



DEPARTMENT : CHEMISTRY

ACTIVITY : FACULTY EXCHANGE PROGRAMME

YEAR : 2024-2025

DEPARTMENT OF CHEMISTRY

DATES	TIME	VENUE
14.08.2024 & 21.08.2024	10.30 a.m. to 12:00 noon	Chemistry Lab, EMGYWC
Theme		Bridging Academia through Faculty Exchange
Nature of the Activity		Faculty Exchange Programme
Title		- Instrumental method of analysis- pH meter and Colorimeter - Hands on Training on Thin Layer Chromatography
Convener		Dr.S.Manimekalai Head & Assistant Professor of Chemistry EMGYWC
Resource Persons		Mrs. K.Vasuki Assistant Professor of Chemistry Sourashtra College, Madurai-625014 Dr.S.Manimekalai Assistant Professor of Chemistry, EMG Yadava Women's College, Madurai
Collaborating Institution		Academic Collaboration (MoU) Department of Chemistry, Sourashtra College, Madurai
No. of Beneficiaries		EMGYWC: Faculty - 1, Students - 25 Sourashtra College: Faculty - 1, Students - 22

**FACULTY ECHANGE PROGRAMME ON
INSTRUMENTAL METHOD OF ANALYSIS- PH METER AND COLORIMETER,
HANDS ON TRAINING ON THIN LAYER CHROMATOGRAPHY**

Objectives:

1. To facilitate the exchange of expertise and innovative techniques between faculty members from both institutions in the fields of Instrumental method of analysis- pH meter and Colorimeter and Hands on Training on Thin Layer Chromatography
2. To understand the working principles and applications of pH meters and colorimeters in analytical chemistry.
3. To accurately measure pH and determine the concentration of substances using colorimetric techniques.
4. To gain hands-on experience in performing Thin Layer Chromatography for separation, identification, and purity checking of chemical components.

Programme Outcomes:

1. Strengthened the partnership between E.M.G. Yadava Women's College and Sourashtra College, laying a strong foundation for future collaborative initiatives under the MoU.
2. Instrumental Method of Analysis – pH Meter & Colorimeter and Hands-on Training on Thin Layer Chromatography (TLC).
3. Students gain the ability to use analytical instruments such as pH meters and colorimeters for accurate chemical measurements.
4. They develop practical skills in preparing samples, calibrating instruments, and interpreting analytical data.
5. Students learn the principles and application of Thin Layer Chromatography for separation and identification of chemical components.

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Photographs:



The Department of Chemistry -FEP by Mrs. K.Vasuki ,
Assistant Professor of Chemistry, Sourashtra College, Madurai at EMGYWC- 14.08.2024

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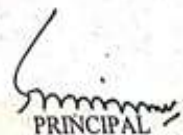
The Department of Chemistry –FEP by Dr.S.Manimekalai,
Assistant Professor of Chemistry, EMGYWC at Sourashtra College, Madurai- 21.08.2024

Enclosures:

a. Invitation:



b. Permission Letters:

	SOURASHTRA COLLEGE, MADURAI. (Autonomous) (A Linguistic Minority Co-educational Institution) [Affiliated to Madurai Kamaraj University and Re-Accredited with B+ Grade by NAAC] Office : Vilachery Main Road, Pasumalai P.O. MADURAI-625 004.
Phone : 87542 09994 87542 08885	e-mail : soucollege@gmail.com Website : www.sourashtracollege.com
Ref. No.	Date :
	13.08.2024
To	
	The Principal E.M.G Yadava Women's College (Autonomous) Madurai-625014.
	Respected Madam,
	As per Letter of Collaboration (LOC), we wish to organize Faculty Exchange Programme for this academic year 2024-2025. Mrs.K. Vasuki, Assistant Professor, Department of Chemistry in our college is willing to come to your reputed institution to deliver a lecture to UG Chemistry students on the topic "Instrumental Methods of Chemical Analysis" on 14.08.2024.
	Also, I request you to send your chemistry faculty members for the same. We need your co-operation in future also.
	Thanking you,
	 PRINCIPAL PRINCIPAL, SOURASHTRA COLLEGE MADURAI - 625 004.

E.M.GOPALAKRISHNA KONE YADAVA WOMEN'S COLLEGE



E.M.G YADAVA WOMEN'S COLLEGE, MADURAI - 625014
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Re- Accredited (3rd cycle) with Grade A⁺ & CGPA 3.51 by NAAC

19.08.2024

To

The Principal,
Sourashtra College,
Pasumalai,
Madurai-625004.

Respected Sir,

As per Letter of Collaboration (L.O.C), we wish to organize Faculty Exchange Programme for this academic year 2024-2025. Dr.S.Manimekalai, Assistant Professor, Department of Chemistry in our college is willing to come to your reputed institution to deliver a lecture to UG Chemistry students on the topic "Hands on Training on Thin Layer Chromatography" on 21.08.2024

Also, I request you to send your chemistry faculty members for the same. We need your Co-operation in future also.

