

## BIODATA

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**DATE OF BIRTH** : **28/11/1973**  
**EDUCATIONAL QUALIFICATIONS** : **M.Sc.(BOTANY), S.L.E.T.(BOTANY)**  
**PH.D. (BOTANY)**  
**PRESENT DESIGNATION** : **ASSOCIATE PROFESSOR**  
**WORK EXPERIENCE** : **Medical Representative (Glaxo Pharmaceuticals)**  
**14-6-1998 to 12-9-1999**  
**Assistant Professor (15.09.1999) till date**  
**SUBJECTS HANDLED** : **Plant Diversity**  
**Biochemistry**  
**Bioinformatics**  
**Ecology**  
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**Contribution to college apart from teaching** : **Placement Officer**  
**RRC/ YRC Coordinator**  
**Enviro Club Coordinator**  
**Dean of Sciences (June 2018 – till date)**

**Declaration:** I hereby declare that the information provided herewith is true to the best of my knowledge and I am responsible for the accuracy of the information provided.

(G. SAHAYA ANTHONY XAVIER)

### Papers published:

S. No.	Name of authors	Year	Title of the paper	Journal Name and Volume No.
1.	Sahaya Anthony Xavier, G., Harikrishnan, S., Sivasubramanian, S., Natarajan and Chelladurai, V.	2004	A study of <i>Terminalia arjuna</i> (Roxb.) Wight. and Arn (combretaceae) populations from Tirunelveli to Tiruchendur.	Proceedings of the National Workshop on Biodiversity Resources Management and Sustainable Use, Madurai Kamaraj University, Madurai, pgs. 179- 182.

2.	SrideviMeenakshi, V. and <b>Sahaya Anthony Xavier, G.</b>	2005	Pharmacognostic studies and antibacterial activity of <i>Kleiniagrandidiflora</i> (Wall. Ex. DC.) Rani.	Proceedings of the National Seminar on Bioprospecting of Bioresources, St. Xavier's College, Palayamkottai, pgs. 56 - 59.
3.	<b>Sahaya Anthony Xavier, G.</b> and Louis Jesudass, L.	2005	Impact of seaweed extracts on seed germination, seedling growth and pigment contents in cluster bean ( <i>Cymopsistetragonoloba</i> L.).	<i>Indian Journal of Botanical Research</i> , <b>1(2)</b> : 291 – 293.
4.	VimalJafee, J. and <b>Sahaya Anthony Xavier, G.</b>	2006	Effect of aqueous extracts of the bark of <i>Terminalia arjuna</i> (Roxb) Wight. and Arn. On the morphological parameters of three pulses.	<i>Indian Journal of Botanical Research</i> , <b>2(1)</b> : 69 – 74.
5.	VimalJafee, J. and <b>Sahaya Anthony Xavier, G.</b>	2006	Allelopathic effect of <i>Prosopis juliflora</i> SW (DC) leafextracts on germination, growth and pigment contents of green gram.	<i>Indian Journal of Botanical Research</i> , <b>2(2)</b> : 183-186.
6.	Bagavathy, S. and <b>Sahaya Anthony Xavier, G.</b>	2007	Effects of aqueous extract of <i>Eucalyptus globulus</i> on germination and seedling growth of sorghum.	<i>Allelopathy Journal</i> , <b>20(2)</b> : 395 – 402.
7.	<b>Sahaya Anthony Xavier, G.</b> and Louis Jesudass, L.	2007	Effect of seaweed extracts on cluster bean.	<i>Seaweed Res. Utiln.</i> , <b>29(1 and 2)</b> : 85 – 87.
8.	Gnana JeyaChithra, A and <b>Sahaya Anthony Xavier, G.</b>	2007	Effect of dairy factory effluent on the morphology and biochemical parameters of <i>Vignaradiata</i> (L.) Wilczek.	<i>Indian Journal of Multidisciplinary Research</i> , <b>3(2)</b> : 357-360.
9.	VimalJafee, J. and <b>Sahaya Anthony Xavier, G.</b>	2007	Allelopathic effect of <i>Prosopis juliflora</i> leafextracts on germination, growth and pigment contents of black gram.	<i>Indian Journal of Botanical Research</i> , <b>3(1)</b> : 185-188.
10.	<b>Sahaya Anthony Xavier, G.</b> and Natarajan, K.	2009	Ecology and distribution of medicinal trees <i>Terminalia chebula</i> Retz. And <i>T. bellirica</i> Roxb. From the Western Ghats of Tamil Nadu.	In: Proceedings of the National Conference on Climate Change and its impact on Biodiversity, St. Xavier's College, Palyamkottai, pg. 191-199.
11.	Johnson, M., <b>Sahaya Anthony Xavier, G</b> and D. Patric Raja.	2015	Medicinal plants phytochemistry and biopotency of seaweeds – a review.	<i>Modern Methods in Phytomedicine</i> . Ed. T. Parimelazhagan, Daya Publishing House, New

