


FACULTY PROFILE

DEPARTMENT OF CHEMISTRY

I. PERSONAL DETAILS

Name	Dr.S.Manimekalai	
Designation	Assistant Professor in Chemistry, Yadava College	
Qualification	M.Sc.,M.Phil.,Ph.D	
Area Of Specialization	Organic Chemistry	
Mobile No	8838878319	
Email id	chem.mani.08@gmail.com	

II. EDUCATIONAL QUALIFICATION

S.NO	DEGREE	INSTITUTION/UNIVERSITY	YEAR OF PASSING
1	Ph.D	M.K.University	2018
2	M.Phil	S.F.R College	2008
3	M.Sc	S.F.R College	2007
4	B.Sc	Arul Anandar College	2005

TEACHING EXPERIENCE

S.NO	PREVIOUS EMPLOYERS	NO.OF YEARS EMPLOYED
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1	Yadava College	2008-2013
2	E.M.G. Yadava Women's College	2013-october2026
3	Yadava College	November 2026-till now

RESEARCH ACCOMPLISHMENTS

ORIENTATION/REFRESHER/TRAINING PROGRAMMES/FDP ATTENDED

S.NO	Date	NAME OF THE COURSE/PROGRAMME	NAME OF THE INSTITUTION/UNIVERSITY
1	06.10.2016	One day training workshop on Careers in Chemistry	Yadava College
1	01.05-2020 to 02.05-2020	Three days Online Faculty Development Program	Lala Lajpat Sai College of Commerce and Economics
2	8.5.2020	International Faculty Development Program	Sri Kanyaka Parameswari Arts and Science College for Women, Chennai
3	11.05-2020 and 12.05-2020	Two days Faculty Development Program	Fatima College, Madurai
4	13.05-2020	International Faculty Development Program	Aarupadai Veedu Institute of Technology, Chennai
5	14.05-2020 and 15.05-2020	Faculty Development Program	V.V.Vaniaperumal College for Women, Virudhunagar
6	15.05.2020	Faculty Development Program	Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, University of Delhi under the PMMMNTT of MHRD
7	28.05.2020 and 29.05.2020	Two days Online Faculty Development Program	Srimathi Devkunvar Nanalal Bhatt Vishnava College for Women, Chennai
8	7.7.2020 to 13.7.2020	One Week YouTube Video Tutorial Faculty Development Programme (FDP)	RUSA-M.V.Muthiah Government Arts College for Women, Dindigul,
9	06-01-2026 to 10-01-2026	06-01-2026 to 10-01-2026	Sourashtra College Council and Internal Quality Assurance Cell

NATIONAL/INTERNATIONAL SEMINAR-Paper presented

S.NO	Date	EVENT NAME	INSTITUTION NAME
1	8.09.2017 & 9.09.2017	DST and SERB sponsored International Conference	Bishop Heber College, Tiruchirappalli
2	24-25, 2017	UGC sponsored National Seminar	VHNSN College, Virudhunagar
3	27 th January 2017	national level seminar	Ananda College, Devakottai
4	25 & 26.07.19	RUSA sponsored International conference	Alagappa University, Karaikudi
5	22.09.22 & 23.09.22	National level conference	Annamalai University
6	17.12.25	One day UGC Sponsored National Conference on Expanding Frontiers in Chemistry- EFC 26	Arul Anandar College, Karumathur, Madurai.
7	26-28.12.2025	International Conference on Innovations in Science, Technology, Management and Public Health (ICISTMPH)	Yadava College, Madurai
8	13.02.26	One-day International seminar on Modern Trends in Chemistry (MTC-2026)	Nadar Mahajana Sangam, S. Vellaichamy Nadar College, Madurai
9	24.02.26	One-day National conference on Recent Trends in Sustainable Energy Materials	Mannar Thirumalai Naicker College, Madurai
10	06.03.26	National Conference on Corrosion Awareness Day	Loyola College, Chennai-34

ARTICLES PUBLISHED IN JOURNALS / MAGAZINES

S.NO	TOPIC	NAME OF THE JOURNAL/MAGAZINE	NATIONAL/ INTER NATIONAL	IMPACT FACTOR	YEAR
1.	Antimicrobial activity of 6-aryl-4-methyl-2-oxo-1, 2, 3, 6-tetrahydropyrimidine-5-(N-aryl) carboxamides: A structure-reactivity study	International Journal of Pharmaceutical, Chemical and Biological Sciences	International	----	2017
2	Synthesis and Biological Activity of Novel Biginelli type Heterocyclic Compounds: A Structure-Reactivity Study	European Journal of Biomedical and Pharmaceutical Sciences	International	4.382	2017

