

NEHRU MEMORIAL COLLEGE (AUTONOMOUS)

PUTHANAMPATTI-621007

STAFF PROFILE



NAME OF THE STAFF : Dr. A. KASTHURI
DESIGNATION : ASSISTANT PROFESSOR
DEPARTMENT : CHEMISTRY

1. CONTACT

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2. ACADEMIC QUALIFICATIONS

Degree	College/University/Board	Year of Passing/ Awarded
SET	Mother Teresa Women's University, Kodaikanal, Tamil Nadu	Feb 2016
Ph.D.	St. Joseph's College, Trichy-2	22.7.2015
M.Phil.	Bharathidasan University, Trichy – 24	2006
M.Sc.	Periyar E.V.R. College, Trichy-23	2005
B.Sc.	Holy Cross College, Trichy-2	2003

3. TEACHING EXPERIENCE

S. No.	Institution	Duration	No. of Years	
			UG	PG
1.	Nehru Memorial College (Autonomous), Puthanampatti	15.06.2009 – Till date	14 Years	14 Years
2.	Srinivasan College of Arts and Science, Perambalur	30.6.2008 – 30.04.2009	1 Year	1 Year
3.	Periyar E.V.R. College, Trichy-23	23.8.2005 – 31.3.2008	2 Years 7 Months	2 Years 7 Months

4. RESEARCH EXPERIENCE (in years) : 12 Years

5. AREA OF RESEARCH : Adsorption Studies and Corrosion Studies

6^{}. RESEARCH GUIDANCE (In Numbers)**

Program of Study		Completed	Ongoing
Research	M. Phil.	5	1
Project	PG	44	5

7^{}. PUBLICATION(S) (In Numbers)**

Journal(s)	Proceeding(s)
International	International
13	1

Cumulative Impact Factor (as per JCR)	3.208
h-index	3
Total Citations	18

8^{}. PRESENTATION(S) (In Numbers)**

Events	International	National
Conference(s)	10	5
Seminar(s)	0	8

9^{}. PARTICIPATION (In Numbers)**

Events	International	National	State	Regional
Conference(s)	5	0	-	-
Seminar(s)	-	9	1	1
Workshop(s)	1	10	1	1

10^{}. PROFESSIONAL DEVELOPMENT (In Numbers)**

Orientation Programme(s)	Faculty Development Programme(s)
1	17

11. EVENT(S) ORGANIZED

S. No.	Name of the Programme	Role of Responsibility held	Name of the Resource Person	Date of the Event
1.	Chem Jamboree-23: Inter-Collegiate Competition	Organizer		6.3.2023
2.	Application of Chemistry in Industries	Organizer	Mr. PONNUSAMY SAMPATHKUMAR Independent Consultant Salem	17.02.2323
3.	Career Guidance Programme Where Chemistry Can Take You? For B.Sc. & M.Sc. Chemistry Students	Organizer	Dr. F. AMJATH KHAN Assistant Manager R&D, TNPL, Kagithapuram, Karur, India-639136	21.09.2022
4.	Placement Drive by Sri Ramakrishna Boys Matriculation Hr. School, Perambalur	Organizer	1. Mr. Muthukumar, HOD of chemistry 2. Maruthaidurai, HoD of Botany 3. Mr. Ananthakumar, Hod of English 4. Mr. Krishnamoorthi, HOD of Zoology	18.5.2022
5.	Sanmar Placement Drive	Organizer	Mr. Sriram HR Sanmar	5.5.2022
6.	Recruitment Drive by M/S. SOFTSQUARE SOLUTIONS, Tidel Park, Chennai for III MCA, II MCA, III BCA, II M.Sc.(CS), III B.Sc (CS) & III B.Sc. (DS)	Organizer	Mr. Vetrivendhan Vice-President, SOFTSQUARE SOLUTIONS	23.3.2022
7.	One day Orientation Programme on Career Opportunities in Civil Service Examinations	Organizer	Mr. S. Mahesh Branch Head & Faculty Head, KingMakers IAS Academy, Trichy	12.3.2022
8.	National Level Online Quiz on "CHEMISTRY IN LIFE"	Organizer		2.2.2022 – 7.2.2022
9.	Inauguration of Chemistry Club (Softwares for Chemical Research & Role of Chemists in Pollution Control)	Organizer	Dr. M. Arivazhagan Registrar (i/c) & Professor Department of Chemical Engineering, NIT Trichy-620 015	18.12.2021
10.	Recruitment Drive – Quantler	Organizer		8.12.2022
11.	Recruitment Drive by M/s. SBI LIFE INSURANCE, Trichy for all Final year UG and PG Students	Organizer	1. Mr. Velannkaniraja Manager, SBI 2. Mr. Vinothkumar	29.11.2021

