

Dr. A.EGBERT SELWIN ROSE

Associate Professor of Botany

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Academic Qualification

PhD, Department of Botany, St. Joseph's College, Tiruchirappalli. Bharathidasan University, 2009.

MPhil, Centre for Environmental Studies, College of Engineering, Anna University, Guindy, Chennai. 1993.

MSc, Department of Botany, Scott Christian College, Nagercoil. Madurai Kamaraj University, 1991.

Specialization

Plant Systematics
Plant Physiology
Molecular Biology

Area of Research

Plant-microbe interactions

Work Experience

Institution	Designation	Period		Total Years
		From	To	
Yelagiri Mat.Hr.S.S.	PGT	15.4.1993	14.4.1994	1
Md.Sathak College of Arts & Science	Lecturer	15.4.1994	14.4.1995	1
Loyola College Chennai	Lecturer	15.4.1995	30.5.1999	4
St Joseph's College Tiruchirappalli	Asso. Professor	20.06.2001	Till date	17

Training Attended

Three phase training programme on SOFT SKILLS organized by JAZZ, St. Joseph's College, Tiruchirappalli (August 2012 to October 2012).

Orientation Training on Management Development Programme – I organized by Loyola college, Jesuit Province Professional Training Committee and Jesuit Higher Education from 23.11.2012 to 29.11.2012.

Orientation Training on Management Development Programme – II organized by Loyola college, Jesuit Province Professional Training Committee and Jesuit Higher Education from 23.11.2012 to 29.11.2012.

Resource person

'Soft Skill for UG Programme' organized by JASS, St. Joseph's College, Tiruchirappalli during 2012.

'Soft Skill for Empowerment' a special program for girl students and students of

special needs organized by Equal opportunity cell, Placement cell and student's council of St. Joseph's College, Tiruchirappalli on 04th and 05th of February 2013.

DST sponsored 2nd NATIONAL CONFERENCE ON EMERGING TRENDS AND NEW CHALLENGES IN BIOTECHNOLOGY-A MULTIDISCIPLINARY APPROACH organized by the Department of Biotechnology, MGR College, Hosur, Tamil Nadu India on February 19th and 20th 2014.

Special lecture on SELF ESTEEM to the students of Government Arts College, Thuvakudimalai, Tiruchirappalli on August 12, 2014.

'Soft Skill for UG Programme' organized by JASS, St. Joseph's College, Tiruchirappalli during 2014.

NATIONAL SYMPOSIUM ON BIOTECHNOLOGY FOR SUSTAINABLE DEVELOPMENT organized by the Department of Biotechnology, AnnaiVelankanni College, Tholayavattam, Karungal, Kanyakumari District on September 12, 2014.

One day workshop on PLANT TAXONOMY KEY PREPARATION organized by the Department of Botany, St. Joseph's College, Tiruchirappalli on September 26, 2014.

'Soft Skill for UG Programme' organized by JASS, St. Joseph's College, Tiruchirappalli during 2015.

Papers published

IN VITRO DETERMINATION OF ANTIBACTERIAL ACTIVITY OF *LEPIDAGATHIS CRISTATA* WILLD in the International Journal of Research in Engineering and Bioscience Vol 1: 76 – 81, 2013.

STUDIES ON THE MYCORRHIZAL ASSOCIATION OF *RHODEDENDRON ARBOREUM* Sm. *NILAGIRICUM* (Zenker) Tagg. In the International Journal of Tropical Ecology Vol 57(1): 69-76, 2016.

STATUS OF ARBUSCULAR MYCORRHIZAL FUNGI IN TREE SPECIES FROM EASTERN GHATS OF TAMIL NADU, INDIA. International Journal of Science and Research 6: 415, 2017.

ARBUSCULAR MYCORRHIZAL FUNGI ASSOCIATED WITH SOME AGROFORESTRY TREE SPECIES FROM EASTERN GHATS OF TAMIL NADU. Indian Journal of Scientific Research 20(2): 2018.

Papers Presented

ASSESSMENT OF MYCORRHIZAL STATUS IN THE FERNS OF KOLLI HILLS in a National Conference on Biodiversity and Climate Change Adaptations- Current Status, Trends and Policy responses organized by Department of Botany, St. Andrew's College, Gorakhpur, UP on December 3rd & 4th 2014.

COLONIZATION PATTERN OF ARBUSCULAR MYCORRHIZA IN SOME TREE SPECIES OF TANNERY POLLUTED SOIL in a national Symposium on recent advances in medicinal and aromatic plants organized by the Department of Botany,

St. Joseph's College, Tiruchirappalli on February 05, 2014.

MORPHOLOGY OF ARBUSCULAR MYCORRHIZA IN SELECTED TREE SPECIES OF TIRUCHIRAPPALLI in a national Symposium on recent advances in medicinal and aromatic plants organized by the Department of Botany, St. Joseph's College, Tiruchirappalli on February 05, 2014.

**Seminars,
Symposia and
Workshops
attended**

Regional workshop on HISTOCHEMISTRY organized by Department of Botany, St. Joseph's College, Tiruchirappalli on 18th October 2012.

International Conference on SUSTAINABLE UTILIZATION, MANAGEMENT AND CONSERVATION OF BIORESOURCES organized by the Department of Botany, St. Joseph's College, Tiruchirappalli on 10th & 11th January 2013.

