

## STAFF PROFILE

- 1) Name : Dr Sincy Joseph
- 2) Designation : Assistant Professor, Department of Botany, Nirmala College for Women, Coimbatore-18.
- 3) Department : Botany
- 4) Qualification : M.Sc., P.hD
- 5) Experience : Teaching : 7 Research : 12
- 6) Area of Specialization (s) : Plant Tissue culture, Phytochemistry, Pharmacology.
- 7) E-mail : tjsincy@gmail.com
- 8) Academic Qualifications : M.Sc., P.hD
- 9) Additional Qualifications : Fellowship received- University Research Fellow - three years (1/4/2010-31/3/2013)

Diploma/ Vocational/ Certification	Area of Specialization	Institution/ University/ Agency Name	Year
Computer Course in Office Management	Office Management	Providence College for Women, Coonoor.	2006
Certified course in Travel and Tourism	Tourism	Providence College, Coonoor	June 2003 to October 2003
Certificate of Appreciation for active participation and service in All India Catholic University Federation	AICUF	Providence College, Coonoor	2003-2006

### 10) Research Publications

1. Lekha.K, **Sincy Joseph**, Narmatha Bai.V, Micropropagation of *Tigridia pavonia*(L.F.) D.C-a potential floricultural plant from twin scale explants. Asian Pacific Journal of Reproduction, Impact factor **0.8**

2. **Dr.Sincy Joseph**, Evaluation of antidiabetic activity of *Strobilanthes cuspidata* in alloxan induced diabetic rats on alpha amylase enzyme. Journal of Pharmacognosy and Phytochemistry, 2015, 4(4) ISSN 2278-4136. Impact factor **5.7**
3. **Dr.Sincy Joseph**, Lekha.K, Narmatha Bai.V, Micropropagation of *Cyrtanthus mackenii* Hook. f. -from tri scales. European Journal of Biotechnology and Bioscience , ISSN: 2321-9122, Impact Factor: RJIF **5.44**,Volume 4; Issue 8; May 2016; Page No. 67-72
4. Vaiga M, **Sincy Joseph**, Identification of mangrove and mangrove associates in Kannur district of Kerala including their economic – ecological linkages . International Journal of Botany Studies, ISSN: 2455-541X, Impact Factor: RJIF **5.12** ,Volume 1; Issue 5; July 2016; Page No. 22-31
5. Pavizham Poovathur, **Sincy Joseph**. An Ethnopharmacological survey on medicinal plants from sacred grove of Sree Puthiya Bhagavathi Temple, Kalloori, Kannur (Dist), Kerala. International Journal of Advanced Science and Research ISSN: 2455-4227, Impact Factor: RJIF **5.12**, Volume 1; Issue 8; August 2016; Page No. 24-35
6. **Dr.Sincy Joseph**, Evaluation of antioxidant activity and cytotoxicity of *Strobilanthes cuspidata* Benth.T.Anderson. E-Conference-International Journal of Academic Science & Research (EIJASR). South American Journal of Academic Research,Special Edition May 2016.
7. Nimisha M , **Sincy Joseph**, Impact of air pollution and leaf dust deposition on biochemical parameters and air pollution tolerance index (APTI) of some road side plant. International Journal of Botany Studies, Volume 4; Issue 2; March 2019; Page No. 110-114
8. Amitha TV , **Sincy Joseph**, Morphological, anatomical and phytochemical screening of *Sida acuta*, Burm. F.; Kannur district, Kerala, International Journal of Botany Studies ,Volume 4; Issue 3; May 2019; Page No. 01-03
9. Kaveri CM , **Sincy Joseph**, Comparative analysis of phytochemical and antibacterial activity of ginger (*Zingiber officinale*, Rosc.) and fenugreek (*Trigonella foenum-graecum*, L.) International Journal of Botany Studies, Volume 4; Issue 2; March 2019; Page No. 100-103
10. Amrutha N Divakaran , **Sincy Joseph**, Melissopalynological analysis of honey samples collected from Nilambur Taluk in Malappuram district, Kerala, International Journal of Botany Studies, Volume 4; Issue 3; May 2019; Page No. 20-22
11. Bincy P , **Sincy Joseph**, Study of anatomical and morphological features, phytochemical screening and antibacterial activity of *Cassia fistula*, Linn. International Journal of Botany Studies, Volume 4; Issue 2; March 2019; Page No. 104-106

