

CURRICULUM VITAE

1. **Name** : Lt. Dr. M. Pandeeswaran
2. **Age & Date of Birth** : 43 years & 22/07/1979
3. **Designation & Subject** : Assistant Professor of Chemistry
Associate NCC Officer
4. **Educational Qualification** : M.Sc., Ph.D.,
5. **Date of Appointment** : 01/04/2013
6. **Date of Retirement** : 31/07/2039
7. **Spouse Name and Occupation** : Mrs. K. Senthilvadivu & PG Assistant (Mathematics)
Annamalaiyar Mills Girls Hr. Sec. School, Dindigul



8. a) Qualifications – Academic:

Examinations passed	Register Number	Month & Year of passing	Subject	Class with Marks or Grade	Name of the College/University
Ph.D		March 2011	Chemistry	Commended	Gandhigram Rural Institute – Deemed to be University
M.Sc	02620	April 2004	Chemistry	First class	Gandhigram Rural Institute – Deemed to be University
B.Sc	99301	April 2004	Chemistry	First class	Gandhigram Rural Institute – Deemed to be University
Diploma in Sanitary Inspector	98021	Nov 1999	Sanitary Inspector	Second Class	Gandhigram Rural Institute – Deemed to be University

8. b) Additional Qualifications

Examinations Passed	Board	Year of Passing	Grade
Typewriting English	Department of Technical Education, Chennai	2005	First class
PGDCA	Department of Technical Education, Chennai	2003	First class

9. Teaching Experience

Sl. No.	Place of Service	Period		Designation
		From	To	
1	GTN Arts College, Madurai Kamaraj University	01/04/2013 to Till date	Assistant Professor	
2	Anna University, Dindigul Campus, Dindigul	19-07-2012 to 01-04-2013	Visiting Professor	
3	RVS School of Engineering and Technology, Dindigul	27-01-2011 to 18-07-2012	Assistant Professor	
4	Anna University, Dindigul Campus, Dindigul	27-08-2010 to 12-01-2011	Visiting Professor	

11. Total Teaching Experience:

Under graduate	-	11 Years	3 Months
Post Graduate	-	7 Years	11 Months
Research	-	16 Years	6 Months

- 10. Area of Specialization** : **i) Teaching** - Pharmaceutical and Medicinal Chemistry
Allied Chemistry
Diary Technology and Nanoscience
- ii) Research** - Pharmaceutical Chemistry/
Phytochemical / Environmental chemistry

11. Academic Additional Responsibility

Sl. No.	Designation	Period		Place of Service
		From	To	
1	Associate NCC Officer	15/03/2016 to Till date	GTN Arts College	
2	Micro Observer	April 2019 Semester Exam	MKU-Evening College, Dindigul	
3	COVID-19 Nodal Officer	22-08-2020 to till date	GTN Arts College	
4	Liaison Officer (Nodal officer) for SC/ST Post metric scholarship	22-03-2021 to till date	GTN Arts College	

12. Co-curricular / Extra Curricular Activities in the College

Sl. No.	Designation	Date	Place of Service
1	Chief Invigilator (TNPSC Group-IIA)	06.08.2017	GTN Arts College
2	Chief Invigilator (TNPSC Group-IV)	11.02.2018	GTN Arts College
3	Chief Invigilator (TNPSC Group-II)	11.11.2018	GTN Arts College
4	Chief Invigilator (TNPSC Group-I)	03.03.2019	GTN Arts College

13. Research Experience – M.Phil:

Course	No. of Candidates Awarded	University	Status
M.Phil	21	Madurai Kamaraj University, Madurai	Completed
M.Phil	01	Evening College, Dindigul Madurai Kamaraj University, Madurai	Ongoing

14. Research Experience – Ph.D.

No. of Candidates		University
Awarded	Nil	Nil
Awaiting for <i>Viva Voce</i>	Nil	Nil
Ph.D. in Progress	03	Madurai Kamaraj University, Madurai

