



General Information

- a) Name : Dr. K.Anitha
 b) Designation : Assistant Professor
 c) Department : Chemistry
 d) Area of Specialization: Physical Chemistry
 e) Teaching Experience : 14 years & 9 months

Academic Qualification :

Exam Passed	Board/ University	Course	Year	Division / Grade Merit etc.
SSLC	Thiru Janarthana Matriculation School, Karadivavi.	General	1994	I Class with Distinction
HSC	R.G.M.Matriculation School, Udumalpet.	Science	1996	I Class with Distinction
Bachelor's Degree (s) B.Sc.,	P.S.G.R.Krishnammal College for Women, Coimbatore. Bharathiar University.	Chemistry	1999	I Class with Distinction
Master's Degree (s) M.Sc.,	P.S.G.R.Krishnammal College for Women, Coimbatore.	Chemistry	2001	I Class

	Bharathiar University.			
M. Phil	Bharathidasan University, Trichy.	Chemistry	2007	I Class
Ph.D.,	Anna University, Chennai	Chemistry	2016	--

Publications:

1. 'Removal of Acid Dye From Aqueous Solution Using Activated Carbon Prepared from *Albizia amarapod* shell: Dynamic, Equilibrium and Thermodynamics', Rasayan Journal of Chemistry, vol. 7, no. 4, pp. 308-316.
2. 'Effect of Various Carbonization Processes in the Preparation of Nanoporous Carbon Materials using *Albizia amara*Pod Shell Waste for the Removal of Dyes from Textile Industrial Effluents', Journal of Environmental Nanotechnology, vol.3, no. 4, pp. 112-122.
3. 'Adsorption of Reactive Blue 171 from Aqueous Solution using Low Cost Activated Carbon Prepared from Agricultural Solid Waste: *Albizia amara*', Carbon Science and Technology, vol. 7, no. 3, pp. 8-18.
4. 'Film and Pore Diffusion Modelling for Adsorption of Reactive Red 4 onto *Sterculia Quadrifida* Seed Shell Waste', Rasayan Journal of Chemistry, vol. 7, no. 3, pp. 229-240.
5. 'Morphology of entangled multiwalled carbon nanotubes by catalytic spray pyrolysis using *Madhuca longifolia* oil as a precursor', Rasayan Journal of Chemistry, vol. 7, no. 4, pp. 333-339.

6. 'Improvement of Aminoglycoside Activity Against Multi Resistant Escherichia Coli and Staphylococcus Aureus by Pisonia Alba', Journal of Pharmaceutical Negative Results ,vol. 13, no. 7 ,pp.1881-1885.
7. 'Assessment of Anti-Hepatotoxic Effect of Bahuinia tomentosa Linn against Paracetamol induced Hepatocellular Damage in Albino Mice', Research Journal of Pharmacy and Technology, Research Journal of Pharmacy and Technology,vol.16,no.3,pp. 1415 – 1420.
8. 'Evaluation of Skeletal Muscle Relaxant Activity of Aqueous Extract of Morinda Reticulata Gamble Areal parts in Albino Rats', Journal of Pharmaceutical Negative Results, vol. 13 ,no. 7 ,pp.6950-6955.

Details regarding refresher courses / orientation programmes attended:

S.No	Orientation/ Refresher Courses	Subject	Name of the Sponsoring Agency	Place and Date
1.	Orientation	General	UGC-Academic Staff College	Bharathiyar University, Coimbatore. 08.05.2012 to 04.06.2012
2.	Refresher Course	Chemistry	UGC-Human Resource Development Centre	Bharathidasan University, Trichy. 01.02.2014 to 21.02.2014
3	Refresher Course	Chemistry	UGC- Human Resource Development Centre	Madurai Kamaraj University, Madurai. 16.11.2018 to 06.12.2018
4	Refresher Course	Gender Studies(MD)	UGC- Human Resource Development Centre	Madurai Kamaraj University, Madurai. 10.03.2021 to 23.03.2021