				Delhi.
12.	<b>Sahaya Anthony Xavier, G.</b>	2016	Variation in seed characters of <i>Terminalia chebula</i> Retz. From the Southern Western Ghats of Tamil Nadu.	<i>Kong. Res. J.3(1): 17 – 21.</i>
13.	Mary Kensa, V., <b>G. Sahaya Anthony Xavier</b> , A. Asha, B. Brintha, M. Pechiammal and B. Praveena.	2016.	Exploration of Ornamental Floras in the Campus of S. T. Hindu College, Nagercoil, Kanyakumari District, Tamil Nadu. India.	<i>Kong. Res. J.3(1):59-64.</i>
14.	<b>Sahaya Anthony Xavier, G.</b> , Sundhari, S., Mariammal, P., Vaishnavi, M and T. Vanitha	2016	A survey of <i>Isoetes coromandelina</i> L. f. populations in Tirunelveli District.	<i>Kong. Res. J.3(2):62-66.</i>
15.	<b>Xavier, G.S.A.</b> , Selvaraj, P. and Nida John	2016	Impact of phytoecdysone fractions of the ferns <i>Cyclosorus interruptus</i> , <i>Christella dentata</i> and <i>Nephrolepis cordifolia</i> on the biology of <i>Spodoptera litura</i> (Fab.)	<i>JBiopest, 9(2): 125-134.</i>
16.	V. SundaraPraba and <b>G. Sahaya Anthony Xavier</b>	2016	Effect of <i>Sargassum wightii</i> extracts on NaCl treated sorghum ( <i>Sorghum vulgare</i> L.)	<i>Seaweed Res. Utiln., Seaweed Res. Utiln., 38(2): 107 – 111.</i>
17.	V. Irudayaraj And <b>G. Sahaya Anthony Xavier</b>	2017	Morphology, Phytochemistry And Antifungal Activity Of The Sporangial Paraphyses Of Swamp Shield-Fern <i>Thelypteris Interrupta</i> (Willd.) K. Iwats.	Indian Fern J. <b>34</b> : 50-58

## Fellowships

- 1. Summer Research Fellowship Programme** – sponsored by The Indian Academy of Sciences to work under Dr. S. P. S. Khanuja, Central Institute of Medicinal and Aromatic Plants, Lucknow on the project entitled, “Genetic Profiling of *Terminalia chebula* Retz. And *Terminalia bellirica* (Gaertn.) Roxb. (Combretaceae) from the Southern Western Ghats of Tamil Nadu” during May to June 2007.

## Projects

1. University Grants Commission - Minor Research Project entitled, “Population Biology of *Terminalia chebula* Retz. In the Southern Western Ghats of Tamil Nadu” – Link No. 2168/2006.

## Conferences/ Seminars Attended.

### International

1. International Conference on “Sea, Land, People – Marine and Terrene Ecology” at St. Xavier’s College, Palayamkottai from 17<sup>th</sup> to 19<sup>th</sup> 2016.
2. International Conference on “Environmental Security for food and health”, ICESFH – 2012, Vivekananda Kendra, Kanyakumari, Organised by The M. D. T. Hindu College, Tirunelveli.
3. International Conference on “New Frontiers in Mathematics and Computing – ICNFM ‘19” organized by the Lady Doak College, Madurai, 18<sup>th</sup> and 19<sup>th</sup> February, 2019.

