



DEPARTMENT : CHEMISTRY

ACTIVITY : FACULTY EXCHANGE PROGRAMME

YEAR : 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 College & E.M.G.Yadava Women's College, Madurai					
Theme		Advancing Academic Insights through Faculty Exchange					
Nature of the Activity		Faculty Exchange Programme					
Title		NMR Spectroscopy & Electrochemistry					
Conveners		Dr.S.Manimekalai Head, Assistant Professor of Chemistry EMGYWC Madurai	Dr.A.Krishnaveni Head, Assistant Professor of Chemistry Yadava College Madurai				
Resource Persons		Dr.A.Ramya Assistant Professor of Chemistry EMGYWC Madurai. V.Gokilaa Assistant Professor of Chemistry EMGYWC, Madurai.	M.U.M.Mutukumaran Assistant Professor of Chemistry Yadava College 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					
		EMGYWC		Yadava College			
Faculty		Students		Faculty		Students	
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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.

E.M.GOPALAKRISHNA KONE YADAVA WOMEN'S COLLEGE

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.

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MoU FEP: M.U.M.Muthukumar, 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.

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Enclosures:

a. Invitation:

 **E.M.G YADAVA WOMEN'S COLLEGE, MADURAI - 625014**
(An Autonomous Institution – Affiliated to Madurai Kamaraj University)
Re- accredited (3rd cycle) with Grade A* & CGPA 3.51 by NAAC

 **COLLABORATION WITH**
DEPARTMENT OF CHEMISTRY
YADAVA COLLEGE, THIRUPPALAI , MADURAI
(Aided Autonomous co-education Institution -Affiliated With Madurai Kamaraj University
Re- accredited with Grade A by NAAC)

ORGANIZES
FACULTY EXCHANGE PROGRAMME

NMR Spectroscopy And Electrochemistry

Venue: Yadava College & E.M.G Yadava Women's College

Date: 9.1.2023-12.1.2023
Time : 10am-4pm

Convener
Dr.A.Krishnaveni
Head of the Department
Yadava College
Dr.(Mrs).S.Manimekalai,
Head of the Department
E.M.G Yadava Women's College

All are cordially invited

Dr.M.Narayan
Principal(i/c)
Yadava College

Dr.(Mrs) V.Pushpalatha
Principal(i/c)
E.M.G.Yadava Women's
College

Resource Persons:

Dr.A.Ramya
Assistant Professor
Department of Chemistry
E.M.G Yadava Women's College



Mrs.V.Gokilaa
Assistant Professor
Department of Chemistry
E.M.G Yadava Women's College

Dr.P.Muthuraman
Assistant Professor
Department of Chemistry
Yadava College

Mr.M.U.M.Muthukumar
Assistant Professor
Department of Chemistry
Yadava College

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Feedback:

 YADAVA COLLEGE, MADURAI - 625014 
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Feedback Form
Department of Chemistry

Resource Person: Dr.A.Ramya, Assistant Professor, EMG Yadava Women's College, Madurai-14

Topic: Electrochemistry **Date: 10.01.2023**

S.No	Reg.No & Name of the Student	College Name	Feed back for this Programme
1.	12028008 - S.Ananth	YADAVA COLLEGE	NICE speech mam. please teach slowly
2.	12028008 - S.Narajeshwari	YADAVA COLLEGE	Mam, your teaching is very fast.
3.	12022009 - M.Nanthan	YADAVA COLLEGE	Please teach slowly mam. Thank you so much mam.

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YADAVA COLLEGE, MADURAI - 625014

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Feedback Form

Department of Chemistry

Resource Person: V.Gokilaa, Assistant Professor, EMG Yadava Women's College, Madurai-14

Topic: NMR SPECTROSCOPY

Date: 11.01.2023

S.No	Reg.No & Name of the Student	College Name	Feed back for this Programme
1.	12022017 P. Deepa Dayalan	Yadava College	VERY USEFUL TIME AND INTERESTING, EASY TO UNDERSTAND
2.	12022013 G. Alayesan	Yadava college	Easily understandable about NMR. You gave a best example for NMR as like a story. Practising understood easily
3.	12022018 K. Sankara Pandi	yadava college	Your example style of teaching is good.
4.	12022037 D. Thirai Valagam	yadava college.	Your use full time and learning very easily understand.
5.	12022036 C. Shaneshwar	yadava college.	Easily understandable.

