

Department of Chemistry – AY 2024-25

Department Activities

Guest Lecture / Invited Lecture

S. No.	Date	Name and Designation of the Resource Person	Topic
1	23-SEP-24	Dr. K. Gopal Assistant Professor Department of Chemistry PSG College of Arts and Science, Coimbatore	SPINTRONIC-A SPIN TO REMEMBER
2	23-DEC-24	Dr. P. Selvakumar Assistant Professor Department of H&S, Gokaraju Rangaraju Institute of Engineering and Technology Hyderabad	Computational Approaches for Drug Design and Toxicity Prediction

Seminar / Workshop / Conferences organized

S. No.	Date	Nature of the Event (Conference/ Seminar/ Workshop)	Title of the Event	Resource Person
1	24-SEP-24	Workshop	Synthesis of Nanoparticles by Self-sustained exothermic and eco-friendly method	Dr. R.Ravikumar, Associate Professor Dr. M.Mohanraj, Assistant Professor
2	08-JAN-25 & 09-JAN-25	Conference	International Conference on Innovations in Chemical Sciences	1. Dr. R. Ranjith kumar Associate Professor Department of Chemistry Central University of Tamil Nadu Thiruvavur

				2. Prof. Dr. Mongkol Sukwattanasinit Faculty of Science Chulalongkorn University Bangkok Thailand
3	20-FEB-25	Symposium	CHEM FIESTA'25	Dr. S. Ponnuswamy Associate Professor Department of Chemistry Government Arts College, Coimbatore

Student Development Programme

S. No.	Date	Title	Resource Person
1	12-DEC-24	Upgrading Research Insights through Internship	Mr. S. Bharath, II M.Sc Chemistry, Dr. NGP Arts and Science College, Coimbatore
2	24-MAR-25	Internship - Importance and Career Trends	Mr. V. Abinash I M.Sc. Chemistry Dr. N. G. P. Arts and Science College

Faculty Professional Development Programme

S. No.	Date	Title	Resource Person
1	28-OCT-24	Blending Indigenous Knowledge with Modern Chemistry	Dr.V.Nijarubini
2	29-OCT-24	Universal Human Values: A Path to lead a Happy life	Dr.J.Saranya

3	28-DEC-24	Important Role of Cyclic Di-keto Compounds to Heterocyclic Systems	Dr. R. Rajkumar
4	28-FEB-25	Structure and Bonding in Metals	Dr. M. Mohanraj
5	26-MAR-25	Advancements in Biopolymer Based Sustainable Food Packaging Materials	Dr. R.Menaka

Alumni Interaction

S. No.	Date	Title	Alumni
1	17-AUG-24	How to crack JAM	Mr. A. Adul Vasan II M.Sc Chemistry IIT Madras, Chennai
2	08-OCT-24	Strategic Plan to Clear NET Exam	Mr.S.Dinesh kumar Freelancer Abdul Kalam Institute for IIT-JEE & NEET Coimbatore

Extension Activities

S. No.	Date	Nature of the extension	Place	Students involved
1	26-FEB-25	School Out Reach Programme	Govt Middle School, Ramakrishna puram, Ganapathy	25
2	08-FEB-25	Career guidance in chemistry	White Eagle Public School, Annur	35

Co-curricular Activities

S.No	Date	Name of the Event
		NIL

Other Activities

S. No.	Date	Title	Resource Person
1	10-MAR-25	Intradepartmental Competition On From Lab to Life: The Magic Behind Everyday Chemistry	Dr. P. Kavitha
2	27-MAR-25	Field Visit to "Sri RamKarthik Polymers PVT Limited, Kovilpalayam, Coimbatore-641 110"	Dr. R. Menaka

Department Achievements

Awards and Prizes for Staff

S.No	Date	Name of the Staff	Name of the Award	Awarded by
		NIL		

Staff Recognitions

S. No.	Date	Name of the Staff	Nature of Recognition	Organization / Institution
1	26-MAR-25	Dr. Menaka R	Creative and Innovative Researcher Award	SNS Trust
2	26-MAR-25	Dr. Mohanraj M	Creative and Innovative Researcher Award	SNS Trust

Staff Participation

S. No.	Date	Name of the Staff	Event	Organization / Institution
			NIL	

Staff Publication

S. No.	Name of the Faculty	Title	Journal Name	ISSN / ISBN No. Date of publishing Vol. No.	Impact Factor	SCI/WoS/UGC/ SSCI/Scopus
1	Dr. J. Saranya	Assessment of the inhibition of carbon steel corrosion by an imidazole derivative in 1 M HCl: Experimental and theoretical approaches	International Journal of Electrochemical Science	20 (2025) 100978 1452-3981	1.9	SCI
2	Dr. J. Saranya	Experimental and computational identification investigations of anticorrosion of Cistus Ladaniferus essential oil for mild steel in hydrochloric solution	International Journal of Electrochemical Science	20 (2025) 100968 1452-3981	1.9	SCI
3	Dr.M. Dineshkumar, Dr. R. Ravikumar, Dr. R. Rajkumar, Dr. M. Mohanraj	In-Vitro Assessment Of 4-Piperidone Phenyl Hydrazones As Antimicrobial Agents	IAPQR Transactions	50 (1) (2025) 152 0970-0102	-	UGC
4	Dr.M. Dineshkumar, Dr. R. Ravikumar,	Environmentally Benign Synthesis Of Copper Oxide Nanoparticles Using Grevillea Robusta Leaf Extract: Characterization And Photocatalytic Property	IAPQR Transactions	50 (1) (2025) 144 0970-0102	-	UGC
5	Dr. J. Saranya	Corrosion inhibition performance of imidazole derivative for protection of carbon steel in hydrochloric acid solution:	International Journal of Electrochemical Science	20 (2025) 101015 1452-3981	1.9	SCI