## National

1. National Symposium on “Phycology in the New Millenium” from 1<sup>st</sup> to 3<sup>rd</sup> March, 2000 at Centre for Advanced Studies in Botany, University of Madras.
2. MAJHEC Lecturers meet at Loyola College, Chennai on June 24 to 25, 2000.
3. MAJHEC Lecturer’s meet at St. Joseph’s College, Tiruchirapalli on 29<sup>th</sup> and 30<sup>th</sup> June, 2002.
4. National Seminar on “Bioethical Issues in College Campuses – Interdisciplinary Approaches and Perspectives” from 20<sup>th</sup> – 22<sup>nd</sup> November, 2008 at Asian Centre for Cross-Cultural Studies, Chennai.
5. National Conference on “Global Climatic Change and its Impact on Biodiversity” from February 19 – 20, 2009 at St. Xavier’s College, Palayamkottai, Tamil Nadu.
6. National Conference on “Biotechnological Approaches for Sustainable Environment” on 6<sup>th</sup> to 7<sup>th</sup> August, 2010 at J. J. College of Arts and Science, Pudukottai.
7. National Conference on “Biodiversity for Sustainable Development : Threats, Indicators, Climate Change, Poverty Alleviation and Targets for Safeguarding Biodiversity” from 25<sup>th</sup> to 27<sup>th</sup> August, 2010 at School of Energy, Environment and Natural Resources, Madurai Kamaraj University, Madurai.
8. National Seminar on Conservation and Sustainable Utilization of Red Listed Medicinal Plants of the Western Ghats of India, September, 2- 3, 2010.
9. *National Seminar on Forest Resources: Diversity, Utilization and Conservation*, March 9<sup>th</sup> - 11<sup>th</sup>, 2011, University of Agricultural Sciences, GKVK, Bengaluru.
10. National Seminar on “Shrinking Wetlands! Raising Global Temperature!” at Rani Anna College for Women, Tirunelveli from 21<sup>st</sup> to 22<sup>nd</sup> July, 2011.
11. National Seminar on Forest Health Management (FHM 2012) held at the Institute of Forest Genetics and Tree Breeding, Coimbatore on 21<sup>st</sup> and 22<sup>nd</sup> March, 2012.
12. Indian Biodiversity Congress held at SRM University from 18<sup>th</sup> to 20<sup>th</sup> December, 2014.
13. National Seminar on “Marine Bioresources” on 9<sup>th</sup> December 2015 at Holy Cross College, Nagercoil.
14. 9<sup>th</sup> National Seminar on Medicinal Plants on 14<sup>th</sup> and 15<sup>th</sup> January, 2016 held at Government Ayurveda College, Pojappura, Thiruvananthapuram.
15. Science Academies Refresher Course on Bioinformatics in Modern Biology at School of Life Sciences, Manipal University, Manipal, Karnataka, India from 5<sup>th</sup> to 17<sup>th</sup> May, 2017.
16. National Programme on Technology Enhanced Learning (NPTEL Workshop) at Annai Vailankanni College of Engineering on 22<sup>nd</sup> June, 2016.
17. National Symposium on “The Genomic Age Challenges and Opportunities in Taxonomy and Biology of Indian Pteridophytes” organized by Botanical Survey of India and The Indian Fern Society, Chandigarsh at Pune from 3 to 4<sup>th</sup> March, 2017.
18. Science Academies Refresher Course in Plant Taxonomy – Orthodox and Modern Aspects at Yogi Vemana University, Kadapa, Andhra Pradesh from 18<sup>th</sup> to 31<sup>st</sup> October, 2017.

19. Lecture Workshop on “Recent Advances in Biological Sciences (RABS – 17)” held in G. Venkataswamy Naidu College, 26<sup>th</sup> and 27<sup>th</sup> September, 2017.
20. National Workshop on Conservation and Cultivation of Medicinal Plants during 16<sup>th</sup> and 17<sup>th</sup> December, 2017 at Siddha Medicinal Plants Garden, Mettur Dam.
21. National Science Teacher’s Congress during India International Science Festival 2018 from 5<sup>th</sup> to 8<sup>th</sup> October, 2018 at Lucknow.
22. National Seminar on Challenges and Changes in the Evaluation System at Jamal Mohamed College, Bangalore on 26<sup>th</sup> February, 2019.

#### **State Level**

1. Seminar on “Conservation, Evaluation and Sustainable Utilization of Plant Genetic Resources” at St. John’s College, Palayamkottai on 9<sup>th</sup> and 10<sup>th</sup> March, 2001.
2. Seminar on “Myriad Problems of Environment and Future Strategies” on 18<sup>th</sup> and 19<sup>th</sup> April, 2001 at Sri Parasakthi College for Women.
3. Seminar on “NMR Spectroscopy” on 8<sup>th</sup> January, 2005 at Department of Chemistry, St. Xavier’s College, Palayamkottai.
4. Seminar on Nutri - Dia Info ’05 conducted by the Department of Nutrition and Dietetics, Home Cross Home Science College on 4<sup>th</sup> March, 2005.
5. One day seminar on “Renewable Energy Resources” at St. Xavier’s College, Palayamkottai on 26<sup>th</sup> July, 2005.

