


# ARULMIGU PALANIANDAVAR ARTS COLLEGE FOR WOMEN (AUTONOMOUS) PALANI

DEPARTMENT OF BOTANY		
Name	Mrs. V.Vanitha	
Designation	Assistant professor	
Qualification	M.sc., M.Phil., B.Ed.,	
Email id	Vanithaapa@gmail.com	
Experience	14 years and 8 months	
Date of joining	02.02.2009	
Articles published in journals	3	
Presented paper in conferences and seminars	12	
Attended workshops / conferences	93	

### Various Positions Held in Institution:

- UG admission
- Academic council Member
- In-charge of Botany Association
- Board of Studies Member in Botany
- In-charge of Eco-club
- NSS Programme Officer
- Placement Officer
- In-charge of Students Counselling Grievances & Redressal Cell
- Nodal Officer for Minority Scholarship
- In-charge of Earn While You Learn Programme
- In-charge of Inter religious club

### Academic Credentials

Level	Degree	Specialization	University	Year of Completion
UG	Botany	General Botany	Madras University	1999
PG	Botany	General Botany	Periyar University	2001
M.Phil.,	Botany	Algae	Periyar University	2008
B.Ed.,	Biological Science	Education	Periyar University	2003

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## Details of journal publications:

<b>Title of the paper</b>	<b>Title of the journal</b>	<b>link</b>
Antimicrobial potentials, phytochemical screening and determination of bioactive compounds from three indian folk medicinal plants	Scopus journal of current bioactive compounds - Elsevier, vol-19, ISSN – 1875-6646 July 2020	<a href="https://www.researchgate.net/publication/343068662_Antimicrobial_Potentials_Phytochemical_Screening_and_Determination_of_Bioactive_Compounds_from_Three_Indian_Folk_Medicinal_Plants">https://www.researchgate.net/publication/343068662_Antimicrobial_Potentials_Phytochemical_Screening_and_Determination_of_Bioactive_Compounds_from_Three_Indian_Folk_Medicinal_Plants</a>
Heneicosane—A novel microbicidal bioactive alkane identified from plumbago zeylanica l	SCI and Scopus journal of Industrial crops and products – Elsevier, vol-154, ISSN – 112748, October 2020	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0926669020306658">https://www.sciencedirect.com/science/article/abs/pii/S0926669020306658</a>
In vitro and in silico protocols for the assessment of microbicidal compounds from plumbago zeylanica l	Scopus journal of Gene Reports – Elsevier, vol – 25, ISSN – 101393 December 2021	<a href="https://www.sciencedirect.com/science/article/pii/S2452014421003770">https://www.sciencedirect.com/science/article/pii/S2452014421003770</a>

## Improvement of Professional Competence:

### Details regarding refresher courses / Orientation attended:

<b>S. No.</b>	<b>Orientation/ Refresher Courses</b>	<b>Subject</b>	<b>Name of the sponsoring Agency</b>	<b>Place and Date</b>
1.	Orientation	General	UGC-Academic Staff College	Bharathiar University, Coimbatore. 08.05.2012 to 04.06.2012
2.	Refresher Course	Life science	UGC-Academic Staff College	Bharathiar University, Coimbatore, 19.11.2013 to 09.12.2013
3.	Refresher Course	Life science	UGC-Academic Staff College	Bharathiar University, Coimbatore. 06.05.2015 to 26.05.2015
4.	Refresher Course	Bio-sciences	UGC-Academic Staff College	Bharathidasan university, Trichy. 26.10.2017 to 15.11.2017

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5.	Refresher Course	Life science	UGC-Human Resource Development	MK university, Madurai 20.10.2021 to 02.11.2021
6.	NSS orientation training	General	Empanelled training institution(NSS)	Avinashilingam Institute for Home Science and Higher Education for women, Coimbatore. 29.10.2019 to 4.11.2019