12.	Recruitment Drive by M/S NielsenIQ , Chennai for	Organizer	1. Mr. R. Collin Bruan HR-Executive-Talent Acquisition, NielsenIQ, Chennai 2. Mr. M. Gnanavel Managing Director, United Technology,	17.11.2021
13.	Recruitment Drive by M/S DECLLC MUCAT OVERSEAS Group, Sohar, Oman for UG & PG Final year and Passed out Chemistry students	Organizer	Mr.M. Velu, Head Operation and Business, DMC LLC- Pharmaceuticals Manufacturing Company, Sohar, Oman	29.10.2021
14.	Recruitment Drive by M/S Vijay Dairy and Farm Products (P)Ltd., Peramangalam, Trichy for UG and PG Final year Chemistry Students	Organizer	1. Mr.K.Mathan Mohan. Manager - QA 2. Mr.R.C.Vijay Sekhar D.M. – HR 3. Mr.M.Murugaiya HR - Associate	21.10.2021
15.	Recruitment Drive by M/S IDBI FEDERAL BANK LIFE INSURANCE CO LTD, Trichy, Tamilnadu for the UG & PG student of Data Science, commerce and BBA, MBA	Organizer	1. A.GUNASELVAM Chief Sales Manager, IDBI Federal Bank Company, Lakshmi Arcade ,SF 2 nd Floor 11 th Cross, Thillai Nagar, Trichy-18 2. Ms. Mythili Senior Team Leader	12.10.2021
16.	National Webinar on “Photochemistry and its Applications towards the Development of Solar Cells”	Organizer	Dr. T. Stalin Assistant Professor, Department of Industrial Chemistry, Alagappa University, Karaikudi, Tamilnadu	24.7.2020
17.	National Level Online Quiz on “CHEMISTRY IN LIFE”	Organizer	-----	16.6.2020 – 15.6.2020
18.	Seminar on “ Crack the CSIR IN CHEMISTRY” & CHEM SPARKS – 2020 (Intra Departmental Events)	Organizer	Dr. P. Pandian Associate Professor of Chemistry, Periyar E.V.R. College (Autonomous), Trichy-620 023	9.3.2020
19.	Recruitment Drive by M/s Micheal’s Academy of Communicative English	Organizer	Mr. Joel Rajesh & Mr. L. Praveen Kumar, HR Executives of M/S Micheal’s Academy of Communicative English	27.2.2020
20.	Career guidance programme for final year PG & UG Students	Organizer	Er. Vijayalakshmi Time Institute, Trichy-17	25.2.2020
21.	Recruitment drive by M/s Omega Healthcare Management Services Pvt. Ltd.,	Organizer	Mr.D.Manikandan Mrs.K.Deepa HR Executives of M/s Omega Healthcare Management Services Pvt. Ltd.,	24.2.2020

22.	Recruitment drive for Ramakrishna Matriculation school, Perambalur	Organizer	PG Teachers from Ramakrishna Matriculation school, Perambalur	21.2.2020
23.	Recruitment drive for BBA, B.Com, & B.Com (CA) by M/s. Capgemini Technology Services India Limited	Organizer	Ms. P. Subha, HR Executives and Trainer Global Talent Track ,Trichy	28.1.2020
24.	Workshop on preparation of Eco- friendly domestic products	Organizer	Mrs. V. Baby, Self-Reliance Products Trainer, Perambalur Mr. S. Sathishkumar, Wood pressed oil proprietor, Perambalur	4.2.2020
25.	Recruitment Drive by M/s Alcance Technologies, Chennai for B.Sc., Cs, Chemistry, Maths	Organizer	Mr. Veerachinu, HR Executives M/s Alcance Technologies, Chennai	30.1.2020
26.	Online Test by M/s Hiremee for Placement Training Students	Organizer	Mr. N.Vasantha Kumar Sr. Terrotory Manager of M/s Hiremee	28.1.2020
27.	Orientation Programme on Born to Win	Organizer	Ms. J. Carmelete Silviya HRD Coordination, Holy Cross College, Trichy-2	17.12.2019
28.	Instrumental methods of chemical analysis	Organizer	Dr. S. Radhakrishnan Chief Scientist, CECRI, Karaikudi	16.12.2019
29.	Orientation Programme on Employability Skills	Organizer	Dr. R. Victor Lazarus, Associate Dean (Training & Placement), BHC, Trichy	5.12.2019
30.	Recruitment drive by M/s Winners Institute of Communicative English for B.A.,M.A., English	Organizer	Mr. M. Vignesh, HR Manager of m/s Winners Institute of Communicative English	29.11.2019
31.	MS EXCEL Advance Training Programme to Staff	Organizer	Mr. S. Prasanna, MIE Trainer of M/s. Capgemini Technology Services India Limited, Trichy	29.11.2019
32.	Off Campus Drive by M/s The Sanmar Group, for M.Sc., Chemistry and M.Com	Organizer	MR. Sriram, M. S.S Rameshwari HR Executives of Sanmar Group , Chennai	26.11.2019
33.	Orientation Programme on Build Ourselves	Organizer	Ms.Tejas Dasa ji, Internationally Loved and recognized spiritual Teacher.	12.09.2019
34.	Recruitment drive by M/S. Soft Square solution, Chennai for MCA & M.Sc (CS) students	Organizer	Mr. Vetrivendhan, Vice-President & Mr. Subash, Project Manager, M/S. Soft Square solution, Chennai	07.09.2019