		Experimental and theoretical analysis				
6	Dr. J. Saranya	Inhibitory effect of novel synthesized imidazolone-derived heterocyclic compounds on mild steel corrosion in hydrochloric acid: Electrochemical, surface analysis, and theoretical studies	International Journal of Electrochemical Science	20 (2025) 101026 1452-3981	1.9	SCI

Students Participation

S. No.	Date	Name of the Student(s)	Event	Organization / Institution	Prize won
1	10-SEP-24	K. Mithra	CHEMJAM	PSGR Krishnammal College for Women	II Prize
2	10-SEP-24	K. Mithra	CHEMQUIZ	PSGR Krishnammal College for Women	
3	24-SEP-24	K. Mithra	Profeast 2024	Sri Ramakrishna College of Arts and Science	
4	25-FEB-25	K. Mithra	National Science Day	Government Degree College	
5	21-FEB-25	Anusha Roselin M	Drug Awareness Mime Competition	Sri Ramakrishna College of Arts and Science	
6	10-SEP-24	Anusha Roselin M	CHEMQUIZ	PSGR Krishnammal College for Women	III Prize
7	10-SEP-24	Anusha Roselin M	CHEM MODEL / CHEM POSTER	PSGR Krishnammal College for Women	II Prize
8	10-SEP-24	Anusha Roselin M	CHEMJAM	PSGR Krishnammal College for Women	II Prize
9	24-SEP-24	Anusha Roselin M	Profeast 2024	Sri Ramakrishna College of Arts and Science	
10	04-MAR-25	A. Powshiya	NCACBS-25	Karpagam Academy of Higher Education	
11	04-MAR-25	K. Durga Devi	NCACBS-25	Karpagam Academy of Higher Education	
12	10-SEP-24	A. Hariharan	CHEMUTSAV	PSGR Krishnammal College for Women	
13	25-FEB-2025	A. Hariharan	National Science Day	Government Degree College	
14	19-MAR-25	V Theeksha	Texperia 2025	SNS College of Technology	
15	24-SEP-24	V Theeksha	Profeast 2024	Sri Ramakrishna College of Arts and Science	
16	04-MAR-25	V Theeksha	NCACBS-25	Karpagam Academy of Higher Education	
17	23-JAN-25	V Theeksha	ICAMST 2025	PSGR Krishnammal College for Women	
18	10-SEP-24	S Kavya	CHEMQUIZ	PSGR Krishnammal College for Women	

19	03-SEP-24	S Kavya	Free Human Resource Skill Workshop	Tareeqa Global Solution Pvt Ltd	
20	25-FEB-25	S Kavya	National Science Day	Government Degree College	
21	30-JAN-25	R. Lakshmi Nanda	ISACS 2025	Nirmalagiri college , Kerala	
22	09-SEP-24	S.Miruthula	Bioanalytical Techniques	Sacred Heart College Tirupattur	
23	04-NOV-24	S.Miruthula	Chromatography - An overview	Sacred Heart College Tirupattur	
24	09-SEP-24	Rooba Shri L	Bioanalytical Techniques	Sacred Heart College Tirupattur	

Staff Presentation

S. No.	Date	Name of the Staff	Name of the Event	Title of Presentation	Organization / Institution
1	08-NOV-24 & 09-NOV-24	Dr. P. Kavitha	International Conference	iNEEBA 2024	Vinayaka Mission's Kirupananda Variyar Arts and Science College
2	08-NOV-24 & 09-NOV-24	Dr. J. Saranya	International Conference	iNEEBA 2024	Vinayaka Mission's Kirupananda Variyar Arts and Science College
3	23-JAN-25 & 24-JAN-25	Dr. J. Saranya	International Conference	ICAMST 2025	PSGR Krishnammal College for Women
4	07.01.2025	Dr.M. Dineshkumar	National Conference	AMMNC	Vellalar College for Women, Erode
5	08-NOV-24 & 09-NOV-24	Dr. V.Nijarubini	International Conference	iNEEBA 2024	Vinayaka Mission's Kirupananda Variyar Arts and Science College
6	08-NOV-24 & 09-NOV-24	Dr. R.Menaka	International Conference	iNEEBA 2024	Vinayaka Mission's Kirupananda Variyar Arts and Science College
7	04-JUL-24 & 05-JUL-24	Dr. R.Menaka	National Seminar Paper 1	IKS 2024	Dr.N.G.P Arts and Science college

