

## STAFF PROFILE

- 1) Name : Dr. P.Prathyusha  
 2) Designation : Assistant Professor  
 3) Department : Department of Botany  
 4) Qualification : M.Sc.,B.Ed., Ph. D,PGDCA  
 5) Experience : Teaching :11 Research : 4  
 6) Area of Specialization (s) : Phytochemistry and Pharmacognosy  
 7) E-mail : prathyusha.phd1@gmail.com

### ACADEMIC QUALIFICATIONS :

DEGREE	YEAR OF COMPLETION	NAME OF THE INSTITUTION	CLASS
B. Sc., Botany	1999-2002.	N.S.S.College, Nemmara, Palakkad,	I <sup>st</sup> class (74%)
B.Ed.,Natural Science	2002- 2003	Devakiamma Memorial Teacher Education Centre.	I <sup>st</sup> class (61%)
M. Sc., Botany	2003-2005	PSGR Krishnammal College for Women, Peelamedu, Coimbatore	I <sup>st</sup> class (74%)
Ph.D., Botany	2006-2011	Kongunadu Arts and Science College, Coimbatore	Highly commended

### ADDITIONAL QUALIFICATIONS

Diploma/ Vocational/ Certification	Area of Specialization	Institution/University/ Agency name	Year
Certificate course	PGDCA	Nirmala College for Women	2021-2022
Certificate course	Completed a Lead Auditor Course on Environment Management system, Green Campus Audit, Energy Audit and Hygiene Audit to educational Institutions and Industrial sectors	Nature Science Foundation	2022

### 9) Research Projects:

**Completed: 3**

Project Title	Agency	Amount	Duration
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Studies on Phytochemical profile, Efficacy of free radical scavenging and antitumor activity of <i>Alangium salvifolium</i> (l.f.) Wangerine Alangiaceae	UGC-SERO, Hyderabad	Rs. 300000/-	2015-2017
Title of the Project: <i>Azolla</i> cultivation and Mass multiplication	TNSCST PROJECT	5000/-	2021-2022
Formulation and evaluation of ecofriendly herbal based hair dye: Haircare Product	SEED MONEY PROJECT	20,000/-	2023-2024

#### 10) Research Guidance

Programme	No. of Scholars	
	Completed	Pursuing
Ph. D.	1	1
M. Phil.	-	-

#### 11) Research Publications

1. **Prathyusha, P.**, Sajitha P Chandran and M.S.Subramanian, 2009. Ethnobotanical studies on Kadars of Nelliampathy Hills in Palakkad District, Kerala. *Plant Archives*, **9**(2): 641-646.
2. **Prathyusha, P.**, M.S.Subramanian, M.C.Nisha, R. Santhanakrishnan and M.S. Seena, 2010. Pharmacognostical and phytochemical studies on *Origanum vulgare* linn. (lamiaceae). *Ancient Science of Life*. **29**(2):17-23.
3. **Prathyusha, P.**, M.S.Subramanian, M.C. Nisha, R. Santhanakrishnan and M.S.Seena, 2010. Pharmacognostical Studies on *Artemisia sieversiana* Ehrhart. Ex. Willd. (Asteraceae). *College Sadhana*, **2**(2): 137- 140.
4. Nisha, M.C., M.S.Subramanian, **P. Prathyusha**, R. Santhanakrishnan and M.S. Seena, 2009.Comparative Studies on Antimicrobial Activity of *Artemisia sieversiana* Ehrhart. Ex. Willd. and *Origanum vulgare* L. *International Journal of Pharm Tech Research*.**2**(2):1124-1127.
5. **Prathyusha, P.**, Modurpalayam S. Subramanian and R. Sivakumar, 2010. Antimicrobial activity of red and white forms of *Abrus precatorius* L. *College Sadhana* , **3**(1):1-5