5	Refresher Course	Chemistry	UGC- Human Resource Development Centre	Goa University, Goa. 26.07.2022 to 08.08.2022
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Seminars, Conferences, Symposia, Workshops 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.	Global warming on Biodiversity of Insects: Management and conservation – (GW-BIMC'09)	International	Department of Zoology, School of Life sciences	Bharathiar University, Coimbatore. 09.02.2009 to 12.02.2009
2.	The Role of Stakeholders for Quality sustenance in Higher Education	National Level	NAAC	APA College for Women 16.03.2009 to 17.03.2009
3.	Graph Theory and its Applications	State Level	The Dept. of Mathematics	APA College for Women. 31.03.2009.
4.	Techniques on Chromatography and Mass Spectrometry	State Level	The Dept. of Chemistry	APA College for Women, Palani. 15.04.2009.
5.	Recent Developments in Green Chemistry (NSGC-2009)	UGC Sponsored National Level	PG and Research Dept. of Chemistry	Sri Ramakrishna Mission Vidyalala College of Arts and Science, Coimbatore. 22.07.2009 to 23.07.2009
6.	Water Resources and Management	State Level	Karpagam University	Karpagam University, Coimbatore. 07.10.2009 to 09.10.2009
7.	Green Technology- Green Tech- 09	UGC Sponsored	The Department of Chemistry	NGM College, Pollachi. 18.02.2010 to 19.02.2010.

		National Level		
8	Recent Trends In Chemistry (RTC-4)	UGC Sponsored National Level	PG Department of Chemistry	JA College for women, Periyakulam. 18.02.2010 to 19.02.2010
9.	Orientation & Retraining of Teachers	UGC Sponsored	UGC	APA College for Women , Palani 18.09.2010
10	Emerging Trends In Chemistry (ETC-III)	UGC Sponsored National Level	PG Department of Chemistry	C.P.A.College, Bodinayakkanur. 23.09.2010 to 24.09.2010
11	Nano Science & Nano Materials (WNSNM 10)	State Level Workshop	The Dept. of Chemistry	APA College for Women, Palani. 20.10.2010
12.	Operations Research and Its Applications	National Level	The Department of Mathematics	APA College for Women, Palani. 10. 01.2011.
13.	Recent Trends in Emerging Chemistry (RTEC-2011)	National Level	Department of Chemistry with Industrial Applications	GVG Visalakshi College for Women, Udumalpet. 29.01.2011
14.	PROTEOFEST -2011. Global Competitiveness in Biology, Chemistry and Environment: For Better Tomorrow	International Level	Department of Biochemistry	Rev.Jacob Memorial Christian College, Ambilikkai. 03.02.2011.
15	Emerging Trends in Life Science (AURORA-2KXI)	International Level	Dept. of Biochemistry, Physics & Chemistry	Navarasam Arts and Science College for Women, Arachalur. 18.08.2011.

16	Nuclear Energy, Nuclear Reactor & Their Safety – An Overview	State Level	Departments of Physics and Life Science	APA College for Women, Palani. 26.12.2011.
17	Blood Donation Camp	TN State AIDS CONTROL SOCIETY & STATE BLOOD Transfusion council	TN State AIDS CONTROL SOCIETY & STATE BLOOD Transfusion council	APA College for Women 23.03.2012
18.	Capacity Building of Women Managers in Higher Education	Motivation Workshop	UGC Sponsored	Ethiraj College for Women, Chennai. 20.02.2012 to 24.02.2012.
19.	Socio-Religious Philosophies of Pragmatism	National Level Workshop	PG and Research Department of History	APA College for Women 21.03.2012
20.	Emerging Trends in Chemistry	National Level	UGC,CSIR,DST &TNSCST Sponsored	Postgraduate Department of Chemistry, CPA College, Bodinayakanur. 04.10.2012 to 05.10.2012
21.	Applications of Nano Particles, Materrals& Sensors	National Level	UGC,CSIR,DST &DRDO Sponsored	PG and Research Department of Chemistry, The American College, Madurai. 07.12.2012 to08.12.2012.
22.	Healthy Youth,Healthy Nation- Role of University/College	National Level	UGC Sponsored	Gandhigram Rural Institute(Deemed University),

