially important enzyme production by lignicolous fungi *Daldinia eschscholzii* (Ehrenb.:Fr.) Rehm.**” in the International Conference on “Recent Trends in Microbiology (RTM-2016)” organized by Department of Microbiology, Alagappa University, Karaikudi held on 20th and 21st December 2016.

7. Presented a paper titled “**Research as an Integral Component in Tertiary Learning**” in the NAAC sponsored National Conference on “Strategies of Quality Initiatives, Enhancement

and Sustenance in Higher Education” organized by Internal Quality and Assurance Cell, The American College, Madurai during 21-22nd February 2017.

8. Presented a poster titled “**Characterisation and Screening for hydrocarbon production by *Daldinia eschscholtzii***” in International Symposium on Fungal Biology: Advances, Applications and Conservation and 45th Annual Meeting of Mycological Society of India at MACS Agharkar Research Institute, Pune, during November 19-21, 2018.

9. Presented a poster titled “**Macrofungal diversity of the American College Campus, Madurai, Tamil Nadu**” in First International Conference on Contemporary Research trends in Mycology and Mycotechnology-2019, Organised by Mother Teresa Women’s University, Kodaikanal during January 24-25th 2019.

10. Presented a paper titled “**Embedding Systems Approach in Higher Education Management**” in National Conference On Quality Enhancement And Sustenance In Higher Education” organized by Internal Quality Assurance Cell, The American College, Madurai. on 6th March 2020

Doctoral Students

Completed:

Name of the student	Title of the thesis
Co guide for Dr. A. Sri Kennath J Arul (Regn. No. P8712), Madurai Kamaraj University	Dental Caries: Profiling of associated complex bacterial population, its antimicrobial susceptibility, biofilm forming ability and its correlation with salivary pH and Diabetes mellitus

UGC Sponsored Major Projects:

Title	Year of Award	Amount Awarded	Status of the project- Completed /Ongoing	Co-investigator, if any
Studies on fungal endophytes of mango and their potential use as biological control agents	2011 to 2014, (3years)	8.21 lakhs	Completed	-

Other Activities / Academic Credentials:

Awarded second prize for best presentation of paper in Dr. C.S. Venkata Ram Memorial Colloquium XIV held at UPASI TRF on October 2005

Seminars / Conferences attended:

1. Inter Collegiate Green Wave Celebrations on Biodiversity – Conservation and Management DST FIST sponsored at Lady Doak college, Madurai, 13-14th Aug. 2010

2. International workshop on Climate change at Thiagaraja College of Engineering, Madurai on 6th April 2012
3. National seminar of the Second Indian Biodiversity congress at Bengaluru from 9-11th December 2012
4. National seminar on Current perspectives of fungi in healthcare and Environment, at Department of Microbiology and Biotechnology, Bangalore University, Bangalore on 13th and 14th March 2013.
5. National Conference on “Frontier vistas in modern biotechnology 2013” on December 12th 2013, Department of Immunology & Microbiology, The American College, Madurai, Tamil Nadu.
6. National Conference on “New opportunities and Challenges in Microbial Research” during September 5- 6th, 2013 at Bharathidasan University, Tiruchirappalli. Tamil Nadu.
7. National Conference on “Fungal diversity and Biotechnology for food and chemicals” and 40th Annual meeting of the Mycological Society of India, during 27-28th February 2014 at Annamalai University, Chidambaram, Tamil Nadu
8. National Symposium on Mycological Research – Emerging Trends, applications and prospects and 41st Annual Meeting of Mycological Society of India, during 23-24th February 2015 at Punjabi University, Patiala, Punjab.
9. National Conference on Emerging Trends In Fungal Biology and Plant Protection and 42nd Annual Meeting of Mycological Society of India at Centre of Advanced Study in Botany, Banaras Hindu University, Varanasi during February 16-18, 2016
10. Attended National Workshop on ‘Taxonomy, Biodiversity, Ex situ Conservation and Applications of Fungi’ Conducted by National Fungal Culture Collection of India – DST Facility, Pune during 22-24th November 2018.
11. Attended “Advanced Separation and Detection Seminar” organized by Agilent Technologies India Pvt.Ltd. in Madurai on 5th September 2018.
12. Attended National Workshop on ‘Network Biology’ Conducted by DBT-Bioinformatics Centre, Lady Doak College, Madurai during 27-28th February 2019.
13. Attended workshop on “Science Through Inquiry & Research (STIR-19) ” organised by Bishop Heber College (Autonomous), Tiruchirappalli in Collaboration with United Board for Christian Higher Education in Asia (UBCHEA) during 17-18th October 2019.
14. Participated in virtual mode workshop on “Science Through Inquiry & Research (STIR-21)” organised by Bishop Heber College (Autonomous), Tiruchirappalli in Collaboration with United Board for Christian Higher Education in Asia (UBCHEA) during 24-26th June 2021.

Gene sequence submission: Submitted *Daldinia eschscholtzii* (ACD01) Gene sequence at NCBI Genbank bearing accession no. KX122024.1