Thanking you,


PRINCIPAL
E.M.G. YADAVA WOMEN'S COLLEGE
MADURAI-625014

புரிந்துணர்வு ஒப்பந்த ஆசிரியர் பர்
மாற்ற நிகழ்ச்சி: சவுராஷ்டிரா கல்லூரி,
பசுமலை, மதுரை, தலைமை: செய
லாளர் குமரேஷ், சிறப்பு விருந்தினர்:
இ.எம்.ஜி.,யாதவா மகளிர் கல்லூரி,
வேதியியல் துறைத் தலைவர் மணி
மேகலை, ஏற்பாடு: வேதியல் துறை,
காலை 10:00 மணி.

c. Feedback



Sourashtra College (Autonomous)
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E.M.G. Yadava Women's College
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 Thiruppalai, Madurai -625014



**Faculty Exchange Programme
Feedback form**

Department of Chemistry Date: 14.08.2024

Resource Person : Mrs.K.Vasuki
 Assistant Professor of Chemistry,
 Sourashtra College, Madurai

Topic: Instrumental Methods of Chemical Analysis

Venue : Sourashtra College / E.M.G.Yadava Women's College

S.No.	Name of the Student	Roll.No & Year	Feedback
1.	S. Anitha	23CHE01 II-year	Your speech is very useful for me mam
2.	Asha Sugitha	23CHE02 II-year	Easy to learn your speech mam.
3.	P. Deepika	23CHE03 II-year	Your speech is very useful for me mam
4.	M. Desika	23CHE04 II-year	Easy to learn mam.
5.	M. Dhanalakshmi	23CHE06(II)	Your speech is very useful mam. Thank You
6.	B. Hanini Sulta	23CHE07 (II)	Your speech is very excellent and useful
7.	J. Jayasri	23CHE08 (II)	Your speech is very useful mam. Thank you mam
8.	N. Jeyalashini	23CHE09	Thank you mam. your speech is very useful mam
9.	S. kalithuse Shalini	23CHE10	Your teaching is easy to understand mam

10	K. Madhu priya	23CHE11 II year	Your speech is very useful Thank you mam
11	S. Manikanya	23CHE12 II year	Your speech is very useful and understand easy mam thank you.
12	A. Nisha	23CHE14 II year	Your teaching is useful. Very good mam.
13	V. Nivetha	23CHE16 II year	Your speech is very useful. Thank you mam.
14	S. Nivetha	23CHE17	Your speech is very useful. Thank you mam.
15	T. Pundarikumar	23CHE18 II year	Your speech is very nice and very good.
16	T. Rishi	23CHE19 II year	Your teaching is really good and very nice. Thank you mam.
17	A. Ravathi	23CHE20 II year	Your speech very useful. Thank you mam.
18	M. Rithiga	23CHE21 II year	I would easily understand.
19	S. Sakthiya sen	23CHE22 II	very useful for my studies mam.
20	M. Shobika	23CHE24	Your speech is very nice and very good. Thank you mam.
21	S. Susha	23CHE26	Your teaching is very excellent & useful to my life.
22	M. Swathieswari	23CHE27	I can easily understand your teaching.
23	C. Thanusha	23CHE28	I would easily understand how we are observed in our class. Nice teaching mam.
24	S. Vaishnavi	23CHE29	Thank you mam. Your teaching is excellent and easily absorbable mam.
25	M. Yogalakshmi	23CHE30	

(Signature)

(Dr. S. MANIMURALI)

Assistant professor & Head
Department of Chemistry.



(Signature)

THE HEAD

Department of Chemistry
Sourashtra College (Autonomous)
Madurai-625004



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**Faculty Exchange Programme
Feedback form
Department of Chemistry**

Date: 21.08.2024

Resource Person : Dr.S.Manimekalai

Assistant Professor and Head, Department of Chemistry,
E.M.G.Yadava Women's College, Madurai

Topic: Hands on Training on Thin Layer Chromatography

Venue : Sourashtra College / E.M.G.Yadava Women's College

S.No.	Name of the Student	Roll.No & Year	Feedback
1.	M. Geetha	22UCY001 III year	It is very useful and very good explanation.
2	P.S. Harini	22UCY002 III year	I have understand the technique for good day
3	A. Megaraj	22UCY003 III year	It is useful The technique for research
4	E. Pyinthamil	22UCY004 III B.Sc. Chemistry	this class is useful for us. Thanks for your kind instruction.
5	M. Sobhaya	22UCY005 III B.Sc. Chemistry	useful information & I understand clearly in this topic
6.	K.K. Vasuki	22UCY006 III B.Sc. Chemistry	I understand the class and information is very nice
7.	M. Harice Ramapattan	22UCY008 III B.Sc. Chemistry	I understand the class and good information.
8.	K.K. Jeya Surya	22UCY009 III B.Sc. Chemistry	It's very useful good information & speaking.
9.	Thiruvalluvar	22UCY010 III B.Sc. Chemistry	In this class, very useful speak and useful information as well.

