

SSR – Faculty Profile (1.1.2015 to 31.5.2025)

I. General Information

Name	Mrs. G. Nandhini
Designation	Guest Lecturer
Qualification	M.Sc., M.Phil.
Department	Chemistry
Mail Id	nandhubarbi@gmail.com
Contact No.	9626782250
PAN Number	BFPPN9201M



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 and Printer
JUNE 2016 – MAY 2017	Computer and Printer
JUNE 2017– MAY 2018	Computer, Printer, Laptop and Mobile Phone
JUNE 2018 – MAY 2019	Computer, Printer, Laptop and Mobile Phone
JUNE 2019– MAY 2020	Computer, Printer, Laptop and Mobile Phone
JUNE 2020– MAY 2021	Computer, Printer, Laptop and Mobile Phone
JUNE 2021– MAY 2022	Computer, Printer and Mobile Phone
JUNE 2022– MAY 2023	Computer, Printer and Mobile Phone
JUNE 2023– MAY 2024	Computer, Printer and Mobile Phone
JUNE 2024– MAY 2025	Computer, Printer and Mobile Phone

IV. Mentor role

AcademicYear	Course and Year	Number of students assigned	Number of Circulars with date
JAN 2015 – MAY 2016	B.Sc. Chemistry – I	4	Circular – 01 Date - 22.06.2015
	B.Sc. Chemistry – II	4	
	B.Sc. Chemistry - III	6	
	M.Sc. Chemistry – I	3	Circular – 02 Date - 16.12.2015
	M.Sc. Chemistry – II	3	

JUNE 2016 – MAY 2017	B.Sc. Chemistry - I	7	Circular – 01
	B.Sc. Chemistry – II	4	Date - 27.06.2016
	B.Sc. Chemistry - III	6	
	M.Sc. Chemistry – I	4	Circular – 02
	M.Sc. Chemistry – II	2	Date - 14.12.2016
JUNE 2017– MAY 2018	B.Sc. Chemistry - I	4	Circular – 01
	B.Sc. Chemistry – II	5	Date - 03.07.2017
	B.Sc. Chemistry - III	4	
	M.Sc. Chemistry – I	3	Circular – 02
	M.Sc. Chemistry – II	2	Date - 06.12.2017
JUNE 2018 – MAY 2019	B.Sc. Chemistry - I	3	Circular – 01
	B.Sc. Chemistry – II	3	Date - 18.06.2018
	B.Sc. Chemistry - III	4	
	M.Sc. Chemistry – I	2	Circular – 02
	M.Sc. Chemistry – II	3	Date - 02.12.2018
JUNE 2019– MAY 2020	B.Sc. Chemistry - I	3	Circular – 01
	B.Sc. Chemistry – II	3	Date - 22.07.2019
	B.Sc. Chemistry - III	3	
	M.Sc. Chemistry – I	3	Circular – 02
	M.Sc. Chemistry – II	2	Date - 27.11.2019
JUNE 2020– MAY 2021	B.Sc. Chemistry - I	3	Circular – 01
	B.Sc. Chemistry – II	3	Date - 10.08.2020
	B.Sc. Chemistry - III	3	
	M.Sc. Chemistry – I	3	Circular – 02
	M.Sc. Chemistry – II	3	Date - 06.01.2021
JUNE 2021– MAY 2022	B.Sc. Chemistry - I	4	Circular – 01
	B.Sc. Chemistry – II	3	Date – 09.08.2021
	B.Sc. Chemistry - III	3	Circular – 02
	M.Sc. Chemistry – I	2	Date – 05.01.2022
	M.Sc. Chemistry – II	3	
JUNE 2022– MAY 2023	B.Sc. Chemistry - I	3	Circular – 01
	B.Sc. Chemistry – II	3	Date – 25.07.2022
	B.Sc. Chemistry - III	3	Circular – 02
	M.Sc. Chemistry – I	2	Date – 06.12.2022
	M.Sc. Chemistry – II	2	
JUNE 2023– MAY 2024	B.Sc. Chemistry - I	2	Circular – 01
	B.Sc. Chemistry – II	2	Date – 20.06.2023

	B.Sc. Chemistry - III	2	Circular – 02
	M.Sc. Chemistry – I	2	Date – 04.12.2023
	M.Sc. Chemistry – II	2	
JUNE 2024– MAY 2025	B.Sc. Chemistry - I	3	Circular – 01
	B.Sc. Chemistry – II	2	Date – 24.06.2024
	B.Sc. Chemistry - III	2	Circular – 02
	M.Sc. Chemistry – I	2	Date – 27.11.2024
	M.Sc. Chemistry – II	2	

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.	Gandhigram rural Institute (Deemed University), Gandhigram.	29.01.2016	Simultaneous Determination of Vitamin B9 and C using Single-Walled Carbon Nanotubes-Polymer Composite modified Electrode

VI. Teaching experience of full-time teachers in the same institution (Furnish the particulars from (1/1/2015 to 31/5/2025))

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
M.Sc., M.Phil.	05.10.2015	Guest Faculty (PTA)	Department of Chemistry	1 Year 1 Month	-
M.Sc., M.Phil.	05.12.2016	Guest Faculty	Department of Chemistry	9 Years 7 Months	Yes