	Teachers in prevention of HIV/AIDS among the youth			Gandhigram. 17.12.2012 to 18.12.2012
23.	Kayakalpa Course		Temple of Conciousness	APA College for Women, Palani 28.01.2013.
24.	Orientation and Retraining of Teachers		UGC-Autonomy	APA College for Women, Palani 02.02.2013
25.	The Widening Horizons of Chemistry (TWHC- (III)-2013)	National Level	The Department of Chemistry	APA College for Women, Palani. 11.02.2013.
26.	Medicinal Plants Diversity –Threats, Conservation and Prospectives	National Level	The Dept. of Botany	APA College for Women, Palani. 01.03.2013
27.	Advances in Differential Equations and Its Applications	National Level	The Dept. Of Mathematics	APA College for Women, Palani. 15.03.2013
28	Voluntary Blood Donation for Community Camp Organisers and Blood Donor Motivator at District Level	TN State AIDS CONTROL SOCIETY & STATE BLOOD Transfusion council	TN State AIDS CONTROL SOCIETY & STATE BLOOD Transfusion council	Blood Bank,GTMCH, Theni. 02.04.2013
29	Energy and Nano Technology	National Level	UGC- Autonomous Department of Physics	APA College for Women, Palani. 12.04.2013
30	Advances in Numerical Analysis and Applied Mathematics	International Level	The Dept. Of Mathematics	APA College for Women, Palani. 24.08.2013.

31	Recent Advancements In Chemical Synthesis	National Level	Dept. of Chemistry,	GVG Visalakshi College for Women, Udumalpet. 28.01.2014
32	Novel Trends in Chemistry	State Level	The Dept. of Chemistry	APA College for Women, Palani. 30.01.2014
33	Chemical and Environmental Research(ICCER-2014)	International	PG and Research Department of Chemistry	Jamal Mohamed College, Trichy 11.03.2014 to 12.03.2014
34	Current Scenario in Material Chemistry	National Level	PG and Research Department of Chemistry	Jamal Mohamed College, Trichy 09.02.2015 to 10.02.2015
35	The Widening Horizons of Chemistry –III (TWHC-(III) -2015)	National Level	The Dept of Chemistry	APA College for Women, Palani. 05.03.2015.
36	Frontier Areas in Chemical Technologies- 2015	National Level	Dept of Industrial Chemistry	School of Chemical Sciences, Alagappa University, Karaikudi 06.03.2015 to 07.03.2015
37	Orientation and Retraining of Teachers		UGC- Autonomy Grant	APA College for Women, Palani. 11.04.2015.
38	Recent trends in organic synthesis and chemical biology	National Seminar	Department of Chemistry	Annamalai University / 09.10.2015 & 10.10.2015
39	Empowering People : Effective social work approaches and strategies	National Conference	Department of Social Science	Bharathiar University, Coimbatore /03.12.2015 & 04.12.2015
40	Latest developments in the applications of laser	International Conference	Department of Chemistry	P.S.G.R. Krishnammal college for

	technology			women,Coimbatore / 07.12.2015
41	Cutting edge technologies in medicinal chemistry	National Seminar	Department of Chemistry	Sakthi college of Arts and Science for Women,Oddanchatram / 30.01.2017
42	Emerging Trends in Chemical Sciences.	International Conference	Department of Chemistry	ArulmiguPalaniandavar Arts College for Women, Palani. On 6 th September 2019.
43	on “Physics of Materials & Nano Technology. (IWPMN -2022)	International Workshop	Organized by Department of Physics.	Mother Teresa Women’s University in Collaboration with ArulmiguPalaniandvar Arts College , Palani. On 02.08.2022.

POSITIONS HELD / LEADERSHIP ROLE PLAYED IN ORGANIZATIONS LINKED WITH EXTENSION WORK AND NATIONAL SERVICE SCHEME (NSS) / NCC OR ANY OTHER SIMILAR ACTIVITY

- Youth Welfare Association (Co-Ordinator) : 2009 to 2016(7 yrs)
- Red Ribbon Club (CoOrdinator) : 2010-2014(4 yrs)
- Eco Club(CoOrdinator) : 2013
- NSS Programme Officer : 2015 to till date
- Deputy Controller of Examinations
- Controller of Examinations
- Advisory Committee Member for NSS
- IQAC Member
- Co-Ordinator for Heritage Club
- Nodal officer for BC Scholarship

Participation in Corporate Life:

Participated in Extension Activity -Narikuravar Colony 2009-2010

AWARDS AND HONOURS

- a) Number of Patents published : 2

- b) Honoured of noble gesture by Tamil Nadu State Aids Control Society and State Blood Transfusion Council for organizing Voluntary Blood Donation Camp at A.P.A.College for women on 12.01.2012.