15. Ph.D. in Progress

Sl. No.	Name of the Candidate with Regn. No.	Title of the Thesis	Date of Registration
1	K.R. Padmapriya (Reg.No.: F10109)	Rhodium catalyzed transformation of α -diaz compounds for the synthesis of biologically important spirooxindole, benzindole and pyranoindole derivatives	13.08.2018
2	S. Divya Barathi	Phyto-synthesis, isolation, characterization and pharmacology study of silver and gold	13.08.2018

	(Reg.No.: P5517)	nanoparticles using selective medicinal plants.	
3	Rajendra Swami Mareedu (Reg.No.: P5602)	Synthesis of novel pyrimidine derivatives and study of its biological activity.	06.09.2018

16. Orientation Course, Refresher, Short Term Courses Attended

Sl. No.	Name of the Institution/University	From	To
1	UGC Sponsored orientation course, UGC Academic Staff College, Bharathidasan University, Trichy	06-11-2013	03-12-2013
2	Pre Commission course, NCC Officer Training Academy, Kamptee, Nagpur	14-12-2015	12-03-2016
3	UGC Sponsored refresher course, UGC Academic Staff College, Madurai Kamaraj University, Madurai	16-11-2018	06-12-2018

17. Resource Person

- Awareness programme and Medicinal Plants Exhibition on **National Siddha Day** organized by GTN Paramedical College, Dindigul.
- One day seminar on **Global Warming and Climate Change** organized by National Service Scheme, GTN Arts College, Dindigul on 20.09.2019.
- **TNSCST** sponsored **In-Service Training Programme for Science Teacher** organized by Department of Chemistry, GTN Arts College, Dindigul from 11.02.2019 to 15.02.2019.

18. Seminars/Workshops/Conferences/Symposium – Participation

Sl. No.	Theme of Seminar / Workshops / Conferences/ Symposium	Institution/Organisation	Date
1	International Seminar on Emerging Trends in Chemistry and Energy Science	Saraswathi Narayanan college, Madurai	7 th February 2020
2	State Level Workshop on Hands on Training in PCR Techniques	GTN Arts College, Dindigul	5 th March 2019
3	Roll of Youth in Disaster Management	GTN Arts College, Dindigul	4 th January 2019
4	E-content development and MOOC	GTN Arts College, Dindigul	22 nd Dec 2018
5	Swasth Bharat Yatra, a Pan-India Cyclothon	Ministry of Health & Family Welfare, Government of India	31 st Oct 2018

6	Workshop on Examinations Reforms in Higher Education	GTN Arts College, Dindigul	19 th September 2018
7	Climate change, Environment and Agricultural Development in India	GTN Arts College, Dindigul	13 th & 14 th July 2017
8	Global Opportunities for Recent Development in Science and Technology	Rev. Jacob Memorial Christian College, Ambilikkai	25 th January 2017
9	Emerging Trends in Accessing Electronic Resources	GTN Arts College, Dindigul	4 th February 2017
10	Search & Rescue	National Civil Defence College, Nagpur	11 th & 12 th February 2016
11	Workshop on Fundamentals and Applications of Catalysis	Gandhigram Rural Institute (Deemed University), Gandhigram	17 th October 2014
12	National Conference on Recent Advances in Water and Wastewater Treatment	Gandhigram Rural Institute (Deemed University), Gandhigram	21 th & 22 nd March 2014
13	International conference on Chemical and Environmental Research	Jamal Mohamed College, Tiruchirappalli	11 th and 12 th March 2014
14	National level workshop on Modern Trends in Research Methodology	Government Arts College, Karur	14 th February 2014
15	Science Academic Lecture Workshop on Advances in Chemistry	Gandhigram Rural Institute (Deemed University), Gandhigram	6-7 th September 2013
16	National Conference on Recent Advances in Electro analytical Techniques	Gandhigram Rural Institute (Deemed University), Gandhigram	25-26 th February 2010
17	Workshop on Medicinal plants – Perspectives, Prospects & Challenges	Gandhigram Rural Institute (Deemed University), Gandhigram	20-21 th December 2003.