6. **Prathyusha, P.**, Modurpalayam S. Subramanian and R. Sivakumar, 2010. Pharmacognostical studies on the white and red forms of *Abrus precatorius* L. *Natural Product Radiance.*, **1**(4):476-480.
7. **Prathyusha, P.** and M.S. Subramanian, 2010. Pharmacognostical analysis of fruits of *Alangium salvifolium* (l.f.). *Plant Archives.*, **10** (2): 881-882.
8. **Prathyusha, P.** and M.S. Subramanian, 2010. Phytochemical analysis of fruits and seeds of *Alangium salvifolium* (l.f) wangerin. *Plant Archives.*, **10** (2):915-917.
9. **Prathyusha, P.** and M.S. Subramanian, 2010. Comparative antimicrobial studies on the crude extracts of petroleum ether, acetone, chloroform and methanol of the fruits of *Alangium salvifolium* (l.f) wangerin. DST, UGC, CSIR, DRDO, INSA, TNSCST, TNSCHE Sponsored International Conference on Bioresource Technology (ICBRT) -Its applications and achievements.PG and Research department of Botany,Nirmala College for Woman :85-91 (Proceedings).
10. **Prathyusha, P** and M.S. Subramanian, 2010. Clonal Multiplication Studies for the Medicinal Plant, *Alangium salvifolium* (l.f.) Wangerin (Alangiaceae). *Plant Diversity and Conservation*, Pointer publishers, Jaipur, India.Chap.**20**:188-192.
11. Subramanian, M.S. and **P. Prathyusha**, 2011. Pharmaco – phytochemical characterization of *Clitoria ternatea*, Linn. *International Journal of Pharm Tech Research.*, **3**(1):606-612.
12. **Prathyusha, P.** and M.S. Subramanian, 2011. Antifungal activity of *Alangium salvifolium* (l.f.).Wangerin (Alangiaceae). *Boisciences Biotechnology Research Asia*, December,2011, Vol.8(2), p.865-868.
13. **Prathyusha. P.**, M.S.Subramanian, R.Santhana Krishnan and A.Agatha Christie,2014. Phytochemical and Pharmacognostical characters of *Adhatoda vasica* Nees. And *Solanum trilobatum* Linn.UGC Sponsored National Conference on Innovative approaches in biological sciences towards sustainable development. PG and Research department of Botany,Vellalar College for Woman (Autonomous) pp.107-110
14. **Prathyusha. P** and M.S.Subramanian, 2015.Pharmacognostical evaluation of *Alangium salvifolium* (L.F.) Wangerin (Alangiaceae), Western Ghats, South India, *International Journal of Current Research.*,7(2) .
15. **Prathyusha.P** and V. Shabina,2016 Survey and Comparison of Floristic Diversity and Ethic culture in Punikolkavu and Chirakkakavu Scred Groves of Thalassery, Kannur District, North Ketrala, India.*South American Journal of Medicine* Special Edition ,2016
16. **Prathyusha. P** and M.Saranya,2017. Studies on traditional knowledge of medicinal plant used to cure respiratory disorders in taliparamba, kannur district, kerala. Recent Trends in Agriculture, Veterinary and Life Sciences, *International Multidisciplinary Research*

Foundation, India. ISBN 978-93-86435-18-7.