35.	In-house Soft Skills Training Programme for registered students for Placement Training Class	Organizer	Nehru Memorial College Faculties	13.08.2019
36.	Recruitment drive for BCA, B.Com(CA) and BBA	Organizer	Mr. Edwin, Mr. Jesuraj HR Executives of M/s. Jio Mobiles and Software	18.3.2019
37.	Recruitment Drive for B.Sc., (CS, Maths) and BCA	Organizer	Mr. Balamurugan AGM & Mr. T.Sivabalan HR Executive of M/s HOV Source, Puthanampatti	28.2.2019
38.	Basic awareness for safety fires	Co-Organizer	Mr. M. Abdul Razak	28.2.2019
39.	Central Government Jobs for Chemists	Organizer	Mr. Jegan , Chemical & Metallurgical Superintendent, Poonmalai Workshop, SR, Trichy-1	27.2.2019
40.	Orientation Programme on employability skills for all final year students	Organizer	Mr. Rajendiran Former news reader in Sun TV, H.R. Manager in ICON IAS Academy	22.2.2019
41.	Recruitment drive for PG & UG students of Zoology, Botany and Chemistry	Organizer	Mr. M. Arun HR Executive M/s. Alcane, Chennai	13.02.2019
42.	Recruitment drive for commerce students	Organizer	Mr. N. Deepan & Mr. S. Vignesh , HR Executives IDBI Federal life , Coimbatore	08.02.2019
43.	Recruitment drive for Computer Science students	Organizer	Mr. Vetrivendhan, Vice-President & Mr. Subash, Project Manager ,	26.01.2019
44.	Recruitment drive for commerce students	Organizer	Mr. Velankaniraja Agency Manager of State Bank of India	30.01.2019
45.	Recruitment drive for English and Maths Students	Organizer	Mr. Hariharan, Ms. Nikila and Ms. Nirosha HR Executives M/s. Theme English Academy, Sivakasi	10.01.2019
46.	Recruitment drive for commerce & BBA students	Organizer	Ms. Subha & Mr. Ilayarajah HR Executives M/s. Cape Gemini, Trichy	04.01.2019
47.	Recruitment drive for	Organizer	Mr. Nagarajan Raju & Mrs. Mary Bricilla HR Executives of M/s Omega Health Care, Trichy	06.02.2018
48.	Recruitment Drive for M.Sc., Chemistry and M.Com	Organizer	MR. Sriram, M. S.S Rameshwari HR Executives of Sanmar Group , Chennai	14.12.2018

49.	Ignite, Propel and Reach to the unreachable	Co-Organizer	(i) Dr. S. Selvakumar M.Sc.,Ph.D Scientist, SDSC-SHAR Centre – ISRO Sriharikota, Andhra Pradesh, India. (ii) Mr. M. Balashanmugam Rtd. Je (ISRO) Sriharikota, Andhra Pradesh, India	18.07.2016
50.	Seminar on Dynamic Stereochemistry	Organizer	Dr. P. Pandian	14.03.2016
51.	Inter-collegiate competition	Organizer	Dr. A. Peter Pascal Regis	01.03.2016

12. ACADEMIC / ADMINSTRATIVE RESPONSIBILITIES HELD

- * Associate Dean for Training and Placement Cell
- * Member of Academic Council in NMC, Puthanampatti
- * Students' Grievances Redressal Cell member
- * Steering Committee Member for 2016-2017
- * IQAC & MQAC Member

13. SERVED AS A RESOURCE PERSON (INVITED TALKS / GUEST LECTURES)

S.No	Nature of Work	Type of programme	Title	Visited organization name	No of days	Year & date
1.	Resource Person & Chief Guest	One day Seminar	Chemistry in Human Life	Government Arts and Science College for Women, Veppur-621717	1	17.04.2022
2.	Acted as Judge	Quiz Programme	SCIENCE QUIZ for higher secondary level	St. Joseph's School	1	24.11.2019
3.	Resource Person & Chief Guest	Association Valediction	Green and Nano Science	Sri Saradha College for Women, Perambalur-621 113	1	12.2.2018
4.	Acted as Judge	INDEP 2018	Cartooning and Poster Making	St. Joseph's College (A), Trichy - 2	1	10.01.2018
5.	Acted as Judge	INDEP 2017	Rangoli	St. Joseph's College (A), Trichy - 2	1	10.01.2017
6.	Acted as Judge	INDEP 2016	Rangoli	St. Joseph's College (A), Trichy - 2	1	11.01.2016

