

BIODATA

1. NAME: : Dr.K.VIGNESWARI
2. QUALIFICATION : M.Sc., Ph.D., B.Ed., DIBT
3. DESIGNATION &DEPARTMENT : Assistant Professor
Department of Chemistry
4. AGE & DATE OF BIRTH : 22-05-1973
5. SEX : Female
6. PERMANENT ADDRESS : Ponmeni, Madurai
7. ADDRESS FOR COMMUNICATION : Department of chemistry, SMGAC, Madurai
8. EDUCATIONAL QUALIFICATION:

S.NO	COURSES	SUBJECT	YEAR OF COMPLETION	INSTITUION
1.	B.Sc	Chemistry	1993	SFR College, Sivakasi
2.	M.SC	Chemistry	1995	SFR College, Sivakasi
3.	B.Ed		1996	Madurai kamarj University

4.	Ph.D	Chemistry	2003	Gandhigram Rural University, Dindigul
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9. Research Work /Experience : 1997 to till date

10. Recognized Research guide
yes/no Applied

11. Area of Specialization : Natural product and Bio organic chemist

12. TEACHING EXPERIENCE:

S.NO	DESIGNATION	PLACE	DURATION	NO.OF YEARS
1.	Professor (PVT)	Kamaraj college of Engineering and Technology, Virudhunagar	09.09.98 to 25.12.2007	10 yrs
2.	Assiatant professor(GOVT)	Sri Meenakshi Government Arts	26.12.2007 to till date	12 years

		College for women, Madurai		
3.				
Total Teaching Experience				22 yrs

13. ORIENTATION/REFRESHER COURSES/OTHER PROGRAMMES & TRAINING:

S.NO	NAME OF THE COURSE	TOPIC	PLACE	PERIOD
1.	Orientation	Intensive Training programming	Madurai Kamarj University	26.12.2007 to 24.01.2008
2.	Refresher	Emerging Trends in Chemistry	do	13.07.2011 to 02.08.2011
3.	Refresher	Environmental Studies	do	01.03.2013 to 21.03.2013
4.	Refresher			

14. INTERNATIONAL PUBLICATIONS:

S. No	CONFERENCE	TITLE	PLACE	PERIOD
1.	International conference on polyphenolics	Study of polyphenolic constituents of Blechnum orientale	Regional Engg. College, Trichy	2-4 Feb 2000
2.	International seminar on Illakiya	Madura nagaril oru tamil sangam	SMGAC, Dept of tamil Madurai	25,26, Feb, 2016

	pathiugalil madurai			
3.	International seminar	Natural Hair dye	SMGAC, Dept of Zoo, madurai	5,6, April, 2016
4.	International conference on Expanding Frontiers in Chemistry	Influence of Zn ²⁺ ion on the corrosion resistance of L-80 alloy in sea water in the presence of inhibitor	Arul Anandar College, Karumathur	13, Sep, 2019
5.	International conference on Expanding Frontiers in Chemistry	New Corrosion inhibitor for L-80 alloy	Arul Anandar College, Karumathur	13, Sep, 2019

NATIONAL PUBLICATIONS:

S. No	Conference	Title	Place	Period
1	National seminar on Bioactive polyphenolics	Anti-inflammatory activity of Aystasia gangetica	REC, Trichy	29 to 31, May, 1997
2	Indian council of chemists, 7 th conference	Chemical and pharmacological studies on cassytha filiformis	University of madras, chennai	26 to 28, Nov, 1998
3	Newer Vistas on Bioactive	Anti-inflammatory and Analgrsic studies of Commiphora caudeta	Gandhigra m Rural	20,21, Dec, 1999