12. Kavya V, **Sincy Joseph**, Suga Bharathi M, Anjali KM, Kavya V, Reshma Rajeev K, Neethu EK, Preliminary phytochemical and biochemical analysis of *Thespesia populnea*, Cav., International Journal of Research in Pharmacy and Pharmaceutical Sciences, Volume 3; Issue 3; May 2018; Page No. 16-18.
13. Neethu EK, **Sincy Joseph**, Reshma Rajeev K, Kavya V, Anjali K M, Suga Bharathi M, Preliminary phytochemical and biochemical analysis of *Carica papaya* Linn. (Seed) International Journal of Research in Pharmacy and Pharmaceutical Sciences, Volume 3; Issue 3; May 2018; Page No. 19-22.
14. Reshma Rajeev K, **Sincy Joseph**, Neethu Ek, Kavya V, Anjali Km, M Suga Bharathi, Preliminary phytochemical and biochemical analysis of *Hemigraphis colorata* H.G. Hallier, International Journal of Research in Pharmacy and Pharmaceutical Sciences, Volume 3; Issue 3; May 2018; Page No. 05-09
15. Anjali KM, **Sincy Joseph**, Neethu EK, Reshma Rajeev K, Kavya V, M Sugbharathi, Preliminary phytochemical, physicochemical and biochemical analysis in seeds of *Artocarpus heterophyllus* lam International Journal of Research in Pharmacy and Pharmaceutical Sciences, Volume 3; Issue 3; May 2018; Page No. 10-15
16. M Sugabharathi , **Sincy Joseph** , Anjali , Neethu, Reshma Rajeev , Kavya, Phytochemical and biochemical analysis of leaf, pulp and seed extracts of *Moringa oleifera*, lam, International Journal of Research in Pharmacy and Pharmaceutical Sciences, Volume 3; Issue 6; November 2018; Page No. 07-10
17. Nimisha P, **Sincy Joseph**, Assessment of Phycoremediation Efficiency of *Spirogyra maxima* using Heavy metals manganese and lead, International Journal of Environment, Agriculture and Biotechnology, 5(3), May-June, 2020: Page No. 616 – 620 (ISSN: 2456-1878).
18. Swathi BR, **Sincy Joseph**, Floristic composition and ethnomedicinal practices of Iriveri Sree Pulideva Temple, Kannur district, Kerala, International Journal of Botany Studies, ISSN: 2455-541X, Impact Factor: RJIF **5.12** ,Volume 2; Issue 3; May 2017; Page No. 16-24

## 11)PROCEEDINGS PUBLISHED

- 1) **Sincy Joseph**, Lekha Kumar, V. Narmatha Bai, Dhanapal S.P, Chitanya MVNL, January 2016, Isolation, Characterization and Antidiabetic Studies of Lupeol from *Strobilanthes cuspidata* (Benth.) T.Anderson, proceedings in National Conference on ‘Frontiers Contemporary Horizons in Bioinformatics and Computational Biology’

- 2) M.Dorai, **Sincy Joseph**, February 2007. A preliminary survey on tribal medicine and its conservation in National seminar in management and conservation of nature-Niligiri Biosphere Reserve(NBR).

## 12) Book Publications

1. **Dr. Sincy Joseph** (2018). Environmental studies -Ability Enhancement (Book chapter) Compulsory Course for Undergraduate courses UGC Module Syllabus Nirmala College for Women, Coimbatore, First edition-2018, ISBN: 978-81-939751- 0-7