14. DETAILS OF MEMBERSHIP

Academic Bodies (Board of studies)	1. UG & PG Board of studies member in NMC 2. Department IQAC & MQAC member 3. Department representative for college ED cell
Professional Bodies	Life Member of ISSE (Indian Society of Systems for Science and Engineering (LM05991); (Web site: www.isseindia.co.in)

15. EXTENSION ACTIVITIES / OUTREACH PROGRAMME

S. No	Title	Place	Date	Beneficiaries
1	Hand Wash Awareness Program for Government School Students	Nehru School Higher Secondary school, Puthanampatti	28.6.2019	School Students

16. DETAILS OF PUBLICATIONS**(a) JOURNAL(S)**

S. No.	Name of the author/s	Title of the paper with e-link	National/ International	Name of journal	Volume Page No & Year	ISSN
1.	K.K. Ilavenil P. Pandian A. Kasthuri	Adsorption study of removal of lead ions using <i>prosopis juliflora</i> and prediction by artificial neural network modeling. https://www.sciencedirect.com/science/article/pii/S2214785322062204 https://doi.org/10.1016/j.matpr.2022.09.402	International	<i>Materials Today: Proceedings</i>	Vol. 72, p. 2344 –2350 2023	
2.	K.K. Ilavenil, A. Kasthuri & K. Anbarasu	Oxidation Kinetics of Phenol, its derivatives and some para-substituted phenol by pyrazinium chlorochromate in acidic medium: A non-linear hammett plots http://doi.org/10.31788/RJC.2022.1536920	International	<i>Rasayan J. Chem.</i>	Vol:15, P.No-1160 – 1667 July 2022	

3.	Ilavenil. K.K., P.Pandian & Kasthuri. A	Antimicrobial Investigation and Docking Analysis of Quinoline Compounds https://nveo.org/index.php/journal/article/view/3538/2898	International	<i>Natural Volatiles & Essential Oils</i>	Volume: 8 Issue: 5, 2021, Pages. 12240- 12248	2148-9637
4.	Ilavenil. K.K., Pandian. P Kasthuri. A & Senthilkumar.V	Structural Activities of Derivatives of Phenol https://www.annalsofscb.ro/index.php/journal/article/view/9014	International	<i>Annals of the Romanian Society for Cell Biology</i>	Vol. 25, Issue 6, 2021, Pages. 17257- 17269	1583-6258
5.	P. Pandian and A. Kasthuri	Kinetic, thermodynamic and isotherm studies on the removal of Rhodamine B dye using acid activated abutilon indicum http://www.joaasr.com/index.php/joaasr/article/view/50	International	<i>Journal of advanced applied scientific research</i>	Volume- 1, Issue-7, Year: Jan 2017	2454-3225.
6.	P. Johnraj, A. John Amalraj, P. Pandian, A. Kasthuri , V. Dharmalingam	Inhibitive Effect of Halophosphonic Acid on The Corrosion of Carbon Steel in Sea Water http://www.joaasr.com/index.php/joaasr/article/view/50	International	<i>The International Journal Of Engineering And Science (IJES)</i>	Volume- 5, Issue-2 Pages PP - 19-25, Feb 2016	2319 –1805
7.	P. Johnraj, A. John Amalraj, J. Wilson Sahayaraj, P. Pandian, A. Kasthuri , and Susai Rajendran	Influence of sodium potassium tartarate on 2- CIEPA -Zn ²⁺ system on the corrosion of steel in sea water http://www.ijnscse.com	International	<i>International journal of nano corrosion science and engineering</i>	Volume- 2, Issue- 6, Page No: 120 – 130 , Year : Dec- 2015	2395-7018
8.	A. Kasthuri , P. Pandian, A. Peter Pascal Regis, A. John Amalraj, P. Johnraj	Removal of congo red dye by adsorption using activated ipomoea carnea https://mafiadoc.com/download/isotherm-models-for-the-adsorption-of-crystal-violet-5aa403db1723dd8b9d04e7a1.html	International	<i>International journal of nano corrosion science and engineering,</i>	Volume- 2, Issue- 5, Page No: 39 – 48 , Year : Dec- 2015	2395-7018
9.	A. Kasthuri , S. Arivoli, V. Marimuthu and A. Peter Pascal Regis	Kinetic, thermodynamic and isotherm studies on the removal of methylene blue dye using acid activated abutilon indicum, https://www.researchgate.net/publication/263237660_Kinetic_Thermodynamic_and_Isotherm	International	<i>IOSR Journal of applied chemistry (IOSR-JAC)</i>	Volume- 6, issue – 5, page No: 01 – 08, Year : Jan 2014.	2278-5736