17. **Prathyusha.P** and K. Jijina, 2018.Survey on traditional medicinal plants with potential anticancer activities in and around the **payyanur** municipality, kannur, kerala.
18. **Prathyusha.P.** 2018. Phytochemical Profile and Efficacy of Free Radical Scavenging Activity of *Alangium salvifolium* (l.f.) Wangerin. *International Journal of Science and Research (IJSR)*. 7(7):1028-1032.
19. Roopasree K. and **Prathyusha P.** 2019.Studies on phytochemical screening and antimicrobial activities of *boerhaavia diffusa*, l.; and *centella asiatica*, (l.) Urban. *World Journal of Pharmaceutical Research (SJIF)*. 8(5):1417-1426.
20. **P.Prathyusha.** 2018. Cytotoxic analysis of leaves of *Alangium salvifolium* (l.f.) Wangerin. *Journal of Emerging Technologies and Innovative Research (JETIR)* (5)11:40-43
21. **P.Prathyusha**, 2019. *IN VITRO* MICROPROPAGATION OF ALANGIUM SALVIFOLIUM (L.F.) WANGERIN. International Conference on Emerging trends in science and Social Science, Kualalumpur, Malaysia.
22. **P.Prathyusha**, 2020.Floristic composition, diversity and ethnic culture in Mankara sacred grove, Palakkad District. Kerala, India. *International Journal of Botany Studies*, Volume 5; Issue 4; 2020; Page No. 306-310. **ISSN: 2455-541X; Impact Factor: RJIF 5.12**
23. Febin Salima N.C, **P.Prathyusha**, and K.K.Aswathi 2021.Pollen Morphological Studies of Selected Plants of Asteraceae Family.*International journal for Research in Applied Science & Engineering Technology (IJRASET)* ISSN : 2321-9653, Volume 9 Issue III.Impact Factor: 7.429.
24. Aswathi K.K., **P.Prathyusha**, and N. C Febin Salima 2021.Pollen Morphological Studies of some common garden plants of Apocynaceae family.*International journal for Research in Applied Science & Engineering Technology (IJRASET)* ISSN : 2321-9653, Volume 9 Issue III.Impact Factor: 7.429.
25. Arya Prabhakaran and **P. Prathyusha**, 2022. Studies on phytochemical analysis, antibacterial and antioxidant activities of leaf extract of *Hyptis suaveolens* (l.) Poit . (YMER) VOLUME 21 : ISSUE 5. ISSN : 0044-0477 Page No:1293-1303 Impact factor is 5.7.
26. Susmitha.S and **P.Prathyusha**, 2023 Enhancement of Seed Germination through Breaking Seed Dormancy. *Indian Journal of Natural Sciences* ISSN: 0976 – 0997 Vol.14 / Issue 79 /

pp-59990 - 59993

27. **Prathyusha.P**, D. Shana Evanjalini, S. Maanisha, A.Jasmin and S. Aswini, 2023. Phytochemical Screening and Molecular Docking studies of the Phytocompounds in *Cassia fistula* Linn. for Anti-Seborrheic Activity, *Indian Journal of Natural Sciences*, ISSN: 0976 – 0997, Vol.14 / Issue 77 , pp 55684-55692.
- 28 **P.Prathyusha**, 2024. Formulation and evaluation of eco-friendly herbal based hair Dye: haircare product *International Journal of Scientific Research* Volume - 13 | Issue – 04, PRINT ISSN No. 2277 - 8179 | DOI : 10.36106/ijsr
29. D.Melchi Leebana and **P.Prathyusha**, 2024. Investigation of *Pisonia Grandis* R.Br. Different extracts for antioxidant and anti-inflammatory properties. *Biochem.Cell.Arch.* Vol.24, Suppl.1, pp.4171-4176, 2024

## 12) Book Publications

1. **Dr. P.Prathyusha** (2018). Environmental Studies- Renewable resources (Book chapter) compulsory course for undergraduate courses UGC Module syllabus, Nirmala college for Women, Coimbatore, First edition 2018. ISBN: 978-81-939751-0-7.
2. **Dr. P.Prathyusha** (2023) Lab Manual for Allied Botany Students, Nirmala college for Women, Coimbatore- ISBN No:978-9358-133868
3. Dr.U.Danya and **Dr. P.Prathyusha** (2024) Herbal Cosmetics and Handicrafts ISBN No:9789360762032
4. **Dr. P.Prathyusha** (2024) MCQ for Plant Ecology and Phytogeography, Nirmala college for Women, Coimbatore- ISBN No:978-81-983630-9-1
5. **Dr. P.Prathyusha** (2025) Post Harvest Technology of Fruits and Vegetables, Nirmala college for Women, Coimbatore - ISBN No:978-81-985421-3-7

## 13) Presentations in Conference

1. **Survey of Medicinal Plants from the Rangaswamy hills, Western Ghats, Coimbatore District:** UGC sponsored National Symposium on Need Based Modern Trends in Ethnomedicine Research Ayush Remedies. Held on 26<sup>th</sup> and 27<sup>th</sup> February 2007 in Kongunadu Arts and Science College, Coimbatore.
2. **A Preliminary Survey on Medicinal Plants in Maruthamalai Hills:** UGC sponsored National Symposium on Need Based Modern Trends in Ethnomedicine Research Ayush Remedies. Held on 26<sup>th</sup> and 27<sup>th</sup> February 2007 in Kongunadu Arts and Science College, Coimbatore.