19. Seminars/Workshops/Conferences/Symposium – Paper Presentation

Sl. No.	Title of the Paper	Seminar / Workshop / Conference	Institution where Attended	Year
1	Green Synthesis of Silver nanoparticles using <i>Murraya Koneigii</i> fruit Extracts and its Antimicrobial Activity	National Youth Science Conference for Sustainable Development	Pushkaram College of Agriculture Science Pudukkottai	28 th February 2020
2	Investigation on the inhibitor of zinc metal corrosion in acid medium by 1,2-ethanol thiol	International Conference on Emerging Trends in Chemical Science	Arulmigu Palaniandavar Arts College for Women, Palani	6 th September 2019
3	Phytochemical analysis and green synthesis of	9 th National conference on Natural Science Organized by	Pushkaram College of	24 th August 2019

	nanoparticles by using some important medicinal plants	Bose Science Society	Agriculture Science Pudukkottai	
4	Phytochemical analysis and green synthesis of different metal nano particles with <i>Achyranthes Aspera</i> plant root extract and its biological activity	National conference on Recent Innovations in Phytochemistry	JJ College of Arts and Science, Pudukkottai	21 st & 22 nd August 2019
5	Green Synthesis of Silver nanoparticles using <i>Thespsia Populnea</i> and evaluation of their Antimicrobial Activity	National conference on Biomaterials in Medicinal Chemistry	Madurai Kamaraj University, Madurai	12 th & 13 th April 2017
6	Antioxidant and anti-inflammatory activities of essential oil from fresh grass of <i>cymbopogontravancorensis</i>	National level Seminar on Cutting Edge Technologies in Medicinal Chemistry	Sakthi College of Arts and Science for Women, Oddanchatram	30 th January 2017
7	Removal of phenol from Aqueous solution using Duolite anion exchange polymeric resins	National level Symposium on Applications of Biopolymers and Macromolecule	Rev. Jacob Memorial Christian College, Ambilikkai, Dindigul	25 th January 2017
8		National seminar on new perspectives in science and technology	St. Antony's College of Arts and Science for women, Thamaraipadi, Dindigul	7 th October 2016
9		International Seminar on Nanoscience and technology	Mother Teresa Women's University, Kodaikanal	20 th September 2016
10	Equilibrium and thermodynamic studies on the adsorption of methylviolet onto activated carbon	National Symposium on Recent Developments in Chemistry	Madurai Kamaraj University, Madurai	June 4 th 2016
11	Equilibrium and thermodynamics of methylviolet onto activated carbon	National seminar on Environmental and Sustainable Development	SRM University, Chennai	June 4 th 2016
12		National conference on Biomaterials and Medicinal Chemistry	Madurai Kamaraj University, Madurai	Dec 21 st & 22 nd 2015
13		UGC sponsored one day national level seminar on Recent Advances in	GTN Arts College, Dindigul	18 th March 2015

		Chemistry		
14		International conference on Recent Advances in Materials and Chemical Sciences	Gandhigram Rural Institute (Deemed University), Gandhigram	Dec 14 th & 15 th 2015
15		National Conference on Recent Advances in Chemical Sciences	University College of Engineering (Anna University), Dindigul	February 20 th 2013
16		National Seminar on Modern Trends in Chemistry – MTC 2012 Green Chemistry	PSNA College of Engineering and Technology, Dindigul	23 to 24 th February 2012
17		11 th CRSI National Symposium in Chemistry	National Chemical Laboratory, Pune, Maharashtra, India	6 to 8 February 2009
18		National Conference on Recent Advances in the study of Transition metal complexes	V.H.N. Senthikumara College, Virudhunagar	August 14 th 2008
19		National Conference on Recent Trends in Co-Ordination Chemistry and Organometallic Chemistry	Sri Ramakrishna Mission Vidyalaya College, Coimbatore	July 17 th 2008
20		International Conference on Advanced Materials	Mahatma Gandhi University, Kottayam, Kerala	February 18 th – 21 th 2008
21		National Seminar on Current Developments in Chemistry	Bharathiar University, Coimbatore	January 18-19 th 2007
22		CRSI Seminar on Recent Advances in Chemistry	Annamalai University, Annamalai Nagar	March 10-11 th 2006