10.	A. Kasthuri, A. Peter Pascal Regis, S. Arivoli and V. Marimuthu	Adsorption of Chromium ion by acid activated abutylon indicum – kinetic, mechanistic, thermodynamic and equilibrium studies http://journalcra.com/sites/default/files/issue-pdf/3044.pdf	International	<i>International journal of current research</i>	Volume- 5, issue- 2, page No: 354 - 359, Year : Feb. 2013	0975-833X
11.	A. John Amalraj, J. Wilson Sahayaraj, A. Peter Pascal Regis, Arockia Sahayaraj, P. Pandian, P. Johnraj, A. Kasthuri, C. Kumar	Synergistic Effect of <i>Allium cepa</i> -Zn ²⁺ System on the Corrosion of Carbon Steel in Ground Water https://m.scirp.org/papers/27729	International	<i>Engineering</i>	Volume- 5 , Page No: 178 – 183 , Year : 2013.	1947-3931
12.	B.R.Venkatraman, S.Parthasarathy, A.Kasthuri, P. Pandian & S Arivoli	Adsorption Of Chromium Ions By Acid Activated Low Cost Carbon – Kinetic, Thermodynamic And Equilibrium Studies https://www.hindawi.com/journals/jchem/2009/134010/	International	<i>E- Journal of Chemistry</i>	Volume – 6, Page No : S1 – S11 , Year :2009	0973-4945
13.	S Arivoli A.Kasthuri P.Pandian S.Parthasarathy and B.R.Venkatraman	Adsorption Of Copper Ions By Acid Activated Low Cost Carbon – Kinetic, Thermodynamic And Equilibrium Studies http://www.rasayanjournal.co.in/vol-1/issue-2/14.pdf	International	Rasayan Journal of Chemistry	VOL-1 P.NO: 276- 287	

b) PROCEEDING(S)

S. No.	Name of the author/s	Title of the paper	National/ International	Name of Conference	Page No & Year	ISBN
1.	P. Pandian, A. Kasthuri, P. Johnraj and B. Gokulakrishnan	Abatement of Congo red dye by adsorption using activated Punica granatum peel	International	International Conference on Research initiatives in chemistry for sustainable development	2019	978-93-86712-63-9

17. DETAILS OF PRESENTATION(S)**(Conference(s) / Seminar(s))**

S. No.	Name of the Paper	Name of the Conference / Seminar	National/ International	Place	Duration/ Date
1.	Evaluation of the Antimicrobial Efficacy of Copper Oxide Nano particles Synthesised by Green Methods Using Justicia Adhatoda	International Conference on Processing and Performance of Materials	International	Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam, Chennai – 603 110	2.3.2023 & 3.3.2023
2.	Green synthesis of magnesium oxide nanoparticles (MgO) utilising justicia adhatoda and an evaluation of their antimicrobial properties	International Conference on Processing and Performance of Materials	International	Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam, Chennai – 603 110	2.3.2023 & 3.3.2023
3.	Structure Reactivity Correlation and Oxidation of Phenol Using Pyrazium Chlorochromate	6 th International Conference on Recent Advances in Material Chemistry (ICRAM-2022)	International	Online mode	17.02.2022 to 19.2.2022

4.	Structure, Reactivity and Non-Linear Hammett Plot for Oxidation of Substituted Phenols by Pyrazinium Chlorochromate	International Virtual Conference on Frontiers in Chemical Research-ICFCR'21	International	Bishop Heber College	3.02.2021 and 4.02.2021
5.	Adsorption of Malachite Green onto acid activated Citrus Limetta peels	6 th International Conference on Chemical and Environmental Research (ICCER-2020)	International	Jamal Mohamed College (Autonomous), Trichy – 620 020	12.11.2020
6.	Inhibitive effect of Eco-Friendly Sorghum Stem extract on the Corrosion of Carbon Steel in acid medium	6 th International Conference on Chemical and Environmental Research (ICCER-2020)	International	Jamal Mohamed College (Autonomous), Trichy – 620 020	12.11.2020
7.	Adsorptive Removal of Congo Red Dye by Activated Citrus Limetta Risso Peels	5 th International Conference on Chemical and Environmental Research (ICCER-2020)	International	Jamal Mohamed College (Autonomous), Trichy – 620 020	8.1.2020
8.	Abatement of Congo red dye by adsorption using activated Punica granatum peel. (ISBN 978-93-86712-63-9)	International Conference on Research initiatives in chemistry for sustainable development	International	The Gandhigram Rural Institute (Deemed to be University), Gandhigram – 624 302, Dindigul district	18.3.2019 & 19.3.2019
9.	Adsorptive removal of Fe(II) ions by acid activated annona squamosa leaves	State Level Seminar on Hybrid Nano materials and their Applications (HNA-2018)	State	A.V.V.M. Sri Pushpam College (Autonomous), Poondi – 61303, Thanjavur Dt	20.8.2018
10.	Adsorption of crystal violet dye by acid activated annona squamosa leaves	State Level Seminar on Hybrid Nano materials and their Applications (HNA-2018)	State	A.V.V.M. Sri Pushpam College (Autonomous), Poondi – 61303, Thanjavur Dt	20.8.2018
11.	Influence of tartarate in controlling the corrosion of carbon steel in bore water	State Level Seminar on Hybrid Nano materials and their Applications (HNA-2018)	State	A.V.V.M. Sri Pushpam College (Autonomous), Poondi – 61303, Thanjavur Dt	20.8.2018