3. **Ethno-Veterinary Herbal Medicine:** National Seminar on Recent Advances in Plant Biology and Biotechnology. Held on 29<sup>th</sup> February 2008 in Government Arts College (Autonomous), Coimbatore.
4. **Skin Care Management of Children Using Medicinal Plants:** UGC Sponsored National Symposium on Sustainable Utilization and Conservation of Medicinal Plants. Held on 21<sup>st</sup> and 22<sup>nd</sup> August, 2008 in Nirmala College for Women, (Autonomous) Coimbatore.
5. **Some Important Medicinal Plants for the Treatment of Rheumatoid Arthritis:** Indian Science Congress Association Sponsored National Seminar on Biodiversity-Status, Conservation and Managements held on 12<sup>th</sup> and 13<sup>th</sup>, September 2008 in Kongunadu Arts and Science College, Coimbatore.
6. **Ethno-Botanical Studies In Nelliampathy Hills, Palakkad Dist, Kerala:** UGC Sponsored National Seminar on Implications of Biotechnology in Conservation of Biodiversity held on August 20<sup>th</sup> & 21<sup>st</sup>, 2009 in Government Arts College, Udthagamandalam.
7. **Pharmacognosy of *Alangium salvifolium* (L.F.) Wangerin:** State level seminar come exhibition on Herbal Resources and Remedies held on September 3<sup>rd</sup>, 2009 in NGM College, Pollachi.
8. ***In vitro* propagation of a potential medicinal plant *Abrus precatorius* L.** UGC sponsored National Seminar on Bioresources – Conservation and Management held on January 8<sup>th</sup> and 9<sup>th</sup>, 2010 in PSGR Krishnammal College for Women, Coimbatore.
9. **HPTLC Profile Of white and red forms of *Abrus precatorius* L. seeds -** UGC Sponsored National Level Seminar on Emerging Trends in Plant Biotechnology held on 4<sup>th</sup> and 5<sup>th</sup> February 2010 organized by PG and Research Department of Plant Biology and Plant Biotechnology, Government Arts and Science College, Coimbatore.
10. **Phytochemical analysis of *Alangium salvifolium* (l.f.) Wangerin:** 3<sup>rd</sup> Indo-korean Joint Seminar on Medicinal Plant Research (IKMPR-2010), Sponsored by Department of Science and Technology and organized by Department of Biochemistry, Biotechnology and Bioinformatics & Society of Biological Chemists (India), Coimbatore Branch at Avinashilingam University for Women, Coimbatore on 23<sup>rd</sup> February, 2010.
11. **Antimicrobial activity of red and white forms of *Abrus precatorius* L. Biospark 2010,** National Conference on Vaccine Biotechnology Organized by S.N.R.Sons College on February 20<sup>th</sup>, 2010.
12. **In-vitro cytotoxicity activity of both red and white forms of *Abrus precatorius*, Linn.** National Symposium on Alternative Medicine held at Karpagam University during March 1<sup>st</sup>-2<sup>nd</sup> 2010.