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Feedback Form

Department of Chemistry

Resource Person: V.Gokilaa, Assistant Professor, EMG Yadava Women's College, Madurai-14

Topic: NMR SPECTROSCOPY

Date: 11.01.2023

S.No	Reg.No & Name of the Student	College Name	Feed back for this Programme
6.	12022038 C. Vishnu vardhan	Yadava college	First of all Happy festival mam. Very nice teaching and evaluate marks perfect. Thank you.
7.	12022034 S. Tamil Sakari	Yadava college	Thank you mam. It very useful time to learn. This topic was also very useful for higher studies
8.	12022024 R. Pradeep	YADAVA COLLEGE	Thanks to come to the our college and teach to the topic - NMR SPECTROSCOPY.
9.	K. Nishanthi	YADAVA COLLEGE	Your teaching is very useful class mam
10.	U. Muga	YADAVA COLLEGE	Very clearly understand mam


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11	V. Bountha	12022004	your teaching very nice mam. I am easily understand mam.
12	S. Harithavathini	12022005	Your NMR explanation is good mam.
13	S. Marugeswari	12022008	principle of NMR is good explain and easy understand mam.
14	S. Ananthi	12022002	Your teaching is so good, easy to understand pannasa mathiri inukthudu
15	K. velladurai	12022012	your teaching is good mam.
16	M. Aswathi	12022003	chemical shift & principle are understand for me mam
17	K. Jayasunya	12022006	your teaching is easily understand
18	R. Sathya	12022011	your teaching is neat and very well mam.
			A. Krishnaveni 12/11/2023 Asst. Prof. & Head.

E.M.GOPALAKRISHNA KONE YADAVA WOMEN'S COLLEGE

b. Nominal Roll of Participants:

1. Student participants of Yadava College:

 E.M.G. YADAVA WOMEN'S COLLEGE, MADURAI – 625 014. (An Autonomous Institution – Affiliated to Madurai Kamaraj University) Re-accredited (3 rd Cycle) with Grade A' and CGPA 3.51 by NAAC			
MoU Activity, "Faculty Exchange Programme" - 10.01.2023			
S.No.	REGISTER NUMBER	NAME	DEPARTMENT
1.	I2022002	S.Ananthi	Department of Chemistry, Yadava College.
2.	I2022003	M.Aswathi	Department of Chemistry, Yadava College.
3.	I2022004	V.Bruntha	Department of Chemistry, Yadava College.
4.	I2022005	S.Harshavarthini	Department of Chemistry, Yadava College.
5.	I2022006	K.Jeyasurya	Department of Chemistry, Yadava College.
6.	I2022007	U.Mega	Department of Chemistry, Yadava College.
7.	I2022008	S.Murugeswari	Department of Chemistry, Yadava College.
8.	I2022009	M.Nandhini	Department of Chemistry, Yadava College.
9.	I2022010	K.Nishanthi	Department of Chemistry, Yadava College.
10.	I2022011	R.Santhiya	Department of Chemistry, Yadava College.
11.	I2022012	K.Vellaiduraichi	Department of Chemistry, Yadava College.
12.	I2022013	G.Alagesan	Department of Chemistry, Yadava College.
13.	I2022014	S.Arun	Department of Chemistry, Yadava College.
14.	I2022016	R.Asarutheen	Department of Chemistry, Yadava College.
15.	I2022017	A.Deena Dayalan	Department of Chemistry, Yadava College.
16.	I2022018	H.Dhayanithi	Department of Chemistry, Yadava College.
17.	I2022019	A.Hariharan	Department of Chemistry, Yadava College.
18.	I2022022	P.Naveen kumar	Department of Chemistry, Yadava College.
19.	I2022024	R.Pradeep	Department of Chemistry, Yadava College.
20.	I2022025	M.Pravin Raja	Department of Chemistry, Yadava College.
21.	I2022026	K.Raja	Department of Chemistry, Yadava College.
22.	I2022027	M.Sanjay	Department of Chemistry, Yadava College.

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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	Department of Chemistry, Yadava College.
29.	12022037	P.Thiruvagasam	Department of Chemistry, Yadava College.
30.	12022038	C.Vishnu Varthan	Department of Chemistry, Yadava College.

2. Student participants of Yadava college:

MoU Activity, "Faculty Exchange Programme" - 12.01.2023			
S.No.	REGISTER NUMBER	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.	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.

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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. Ramya
Mrs. V. Mokila

Head of the Department


Principal
E.M.G. YADAVA WOMEN'S COLLEGE
MADURAI-625 014