12.	Synergistic effect of 2ClEP-Mg ²⁺ -SPT system on the corrosion of carbon steel in sea water	State Level Seminar on Hybrid Nano materials and their Applications (HNA-2018)	State	A.V.V.M. Sri Pushpam College (Autonomous), Poondi – 61303, Thanjavur Dt.	20.8.2018
13.	Removal of Fe(II) Ions by Eco-friendly Ficus Religiosa	National conference on Advanced materials in chemistry (NCAMC'18).	National	St. Joseph's (Autonomous),	8.2.2018
14.	Adsorptive removal of methyl orange by activated Ficus Religiosa leaves	The international Conference on Frontiers in Advanced Materials and their applications	International	Bishop Heber College (Autonomous), Trichy – 620 017	9.1.2018
15.	Influence of sodium gluconate on the corrosion of carbon steel in bore water	State Level Seminar on Emerging Trends in Chemistry	State	A.V.V.M. Sri Pushpam College (Autonomous), Poondi – 61303, Thanjavur Dt	29.8.2017
16.	Comparative study on TSC and SPT on phosphonic acid-Zn ²⁺ system on the corrosion of carbon steel in bore water	State Level Seminar on Emerging Trends in Chemistry	State	A.V.V.M. Sri Pushpam College (Autonomous), Poondi – 61303, Thanjavur Dt	29.8.2017
17.	A study on the adsorption of crystal violet dye by activated ficus religiosa	State Level Seminar on Emerging Trends in Chemistry	State	A.V.V.M. Sri Pushpam College (Autonomous), Poondi – 61303, Thanjavur Dt	29.8.2017
18.	Removal of Congo red from aqueous solution by adsorption onto activated ficus religiosa	State Level Seminar on Emerging Trends in Chemistry	State	A.V.V.M. Sri Pushpam College (Autonomous), Poondi – 61303, Thanjavur Dt	29.8.2017
19.	Adsorptive removal of crystal violet dye by activated ipomoea carnea leaves	National Conference on Recent Advances in Chemistry Research and its Applications	National	St. Joseph's College (Autonomous), Trichy – 2	19.01.2017
20.	Kinetic, thermodynamic and isotherm studies on the removal of rhodamine B dye using acid activated abutilon indicum	International Conference on Chemical and Environmental Research (ICCER-2017)	International	Jamal Mohamed College (Autonomous), Trichy – 620 020	7.1.2017

21.	Removal of Congo Red dye by adsorption using activated ipomoea carnea	International Conference on Chemical and Environmental Research	International	Jamal Mohamed College (Autonomous), Trichy – 620 020	17.12.2015
22.	The Corrosion Inhibition by 1-Hydroxy ethane-1,1-diphosphonic acid – Mn^{2+} System	National Conference on Emerging Trends in Chemistry	National	Bishop Heber College , Trichy – 23	11.01.2012
23.	Synergistic effect of HEDP and Mg^{2+} in Controlling the Corrosion of Carbon steel in ground water	National Conference on Emerging Trends in Chemistry	National	Bishop Heber College , Trichy – 23	11.01.2012

18. DETAILS OF PARTICIPATION

(Conference(s) / Seminar(s) / Workshop(s) / Symposium(s))

S. No.	Name of the event(s)	Sponsored by	Conducted by	Place	Duration/ Date
Conference(s)					
1.	6 th International Conference on Recent Advances in Material Chemistry (ICRAM-2022)		SRM Institute of Science and Technology in association with Alternative Energies and Atomic Energy Commission (CEA) and Universite Gustave Eiffel, France	Online mode	17.02.2022 to 19.2.2022
2.	National Conference on Recent Advancement in Science		Department of Science & Technology	Sree Sathyam College of Engineering and Technology (Online)	28.02.2022
3.	6th International Conference on Chemical and Environmental Research (ICCER-2020)		Department of Chemistry	SRM Institute of Science and Technology	17.02.2022 to 19.2.2022
4.	Polymeric Materials and Fluorimetry		Department of Chemistry & Chemical Research Society of India (CRSI),	Annamalai University, Annamalai Nagar – 608 002.	31.01.2022

