SSR – Faculty Profile (1.1.2015 to 31.5.2024)

I. General Information

Name	**J.JEYASEELI**
Designation	**GUEST LECTURER**
Qualification	**M.Sc., M.Phil.**
Department	**CHEMISTRY**
Mail Id	**jeyaseeliarun@gmail.com**
Contact No.	**8098725913**
PAN Number	**BFLPJ5231D**

II. Activities related to curriculum development and assessment

2.3 Paper Valuation

Year	Date	Course (UG /PG)	Name of the paper	Name of the Institution
JUNE 2017– MAY 2018	6.12.17 to 13.12.17 Except 10.12.17	UG	UG Chemistry	Jayaraj Annapackiam College For Women,Periyakulam
JUNE 2020– MAY 2021	29.4.2021	UG	UG Chemistry	Mother Teresa Women's University, Reasearch and Extension Centre, Keelakuilkudi,Madurai

III. Use of ICT enabled tools for effective teaching-learning process

Year	Information and Communication Technology (ICT) enabled tools Used (Computer, Mobile Phone, LCD Projector, OHP, Printer, Laptop etc.)
JAN 2015 – MAY 2016	Computer, Mobile phone
JUNE 2016 – MAY 2017	Computer, Mobile phone
JUNE 2017 – MAY 2018	Computer, Mobile phone
JUNE 2018 – MAY 2019	Computer, Mobile phone
JUNE 2019 – MAY 2020	Computer, Mobile phone
JUNE 2020 – MAY 2021	Computer, Mobile phone
JUNE 2021 – MAY 2022	Computer, Mobile phone
JUNE 2022 – MAY 2023	Computer, Mobile phone
JUNE 2023 – MAY 2024	Computer, Mobile phoneq

IV. Mentor role

Year	Course and Year	Number of students assigned	Number of Circulars with date
JAN 2015 – MAY 2016	I B.Sc CHEMISTRY II B.Sc CHEMISTRY III B.Sc CHEMISTRY I M.Sc CHEMISTRY I M.Sc CHEMISTRY	4 5 5 3 3	1 -22.06.2015 2 -16.12.2015

JUNE 2016 – MAY 2017	I B.Sc CHEMISTRY II B.Sc CHEMISTRY III B.Sc CHEMISTRY I M.Sc CHEMISTRY II M.Sc CHEMISTRY	6 4 5 3 2	1- 22.06.2016 2- 14.12.2016
JUNE 2017 – MAY 2018	I B.Sc CHEMISTRY II B.Sc CHEMISTRY III B.Sc CHEMISTRY I M.Sc CHEMISTRY II M.Sc CHEMISTRY	4 5 3 3 3	1- 03.07.2017 2- 06.12.2017
JUNE 2018 – MAY 2019	I B.Sc CHEMISTRY II B.Sc CHEMISTRY III B.Sc CHEMISTRY I M.Sc CHEMISTRY II M.Sc CHEMISTRY	3 3 4 3 3	1- 18.06.2018 2- 02.12.2018
JUNE 2019 – MAY 2020	I B.Sc CHEMISTRY II B.Sc CHEMISTRY III B.Sc CHEMISTRY I M.Sc CHEMISTRY II M.Sc CHEMISTRY	3 3 3 3 3	1- 22.07.2019 2- 27.11.2019
JUNE 2020 – MAY 2021	I B.Sc CHEMISTRY II B.Sc CHEMISTRY III B.Sc CHEMISTRY I M.Sc CHEMISTRY II M.Sc CHEMISTRY	3 3 3 3 3	1- 10.08.2020 2- 06.01.2021
JUNE 2021 – MAY 2022	I B.Sc CHEMISTRY II B.Sc CHEMISTRY III B.Sc CHEMISTRY I M.Sc CHEMISTRY	4 3 3 2	1- 09.08.2021 2- 05.01.2022

	II M.Sc CHEMISTRY	3	
JUNE 2022 – MAY 2023	I B.Sc CHEMISTRY II B.Sc CHEMISTRY III B.Sc CHEMISTRY I M.Sc CHEMISTRY II M.Sc CHEMISTRY	3 3 3 2 2	1- 25.07.2022 2 - 06.12.2022
JUNE 2023 – MAY 2024	I B.Sc CHEMISTRY II B.Sc CHEMISTRY III B.Sc CHEMISTRY I M.Sc CHEMISTRY II M.Sc CHEMISTRY	2 2 2 1 2	1- 20.06.2023 2- 04.12.2023