**Details of Seminars, Conference, Symposium, Workshop etc. attended**

S. No.	Name of the Seminar / Conference / Symposia Workshop. etc	State / National / International Level	Name of the sponsoring Agency	Place and Date
1.	Retraining of Teachers	Orientation Programs	UGC Sponsored	Arulmigu Palaniandavar Arts College for Women, Palani 28-09-2010
2.	Global competitiveness in Biology, Chemistry and Environments for a better Tomorrow	International Conference	Rev.Jacob Memorial Christian College, Ambilikkai	Rev.Jacob Memorial Christian College, Ambilikkai 03-02-2011
3.	Entrepreneurial Botany	State level Workshop	Department of Botany	Arulmigu Palaniandavar Arts College for Women, Palani 08-02-2011
4.	Recombinant DNA Technology	State level Seminar	Department of Zoology	Arulmigu Palaniandavar Arts College for Women, Palani 23-02-2011
5.	Best Practices for Quality Enhancement in Higher Education – creating social awareness among women society	National Level Seminar	UGC Sponsored	Arulmigu Palaniandavar Arts College for Women, Palani 31-03-2011
6.	Biodiversity Conservation	Special Workshop	Department of Botany	Arulmigu Palaniandavar Arts College for Women, Palani 05-04-2011

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7.	The Role of Stakeholders in the development of Tourism in India “wild life Tourism”	National Level	Department of History	Arulmigu Palaniandavar Arts College for Women, Palani 02-05-2011
8.	Personality development	State level	UGC sponsored	Arulmigu Palaniandavar Arts College for Women, Palani 22-09-2011
9.	Nuclear Energy Nuclear Reactor and their Safety An over view	National Level	Department of Chemistry	ArulmiguPalaniandavar Arts College for Women, Palani 26-12-2011
10.	Blooming Species : A prosperous Terrain for Posterity	International Level	UGC Sponsored	Vellar College for Women, Erode. 15 and 16-02-2012
11.	Exhibition on Medicinal Plants	Exhibition	UGC Sponsored	Arulmigu Palaniandavar College of Arts and Culture, Palani 24-02-2012
12.	Recent Trends I Exploration, Achievement and Development in Biological Science	National Level	UGC Sponsored	Chikkaiah Naikcr College, Erode 9 & 10-03-2012
13.	Social –Religious Philosophies of Pragmatism	National Level Workshop	Department of History	ArulmiguPalaniandavar Arts College for Women, Palani 21-03-2012
14.	Phytomedicine	National level	CSIR UGC sponsored Department of Botany	Bharathiar University, 04 and 05-10-2012
15.	Orientation and Retraining of teachers	National level	UGC sponsored	Arulmigu Palaniandavar Arts College for Women, Palani 02.02.2013
16.	Recent Development in Differential Equations	National Level	UGC – Sponsored	Department of Mathematics Arulmigu Palaniandavar Arts College for Women, Palani 01-03-2013
17.	Basic Techniques in Bio Technology and Microbiology	National Level Workshop	UGC – Sponsored	Hindustan Arts and Science College, Coimbatore 19 and 20-09-2013

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18.	ENVISION 20-20	National level seminar	Department of zoology	Annamalai university, Chidambaram, 19-09-2013 and 28.09.2013
19.	Higher Education Futuristic Perspective	Academic Conference	UGC – Sponsored	MTN College, Madurai 25-01-2014
20.	Cultural Landscapes indigenous knowledge and biotechnological tools for bio-diversity conservation	National Symposium	UGC sponsored	Kongu Nadu Arts and Science 07 and 08-03-2014
21.	Recent Trends in Nano Biotechnology, Bio-informatics Biodiversity and its conservation and environmental impact on Global warming	National Level	UGC – Sponsored	PG Department of Zoology Arulmigu Palaniandavar College of Arts and Culture, Palani 13-10-2014
22.	The Widening Horizons of Chemistry III (TWHC – III – 2015)	National level	UGC – Sponsored	Department of Chemistry Arulmigu Palaniandavar Arts College for Women, Palani 05-03-2015
23.	Medical Plants Diversity – Threats conservation and prospective	National level	UGC – Sponsored	Department of Botany ArulmiguPalaniandavar Arts College for Women, Palani 01-03-2013
24.	Recent Advances and Challenges in Plant Science	National level	UGC – Sponsored	Department of Botany ArulmiguPalaniandavar Arts College for Women, Palani 06-03-2015
25.	Orientation and Retraining of Teachers	National level	UGC – Sponsored	Department of Botany Arulmigu Palaniandavar Arts College for Women, Palani 11-04-2015
26.	Recent Challenges in Zoology	National Level	UGC – Sponsored	Department of Zoology Arulmigu Palaniandavar Arts College for Women, Palani