20. Seminars/Workshops/Conferences/Symposium – Organized

S.No	Name of the programme
1	Symposium on World Cancer Day organized by Department of Chemistry on 04.02.2021 held at GTN Arts College (Autonomous), Dindigul.
2	Symposium on National Voter Day organized by District Collector on 25.01.2021 held at GTN Arts College (Autonomous), Dindigul.
3	TNSCST sponsored A State Level Seminar on Emerging Recent Trends in Chemical Science –

	2K19 (ECTS-2K19) on 18-10-2019 held at GTN Arts College (Autonomous), Dindigul.
4	District Level Interschool “Science Exhibition” for high school and higher secondary school students on 05.10.2019, held at GTN Arts College (Autonomous), Dindigul.
5	UGC – Autonomy grant sponsored National Conference on Recent Trends in Solar Energy and Nano Science (SENS-2019) on 8-03-2019 held GTN Arts College (Autonomous), Dindigul.
6	Alchimista’19 – An intercollegiate meet Organized by Department of Chemistry, G.T.N Arts College, Dindigul on GTN Arts College (Autonomous), Dindigul.
7	UGC sponsored one day National Level Seminar on Recent Advances in Chemistry on 18-03-2015 held at GTN Arts College, Dindigul.
8	National conference on Recent Advances in Chemical Science on 20 th February 2013 held at Anna University College of Engineering, Dindigul Campus, Dindigul.

21. List of Publications

International Journals

Sl. No.	Title of the Article	Name of the Journal	Volume, Year, Page No.	ISSN No.	Impact Factor	Scopus Index Yes / No
1	Biosynthesis of silver nano particles using extracts of <i>thespesia populnea</i> (<i>poovarasum</i>) leaves and antimicrobial potential study	Emperor International Journal of Finance and Management Research	4 (2), 142-148, 2018	2395-5929		yes
2	Chemical composition and <i>in-vitro</i> antioxidant and anti-inflammatory activities of essential oil from fresh grass of <i>cymbopogontravancorensis</i>	International Journal of Technical Research & Science	1 (10), 372-379, 2017	2454-2024		yes
3	Removal of phenol from aqueous solution using Duolite-A-171 Duolite-A-368 plus and Duolite-S-861 polymeric resins	International Journal for Innovative Research in Multidisciplinary Field	2 (10), 375-387, 2016	2456-6683		yes
4	Synergistic corrosion	Int. J. Advanced	3,	2347-7601		yes

	inhibition effect of carbon steel in sea water by Hydroxyproline-Zn ²⁺ system	Chemical Sci. and Application	54-59, 2015			
5	Enrichment of biogas production from mixture of rubber seed cake and cow dung using TiO ₂ catalyst and Temperature.	Int. J. Renewable Energy Technology	6, 1-17, 2015	1757-3971		yes
6	Spectroscopic studies on the complexation of iodine with antihistamine drugs.	Journal Solution Chemistry	41, 2096-2106 2012	0095-9782	1.22	yes
7	Spectroscopic studies on the interaction of cilostazole with iodine and 2,3-dichloro-5,6-dicyanobenzoquinone.	Spectrochimica Acta Part A	78, 375-382, 2011	1386-1425	2.880	yes
8	Spectroscopic studies on the interaction of cimetidine drug with biologically significant σ - and π - acceptors.	Spectrochimica Acta Part A	75, 1462-1469 2010	1386-1425	2.880	yes
9	Electronic, raman and infra-red spectral investigations of the charge transfer interactions between ketoconazole and povidone drugs with iodine.	Spectrochimica Acta Part A	72, 789-795, 2009	1386-1425	2.880	yes
10	Spectroscopic studies on the dynamic of charge-transfer interaction of pantoprazole drug with DDQ and iodine	International Journal of Chemical kinetics	41, 787-799, 2009	1097-4601	1.416	yes
11	Spectroscopic studies on the molecular complex of the drug atenolol with iodine	Journal of Solution Chemistry	38, 1558-1572 2009	0095-9782	1.22	yes
12	Solvent effect on the spectrokinetic studies on the molecular complexes of dextromethorphan and atenolol drugs with DDQ	International Journal of Chemical kinetics	40, 559-568, 2008	1097-4601	1.416	yes
13	Spectroscopic and kinetic studies on the interaction of ketoconazole and povidone drugs with DDQ	Spectrochimica Acta Part A	69, 1082-1088 2008	1386-1425	2.880	yes
14	Solvent effect on the charge	Spectrochimica	65,	1386-1425	2.880	yes