V. Number of full time teachers with a) M.Phil. / Ph. D. / D.Litt.

Qualification (M.Phil./ Ph.D. D.Litt.)	Name of the University	Date of Award	Title of the Thesis
M.Phil.	Annamalai University	May - 2006	Synthesis of Structurally related Derivatives of Anti Inflammatory Drugs

VI. Teaching experience of full time teachers in the same institution (Furnish the particulars from 1/1/2015 to 31/5/2023)

Designation	Date of appointment	Nature of appointment (Govt., Guest Faculty, PTA)	Name of the Department	Total years of Experience in the same institution	Is the teacher still serving the institution/ If not last date of the service of Faculty to the Institution
Guest Lecturer	02.02.2015	Guest Faculty	Chemistry	9 years 3 months	Yes

IX. Number of research papers per teachers in the journals notified on UGC website during the last five years.

9.2 International Journal

Name of journal	Month (Volume, Issue No.)	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier (doi) number		
				Link to website of the Journal	Link to article/paper/abstract of the article	Is it listed in UGC Care list/Scopus/Web of Science/other, mention
International Journal of Mechanical Engineering	Vol 7 (Special Issue to, Jan-Feb.2022)	Jan-Feb 2022	0974-5823		Title:A New composite ion exchangers for waste water treatment(pg no: 282-286)	
International Journal of Mechanical Engineering	Vol 7 (Special Issue to, Jan-Feb.2022	Jan-Feb 2022	0974-5823		Title: A New Low - cost Ion Exchanges (pg no: 294-298)	

XII. Teachers undergoing face-to-face/ Online Faculty Development Programmes (FDP) during the last five years

Year	Title of the program	Offline / Online	Duration (from – to) (DD-MM-YYYY)	Name of the organized Institution / university
JUNE 2018 – MAY 2019	Challenge and changes in revised NAAC Framework	Offline	09.03.2019	M.V.Muthiah Government Arts College For Women

XII. PG projects guided

Academic Year	Course (M.A. MSc., M.Com.)	Title	Nature of the Project (Theory/ Practical / Field Visit / Internship)
JAN 2015- MAY 2016	M.Sc.	1.Analysis of various components of detergents and soaps. 2. Analysis of Diary products in KC Diary products Private Limited. 3. Analysing the quality of milk and milh products in KC Diary products. 4.Corrosion inhibition efficiency of Sebacic acid and Zn^{2+} system for carbon steel in sea water. 5. Electrochemical Hoffmann Rearrangement-A Green Approach. 6. Asafoetida as corrosion inhibitor for A1 6061 1N stimulated in concrete pore solution. 7. Electrochemical synthesis of polyaniline.	**Practical**
JUNE 2016 - MAY 2017	M.Sc.	8.Indirect electrochemical oxidation processo of simulated waste water containing the synthetic mordant Orange Dye in the presence of Nacl for decolourizaton of Textile dyeing industry. 9.Comparative study of various Edible Oils by using Agmark standard procedure 10.Use of nonconventional energy for the evaporation of Milk and Milk products effluents from a Milk unit at Dindigul. 11.Chemical synthesis and charecterisation of Ni/Cu metal Doped Silica Nanosphere composites and its application in hazardous Textile Dye degradation.	**Practical**
JUNE 2017 – MAY 2018	M.Sc.	12.Investigation of corrosion resistance of carbon steel in simulated concrete pore solution by an aqueous extract of Lesser Galangal. 13.To investigate the inhibitive action of PortulacaQuadrifida extract as Green corrosion inhibitor on carbon steel in an aqueous environment. 14.Effect of PentatropicNivalis extract on the behavior of carbon steel in 1M Hcl solution. 15.An aqueous Extraact of Pisonia Alba as Eco- Friendly corrosion Inhibitor FOR Carbon steel in sea water.	**Practical**
JUNE 2018 - MAY 2019	M.Sc.	16.Eco – friendly corrosion inhibitor for mild steel on IM Hcl solution. 17.Bio synthesisted silver nanoparticles as potent anti- corrosive inhibitor for mild steel in 0.5 M Hcl solution.	**Practical**