## 13) Presentations in Conference

- **Abroad paper presentation-** Micropropagation of *Cyrtanthus mackenii* Hook.F.(Family-Acanthaceae) from triscales, 6-11<sup>th</sup> December 2015, International Congress on Botanical Research in Tropical Asia in Lao Plaza Hotel, Vientiane. National University of Laos, National Museum for Natural History and Institute for Research Development, Vientiane, Lao PDR
- **National**
  1. **Paper Presented on** “An Ethnopharmacological survey on medicinal plants from sacred grove of Sree Puthiya Bhagavathi Temple, Kalloori, Kannur, in the **National Conference** on “Future Trends in Marine Biotechnology” on 14&15 February 2019, at Vivekananda Kendra, Kanyakumari organized by the centre for Marine Sciences and Technology, Manonmaniam Sundaranar University, Rajamangalam, Kanyakumari, Tamilnadu
  2. **Paper Presented on** Micropropagation of *Cyrtanthus mackenii* Hook.F.(Family-Acanthaceae) from triscales on 6-11<sup>th</sup> December 2015 in **International Congress** on Botanical Research in Tropical Asia in Lao Plaza Hotel, Vientiane, organized by National University of Laos, National Museum for Natural History and Institute for Research Development, Vientiane, Lao PDR.
  3. **Acted as Rapporteur in the Technical session (Ecology)** in International Congress on Botanical Research in Tropical Asia, held between 6-11<sup>th</sup> December 2015 in Lao Plaza Hotel, Vientiane, Lao PDR., sponsored by National University of Laos, National Museum for Natural History and Institute for Research Development, Vientiane, Lao PDR.
  4. **Paper Presented on** A survey on medicinal plants used for the treatment of female disorders in Thalavadi, Erode(dist), Tamilnadu on 19-9-2016 in **International Conference** on converging biotechnological Innovations in Environmental Welfare and organized by Department of biotechnology, KSG College of Arts & Science, Coimbatore

- in collaboration with Organization for industrial ,spiritual and cultural advancement (OISCA),JAPAN
5. **Paper Presented on** Isolation,characterization and antidiabetic studies of lupeol from *Strobilanthes cuspidata* on 21 & 22-1- 2016 in **National Conference** in “Frontier Contemporary Horizons in bioinformatics and computational biology (BACB-2016)” organized by Department of Botany & Bioinformatics, Nirmala College for Women, Coimbatore sponsored by department of Biotechnology,Ministry of Science & Technology.
  6. **Paper Presented on** Identification of Mangrove and Mangrove Associates in Kannur District of Kerala including their Economic – Ecological linkages on 29-07-2016 in **National Seminar** on “Environmental History” organized by Post Graduate &Research Department of History, Nirmala College for Women, Coimbatore sponsored by ICHR.
  7. **Paper Presented on** “Preliminary survey on tribal medicine and its conservation” on 6 & 7 February 2007 in **National level Seminar** on “Management and Conservation of Nature Nilgiri Biosphere Reserve” organized by Department of Advanced Zoology & Biotechnology, Emerald Heights College for Women, Finger post,Udhagamandalam-643006.
  8. **Paper Presented on** Anatomical Studies of some aquatic plants grown in polluted water on 27<sup>th</sup> November 2019 in **Nirmala Annual Research Congress(NARC-2019)** organized by Internal Quality Assurance Cell, Nirmala College for Women, Coimbatore

#### **14)Participation in Conference, Seminar and Symposium**

1. **Participated in** National Seminar cum medicinal plant exhibition on “Complementary and Alternative Indian system of Medicine” on 1&2 Feb2019 organised by the Department of Botany and Bioinformatics,Nirmala College for Women,Coimbatore and Bharatheeya Nattuvaidya Samithy,Concordia University,Trivandrum.
2. **Participated in** National Conference on “**Futuristic intricate stratagems in computational genomics CGEN-2019**” on 24 & 25 Jan 2019 in Department of Botany and Bioinformatics, Nirmala College for Women, Coimbatore.
3. **Participated in** National Workshop cum exhibition on “**SIDDHA AND VARMA,KALARIPAYATU**” on 01 & 02 Feb 2019 in Department of Botany, Nirmala College for Women, Coimbatore.