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

Academic Year	Title of the program	Offline	Duration (From – to) (DD-MM-YYYY)	Name of the organized Institution / university
JUNE 2018– MAY 2019	FDP on Challenges and Changes in Revised NAAC Framework (FDP-CCRNF)	Offline	09.03.2019	M.V.Muthiah Government Arts College for Women, Dindigul.
JUNE 2021– MAY 2022	A – Z of Organizing Online Programmes	Offline	31.01.2022	M.V.Muthiah Government Arts College for Women, Dindigul
JUNE 2023- MAY 2024	Naan Mudhalvan Course (III UG – Odd sem) International Regulatory Requirements for Good Manufacturing Practices - Pharmagenie	Offline	17.07.2023 to 21.07.2023	Madurai Kamaraj University, Madurai.
	Naan Mudhalvan Course (III UG – Even sem) EV Battery Management - Rareminds	Offline	22.01.2024 to 24.01.2024 29.01.2024 to 30.01.2024	Madurai Kamaraj University, Madurai.
JUNE 2024- MAY 2025	Naan Mudhalvan Course (III UG – Odd sem) Good Manufacturing Practices – Quality Assurance - Pharmagenie	Offline	18.6.2024 to 23.6.2024	Madurai Kamaraj University, Madurai.
	Naan Mudhalvan Course (III UG – Even sem) Chemical Safety in Battery Management	Offline	18.12.2024- 24.12.2024	Madurai Kamaraj University, Madurai.

XIV. PG projects guided

Academic Year	Course- M.Sc. Chemistry	Title of the Project	Nature of the Project (Theory/ Practical / Field Visit / Internship)
JUNE 2018 - MAY 2019	M.Sc. Chemistry	1. Amino Acids as Corrosion Inhibitor for Carbon Steel in Sea Water	Practical
		2. A Study on The Ground Water Analysis with Special Impact of Industry Effluent in Dindigul District	Practical
		3. Preliminary Phytochemical Analysis and Characterization	

		<p>Plant Leaves of IondiumSuffruticosum and Pentatropis Nivalis</p> <p>4. Green Synthesis of Silver Nanoparticles, Their Characterization, Antimicrobial and Photocatalytic Activities Against Methylene Blue</p> <p>5. A Study on The Investigation of Annona Muricata Leaves for The Characterization Properties in The Treatment of Cancer Using UV And FTIR</p>	<p>Practical</p> <p>Practical</p> <p>Practical</p>
JUNE 2019 – MAY 2020	M.Sc. Chemistry	<p>1. Corrosion Inhibition by Dicarboxylic Acid in Chloride Medium</p> <p>2. Inhibition of Corrosion of Mild Steel in Sea Water by An Aqueous Solution of Beetroot</p> <p>3. Inhibition of Corrosion of Mild Steel in Sea Water by An Aqueous Solution of Carrot</p> <p>4. A Corrosion Inhibition of Mild Steel in Distilled Water by An Aqueous Solution of Glutaric Acid</p> <p>5. Inhibition of Corrosion of Mild Steel in A Sea Water by An Aqueous Extract of Turmeric Powder</p>	<p>Practical</p> <p>Practical</p> <p>Practical</p> <p>Practical</p> <p>Practical</p>
JUNE 2021 – MAY 2022	M.Sc. Chemistry	<p>1. Corrosion Resistance of Orthodontic Wire made of Ni-Ti Alloy in Artificial Saliva in the Presence of Kopiko Candy</p> <p>2. Identification of Essential Mineral content in Different Agricultural Land Soil</p> <p>3. Comparison and Analysis of essential Mineral Content in Polluted Land and Non polluted Land</p> <p>4. Assessment of Soil Mineral content in Farm Land Soil and Industrial Land Soil</p> <p>5. Influence of Milky Éclair Candy on the Corrosion resistance of Orthodontic Wire made of Ni-Ti Alloy in Artificial Saliva</p>	<p>Practical</p> <p>Field Work</p> <p>Field Work</p> <p>Field Work</p> <p>Practical</p>
JUNE 2022 – MAY 2023	M.Sc. Chemistry	<p>1. Identification of Essential mineral content in various fields of Soil</p> <p>2. Comparative study of water and soil parameters of farm land and industrial land</p>	<p>Field Work</p> <p>Field Work</p>
JUNE 2023- MAY 2024	M.Sc. Chemistry	<p>1. Green syntheiszed silver and copper nano particles using cardiospermum helicacabum leaf extract and its comparative studies</p> <p>2. Green Synthesis of Copper nanoparticles using tephrosia purpurea plant leaf extract and application of waste water</p>	<p>Practical</p>

		treatment by adsorption process	
JUNE 2024- MAY 2025	M.Sc. Chemistry	1. Inhibition of sodium gluconate for the corrosion of carbon steel in well water medium 2. Corrosion inhibition of carbon steel in acid medium using tithonia diversifolia as green corrosion inhibitor	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/-	-	1/-	-	-	-	-
JUNE 2016 – MAY 2017	-	-	-	-	-	-	-	-	-
JUNE 2017- MAY 2018	-	-	-	-	-	-	-	-	-
JUNE 2018- MAY 2019	-	-	1/-	-	1/-	-	-	-	-
JUNE 2019- MAY 2020	-	2/-	1/-	-	-	-	-	-	-
JUNE 2020- MAY 2021	1/-	-	-/11	-	-	-	-	-	-
JUNE 2021- MAY 2022	-	-	-/3	-	-	-	-	-	-
JUNE 2022- MAY 2023	-	-	-	-	-	-	-	-	-
JUNE 2023- MAY 2024	-	-	-	-	-	-	-	-	1/-
JUNE 2024- MAY 2025	-	-	-	-	-	-	-	-	1/-

Mrs.G.Nandhini
Signature