		18.Antibacterial and photocatalytic degradation effica of silver nanoparticles biosynthesisted using plant extracts. 19.Plant mediated synthesis of silver nanoparticles for photocatalytic and antibacterial application. 20.Enhanced Corrosion Inhibitive Properties of Carbon Steel in Stimulated concrete pore solution by new inhibitor formulation	
JUNE 2019 – MAY 2020	M.Sc.	21.Charecterization on Anticorrosion properties of plant extract used Silver nano particles composites for Carbon Steel Corrosion in Sea water. 22. Green synthesis charecterisation & application of Ag,Cu & Zn Nanoparticles 23.Inhibition efficiency of plant extract and corrosion of carbon steel in 1M Hydrochloric acid solution. 24.Green synthesis charecterisation & application of Ag,Cu & Zn Nanoparticles. 25Inhibition effect of amino acids on the corrosion resistance of mild steel in well water.	**Practical**
JUNE 2020 – MAY 2021	M.Sc.	26.Inhibition efficiency of sarcostema Acidum on carbon steel in river water medium. 27.Inhibition efficiency of Acanthospermum Hispidum on corrosion resistance in river water 28.Inhibition efficiency of sodium gluconate (SG) and Zn^{2+} system for carbon steel in sea water. 29.Enhanced corrosion inhibitive properties of carbon steel in stimulated concrete pore solution by new inhibitor formulation 30.Synthesis of Ag, Cu, Zn nanoparticles from Neotea curcuma zedoary and its inhibition properties.	**Practical**
JUNE 2021 – MAY 2022	M.Sc.	31.Impact of Aqueous solution on water quality analysis in bore well water at Sendurai (Dindigul) and by Adsorption study using orange peel powder and cumin powder as an adsorbents. 32.Analysing the adverse effect of soap industry effluents on the ground water samples by analyzing the various physico-chemical parameters present in water 33.Corrosion inhibition of L80 alloy in simulated oil well water in the presence of oxalic acid. 34.Assessment of physic-chemical parameters of water samples and analyzing the impact of Tannery effluents on the water sample. 35.Corrosion inhibition of L80 alloy I simulated oil well water in the presence of Mono sodium phosphate "(MSP)".	**Practical** **Field Work** **practical** **Field Work** **Practical**

JUNE 2022 – MAY 2023	M.Sc.	36.Influence of an aqueous extract of Zingiber Officinale on corrosion resistance of L80 alloy in simulated concrete pore solution. 37.Inhibition of corrosion of Aluminium in 1M NaOH by aqueous extract of Nannari Leaves.	**Practical**
JUNE 2023 – MAY 2024	M.Sc	38.Extraction of Lutein from Yellow,White and Purple Colour Flower Of Chrysanthemum Indicum Species 39.Comparative Study of Phytochemical Antioxidant,Antibacterial Activity of Six Different Tulasi Leaves And Silver,Gold Nanoparticles Synthesized By Green Approach	**Practical**

XV. No. of programmes attended / participated

ACADEMIC YEAR	Seminars / Webinar			Conferences / Virtual Conferences			Workshops / Online Workshops		
	INTERNATIONAL	NATIONAL	STATE	INTERNATIONAL	NATIONAL	STATE	INTERNATIONAL	NATIONAL	STATE
JAN 2015-MAY 2016	-	-	**1/-**	-	-	-	-	-	-
JUNE 2016 - MAY 2017	-	-	-	-	-	-	-	-	-
JUNE 2017 – MAY 2018	-	-	-	-	-	-	-	-	-
JUNE 2018 - MAY 2019	-	-	-	-	-	-	-	-	-
JUNE 2019 – MAY 2020	-	-	**-/1**	-	-	-	-	-	-
JUNE 2020 – MAY 2021	**-/8**	**-/2**	**-/17**	-	-	-	-	-	-

JUNE 2021 – MAY 2022	**-/1**	**-/1**	**-/3**	-	-	-	-	-	-
JUNE 2022 – MAY 2023	**-/1**	**-**	**-**	-	-	-	-	-	-
JUNE 2023 – MAY 2024									1

J.Jeyaseeli
Signature