13. **Comparative antimicrobial studies on the crude extracts of petroleum ether, acetone, chloroform and methanol of the fruits of *Alangium salvifolium* (L.f) wangerin.** DST, UGC, CSIR, DRDO, INSA, TNSCST, TNSCHE Sponsored International Conference on Bioresource Technology-Its Applications and Achievements held on 7<sup>th</sup> and 8<sup>th</sup> October-2010. Organized by Department of Botany Nirmala College for Woman, Coimbatore-18.
14. **Biodiversity of sacred grove: Medicinal and endangered plants in palathulli, Palakkad District, Kerala.** Centre for innovation in Science & Social Action (CISSA), C.P.R.Environmental Education Centre, Navdanya, School of Public Health, SRM university Sponsored, Third Indian Biodiversity Congress (IBC 2014) held on 18<sup>th</sup> - 20<sup>th</sup> December 2014.
15. **Climatic changes and Biodiversity in India .** Centre for innovation in Science & Social Action (CISSA), C.P.R.Environmental Education Centre, Navdanya, School of Public Health, SRM university Sponsored, Third Indian Biodiversity Congress (IBC 2014) held on 18<sup>th</sup> - 20<sup>th</sup> December 2014.
16. **Studies on floristic diversity and ethnic culture in cherapuram sacred groves of nemmara, palakkad district, kerala, india.** International conference on converging Biotechnological Innovations in Environmental Welfare organized by the department of Biotechnology in collaboration with the organization for industrial, spiritual and cultural advancement (OISCA) held at K.S.G College of arts and science, Coimbatore, Tamil Nadu, on 19<sup>th</sup> September, 2016.
17. **International Conference: Biodiversity, Climate Change and Environmental Sciences:** presented paper in the International Conference on Biodiversity, Climate Change and Environmental Sciences Organized by the Nirmala College for Women, Coimbatore in collaboration with International Multidisciplinary Research Foundation. Held on 08/09/2017.
18. **International Conference on Emerging trends in science and Social Science** presented paper on May 03-04-2019 to 04-04-2019, Kuala Lumpur, Malaysia. **Studies on Phytochemical Screening and Larvicidal activities of weed plants, *Calotropis procera* r.br and *Leucas aspera* (willd.) Linn. Against two species of mosquitoes, *Aedes aegypti* and *Culex quinquefasciatus*.**
19. ***In vitro* micropropagation of *Alangium salvifolium* (L.f.) Wangerin.** 2019. International Conference on Emerging trends in science and Social Science, **Kuala Lumpur, Malaysia. on May 03-04-2019 to 04-04-2019.**
20. **A review on potential utility of Algae in Cosmetics, 2022.** ICSSR sponsored International Conference on New Frontiers in Research: Challenges and Innovations 9<sup>th</sup> and 10<sup>th</sup> February, 2022.

21. **Effect of Vermicompost and vegetable waste Amendments on the growth performance of *Vigna mungo* (L.)Wilczek. 2023.**International Conference on contemporary approaches in sciences & humanities: Future Prospects (ICCASH-2023) on 2<sup>nd</sup> and 3<sup>rd</sup> February,2023 at Nirmala College for Women.
22. **GC-MS Analysis of Methanol Extract of bark of *Cassia fistula* L.** DBT-CTEP Sponsored National Conference,2023 on Harnessing Biology for Sustainable Development organized by PG and Research dept. of Zoology on 16<sup>th</sup> and 17<sup>th</sup> February 2023 at Nirmala College for Women,Coimbatore.
23. **Bagas for betterment:Empowering Women through Sanitary Production.** International Conference on Women Equality, Protection and Empowerment SHEROES FEST 2024 organized by Nirmala College for Women from 24<sup>th</sup> to 26<sup>th</sup> August 2024.

#### 14) POSTER PRESENTATION

1. **Pharmacognostical studies on *Artemisia sieversiana* Exhart. Ex wild (Asteraceae).** UGC Sponsored National Seminar on Recent Trends in Secondary Metabolic Engineering held on January 5<sup>th</sup>, 2010 in Bharathidasan University Tiruchirappalli.
2. **Pharmaco-Phytochemical characterization of *Clitoria ternaceae* L.** UGC Sponsored National Seminar on Recent Trends in Secondary Metabolic Engineering held on January 5<sup>th</sup>, 2010 in Bharathidasan University Tiruchirappalli.

#### 15) Participation in Conference

1. **State Level Symposium ECOFEST 06:** Held on July, 28<sup>th</sup> 2006 at Agricultural Engineering and Research Institute, TNAU, Coimbatore.
2. **International Seminar on Research Methodology and Data Interpretation:** Held on 28<sup>th</sup> January 2010 at Avinashilingam University for Women, Coimbatore.
3. **International Conference on Computational Biotechnology and Nanotechnology (ICCBN-2010):** Held on 24-26 February 2010 at Vivekanandha College of Engineering for Women, Elayampalayam- 637205, Tiruchengode, Tamilnadu, India.
4. **Annual Conference of Indian Association for Angiosperm Taxonomy (IAAT) and International Symposium on Taxonomy, Plant Diversity and Conservation:** Held on 26-28 November, 2010 at Bharathiar University, Coimbatore.
5. **One day seminar on Recent Trends in Applied Plant Sciences:** Held on 08/02/2017,Organised by the Department of Botany, Nirmala College for Women, Coimbatore.