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				08-09-2015
27.	Recent Development in Differential Equations	National Level	The Department of Mathematics	APA College for Women 28.09.2015
28.	Botanicals and Phytochemicals, The Challenges and promise for Health care and Drug Development	National Level	The Department of Biochemistry	Rev. Jacob Memorial Christian College, Ambilikkai 04.02.2016
29.	Traditional Healthy Nutrition (organized)	Two days state level workshop	The Department of Botany	APA College for Women 05.02.2016 & 06.02.2016
30.	Organic terrace gardening	State level workshop	The department of Botany	NGM College, Pollachi. 01.03.2017
31.	Plant based drugs- Biotechnological implications(NCPDB – 2017)	National conference	The department of Botany	Karpagam university, Coimbatore. 10.08.2017 & 11.08.2017
32.	Attended national level seminar on” New Horizons on chemistry”	National conference	The department of Chemistry	APA. college of women, 05/03/2015
33.	Attended National level seminar on “Recent challenges in zoology”	National conference	The department of Zoology	A.P.A .college of women, 08/09/2015
34.	Attended National level seminar “ Recent trends in differential equations	National conference	The department of Mathematics	A.P.A. college of women, 23/09/2015
35.	Organized a special lecture on climate change- Strategizing the conservation of biodiversity	Special lecture	The department of Botany	A.P.A. college of women, 19/03/2018
36.	Attended a workshop on ‘desiamumNattuppuraKalkalikalum	National level workshop	The department of Tamil	A.P.A. college of women, 23/02/2018
37.	Paper presented in national conference on ” basic and applied biological science”	National conference	The department of Botany and Biochemistry	Bharathiar University Coimbatore, 10/10/2018 & 11/10/2018
38.	Presented a paper on international conference on Biological science (ISBS – 2019)	International conference	The department of botany and PG department of zoology	A.P.A . college of women, 04/02/2019
39.	Participated in orientation programme on outcome based education – A perspective	Orientation programme	IQAC	A.P.A . college of women, 07/02/2019

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40.	Seminar on challenges in quality sustenance in Higher education	Role of ICT in higher education	IQAC	A.P.A .college of women, 29/01/2019
41.	Presented a paper on international conference on Emerging Trends in chemical sciences	International conference	The department of Chemistry	A.P.A .college of women, 06/08/2019
42.	Presented a paper on international conference onTamilaham s Trade contact with the world countries prior to the british colonial rule	International conference	Department of History	A.P.A .college of women, 17/12/2019
43.	Presented a paper on international conference on Bioresource technology for food, energy and environmental sustainability.	International conference	Department of Biology	The Gandhigram rural institute, Gandhigram, Dindigul. 08/01/2020 to 10/01/2020
44.	Presented a paper on international conference on Recent Innovations in Nanoscience and Technology	International conference	The department of Physics	A.P.A .college of women, 25/01/2020
45.	Presented a paper on international conference on Challenges to Environment and health	International conference	The Department of Zoology	Jamal Mohamed college, Trichy. 30/01/2020
46.	Participated in Emerging Understanding of Covid - 19	Web Conference	The Department of Chemistry	APAC(W) 09/05/2020
47.	Participated in Applications of Science in Criminal Investigation	Web Conference	The Department of Chemistry	APAC(W) 13/05/2020
48.	Participated in Artistic Chemistry: Photography	Web Conference	The Department of Chemistry	APAC(W) 16/05/2020
49.	Participated in play with ICT in education	One day online FDP Programme	The department of Computer science	APAC(W) 17/05/2020
50.	Participated in Catalysis: Principles And Applications	Web Conference	The Department of Chemistry	APAC(W) 19/05/2020
51.	Participated in Biodiversity our solutions are in nature	Online Quiz	The department of English	APAC(W) 24/05/2020
52.	Participated in Unlock your Teaching Skills via ICT Tools	One day online FDP Programme	The department of Computer science	APAC(W) 24/05/2020
53.	Participated in Understanding, Addressing, Adolescent Life	Web Conference	The Department of Chemistry	APAC(W) 25/05/2020

