DEPARTMENT : CHEMISTRY



YEAR

ACTIVITY : FACULTY EXCHANGE PROGRAMME

: 2022-2023

DEPARTMENT OF CHEMISTRY

DATE	TIME			VENUE		
09.01.2023 to 12.1.2023	02:00 p.m. to 04:00 p.m.	Yadava Colle E.M.G.Yadava Women's			0	
Theme	-		vancing Acade hange	mic Insight	s through Faculty	
Nature of t	the Activity	Faculty Exchange Programme				
Title		NMR Spectroscopy & Electrochemistry				
Conveners		Hea of C EM	S.Manimekala ad, Assistant Pr Chemistry GYWC durai		Dr.A.Krishnaveni Head, Assistant Professor of Chemistry Yadava College Madurai	
Resource Persons		Dr.A.Ramya Assistant Professor of Chemistry EMGYWC Madurai.		M.U.M.Mutukum aran Assistant Professor of Chemistry Yadava College Madurai.		
		V.Gokilaa Assistant Professor of Chemistry EMGYWC, Madurai.		P.Muthuraman Assistant Professor of Chemistry Yadava College Madurai.		
Collaborating Institutions		Academic Collaboration(MoU) E.M.G. Yadava Women's College, Madurai & Yadava College, Madurai				
	MGYWC		Yadava College			
Faculty	Students		Faculty	• •	Students	
2	-		2	30	18	

FEP ON "NMR SPECTROSCOPY & ELECTROCHEMISTRY"

Objective:

To facilitate the exchange of knowledge and expertise between institutions, promoting the advancement of research and education in these specialized areas of chemistry.

To enhance faculty members' and students' proficiency in NMR spectroscopy and electrochemistry, explore collaborative research projects, and integrate advanced techniques into the curriculum.

Report:

The FEP commenced with an introductory session where M.U.M.Mutukumaran Assistant Professor of Chemistry, Yadava College, and V.Gokila, Assistant Professor of Chemistry, EMGYWC, distinguished experts in NMR spectroscopy and P.Muthuraman, Assistant Professor of Chemistry, Yadava College, and DR.R.Ramya, V.Gokila, Assistant Professor of Chemistry, EMGYWC, experts in Electrochemistry, respectively, shared their insights and experiences. This was followed by a series of lectures that covered fundamental principles, advanced techniques, and recent developments in both fields. In the NMR spectroscopy sessions, participants learned about the latest advancements in NMR instrumentation, data acquisition, and spectral interpretation. The experts provided insights on sample preparation, pulse sequence optimization, troubleshooting common issues, molecular structures and dynamics etc. The electrochemistry sessions focused on modern electrochemical techniques, including cyclic voltammetry, electrochemical impedance spectroscopy, and their applications in materials science and bio-electrochemistry.

Programme Outcome:

Faculty members reported a better understanding of advanced techniques and their practical applications, which they plan to incorporate into their research and teaching. The programme made a collaborative environment, leading to the initiation of several joint research projects. Participants also gained valuable insights into integrating these advanced techniques into their curricula, enhancing the educational experience for their students.

Overall, the Faculty Exchange Programme on "NMR Spectroscopy & Electrochemistry" was a success, contributing to the professional development of faculty members and the advancement of research and education in these critical areas of chemistry.

Photographs:



MoU FEP: P.Muthuraman, Assistant Professor of Chemistry, Yadava College Teaches "Electrochemistry" at Department of Chemistry, EMGYWC on 09.01.2023.



MoU FEP: Dr.A.Ramya, Assistant Professor of Chemistry, EMGYWC Teaches "Electrochemistry" at Department of Chemistry, Yadava College on 10.01.2023.



MoU FEP: M.U.M.Muthukumaran, Assistant Professor of Chemistry, Yadava College Teaches "NMR Spectroscopy " at Department of Chemistry, EMGYWC on 11.01.2023.



MoU FEP: V.Gokila, Assistant Professor of Chemistry, EMGYWC Teaches "NMR Spectroscopy" at Department of Chemistry, Yadava College on 12.01.2023.

Enclosures:

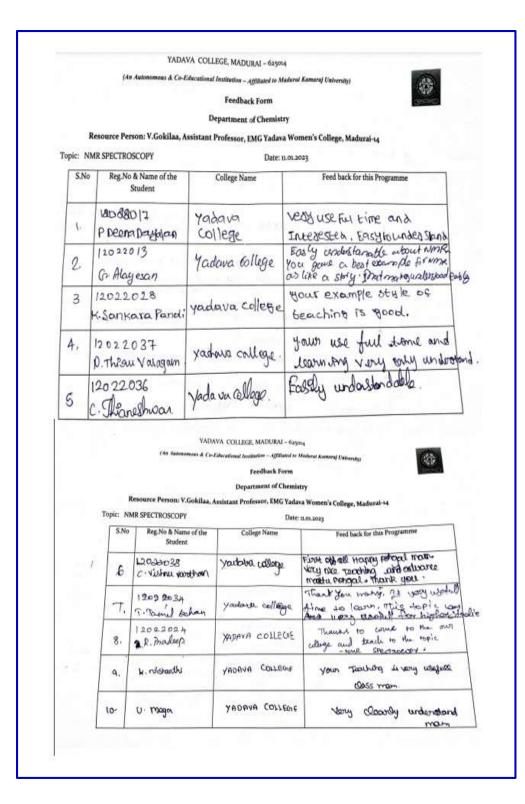
a. Invitation:



Feedback:

	YAD	AVA COLLEGE, MAI	DURAI - 625014
	(An Autonomous 8	& Co-Educational Institution – Affle	liated to Madurai Kamaraj University)
		Feedback For	m
		Department of Ch	
Resour	ce Person: Dr.A.Ramya	, Assistant Professor, E	MG Yadava Women's College, Madurai
Topic:	Electrochemistry		Date: 10.01.2023
S.No	Reg.No & Name of the Student	College Name	Feed back for this Programme
1.	12022003 - S Ananti	YADAVA COLLECIE	Nice speech Nam. please teach Slowly
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2. S. Harrhavarthin	12022005	Your NMR explanation is good man.
S. Marugeshwari	120 8 800 8 .	principle of NMR & good explan and easy understand mam.
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b. Nominal Roll of Participants:

1. Student participants of Yadava College:

3	March .		
	E.	(An Autonomous Inst	OMEN'S COLLEGE, MADURAI – 625 014. itution – Affiliated to Madurai Kamaraj University) (Cycle) with Grade A' and CGPA 3.51 by NAAC
	MoU /	Activity, "Faculty I	Exchange Programme" - 10.01.2023
S.No.	REGISTER	NAME	DEPARTMENT
1.	12022002	S.Ananthi	Department of Chemistry, Yadava College.
2.	12022003	M.Aswathi	Department of Chemistry, Yadava College.
3.	12022004	V.Bruntha	Department of Chemistry, Yadava College.
4.	12022005	S.Harshavarthini	Department of Chemistry, Yadava College.
5.	12022006	K.Jeyasurya	Department of Chemistry, Yadava College.
6.	12022007	U.Mega	Department of Chemistry, Yadava College.
7.	12022008	S.Murugeshwari	Department of Chemistry, Yadava College.
8.	12022009	M.Nandhini	Department of Chemistry, Yadava College.
9.	12022010	K.Nishanthi	Department of Chemistry, Yadava College.
10.	12022011	R.Santhiya	Department of Chemistry, Yadava College.
11.	12022012	K.Vellaiduraichi	Department of Chemistry, Yadava College.
12.	12022013	G.Alagesan	Department of Chemistry, Yadava College.
13.	12022014	S.Arun	Department of Chemistry, Yadava College.
14.	12022016	R.Asarutheen	Department of Chemistry, Yadava College.
15.	12022017	A.Deena Dayalan	Department of Chemistry, Yadava College.
16.	12022018	H.Dhayanithi	Department of Chemistry, Yadava College.
17.	12022019	A.Hariharan	Department of Chemistry, Yadava College.
18.	12022022	P.Naveen kumar	Department of Chemistry, Yadava College.
19.	12022024	R.Pradeep	Department of Chemistry, Yadava College.
20.	12022025	M.Pravin Raja	Department of Chemistry, Yadava College.
21.	12022026	K.Raja	Department of Chemistry, Yadava College
22.	12022027	M.Sanjay	Department of Chemistry, Yadava College.

23.	12022028	K.Sankara Pandi	Department of Chemistry, Yadava College.
24.	12022029	N.Santhana Kumar	Department of Chemistry, Yadava College.
25.	12022030	R.Santhosh	Department of Chemistry, Yadava College.
26.	12022033	N.Sivabalan	Department of Chemistry, Yadava College.
27,	12022035	R.Thennarasu	Department of Chemistry, Yadava College.
28.	12022036	C.Thineswar	
29.	12022037	P.Thiruvasagam	Department of Chemistry, Yadava College.
30.	12022038	C.Vishnu Varthan	Department of Chemistry, Yadava College. Department of Chemistry, Yadava College.

2. Student participants of Yadava college:

S.No.	REGISTER NUMBER	NAME	change Programme" - 12.01.2023
1.	12022002	S.Ananthi	DEPARTMENT
2.	12022003	M.Aswathi	Department of Chemistry, Yadava College.
3.	12022004	V.Bruntha	Department of Chemistry, Yadava College. Department of Chemistry, Yadava College.
4.	12022005	S.Harshavarthini	Department of Chemistry, Yadava College.
5.	12022006	K.Jeyasurya	Department of Chemistry, Yadava College.
6.	12022007	U.Mega	Department of Chemistry, Yadava College.
7.	12022010	K.Nishanthi	Department of Chemistry, Yadava College.
8.	12022011	R.Santhiya	Department of Chemistry, Yadava College.
9.	12022012	K.Vellaiduraichi	Department of Chemistry, Yadava College.
10.	12022013	G.Alagesan	Department of Chemistry, Yadava College.
11.	12022017	A.Deena Dayalan	Department of Chemistry, Yadava College
12.	12022022	P.Naveen kumar	Department of Chemistry, Yadava College
13.	12022024	R.Pradeep	Department of Chemistry, Yadava College
14.	12022028	K.Sankara Pandi	Department of Chemistry, Yadava College
15.	12022034	T.Tamilselvan	Department of Chemistry, Yadava College

16.	12022036	C.Thineswar	Department of Chemistry, Yadava College
17.	12022037	P.Thiruvasagam	Department of Chemistry, Yadava College
18.	12022038	C. Vishnu Varthan	Department of Chemistry, Yadava College

Coordinator: Dr. A. LAMYA Head of the Department MTS.V. MOKILAA

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