## 16) Participation in Workshop

1. College Assistance Program under Skillscape Organised by PSGR Krishnammal College for Women on 14th to 16th September 2004 Conducted by Peopleone Consulting India Pvt. Ltd.
2. Training in Commercial Tissue Culture and Horticulture: Organised by PSGR Krishnammal College For Women held on 11th to 26th May, 2004 (15 Days). Conducted at Sunglow Biotech, Coimbatore.
3. Workshop on Perspectives of Biodiversity Conservation: Sponsored by Ministry of Environment and Forest, Government of India, New Delhi on 8th and 9th February, 2007. Organised by PG and Research Department of Botany, Kongunadu Arts and Science College, Coimbatore.
4. National Workshop on Molecular Techniques in Biological Sciences: Organised by the Department of Biotechnology, Kongunadu Arts and Science College, Coimbatore. Held on 25th to 28th February, 2008.
5. Training in Hands on Chromatography (HPTLC, GC and HPLC): Held on 15th to 17th May, 2008 at Dalmia Centre for Research and Development, Affiliated to Bharathiar University, Coimbatore.
6. Phytochemical Techniques: Organised by the Bio – Science Techno Park, Ponduchery on 11th to 13th Feb 2008.
7. Workshop on Scientific Validation of Traditional Herbal Medicine: Organised by the Bharathiar University. Sponsored by ICMR held on 16th and 17th Dec 2009.
8. Workshop on Tools to Explore Similarity Search and Sequence Alignment: Held on 30th Jan 2010. Organised by the Department of Bioinformatics, Dr.G.R.Damodaran College of Science, Coimbatore.
9. Workshop on Phyto and Molecular techniques: Held on 26 and 27 Aug 2014. Organized by the department of Botany and Denovo scientific, Coimbatore-641002.
10. NADP Methodology Workshop on Urban Forestry to Combat Pollution: Held at Forest College and Research Institute, Mettupalayam on 8th October, 2014.
11. Seminar on Fruits and Vegetable-Processing and Preservation: Held on 10th February, 2015. Organized by the Department of Botany, Nirmala College for Women.
12. Environment Audit of Infrastructure, Extension Activity and Institutional Social Responsibility: Participated in the Faculty Development Programme organized by IQAC, Nirmala College for Women-18 on 30th October 2015.
13. Workshop on Cytological techniques: Held on 13 th January, 2016. Organized by the Department of Botany, Nirmala College for Women, Coimbatore under DBT STAR COLLEGE scheme.
14. Frontier Contemporary Horizons in Bioinformatics and Computational Biology (BACB-2016) :Participated in the National Conference on 21 st and 22nd Organized by the Department of Botany and Bioinformatics, Nirmala College for Women, Coimbatore.
15. Dimensions of preparing effective research papers for international Journals: Attended seminar Organized by Sri Vasavi College, Erode, Research Forum on 05/11/2016.
16. Glimpses of plant Sciences : Attended two days Science Academic Lecture Workshop, Organized by the Department of Botany, Nirmala College for Women, Coimbatore. Held on 2nd & 3rd February ,2017.