	Agents		Univ, gandhigram	
4	National conference on frontiers of research and development in medicinal plants	Phytochemical investigations of <i>Jasminum angustifolium</i>	St. Xaviers College, Palyayamkottai, Thirunelveli (dt)	30, Jan, 2004
5	Rural biotechnology for sustainable development	Anti-inflammatory activity of <i>Abelmoscus ficulneus</i>	GRI, Dindigul	19,20, Feb, 2004
6.	Recent trends in isolation, characterisation and biological studies of organic compounds	Phytochemical and hepatoprotective study on <i>Asystasia gangetica</i>	GRI, Dindigul	5,6, march, 2004
7	Environmental impact assessment	Assessment of Air pollution	Adhiyaman Engg College, Hosur	29,30, Sep, 2004
8	Environmental impact assessment	Solid waste management	Adhiyaman Engg College, Hosur	29,30, Sep, 2004
9	New Horizon in processing of value added food	Biodegradable films	VVV College, Virudhunagar	28, Feb, 2006
10	New Horizon in processing of value added food	Biodegradable films- pearl millet	VVV College, Virudhunagar	28, Feb, 2006
11	Frontier areas in plant biotechnology	Strategies used in phytoremediation	Ladydock College, Madurai	20,21, Jan, 2006

12	Frontiers in Organic synthesis and medicinal chemistry	Analysis of metal complexes	Periyar University, salem	17,18, Feb, 2011
13	Recent trends in solar energy and Nanoscience	Formation and physio chemical properties of new crystals	GTN College, Dindigul	08, March, 2019
14	Teaching chemistry through New strategies		St, Antony's college, Dindigul	18, sep,2019
15		Water quality parameters	PSG Krishnammal college, Coimbatore	

STATE LEVEL PUBLICATIONS:

S. No	Conference	Title	Place	Period
1	Novel trends in chemistry	Biodegradation of packaging polymers	SFR College, Sivakasi	7,8, Feb , 2007
2	Seminar on gandhian thought	Pulanadakkam	SMAGAC, Mdu	26, sep, 2014

16. Paper Publication in journals

S. No	Journal	Title	Year
1	Asian Journal of Chemistry	Studies on the flowers of <i>Asystasia gangetica</i>	Vol,10, No4, 1998,1029-1031
2	Journal of chemtracks	Chemical and pharmacological studies on <i>Aerva tomentosa</i>	Vol1, No 1, 1999, 75-78
3	Scientific research and essay	Screening of antibacterial and antioxidant activities of leaves of <i>Eclipta prostrata</i>	Vol2, No 4, 2007,101-104
4	Journal of Advanced Biotech	Construction of Microbial consortium for improved biodegradation of starch blended LDPE packaging polymers	2017, 17-19
5	Asian Journal of chemistry	Spectroscopic determination of copper (II) using Nicotin hydroxamic acid	Vol 24, 4,1579

17. CHAIR PERSON FOR INTERNATIONAL/NATIONAL/STATE CONFERENCES:

S. No	Conference	Title	Place
1	International seminar on Recent trends in Interdisciplinary Science	Acted as a jury member for oral and poster presentation (20, sep, 2019)	SFR College, Sivakasi
2	Judge for Regional level exhibition	Kendriya vidyalaya School, Madurai	09.09.2008
3	Judge for Science project exhibition	AAA College of Engineering, Virudhunagar	05.10.2013

18. INVITED TALKS DELIVERED INTERNATIONAL/ NATIONAL / STATE LEVEL CONFERENCES.

S. No	Conference	Title	Place
1	Intercollegiate seminar	Photo Dynamic therapy, 4.10.2000	SFR College, Sivakai
2	DST and CSIR	Biodegradation – A remedy for the	Kamaraj college

	Sponsored national conference on Frontiers in Polymer Science and Technology	existing malady (08.01.2009)	for Engg and tech, Vnr
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19. Books Published

S.No	Title	PUBLISHER NAME	ISBN/ YEAR
1	Engineering g Chemistry per Anna university syllab		
2.	Engineering chemistry I		