	transfer complexes of oxatamide with 2,3-dichloro-5,6-dicyanobenzoquinone	Acta Part A	1148-1153 2006			
15	Solvation model for the oxidation of methionine by imidazoliumfluorochromate in aqueous acetic acid medium.	J. Serb. Chem. Soc.,	71, 19-25, 2006	0352-5139	0.797	yes
16	Kinetics and mechanism of oxidation of methionine by quinoliniumchlorochromate	J. Serb. Chem. Soc.,	70, 145-151, 2005	0352-5139	0.797	yes

National Journals

Sl. No.	Title of the Article	Name of the Journal/Book	Publisher Name	Volume, Year & Page No.	ISSN No.	Impact Factor	Scopus Index Yes / No
1	Spectroscopic and physicochemical studies on the charge-transfer complex of dextromethorphan drug with iodine.	Journal of Indian Chemical Society	Indian Chemical Society	86, 38-43, 2009	0019-4522	0.10	Yes
2	Charge-transfer complexes of ofloxacin, chlorpheniramine, azacyclonol and indapamide drugs with 2,3-dichloro-5,6-dicyanobenzoquinone	Journal of Indian Chemical Society	Indian Chemical Society	85, 399-405, 2008	0019-4522	0.10	Yes
3	Solvent effects on the kinetics of oxidation of methionine by nicotiniumdichromate .	J. Indian Chem. Soc.,	Indian Chemical Society	83, 895-898, 2006	0019-4522	0.10	Yes
4	Contrasting solvent effects on the oxidation of methionine by quinoliniumfluorochromate	J. Indian Chem. Soc.,	Indian Chemical Society	82, 616-619, 2005	0019-4522	0.10	Yes

22. Awards / Recognition Received

Sl. No.	Institutional Level	State Level	National Level	International Level
1	-	-	Junior Research Fellow	-
2	-	-	Senior Research Fellow	-

23. Membership in Academic Bodies / Editorial Boards and Board of Studies

1. Gandhigram Rural Institute – Deemed to be University, Gandhigram

24. Paper Setters / Examiner ship in other Institutions

1. Gandhigram Rural Institute – Deemed to be University, Gandhigram
2. Hajee Karutha Rowther Howdia College, Uthamapalayam.
3. The American College, Madurai.
4. Sourashtra College, Madurai.
5. Gobi Arts and Science College, Gobichettipalayam.

25. Students' Welfare Activities

1. To maintain the discipline inside the college campus
2. To create the motivation about the Armed Forces and Uniform Services

26. Co-curricular / Extra Curricular Activities in the College

1. Associate NCC Officer
2. First Responder in Disaster management

27. Social Responsible Activities

1. 13th march 2016, Rally was conduct regarding Prohibition of Methanol and Environmental Pollution.
2. Celebration of Women's day on 8th March 2016.
3. Awareness program on How to join armed force 14th Feb 2016.
4. Helmet awareness rally program on 30th June 2015.
5. Awareness Programme on Dengue fever and Swin flu on 06-03-2015 held at GTN Arts College, Dindigul.
6. International day of Yoga program on 21-05-2015 held at GTN Arts College, Dindigul.
7. Awareness camp against Drug Abuse and illicit Trafficking program on 10-03-2014 held at GTN Arts College, Dindigul.

28. Membership in Academic Bodies / Editorial Boards /Reviewer and Board of Studies

1. Indian Journal of Natural Science (IJONS).
2. International Journal of Pharmacognosy and Phytochemical Research (IJPPR).
3. International Journal of Analytical Chemistry (IJAC).