17. Multimedia: Attended Two days workshop on multimedia, Organized by the Computer Science, CA and IT Department, Nirmala College for Women, Coimbatore. Held on 21 and 22 March,2018 Sponsored by DBT STAR College Scheme.
18. National Workshop: Participated in the DBT Sponsored National Workshop on the topic The Exploratory Modules in 'OMICS' Biology, Organized by the Department of Botany and Bioinformatics on 14th and 15th September, 2017.
19. Workshop: Participated in the workshop on the topic 'Multimedia' Organized by the Department of Computer Science ,Computer Applications and Information Technology on 21st and 22nd March 2018 Sponsored by DBT.
20. Workshop: Outcome Based Education Organized by IQAC, Nirmala College for Women, Coimbatore on October 13th 2018.
21. National Seminar cum Medicinal Plant Exhibition on Complementary and alternative Indian system of medicine Organized by Department of Botany and Bioinformatics, Nirmala College for Women, Coimbatore on Feb.1st and 2nd 2019.
22. International Workshop on "Glorious Global Model Plant" Organized by Department of Botany and Bioinformatics, Nirmala College for Women, Coimbatore on 18th Feb.2019 Sponsored by DBT.
23. National level symposium on Exploration of research Innovations: Its Trends and Challenges, ICSSR Sponsored Organized by Nirmala College for Women, Coimbatore on 11/01/ 2020.
24. International e- Conference on Contemporary Innovative Developments in Applied Biology (CDAB-2020) Organized by the Department of Botany and Bioinformatics on 22/01/2020.
25. Attended e-Content Skill development FDP Workshop organized by Mathematics Department at Nirmala College for Women from 14th-19 th June 2021.
26. Participated in the Science ADDA one day Interaction program funded by the star College Scheme, DBT, Government of India held on 07.02.2022 at Nirmala College for Women.
27. International Conference on Reviving Traditional food Products of Tamil Nadu held at Nirmala College for Women, Coimbatore in association with Tanmillet's on & 7th and 8th January 2023.
28. National seminar on treat for Physical and Mental Health an Alternative System of Indian Medicine for Human well Being organized by Rotary club of Chennai crown in association with Bharatheeya Naatu Vaidhya Maha Padashala on 24.02.2023 at Nirmala College for Women.
29. Attended FDP on Digital Age Pedagogy organized by The Internal Quality Assurance Cell on 16.06.2023.
30. Participated in workshop on Artificial Intelligence Tools for Educators Organized by IGNITE Life Skill Academy &IQAC Sacred Heart College, Thevara, Kochi-13. On 27 th October 2023.
31. Participated in the International Workshop/Training program on Capacity Building Program in Cybersecurity& its Investigation organized by Research foundation of India &RFI-CARE from 10th -17 th June 2024.
32. Participated in National Conference on Connecting users to Library Resources through Innovative Technologies (Salis 2024) organized by the department of library, Nirmala College for Women jointly with Advancement of library and information Science,Chennai on 4th & 5th October 2024.

### 17) Participation in Orientation Programme/ Induction Programme/ Short term Courses

1. Participated in **Orientation Programme** conducted by the Bharathiar University HRDC on 17.05.2018 - 13.06.2018
2. Participated in **Refresher Course** in botany conducted by the Madras University HRDC on 10.10.2019 -26.10.2019
3. Participated in inter-Disciplinary **Refresher Course** in Managing Online Classes & Co-creating MOOCS conducted by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching, teaching Learning Centre, Ramanujan College, University of Delhi from 07.01.2024 to 21.01.2024
4. Participated in online **Refresher Course** in Life Sciences [ID] conducted by the UGC- Malaviya Mission Teacher Training Centre, Bharathiar University Coimbatore on 18.09.2024 -01.10.2024

### 18) Participation in Faculty Development Programme

1. Environmental audit of Infrastructure, Extension activity and Institutional social responsibility: Participated in the Faculty development programme organized by IQAC, Nirmala College for women on 30<sup>th</sup> October 2015.
2. Faculty development programme on “Statistical Analysis using SPSS” organized by Nirmala College for women, Coimbatore on 14<sup>th</sup> December, 2018.
3. Faculty development programme on “Tuning Academic Research for Potential funding opportunities” organized by Nirmala College for women, Coimbatore on 19<sup>th</sup> January, 2019.
4. Faculty development programme on Innovative teaching strategies, organized by Curriculum Development cell, Nirmala College for women, Coimbatore on 30<sup>th</sup> October 2019.
5. National level FDP on Teaching, Learning and Research Organized by IOT Academy from 19<sup>th</sup> to 25<sup>th</sup> June, 2023.
6. Participated in FDP on Learning Outcome Based Curriculum Framework in the Context of NEP on 4<sup>th</sup> December 2024 at Nirmala College for Women, Coimbatore.
7. Participated in one week online FDP on Traditional Knowledge system in Health Sciences, Noorul Islam Centre for higher education, from 26.05.2025 to 31.05.2025.

**19) Invited Speaker:** Resource person for Science Exhibition in Carmel Garden Matriculation School and Nirmala Matriculation Higher School

### 20) Membership in Professional bodies

Name of Professional body	Nature of Membership
Nature Science Foundation, Coimbatore, Tamilnadu	Annual member