3	Synthesis and Antibacterial activity of 6-aryl-4-methyl-2-thio-1, 2, 3, 6-tetrahydropyrimidine-5-(N-aryl)carboxamides: A Structure-Reactivity Study	World Journal of Pharmaceutical Research	International	7.523	2017
4	Effect of substituent on the ¹³ C-NMR chemical shifts of substituted 5-benzylidenebarbituric acids (10.5958/0974-4150.2018.00010.X)	Asian Journal of Research in Chemistry	National	-	2018
5	Electrochemical Studies on the Corrosion Behaviour of Orthodontic Wire made of Ni-Cr Alloy in Artificial Saliva in the presence of Cinnamon Powder	International Journal for Multidisciplinary Research (IJFMR)	International	-	2025
6	An Investigation on Electrochemical Corrosion Resistance of 18K Gold Alloy in Artificial Saliva in the Presence of Cinnamon Powder	Journal of Emerging Technologies and Innovative Research (JETIR)	International		2025
7	Evaluation of corrosion resistance of 18k gold alloy in artificial saliva in the presence of fennel powder	International Journal on Science and Technology (IJSAT)	International		2025
8	Electrochemical Studies on the Corrosion Behavior of Orthodontic Wire made of Ni-Cr Alloy in Artificial Saliva in the Presence of Clove Powder.	International Journal of Novel Trends and Innovation	International		2026
9	Influence of Fennel Powder on the Corrosion Resistance of 21K Gold Alloy in Artificial Saliva	International Journal of Versatile Research and Analysis	International		2026
10	Study on the influence of Cinnamon Powder on the corrosion resistance of 21K Gold Alloy in Artificial Saliva (Accepted)	RSIS International Journal	International		2026

ICT ENABLED TEACHING METHODS USED

S.NO	TEACHING METHODS
1	Power point presentation
2	Lecturer upload in you tube
3	PPT upload in slide share

S.NO	DATE	TITLE	SOCIAL NETWORK (YouTube, Slideshare, Blog, MOOCs, Others)	LINK
1	6.06.2020	Terpenoids	You Tube	https://youtu.be/6gPc65m4OwA
2	9.06.2020	Terpenoids Part II	You Tube	https://youtu.be/Vh1wJwQXKwk
3	9.06.2020	Terpenoids Part III	You Tube	https://youtu.be/JI7_4Yxeqq0
4	09.08.20	Chemdraw	Slideshare	https://www.slideshare.net/manimekalai34/chemdraw-day-3
5	09.08.20	¹ H NMR spectrum	Slideshare	https://www.slideshare.net/manimekalai34/1-h-nmr-spectrum-using-chemdraw-237693235
6	18.12.20	General Chemistry	Slideshare	https://www.slideshare.net/manimekalai34/general-chemistry-unit-iv
7	13.05.21	Amino acids and proteins	Slideshare	https://www.slideshare.net/manimekalai34/aminoacids-and-proteins
8	24.11.21	Interhalogen compounds	Slideshare	https://www.slideshare.net/manimekalai34/inter-halogen-compounds
9	24.11.21	Interhalogen compounds continue	Slideshare	https://www.slideshare.net/manimekalai34/interhalogen-compounds-250718761
10	15.11.21	Aromatic aldehydes, ketones and carboxylic acids	You Tube	https://youtu.be/i0J274IwGLQ

Act as Resource Person

S.NO	DATE	TITLE OF THE PROGRAMME/ EVENT NAME	NAME OF THE INSTITUTION	DISTRICT/STATE/NATIONAL/INTERNATIONAL
1	30.01.2014	“Chemical Kinetics”	Yadava College	District
2	05.03.2015	Practical Chemistry	Yadava College	District
3.	09.11.2021	Traits to become a Women Entrepreneur	EMG Yadava Women’s College	College level
4.	16.09.22	One day inter college seminar and competition- acted as judge	Yadava College	District
5	06.01.2026	Hands on Training on Thin Layer Chromatography	G.T.N. Arts College (Autonomous)	State

S.NO	COMPUTER LANGUAGE/TECHNICAL SKILLS
1	MS Office
2	Origin Software
3	Avogadro software
4	Programming Language -C
5	UV-Vis Spectrophotometer
6	IR-spectroscopy instrument
7	Cyclic Voltammetry

S.NO	TITLE OF THE BOOK/ CHAPTERS/ PROCEEDINGS	TITLE OF THE PAPER	PUBLISHER DETAILS	ISBN/ISSN OF THE PROCEEDINGS & year
1	TITLE OF THE BOOK Chapter-Entrepreneurship in Higher Education	Chemical education and entrepreneurial skills development	PCF Publications	ISBN-978-93-92560-13-2 & 2021

2	TITLE OF THE BOOK: Instrumental Methods of Chemical Analysis	---	VEDA PUBLICATIONS	ISBN: 978-93- 91930-62-2 & 2025
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LANGUAGE PROFICIENCY

S.NO	LANGUAGES	READ	WRITE	SPEAK
1	Tamil	Yes	Yes	Yes
2	English	Yes	Yes	Yes

Father's Name : V. Sengalani
 Husband Name : P. Tamilselvam
 Date of birth : 01.05.1985
 Sex : Female
 Nationality : Indian
 Caste : BC -Yadava
 Permanent address : 1/137-17 Allied Garden, Poriyalar Nagar, Thiruppalai, Madurai-625014,
 Tamil Nadu.

Declaration

I hereby declare that the information given above is true to the best of my knowledge and belief.

Yours Sincerely,



Dr.S.Manimekalai