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54.	Participated in “drug design & discovery”	virtual workshop	The department of Bio technology	Bansal institute of engineering & technology, lucknow, Uttarpradesh, India. 28/05/2020
55.	Participated in Hormones And Breast Cancer	Webinar	The department of Zoology	Mizoram University, Aizawl, India. 28/05/2020
56.	Participated in Awareness on Coronavirus and Precautions	Online Quiz	The department of Zoology and IQAC	Periyar EVR college, Trichy. 29/05/2020
57.	Participated in Terrace Gardening	A two Days Online Enhancement Programme	The department of Botany	APAC(W) 29 <sup>th</sup> and 30 <sup>th</sup> May 2020.
58.	Participated in Problems Faced Migrant Labours During Lockdown in India due to Covid-19	Web Conference	The Department of Chemistry	APAC(W) 01/06/2020
59.	Participated in Molecular diagnostic Techniques for SARS CoV2	in Virtual Skill Enhancement Program	The PG department of Zoology	APAC(W) 03/06/2020
60.	Participated in Standardization and Regulatory Measures of Herbal Drugs (SRH)	International Twodays online FDP Programme	The department of Botany	Bon Secours College for women, Thanjavur. 03/06/2020 & 04/06/2020
61.	Participated in Corona and its multifaceted implications; Future of our Education and Economy	International Webinar	The PG department of Zoology	Arulmigu Palaniandavar College of Arts and Culture, Palani 05/06/2020
62.	Participated in Innovations in Genetic Testing in the precision Medicine Era	International online Webinar	The PG department of Zoology	APAC(W) 05/06/2020
63.	Participated in Recent Perspective In Siddha system of Medicine	International Twodays online Webinar	Bon Flora Association BSCFW, INDIA & International Association of Ayushpathi, Malaysia	Bon Secours College for women, Thanjavur. 05/06/2020 & 06/06/2020
64.	Participated in National Environment Day Celebration	Taking Pledge	NSS	Nadar Saraswathi College of Arts And science, Theni. 06/09/2020



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65.	Participated in Novel Biotechnological Approaches to Combat emerging Disease with special focus on SARS	International Virtual Conference	The Department of Plant Biology & Plant Biotechnology, associated with corona virus Therapeutics.	Presidency College, Chennai. 26/06/2020
66.	Participated in FTIR & HPLC Instrumentation	International online Webinar	The PG & Research Department of Biochemistry	Rajah Sarafoji Govt. College, Thanjavur. 27/06 2020
67.	Participated in Herbal Medicine Human Welfare	A National level online Quiz	The department of Botany	APAC(W) 22 <sup>nd</sup> to 24 <sup>th</sup> July, 2020
68.	Participated in The Science of Yoga Breathing	International Web Conference	The Department of Plant Biology & Plant Biotechnology	Presidency College, Chennai. 24/07/2020
	Organized in national level awareness E- quiz on world nature conservation day	A National level online Quiz	The Department of Botany	APAC(W) 28/7/2020 to 31/7/2020
69.	Participated in Ethical Standards in a Professional Context	A Seven Days National Level FDP Programme	IQAC CELL	APAC(W) 01/08/2020 to 07/08/2020
70.	Participated in Environment Conservation with Sustainable And Renewable Energy Resources.	International Web Conference	The department of Botany	AVVM Sri Pushpam College, Poondi. 10/08/2020
71.	Participated in Advances in Biological Sciences- 2020	Three Days International Web Conference	The department of Botany & Plant Biotechnology	Bharathiar University, Ciombatore. 17 <sup>th</sup> to 19 <sup>th</sup> August, 2020.
72.	Participated in Awareness Programme on World Ozone Day	A National level online Quiz	The department of Botany	APAC(W) 16/09/2020
73.	Participated in Foreign Languages and Linguistics	One Day Training Cum Orientation Programme	The department of English & Foreign Languages, & Department of Linguistics ,Associated with TANCHE	Bharathiar University, Ciombatore 30/09/2020
74.	Participated in Cognisance and Formulation of core Values in Higher Education	A Seven Days Online FDP Programme	IQAC CELL	APAC(W) 10/03/2021 to 16/03/2021
75.	Participated in World AIDS Vaccine Day 2021	Online Poster Presentation Competition	The department of Chemistry	APAC(W) 18/05/2021