4. **Participated in Faculty development program** on “**Statistical Analysis using SPSS**” on 14 DEC 2018 in Department of Botany and Bioinformatics, Nirmala College for Women, Coimbatore.
5. **Participated in** International Workshop on “**Glorious Global Plant**” on 18 Feb 2019 in Department of Botany , Nirmala College for Women, Coimbatore.
6. **Participated in One day seminar in** “**Recent trends in Applied plant sciences**” on 8 Feb 2017 organised by PG and Research Department of Botany, Nirmala College for Women, Coimbatore.
7. **Participated and Voluntered in GLOBAL TIGER DAY celebration on 20 July 2018,held at Clusters Institute of Media and Technology organised by NCS,WWF,Coimbatore.**
8. **Participated in** One day workshop on “**Dimensions in preparimg Effective Research Papers for International Journals**” on 5 Nov 2016 organised by the Research Forum,Sri Vasavi College,Erode.
9. **Participated in Science Academies lecture Workshop on** “**Glimpses of Plant Science**” on 2&3 Feb 2017 organised by PG and Research Department of Botany, Nirmala College for Women, Coimbatore
10. **Participated in Science Academies two day lecture Workshop on** “**Biodiversity and its Conservation**” on 17&18 July 2017 organised by Department of Botany, Bharathiar University, Coimbatore
11. **Participated in Faculty Development Program on** “**Effective elements of classroom Teaching**” on 21 AUG 2015 organised by PG and Research Department of Biotechnology and Microbiology, Hindusthan College for Arts and Science, Coimbatore.
12. **Participated in** National Seminar on “**Emerging trends in Biodiversity Conservation and sustainable utilization**” on 29 & 30 Jan 2014 in Department of Botany, Bharathiar University, Coimbatore
13. **Participated in** National Workshop on “**Intellectual Property Rights-Enlightment for Creative Minds**” on 1 & 2 August 2013 Department of Botany, Bharathiar University, Coimbatore
14. **Participated in** National Seminar on “**Current Scenario in Botanical Research**” on 13 December, 2013 in Department of Botany, Bharathiar University, Coimbatore

15. **Participated as a “DELEGATE” for “Indo-South Africa workshop on traditional Medicine System: Sharing Knowledge and Experience” on 29 & 31 October 2012 in JSS College of Pharmacy, Udagamandalam, Tamilnadu**
16. **Participated in National Workshop on “Intellectual Property Rights-Opportunities, Issues and Challenges” on 11&12 August 2011 in Department of Botany, Bharathiar University, Coimbatore.**
17. **Participated in Science Academics Lecture Workshop on “Prospects and Future Challenges in Plant Biotechnology” on 18 & 19 March 2011 in School of Biochemistry, Dr.G.R.Damdodaran College of Science, Avanashi Road, Coimbatore sponsored by Indian Academy of Sciences, Indian National Science Academy & The National Academy of Sciences.**
18. **Participated in Workshop on “Recent trends in Plant Science” on 8 & 10 February 2011 in Department of Botany, School of Life Sciences, Bharathiar University, Coimbatore**
19. **Participated in XX Annual Conference of Indian Association for Angiosperm “Taxonomy and International Symposium on Taxonomy, Plant Diversity and Conservation” on 26-27 November, 2010 in Department of Botany, Bharathiar University, Coimbatore**
20. **Participated in National Conference on Herbal Medicine in 8 & 9 September 2010 in Department of Botany, School of Life Sciences, Bharathiar University, Coimbatore**
21. **Participated in Patent Awareness Workshop on March 3, 2010 in Department of Botany, School of Life Sciences, Bharathiar University, Coimbatore Sponsored by Indian Academy of Sciences, Indian National Science Academy & The National Academy of Sciences**
22. **Participated in Workshop on “Botanical Techniques” on 3 & 4 March, 2011 in Department of Botany, School of Life Sciences, Bharathiar University, Coimbatore**
23. **Participated in National Seminar on “Issues and Challenges in Higher Education in the Globalized Era” on 26 & 27, February, 2007 in Government Arts College, Udthagamandalam-643002**
24. **Participated in National Seminar on “Biodiversity Conservation and Medicinal plant resources in biotechnological era” on 16 September 2005 in Department of Plant Biology & Biotechnology, Providence College for Women, Coonoor-643102**
25. **Participated in Hands on training on “Dimensions of preparing effective research papers for International Journals” on 15/11/2016 at Sri Vasavi College .**