8	04-JUL-24 & 05-JUL-24	Dr. R.Menaka	National Seminar Paper 2	IKS 2024	Dr.N.G.P Arts and Science college
9	04-JUL-24 & 05-JUL-24	Dr. R.Menaka	National Seminar Paper 3	IKS 2024	Dr.N.G.P Arts and Science college
10	07-FEB-25 & 08-FEB-25	Dr. M. Mohanraj	International Conference	RTMCMS	JAIRAM ARTS AND SCIENCE COLLEGE
11	23-JAN-25 & 24-JAN-25	Dr. M. Mohanraj	International Conference	ICAMST 2025	PSGR Krishnammal College for Women
12	07-JAN-25	Dr. M. Mohanraj	National Conference	AMMNC	Vellalar College for Women, Erode
13	07-FEB-25 & 08-FEB-25	Dr. M. R. Ezhilarasi	International Conference	RTMCMS	JAIRAM ARTS AND SCIENCE COLLEGE
14	07-JAN-25	Dr. M. R. Ezhilarasi	National Conference	AMMNC	Vellalar College for Women, Erode
15	09-JUL-2024	Dr. M. R. Ezhilarasi	International Conference	ICCS-II-2024	PSG College of Arts and Science
16	04-JUL-24 & 05-JUL-24	Dr. R.Rajkumar	National Seminar Paper 3	IKS 2024	Dr.N.G.P Arts and Science college
17	23-JAN-25 & 24-JAN-25	Dr. R.Rajkumar	International Conference	ICAMST 2025	PSGR Krishnammal College for Women
18	07-JAN-25	Dr. R.Rajkumar	National Conference	AMMNC	Vellalar College for Women, Erode
19	07-FEB-25 & 08-FEB-25	Dr. R.Rajkumar	International Conference	RTMCMS	JAIRAM ARTS AND SCIENCE COLLEGE
20	04-MAR-25	Dr. R.Rajkumar	National Conference	NCACBS-25	Karpagam Academy of Higher Education
21	07-JAN-25	Dr. R. Ravikumar	National Conference	AMMNC	Vellalar College for Women, Erode
22	07-FEB-25 & 08-FEB-25	Dr. R. Ravikumar	International Conference	RTMCMS	JAIRAM ARTS AND SCIENCE COLLEGE

Students Presentation

S.No	Date	Name of the Student	Name of the event	Title of Presentation	Organization / Institution
1	08-NOV-24	Sangeethkumar	International Conference	iNEEBA 2024	Vinayaka Mission's Kirupananda Variyar Arts and Science College
2	08-NOV-24	Gokul	International Conference	iNEEBA 2024	Vinayaka Mission's Kirupananda Variyar Arts and Science College
3	08-NOV-24	D. Yukesh	International Conference	iNEEBA 2024	Vinayaka Mission's Kirupananda Variyar Arts and Science College
4	23-JAN-25	K Mithra	International Conference	ICAMST 2025	PSGR Krishnammal College for Women
5	23-JAN-25	Anusha Roselin M	International Conference	ICAMST 2025	PSGR Krishnammal College for Women
6	04-MAR-25	Anusha Roselin M	International Conference	NCACBS-25	Karpagam Academy of Higher Education
7	23-JAN-25	A Hariharan	International Conference	ICAMST 2025	PSGR Krishnammal College for Women
8	23-JAN-25	S Kavya	International Conference	ICAMST 2025	PSGR Krishnammal College for Women
9	07-JAN-25	V. Janani Keerthana	International Conference	AMMNC	Vellalar College for Women
10	09-JUL-24	R. Lakshmi Nanda	International Conference	ICCS-II-2024	PSG College of Arts and Science
11	05-FEB-25	S Miruthula	International Conference	NSDFC-25	KSR College of Arts and Science for Women
12	07-JAN-25	L. Rooba Shri	International Conference	AMMNC	Vellalar College for Women
13	08-JAN-25	L. Rooba Shri	International Conference	ICS 2025	Dr.N.G.P Arts and Science college
14	08-JAN-25	Lakshminanda R	International Conference	ICS 2025	Dr.N.G.P Arts and Science college
15	08-JAN-25	S Miruthula	International Conference	ICS 2025	Dr.N.G.P Arts and Science college
16	04-JUL-24	S Miruthula	International Conference	IKS 2024	Dr.N.G.P Arts and Science college

Book / Book Chapters Publications

S.No	Date	Name of the Staff	Name of the Book	Name of the Publisher	Year of publication	ISBN
1	NA	Dr.M .Mohanraj, Dr.R. Rajkumar, Dr.M. Dinesh	Recent Development in India @2025	Chyren Publications	2025	78-93-4907616-7

		Kumar, Dr. M.R. Ezhilarasi and Dr.R.Ravikumar				
2	NA	Dr.M. Dinesh Kumar, Dr.R.Ravikumar, S. Pooja Shri, S. Keerthana	Chemical and Materials Sciences Developments and Innovations Vol. 1	B P International, West Bengal	2024	978-81-973316-0-2
3	NA	Dr.M .Mohanraj	Introduction to Dairy Chemistry	Dr.N.G.P Arts and Science College	2024	978-81-966306-8-3