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76.	Organized in National Endangered Species Day	An Online Workshop	The Department of Botany	APAC(W) 21/05/2021
77.	Organized in International Day of Biological Diversity	Online Poster Presentation Competition	The Department of Botany	APAC(W) 22/05/2021
78.	Participated in Ecosystem Restoration	webinar	The Department of Botany	Christ Church College , Kanpur and Federation of Indian Export Organisations(FIE O) 05/6/2021
79.	Participated in Research Reference Writing And Plagiarism Management	Online Webinar	Conducts from Research Ethics Committee	APAC(W) 30/06/2021
80.	Participated in Life skills and wellness during pandemic	A Seven Days Online FDP Programme	AMET Business School Deemed university	5/7/2021 to 11/7/2021
81.	Participated in Research methodologies - application of statistical tools for decision making	One day international FDP	PG and research department of Commerce	Marudharkesarjain college for women 12/7/2021
82.	Participated in The era of change – recent advancements of machine learning in terms of AI and IOT.	Two Week International Faculty Development Programme	Department Of Computer Science And Application	SRM institute of science and technology 12/7/2021 to 25/7/2021
83.	Participated in Phytoremediation	National level online webinar	Department of Botany	G. VenkataswamyNaidu college 10/8/2021
84.	Participated in Probiotics in aquaculture and consumptive use value of marine biodiversity – Aquabio - 2021	International virtual conference	Division of animal husbandry	Annamalai university 18/9/2021
85.	Participated in resent development of life science	Two weeks refresher course	Conducted by HRDC	Mk university 20/10/2021 to 2/11/2021
86.	Participated in research methodology	International webinar	Organized by PG and research department of Zoology	The new college, Chennai 2/12/2021
87.	Participated in scope and opportunities in aquaculture	International webinar	Organized by PG and research department of Zoology	The new college, Chennai 2/12/2021
88.	Participated in Recent advancement in marine bioprospecting	One week virtual FDP	Department of marine Biotechnology, department of food processing	AMET deemed to be university 15/12/2021 to 21/12/2021

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			technology and department of Chemistry.	
89.	Organized national farmer's day celebration	Poster making, easy writing and oratorical competitions are conducted	Department of botany and ECO club	APAC(W) 22/12/2021
90.	Participated in quality enhancement strategies for higher education institutions	National level One week online FDP	Organised by IQAC	Sri Sarada college for women 5/1/2022 to 12/1/2022
91.	Participated in Physics of Materials and Nanotechnology	International level workshop	Organised by Dept. of Physics & Mother Teresa Women s University	APAC(W) 02/08/2022
92.	Participated in Confluence of Revised Guidelines of IQAC	National level One week online FDP	Organised by IQAC	APAC(W) 18/11/2022 to 25/11/2022
93.	Participated and Presented a paper on Entrepreneurship and Sustainable Development	Two Days National level Seminar	Organised by PG and Research Dept. of Commerce	APAC(W) 30/03/2023 &31/03/2023

**Faculty Development Program AndShort Term Courses Attended:**

S.No	Title	Mode	Organising agent	Date
1.	Participated in Ethical Standards in a Professional Context	A Seven Days National Level Online FDP Programme	Organised by IQAC CELLAPAC(W)	01/08/2020 to 07/08/2020
2.	Participated in Cognisance and Formulation of core Values in Higher Education	A Seven Days Online FDP Programme	Organised by IQAC CELL APAC(W)	10/03/2021 to 16/03/2021
3.	Participated in Life skills and wellness during pandemic	A Seven Days Online FDP Programme	AMET Business School Deemed university	5/7/2021 to 11/7/2021
4.	Participated in Recent advancement in marine bio prospecting	A Seven Days Online FDP Programme	Department of marine biotechnology, department of food processing technology and department of chemistry. AMET deemed to be university	15/12/2021 to 21/12/2021
5.	Participated in quality enhancement strategies for higher education institutions	National level seven Days online FDP Programme	Organised by IQACCELL Sri Saradha college for women, Salem.	5/1/2022 to 12/1/2022
6.	Participated in Confluence of Revised Guidelines of IQAC	National level seven Days online FDP Programme	Organised by IQACCELL APAC(W)	18/11/2022 to 25/11/2022

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