			Bengalur		
5.	International Conference on Chemical and Environmental Research (ICCER-2020)	UGC	Department of Chemistry	Jamal Mohamed College (Autonomous), Trichy – 620 020	8.1.2020
6.	National Conference on Recent Advances in Chemistry Research and its Applications	UGC	Department of Chemistry	St. Joseph's College (Autonomous), Trichy – 2	19.01.2017
7.	International Conference on Chemical and Environmental Research (ICCER-2017)	UGC	Department of Chemistry	Jamal Mohamed College (Autonomous), Trichy – 620 020	7.1.2017
8.	International Conference on Chemical and Environmental Research (ICCER-2015)	UGC	Department of Chemistry	Jamal Mohamed College (Autonomous), Trichy – 620 020	17.12.2015
9.	International Conference on Chemistry in Synergy with materials and biology	UGC	Department of Chemistry	Bishop Heber College, Trichy – 620 017	10.01.2014 & 11.01.2014
Seminar(s)					
1.	One day International Seminar on “Emerging Advancements in Chemistry		IQAC & PG & Research Department of Chemistry	Government Arts College, Trichurappalli-22	21.04.2022
2.	Micro scale experiments in Chemistry		Department of Chemistry	Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore	31.01.2022
3.	Three days Virtual International Webinar on “Natural Products and Drug Development (NPDD 2021)	Management	Department of Chemistry	B.S.Abdur Rashman Crescent Institute of Science & Technology, Vandalur, Chennai, Tamilnadu, India	04.10.2021 – 06.10.2021
4.	A Lecture On "The Characteristics Of An Excellent Teacher In The Present Context"	Management	School Of Advanced Sciences	Kalasalingam Academy of Research And Education, Krishnankoil, -626 126	22.5.2020

5.	A Systematic Approach Towards Molecular Docking & Drug Design	Management	Department Of Chemistry	SRM Institute of Science & Technologies, Ramapuram Campus, Chennai-89	15.5.2020
6.	Assessment & Evaluation In Outcome Based Education	Management	GTN ARTS COLLEGE	Dindigul - 624 005, Tamilnadu	11.5.2020
7.	Institutional Governance & Best Practices	Management	SRI GVG VISALAKS HI COLLEGE FOR WOMEN (Autonomous)	Udumalpet- 642 128, Tamil Nadu	6.5.2020
8.	Chemistry Behind Contrast Agents MRI	Management	Department of Chemistry	Cauvery College for Women	4.5.2020
9.	Four Days Webinar on "Effective Research Paper Writing Skills"	Management	Bhagwan Mahavir College Of Commerce And Management Studies,	Bhagwan Mahavir University, Surat, Gujarat	13.4.2020 - 16.4.2020
10.	The Art of Writing Winnable Project Proposal for Funding	Principals welfare cell (Association of self-financing arts, science & Management colleges of Tamilnadu)	Sankara College of Science and Commerce	Sankara College of Science and Commerce, Coimbatore	23.03.2019
11.	State level seminar Emerging Trends Chemistry (ETC - 2017)	UGC	Department of Chemistry	A.V.V.M. Sri Pushpam College (Autonomous), Poondi – 61303, Thanjavur Dt.,	29.8.2017
12.	National Seminar on Water Resources Management in Tamilnadu	UGC	Department of Zoology	Jamal Mohamed College (Autonomous), Trichy – 620 020	06.03.2014
13.	Seminar on Examination Reforms	IQAC - NMC	IQAC	Nehru Memorial College (Autonomous), Puthanampatti - 621 007	15.03.2012

14.	Seminar on Recent Developments in Chemistry	Prof. Ramasubbu Jeyaraman Science Foundation (RJSF)	Department of Chemistry	Bharathidasan University, Trichy – 620024	29.08.2011
Workshop(s)					
1.	One day Workshop on Intellectual Property Rights (IPRs)	Management	IQAC & R&D CELL, NMC	NMC, Puthanampatti	1.12.2022
2.	One day workshop on “Nuances on Documentation Process: Research Proposal, NAAC & NIRF	TANSCHÉ	TANSCHÉ	Thanthai Periyar Government Arts and Science College (A), Trichy-23	12.8.2022
3.	E- Lecutre Workshop on Advances in Chemical Sciences	CRSI	Department of Chemistry	Seethalakshmi Ramaswami College, Trichy	17.9.2021
4.	One Day online Workshop on “Bloom’s Taxonomy based Question Paper Design for Outcome Based Education in Chemistry”	IQAC & Outcome Based Education Monitoring Council under UGC PARAMARSH Scheme	Department of Chemistry	Ayya Nadar Janaki Ammal College, Sivakasi, Tamil Nadu	27.9.2021
5.	Online WORKSHOP ON SPECTROSCOPIC TECHNIQUES	Management	Department of Physics	Immaculate College, Viriyur	30.4.2020
6.	DST & ACS Workshop	DST & ACS	School of chemistry	Bharathidasan University, Trichy- 620 024	9.12.2019
7.	Chemical kinetics and Reaction mechanisms in transition metal chemistry	Global initiative of academic network	Department of Chemistry	School of chemistry, Bharathidasan University, Trichy- 620 024	7.1.2019 – 11.01.2019
8.	Two days’ workshop on Innovative curriculum designing	IQAC - NMC	IQAC	Nehru Memorial College (Autonomous), Puthanampatti - 621 007	24.11.2017 & 25.11.2017