#### **Workshops attended.**

1. Training Programme on Plant Tissue Culture from 1<sup>st</sup> to 5<sup>th</sup> February, 2002 at St. Xavier’s College, Palayamkottai.
2. Training Programme on “Remote Sensing and GIS Applications to Coastal Zone Management” conducted by the Institute for Ocean Management, Anna University from 21<sup>st</sup> October to 1<sup>st</sup> November, 2002.
3. Summer Workshop on “Basics in Electrophoresis Techniques” from 5<sup>th</sup> to 14<sup>th</sup> May, 2004 at The Electrophoresis Institute, Yercaud.
4. CIMAP sponsored Summer School on “Molecular Techniques in Bioprospection and Biodiversity Analysis” in Genetic Resources and Biotechnology Division, Central Institute of Medicinal and Aromatic Plants, Lucknow during 15<sup>th</sup> June to 30<sup>th</sup> July, 2004.
5. National Workshop on Biodiversity Resources Management and Sustainable Use from 11<sup>th</sup> to 15<sup>th</sup> October, 2004 at Madurai Kamaraj University, Madurai.
6. Workshop on Biosystematics and Conservation of Plant Diversity, 29<sup>th</sup> November – 13 December, 2004 at Centre for Environmental Management of Degraded Ecosystems, School of Environmental Studies, University of Delhi.

7. Workshop on Bioinformatics at Department of Botany, St. Xavier's College, Palayamkottai on 13<sup>th</sup> and 14<sup>th</sup> February, 2008.
8. ICAR sponsored course on "Application of GIS in Plant Biodiversity and Horticulture" at Indian Institute of Spices Research, Calicut from 25<sup>th</sup> February to 6<sup>th</sup> March, 2009.
9. UGC sponsored workshop on "Research Methodology for Teacher Scholars" from 25<sup>th</sup> to 27<sup>th</sup> September, 2009 at Academic Staff College, Pondicherry University, Pondicherry.
10. National Workshop on Bioinformatics from March 10<sup>th</sup> to 12<sup>th</sup>, 2010 at Alagappa University, Karaikudi.
11. National Workshop cum Seminar on Off Season Mango Production from 26<sup>th</sup> to 27<sup>th</sup> February, 2011 at Horticultural Research Station, Pechiparai.
12. Workshop on Forests as Carbon Sinks *organized by* Department of Forestry and Environmental Sciences, UAS, GKVK, Bangalore 560 065, 10–11 March 2011.
13. Summer School on Environmental Informatics from April 9<sup>th</sup> to 13<sup>th</sup>, 2012 at the Indian Institute of Information Technology and Management, Thiruvananthapuram, Kerala.
14. DBT sponsored short term training course on "Bioprocessing in Biotechnology" from 26<sup>th</sup> April to 9<sup>th</sup> May, 2012 at Kumaraguru College of Technology, Coimbatore.
15. National Workshop on Intellectual Property Rights – Enlightenment for Creative Thoughts and Creative Minds at the Department of Botany, Bharathiar University, Coimbatore on 1<sup>st</sup> and 2<sup>nd</sup> August, 2013.
16. One day Training Programme on "Flower Arrangement and Horticultural Techniques" at Sri Parasakthi College for Women, Courtallam on 29<sup>th</sup> August, 2013.
17. Training Programme on "Biodiversity of Marine Flora" at Centre of Advanced Study in Marine Biology, Annamalai University, Parangipettai on 19<sup>th</sup> and 20<sup>th</sup> March, 2014.
18. Training and Demonstration in Seaweed Farming at Annamalai University, Parangipettai from 1<sup>st</sup> December to 5<sup>th</sup> December, 2014
19. State Level Workshop on Public Financial Management System with special reference to EAT Modules on 7<sup>th</sup> and 8<sup>th</sup> August, 2018 at Virudhunagar Hindu Nadars' Senthikumara Nadar College, Virudhunagar.
20. UGC Orientation Workshop on "Adoption, Promotion and Production of MOOCs for SWAYAM Platform" organized by South Eastern Regional Office, University Grants Commission, Hyderabad on 31<sup>st</sup> August, 2018.
21. STEM Teacher Training Workshop on Research-Based Pedagogical Tools (Level1) from 28<sup>th</sup> September to 1<sup>st</sup> October, 2018 at Jaipur, Rajasthan
22. One day Workshop on MOOCs through SWAYAM at Manonmaniam Sundaranar University, Tirunelveli on 19<sup>th</sup> November, 2018.
23. Two days Workshop on Public Financial Management System (PFMS) and EAT Modules on 9<sup>th</sup> and 10<sup>th</sup> November, 2018 at Sadakathullah Appa College, Palayamkottai.