State level workshop on PHARMACOGNOSTICAL SCREENING OF MEDICINAL PLANTS organized by the Department of Botany, St. Joseph's College, Tiruchirappalli on 4th March 2013.

State level workshop on MICROBIOLOGICAL AND PHYTOCHEMICAL TECHNIQUES organized by Department of Botany, St. Joseph's College, Tiruchirappalli on 18th December 2013.

National Conference on ADVANCES IN BIOLOGY (NCAB-2014) organized by the School of Biological Sciences, St. Joseph's College, Tiruchirappalli on 6th and 7th January 2014.

National Symposium on RECENT ADVANCES IN MEDICINAL AND AROMATIC PLANTS (NASYMP'14) organized by the Department of Botany, St. Joseph's College, Tiruchirappalli on February 05, 2014.

National Conference on EMERGING TRENDS AND NEW CHALLENGES IN BIOTECHNOLOGY- A MULTIDISCIPLINARY APPROACH organized by Department of Biotechnology, MGR College, Hosur on 19th & 20th February 2014.

State level workshop on PLANT TAXONOMY organized by the Department of Botany, St. Joseph's College, Tiruchirappalli on February 26th, 2014.

State level workshop on VERMI CULTURE TECHNIQUE organized by the Department of Botany, St. Joseph's College, Tiruchirappalli on 12th December 2014.

State level workshop on PLANT TISSUE CULTURE TECHNIQUES organized by the Department of Botany, St. Joseph's College, Tiruchirappalli on 22nd December 2014.

Science Academies Lecture workshop on PROSPECTS AND CHALLENGES IN STEM CELL RESEARCH organized by the Department of Biotechnology, St. Joseph's College, Tiruchirappalli on January 12th, 2015.

Science Academies Lecture workshop on VISTAS IN BIOSCIENCES organized by

the Department of Botany, St. Joseph's College, Tiruchirappalli on January 30th&31st, 2015.

National Symposium on RECENT ADVANCES IN MEDICINAL AND AROMATIC PLANTS (NASYMP'15) organized by the Department of Botany, St. Joseph's College, Tiruchirappalli on February 05, 2015.

Dr.V.BALAKRISHNAN MEMORIAL CME PROGRAMME organized by the Department of Biotechnology, St. Josephs' College, Tiruchirappalli on March 05, 2015.

State level seminar on HIGHER EDUCATION IN NEW EDUCATION POLICY-CHALLENGES & PROSPECTS organized by Joint Action Council of College Teachers, Tamil Nadu on December 03, 2015.

INTERNATIONAL SCIENTIST MEET organized by Department of Biotechnology, St. Josephs' College, Tiruchirappalli on December, 15, 2015.

Seminar on NANOSCIENCE AND TECHNOLOGY organized by the Department of Botany, St. Josephs' College, Tiruchirappalli on January 20, 2016.

State level Work shop on PLANT TISSUE CULTURE TECHNIQUES organized by the Department of Botany, St. Josephs' College, Tiruchirappalli on February 03, 2016.

Science Academies' lecture on BIOPROSPECTING AND BIORESOURCES organized by the Department of Botany, St. Josephs' College, Tiruchirappalli on February 10-12, 2016.

Seminar on BIOINFORMATICS: CHALLENGES & APPLICATIONS organized by the Department of Botany, St. Josephs' College, Tiruchirappalli on February 15, 2016.

Seminar on GLOBAL FOOD SECURITY AND THE ROLE OF BIOTECHNOLOGY IN SUSTAINABLE FOOD SYSTEM AND NUTRITION organized by the Department of Biotechnology, St. Joseph's College, Tiruchirappalli on January 05, 2017.

Workshop on PLANT TISSUE CULTURE TECHNIQUES organized by the Department of Botany, St. Joseph's College, Tiruchirappalli, February 08, 2017.

Symposium on MEDICINAL AND AROMATIC PLANTS organized by the Department of Botany, Biochemistry and Biotechnology St. Joseph's College, Tiruchirappalli, February 15, 2017.

Research supervision

PhD

Name	Ref number	Topic
JeyanthPremkumar A	45936/Ph.D.1/Botany/ January 2012/Dt.8.5.12	Studies on the algal diversity from fresh water ponds of Kanyakumari district.

Vinod Ponpandian S	32838/Ph.D.-K1/Botany/Full time/October2012/Dt.8.10.12	Studies on the AM fungal diversity of tree species of Pachamalai Hills.
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Doctoral Committee Member

Name	Ref number	Institution & University
Baskaran, A	2763/Ph.D.K1/Botany/Full time/April 2014/Dt.4.4.14	Bishop Heber College Bharathidasan University
Karthikeyan, V	2762/Ph.D.K1/Botany/Full time/April 2014/Dt.4.4.14	Bishop Heber College Bharathidasan University
MaajithaBegam	6609/Ph.D.1/Botany/Part time/April 2012/Dt.28.6.12	Jamal Mohamed College Bharathidasan University
Delphin Sonia, M	31012/Ph.D.K1/Botany/Part time/October 2012/21.11.13	Bishop Heber College Bharathidasan University
Rashmi, S	49289/Ph.D.K1/Botany/Part time/April 2013/Dt.21.11.13	Bishop Heber College Bharathidasan University

Member Board of studies

St. Joseph's College, Tiruchirappalli, from 2001.
Bishop Heber College, Tiruchirappalli, from 2018.