19. TECHNICAL TALKS DELIVERED:

S. No	Resource Person	Title	Place
1	Guest lecture	Herbal Drugs(22.12.2006)	SFR COLLEGE,Sivakasi
2	Guest lecture in Zoology major association	Bio sensor(20.07.2007)	VVV college, Vnr,
3	Chemistry Association	Guest lecture on Green chemistry (20.02.2009)	VVV college, Vnr
4	Guest lecture	Biosensor – A Buzz word (29.12.2009)	SFR COLLEGE,Sivakasi
5	Resource person, dept of chemistry	Sustainable chemistry and drug delivery(30.09.2015)	SFR College, Sivakasi
6	Skill development programme	Aptitude skills (3.10.2016)	SMGAC, Madurai
7	Resource person	Simple solutions to spectroscopic problems (28.09.2017)	SFR college,Sivakasi

8	Resource person	Biochemistry of cell senescence and nanosensor (28.09.2018)	SFR college,Sivakasi
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20. SEMINAR/ SYMPOSIA / WORKSHOP ATTENDED:

S NO	NAME & LEVEL OF THE PROGRAMME	TITLE	PLACE	PERIOD
1	Developments and trends in biotechnology	Workshop	Anna univ, Chennai	29 to 30, Nov, 2002
2	Women's executive developments in higher education	do	NEC, Kovilpatti	19,20, Dec, 2003
3	Course on Professional ethics	do	College of Engineering, Guindy, Chennai	18 to 23, May 2004
4	National level workshop on Environment and pollution awareness	do	Kamaraj College of Engg and tech, Vnr	13, Aug, 2004
5	Workshop on IPR and Patent Awareness	do	Ayya nadar janakiammal College, Sivaksi	16 sep, 2004
6	Workshop on nuclear chemistry	do	Thiyagaraja college, maduari	19.09.2009
7	Workshop on Science writing for radio serial programme	do	Vigyan Prachar, DST and MKU	23.08.2011
8	Public finance management system	do	American College, Madurai	24.04.2018
9	E-content development	Do	SRNM College, Sattur	14.08.2019
19	UGC sponsored National seminar on Biodegradation and bioremediation	Seminar	Sourastra college, maduari	17,18.09.2004
10	Seminar on BioEngineering and	Seminar	Kamaraj College of Engg and	08.01.2009

	Bioinformatics		technology, virudhunagar	
11	Seminar on Global warming	Seminar	MKU	25.08.2008
12	Applications of chemistry to current technologies	Seminar	SVN College, Madurai	11.01.2010
13	National conference	Conference	GRI, Dindigul	14.02.2013
14	Radio serial programme	Seminar	MKU, Madurai	19.09.2013
15	Quality enhancement in Higher education	Seminar	SMGAC, Madurai	26.02.2015
16	Frontiers in chemistry	National seminar	Arul Anandar College, Madurai	08.12.2017

21. SEMINAR/ SYMPOSIA / WORKSHOP CONDUCTED:

S NO	NAME & LEVEL OF THE PROGRAMME	TITLE	PLACE	PERIOD
1	Natioal level conference on Current trends in industrial Biotechnology	Advisory committee member	Kamaraj College of Engg and Technology	23,24, Sep, 2004
2	National symposium on Herbotech	Organising secretary	Kamaraj College of Engg and Technology	21,22, Jan, 2005
3	UGC sponsored national seminar on Emerging trends in chemistry	Advisory Committee	SMGAC, Maduri	18.02.2015
4	Seminar on career Guidance	Organising committee	SMGAC, Maduri	12.03.2015
5	Seminar on Skill	Organising	SMGAC, Maduri	03.10.2016 to

	Development programme	committee		07.10.2016
6	UGC sponsored National seminar on Frontiers in chemistry	Organising committee	SMGAC, Madurai	04.01.2017