26. **Participated in Global tiger day** 29th July 2018, Organied by NCS,WWF,Rotary mettupalayam,Clusters institute of media and Technology, Coimbatore.
27. **Participated in International video conference on “Current Scenario in Plant Sciences”** on 27th Sep, 2019 in sponsored by DBT STAR college Scheme organised by Department of Botany, Nirmala College for Women, Coimbatore
28. **Participated in Webinar on Impact of Covid-19 pandemic on Indian financial systems and services**, organised by Shri Ramswaroop Memorial University, Lucknow, UP on 6.5.2020
29. **Participated in Webinar on Diaster management in times of covid 19**, organised by Department of Geography, Nirmala College for Women, on 22.5.2020
30. **Participated in Webinar on Covid 19 on Global- Social Cultural Impact**, organised by Department of History, Providence College for Women on 15.5.2020
31. **Participated in Webinar on Micro and Nanotechnology and its applications**, organised by G T N Arts College, Dindigal on 14<sup>th</sup> May, 2020
32. **Participated in Webinar on Biosciences for Enriching human life**, organised by Department of Biochemistry & Microbiology, Sri Ramakrishna College of Arts and Science for Women, Coimbatore, on 14-17<sup>th</sup> May, 2020
33. **Participated in Webinar on Breaking barriers through brains**, organised by PG and Research Department of Maths, Nirmala College for Women, Coimbatore on 18-20<sup>th</sup> May, 2020
34. **Participated in Webinar on Plant molecular biology in space**, organised by Department of Botany & Bioinformatics, Nirmala College for Women, Coimbatore on 14th May 2020
35. **Participated in Webinar on 7 Gifts of Holy Spirit**, organised by Catechism & Moral Instruction Committee, Nirmala College for Women, Coimbatore on 15th to 26<sup>th</sup> June 2020
36. **Participated in Webinar on Biodiversity of Western Ghats**, organised by Department of Botany, PSGR Krishnammal College, Coimbatore, on 12<sup>th</sup> June 2020
37. **Participated in Webinar on Ayurveda for Womens Health**, organised by Department of Botany & Bioinformatics, Nirmala College for Women, Coimbatore on 10<sup>th</sup> June 2020
38. **Participated in Webinar on Joy of Orderly Living**, organised by Department of Commerce, Kaamadhenu Arts & Science College, Coimbatore on 5<sup>th</sup> May 2020
39. **Participated in Webinar on Core Competencies for Teachers**, organised by Arasu College of Education for Women, Karur, on 6<sup>th</sup> May 2020



40. **Participated in Webinar on Bio-Medical Textile A Sojourn from Fibers to fabrics,** organised by Ramakrishna College for Arts and Science, Coimbatore, on 14<sup>th</sup> May 2020
41. **Participated in Webinar on Functional Food and Nutraceuticals,** organised by Providence College for Women, Coonoor on 15<sup>th</sup> May 2020
42. **Participated in Webinar on Current Scenario, Scope and Challenges in Pharmaceutical Industry,** organised by Rai University, Ahmedabad on 19<sup>th</sup> June 2020

#### 15) Participation in Faculty Development Programme

1. **Participated in FDP on Phyton 3.4.3,** organised by Sri Krishna College of Technology Kovaipudur, Coimbatore-42 on 10<sup>th</sup> to 14<sup>th</sup> May 2020
2. **Participated in FDP on Moodle learning management system,** organised by Sri Akilandeshwari Womens College, Wandiwash on 20<sup>th</sup> April – 26<sup>th</sup> April,2020
3. **Participated in FDP on Systemic pandemic of Covid-19 in Educational sector,** organised by PG and Research Department of History, Nirmala College for Women, Coimbatore on 19<sup>th</sup> & 20<sup>th</sup> June 2020
4. **Participated in FDP on Challenges and Opportunities in Research,** organised by Department of Botany & Bioinformatics, Nirmala College for Women, Coimbatore on 23<sup>rd</sup> & 24<sup>th</sup> May 2020
5. **Participated in FDP on Effective Teaching Strategies & Wellness to overcome stress,** organised by Bishop Ambrose College, Coimbatore on 15<sup>th</sup> May 2020
6. **Participated in FDP on Challenges and Opportunities in Research,** organised by Department of Botany & Bioinformatics, Nirmala College for Women, Coimbatore on 23<sup>rd</sup> & 24<sup>th</sup> May 2020
7. **Participated in FDP on Effective Teaching Strategies & Wellness to overcome stress,** organised by Bishop Ambrose College, Coimbatore on 15<sup>th</sup> May 2020
8. **Participated in FDP on Challenges in Post Covid-19 from HR Prespective,** organised by Department of Management Studies, Bishop Ambrose on 26<sup>th</sup> May 2020

#### 16)Membership in Professional Bodies

<b>Name of Professional Body</b>	<b>Nature of Membership</b>	<b>Duration</b>
InSc(Institute of Professional Bodies)	Professional	Life time validity

17) Awards and Achievements

**Dr.Sincy Joseph** was awarded the “**DISTINGUISHED ALUMINA AWARD**” from **Providence College for Women,Coonoor,The Nilgiris** for valuable and committed service in Higher Education.