9.	Lecture Workshop on Recent Trends in Chemistry	Science Academics (IASC, INSA & NASI)	Department of Chemistry	Seethalakshmi Ramaswami College (Autonomous), Trichy – 620 002	4.3.2016 5.3.2016
10.	State level Workshop on Modern Methods of Analytical Techniques In Chemistry Research	UGC	Department of Chemistry	St. Joseph's College (Autonomous), Trichy – 620 002	31.01.2014
11.	Two-day Workshop on LATEX	ABEL interdisciplinary research cell	Department of Maths	Nehru Memorial College (Autonomous), Puthanampatti - 621 007	11.11.2013 & 12.11.2013
12.	Four-day-Training-Cum production Workshop on e- Content development - Short learning object on hydrogen bonding and water	IQAC - NMC	IQAC	Nehru Memorial College (Autonomous), Puthanampatti - 621 007	23.10.2013 – 26.10.2013
13.	National Workshop on Green Techniques in Chemistry laboratory Experiments	UGC	Department of Chemistry	Holy Cross College (Autonomous) Trichy- 2	9.01.2013

19. DETAILS OF PROFESSIONAL DEVELOPMENT

(Orientation / Refresher Course / FDP / Short Term Course / Online Course)

S. No.	Name of the events	Sponsored by	Conducted by	Place	Duration/ Date
Orientation Programme					
1	Orientation Programme for Research Scholars - Research day 2010-11, Research and Development : National and Global perspectives	Research Advisory Committee	Department of Chemistry	St. Joseph's College, Trichy – 620 002	18.01.2011
Faculty Development Programme					
1.	Faculty Development Programme Curriculum, Pedagogy and Assessment	Management	IQAC	NMC, Puthana mpatti	10.12.2022

2.	Faculty Development Programme on Publication of Quality Research Papers in Reputed Journals	Management	IQAC & R&D CELL, NMC	NMC, Puthanampatti	2.12.2022
3.	Six day Faculty Development Program on Advances in Analytical Techniques	SRM Institute of Science and Technology, Ramapuram campus, Chennai in Association with Society for Advancement in Chemical Sciences and Education (SACSE), IGCAR, Kalpakkam		Online mode	25.07.2022 to 30.07.2022
4.	Faculty Development Programme on “Teaching and Research Ethics”	Management	IQAC and Research & Development Cell	Nehru Memorial College	15.7.2022
5.	Faculty Development Programme on “Learning Outcome Based Curriculum Framework in Higher Education: A Hall Mark”	IQAC – NMC	Curriculum Development Cell	Nehru Memorial College	1.4.2022
6.	National One Week Faculty Development Programme on Carbon Capture and Storage		Central University of Tamil Nadu, Thiruvavur, India	Online	21.02.2022 to 25.02.2022
7.	Faculty Development Programme on Outcome Based Education	IQAC – NMC	IQAC	Nehru Memorial College	20.5.2021 & 21.5.2021
8.	Faculty Development Programme on Online Teaching, Learning and Evaluation	IQAC – NMC	IQAC	Nehru Memorial College	10.8.2020 & 11.8.2020
9.	Faculty development program on G-chempaint and libreoffice	Spoken tutorial, IIT Bombay	Department of chemistry D.K.M. college for women (autonomous), Vellore in association with spoken tutorial, IIT Bombay	Vellore	4.5.2020 - 10.5.2020
10.	Develop the ability to write research Proposal	Management	Adarsh institute of management studies,	Bangalore- 560018	24.4.2020
11.	FDP on python	National Mission on education through ict, mhrd, govt. Of india	Department of CS	Vellar college for women, Erode,	23.4.2020 - 25.4.2020

12.	Faculty Development Programme – Student Skills, Mentoring and Counselling	UGC	IQAC	Nehru Memorial College (Autonomous) Puthanampatti - 621007	30.05.2019
13.	Faculty Development Programme – Effective learning	IQAC - NMC	IQAC	Nehru Memorial College (Autonomous) Puthanampatti - 621007	12.06.2017
14.	Two-Day State Level Training Program on Administrative Skill Development (ASD)	IQAC - NMC	IQAC	Nehru Memorial College (Autonomous) Puthanampatti - 621007	23.2.2017 & 24.2.2017
15.	Faculty Development Programme	IQAC - NMC	IQAC	Nehru Memorial College (Autonomous) Puthanampatti - 621007	5.08.2015
16.	Faculty Development Programme	IQAC - NMC	IQAC	Nehru Memorial College (Autonomous) Puthanampatti - 621007	11.06.2014
17.	Faculty Development Programme on Higher Education	IQAC - NMC	IQAC	Nehru Memorial College (Autonomous) Puthanampatti - 621007	21.01.2012