22. GUIDANCE FOR M.Phil :

S.NO	NAME OF THE STUDENT	M.Phil	UNIVERSITY	YEAR
1.	A.Constance (A 6604998)	M.Phil	Manonmaniam Sundaranar University	April 2008
2.	N.Pandi Devi (066130057)	Phytochemical and Biological studies on <i>Luffa acutangula</i>	Alagappa University	April 2008
3.	S.Subbulakshmi(147203ER015)	Removal of metal ions by low cost ion exchangers	Mother Theresa University	2016
4.	n.Thanalakshmi(147203ER016)	Synergistic effect of corrosion inhibitors	Mother Theresa University	2016

24. GUIDANCE FOR Ph.D UNDER MADURAI KAMARAJ UNIVERSITY, MADURAI: Applied for Guideship

25. OTHER RESPONSIBILITIES HOLD IN SERVICE (CURRENT/ PREVIOUS):

S.NO	NAME OF THE SERVICE/COMMITTEE	PLACE	PERIOD
1.	Science forum-coordinator	SMGAC, Maduari	
2.	PTA-Secretary	SMGAC, Maduari	
3.	Valuation coordinator	SMGAC, Maduari	
4.	Career Guidance committee	SMGAC, Maduari	
5	Research committee	SMGAC Maduri	
5.	Autonomy committee	SMGAC, Madurai	2017(April) to 2020
6	Planning and evaluation committee	SMGAC, Maduari	2019-2020

26. OTHER RESPONSIBILITIES HOLD IN OTHER INSTITUTIONS:

S.NO	NAME OF THE SERVICES/COMMITTEE	PLACE	PERIOD
1	Board of studies member	SFR College, Sivakasi	2008 to till date
2	Member of Research advisory board	Kamaraj college of Engineering and technology, Virudhunagar	15.09.2009
3	Panel judge for staff selection at All India Radio, Madurai	All India Radio, Maduari	10.07.2017
4	Panel member of question setting for TNSET 2017 for chemical sciences	Mother Theresa University, Kodaikanal	20.03.2017

27. AWARDS/MEDALS RECEIVED\

1. Research Award from UGC 16.01.2012

2. Certificate of appreciation from Vigyan Prachar, All India

Radio, Madurai, 03.04.2012

28. MEMBERS IN PROFESSIONAL BODIES

1. Life membership in The Indian Society for Technical

Education

29. RESEARCH PROJECTS

1. Development of Microbial consortium for degrading packaging polymers, Sponsored by DRDE, Gwalior, (Feb 2004-2007)

2. Isolation and Identification of Antihepatic principle from Field grown and In-vitro plants of eclipta prostrate, DRDO, (2003-2005)

30. Radio Programmes delivered

S.NO	Name of the programme	PLACE	PERIOD
1	Live Radio programme on Suzhal kappom	All India Radio, Madurai	14.12.2010
2	Ariviyalin Arputhangal	All India Radio, Madurai	07.04.2011
3	Natural products as drugs	All India Radio, Madurai	13.02.2012
4	Water an elixr of life	All India Radio, Madurai	13.02.2012
5	Pigments	All India Radio, Madurai	29.01.2013
6	Iyarkai Inbam	All India Radio, Madurai	17.08.2014
7	Suzhal inbam	All India Radio, Madurai	23.08.2015
8	Udal-Vazhlkai –vedi porutkal	All India Radio, Madurai	06.12.2016
9	Thrkala vediyal	All India Radio, Madurai	09.09.2017
10	Chemistry in Agriculture	All India Radio, Madurai	2.10.2018

31. Motivational talk delivered

S.NO	Name of the programme	PLACE	PERIOD
1	Talk on self confidence	Muthamil vizha, SMGAC, Madurai	25.02.2012
2	Talk on Nallathor Veenai Seithae	NSS Meeting, SMGAC, Madurai	24.12.2014
3	Talk on Thalamai panpugal	NSS meeting, Mannar Thirumalai College, Madurai	13.03.2017
4	Aram Payilvom siram nimirvom	NSS meeting, SMGAC Meetinh on Youth awakening day celebration	15.10.2019

