

Faculty Profile

1. **Name** : Ms.N.P.RUDRA SHOWDRI
2. **Designation** : Assistant Professor
3. **Department** : Chemistry
4. **Age & DOB** : 27 & 1994
5. **Date of first appointment** : 18.01.2019
6. **Educational Qualification** : M.Sc.,M.Phil.,



Degree / Diploma / Certificate	Subject	Name Of The Institution	Year Of Passing	Remarks
B.Sc	Chemistry	A.D.M.College, Nagapattinam	2015	-
M.Sc	Chemistry	E.G.S.Pillay, Nagapattinam	2017	-
M.Phil	Chemistry	Madras University, Guindy, Chennai	2018	-

7. Academic/Teaching Experience

S. NO	INSTITUTION	FROM – TO
1	A.D.M.College for Women (Autonomous), Nagapattinam	18.01.2019 to till date

8. **Area of specialization** : **Electrochemistry**

9. **Area of Research Interest** : **Nanoscience**

10. Seminars/Conferences/Workshops Organized

S. NO.	PROGRAMMES	ORGANIZED BY	DATE
1	Workshop on Radioactivity	PG & Research Department of Chemistry, A.D.M.College for Women (Autonomous), Nagapattinam.	14.12.2019
2	National Webinar on Advanced CSIR & NET Preparation tools and techniques	PG & Research Department of Chemistry, A. D. M College for Women, Nagapattinam	19.03.2021
3	National Webinar on Research Methodology : Methods &	PG & Research Department of Chemistry, A. D. M College for Women, Nagapattinam	07.05.2021

	Techniques	
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11. Membership in Academic/Professional Bodies: Member – Board of Studies of Chemistry

12. Campus Leadership

- NCC Additional In charge
- Mentor –Mentee In charge
- Criterion V
- I B.Sc., Class In charge

13. Seminars/Conferences/Workshops attended

S. NO.	PROGRAMMES	ORGANIZED BY	DATE
1.	“Application of Science & Technology in Rural Areas”- Edible Mushroom Cultivation	A.D.M.College for Women (Autonomous), Nagapattinam.	04.02.2019
2.	Application of Science & Technology in Rural areas - Preservation of Vegetables and Fruits	A.D.M.College for Women (Autonomous), Nagapattinam.	05.02.2019
3.	“Application of Science & Technology in Rural Areas”- Solar Energy and Demonstration	A.D.M.College for Women (Autonomous), Nagapattinam.	06.02.2019
4.	“Application of Science & Technology in Rural Areas”- Organic Farming Techniques	A.D.M.College for Women (Autonomous), Nagapattinam.	07.02.2019
5.	Application of Science & Technology in Rural areas – Identification of Food adulteration	A.D.M.College for Women (Autonomous), Nagapattinam.	08.02.2019
6.	International Conference on Emerging Trends & Innovations in Chemistry- “Fabrication of Electrochemical Sensor for Catechol using chitosan based on Graphene/ Carbon black composite film modified electrode”	Department of Chemistry, Sengamala Thayaar Educational Trust Women’s College, Mannargudi	20.08. 2019
7.	One Day Workshop on “Radioactivity” (IANCAS)	A.D.M.College for Women (Autonomous), Nagapattinam.	14.12.2019
8.	National Conference On “Emerging Trends In Basic and	Department of Chemistry, T.B.M.L.College, Porayar	0 6.02.2020

	Applied Sciences”		
9.	National Conference On Recent Trends in Material Science (NCRTMS)- “Simultaneous Voltammetric Determination of Chlorogenic acid, Vanniline and Caffeine in food and Beverage samples based poly protected silver nanoparticles modified”	PG & Research Department of Chemistry and Physics, Thiru.Vi.Ka. Govt. Arts College, Thiruvarur	14.02.2020
10.	One Day Seminar on “NAAC- Overview & Functioning of IQAC”	A.D.M.College for Women (Autonomous), Nagapattinam.	15.02. 2020
11.	International Conference on “Recent Advances in Materials Science”	Department of Materials Science School of Technology, Central University of Tamilnadu, Tiruvarur	25.02.2020
12.	Two Days Workshop Program on “Entrepreneurship Development in Fish Processing”	Tamilnadu Dr.J.Jayalalithaa Fisheries University, Nagapattinam	27.02.2020 to 28.02.2020

14. Papers Presentation

S. NO.	NAME OF THE PAPER	ORGANIZED BY	DATE
1.	“Rapid Square Wave Voltammetry Detection of Polyphenols in Commercial Fruit Juice and Health Products using Chitosan Protected Carbon Black/Graphene Composite film modified electrode”	International Conference on Technology in Redefining Health ,Department of Chemistry ,Mount Carmel College (Autonomous), Bengaluru	22.11. 2017to 23.11. 2017.
2.	“Electrochemical detection of antioxidant BHA in food samples using Nickel (II) hexacyanoferrate decorated hallosite modified electrodes”	National Conference on Functional Materials and its Applications (NCFMA-2018), Department of Chemistry, VELS institute of science technology and advanced studies (VISTAS), Chennai	28.02.2018to 01.02.2018
3.	“Fabrication of electrochemical sensor for Catechol based on	Post-Centenary diamond jubilee- National Seminar on Recent Trends	22.02.2018 to 23.02.2018

	Graphene/ Carbon black modified electrode”	in Nanobiosensors	
4.	“Electrochemical detection of polyphenols in commercial fruit juice using chitosan protected CB/ RGO modified electrodes”	National Conference on Recent Trends in Physics of materials(NCRTPM), Department of Chemistry, University Of Madras (UNOM), Chennai	09.02.2018 to 10.02.2018
5.	Fabrication of Electrochemical Sensor for Catechol using chitosan based on Graphene/ Carbon black composite film modified electrode	International Conference on “Emerging Trends & Innovations in Chemistry”, Department of Chemistry, Sengamala Thayaar Educational Trust Women’s College, Mannargudi	20.08.2019
6.	“Simultaneous Voltammetric Determination of Chlorogenic acid, Vanniline and Caffeine in food and Beverage samples based poly protected silver nanoparticles modified”	National Conference On Recent Trends in Material Science (NCRTMS, PG & Research Department of Chemistry and Physics, Thiru.Vi.Ka. Govt. Arts College, Thiruvarur	14.02.2020

15. Papers Publications

- ❖ International
- ❖ National

S.No	Article	Name of the Journal	Year
1.	Voltammetric determination of caffeic acid by using a glassy carbon electrode modified with a chitosan-protected nanohybrid composed of carbon black and reduced graphene oxide	Microchimica Acta	07 January 2019, 186(2):54