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Faculty Exchange Programme Feedback form

Department of Chemistry

Date: 21.08.2024

Resource Person : **Dr.S.Manimekalai**

Assistant Professor and Head, Department of Chemistry,
E.M.G.Yadava Women's College, Madurai

Topic: Hands on Training on Thin Layer Chromatography

Venue : Sourashtra College / E.M.G.Yadava Women's College

S.No.	Name of the Student	Roll.No & Year	Feedback
10	H. Madhan	22UCY011 & III rd	In this class is excellent excellent explanation & when I gather extra information
11	R.K. Manojkandan	22UCY012 & III rd	It is very good Seminar
12)	M. Muthukumar	22UCY013 III rd	I is very useful Seminar
13)	K. Nandha gopal	22UCY014 III rd	I like the Teaching
14)	S. Sarathy	22UCY016 III rd	I have understand the TLC topic for nice understand
15)	A.R. Sridharan	22UCY017 III rd	I like the seminar
16)	M. S. Vergadesh	22UCY018 III rd	I like you teaching
17)	J. R. Vignesh	22UCY019 III rd	I like your Seminar
18	R. Vinodh Kumar	22UCY021 III rd	It is very useful & very explanation

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Faculty Exchange Programme Feedback form

Department of Chemistry

Date: 21.08.2024

Resource Person : **Dr.S.Manimekalai**

Assistant Professor and Head, Department of Chemistry,
E.M.G. Yadava Women's College, Madurai

Topic: Hands on Training on Thin Layer Chromatography

Venue : Sourashtra College / E.M.G. Yadava Women's College

S.No.	Name of the Student	Roll.No & Year	Feedback
19	T. Archana	23UCY001 II B.Sc. Chemistry	This class is useful Thank for your kind instruction
20	K.B. Deepthi Sri	23UCY003 II B.Sc. Chemistry	This class is useful for your kind instruction
21	P.M. Kameshwaran	23UCY006 II B.Sc. Chemistry	This programme helps to know more about chromatography
22	J. G. Anitha Kumar	23UCY009 I B.Sc. Chemistry	It is very useful for our study



THE HEAD

Department of Chemistry
Sourashtra College (Autonomous)
Madurai-625004

21/8/24

E.M.GOPALAKRISHNA KONE YADAVA WOMEN'S COLLEGE**d. Nominal Roll of Participants:****1. Student participants from EMGYWC**

FACULTY EXCHANGE PROGRAMME- 14.08.2024			
S.No.	REGISTER NUMBER	NAME	DEPARTMENT
1	23CHE01	S.Anitha	II B.Sc. Chemistry, EMGYWC
2	23CHE02	S.Ashasugitha	II B.Sc. Chemistry, EMGYWC
3	23CHE03	P.Deepika	II B.Sc. Chemistry, EMGYWC
4	23CHE04	M.Desika	II B.Sc. Chemistry, EMGYWC
5	23CHE06	M.Dhanalakshmi	II B.Sc. Chemistry, EMGYWC
6	23CHE07	B.Harinisudha	II B.Sc. Chemistry, EMGYWC
7	23CHE08	J.Jeyasri	II B.Sc. Chemistry, EMGYWC
8	23CHE09	N.Jeya varshini	II B.Sc. Chemistry, EMGYWC
9	23CHE10	S.Kalithuseseshaliha	II B.Sc. Chemistry, EMGYWC
10	23CHE11	K.Madhupriya	II B.Sc. Chemistry, EMGYWC
11	23CHE12	S.Marimeena	II B.Sc. Chemistry, EMGYWC
12	23CHE14	S.Nisha	II B.Sc. Chemistry, EMGYWC
13	23CHE16	V.Niveethavaithi	II B.Sc. Chemistry, EMGYWC
14	23CHE17	S.Nivetha	II B.Sc. Chemistry, EMGYWC
15	23CHE18	J.Pandieswari	II B.Sc. Chemistry, EMGYWC
16	23CHE19	T.Reha	II B.Sc. Chemistry, EMGYWC
17	23CHE20	A.Revathi	II B.Sc. Chemistry, EMGYWC
18	23CHE21	M.Rithiga	II B.Sc. Chemistry, EMGYWC
19	23CHE22	S.Sakthiyashri	II B.Sc. Chemistry, EMGYWC
20	23CHE24	M.Shobika	II B.Sc. Chemistry, EMGYWC
21	23CHE26	S.Swathi	II B.Sc. Chemistry, EMGYWC
22	23CHE27	M.Swathiswari	II B.Sc. Chemistry, EMGYWC
23	23CHE28	C.Thanusha	II B.Sc. Chemistry, EMGYWC

E.M.GOPALAKRISHNA KONE YADAVA WOMEN'S COLLEGE

24	23CHE29	S.Vaishnavi	II B.Sc. Chemistry, EMGYWC
25	23CHE30	M.Yogalakshmi	II B.Sc. Chemistry, EMGYWC

2. Faculty participant from Sourashtra College

FACULTY EXCHANGE PROGRAMME - 14.08.2024 & 21.08.2024		
S.No.	NAME	DESIGNATION WITH DEPARTMENT
1.	Mrs.K.Vasuki	Assistant Professor, Department of Chemistry, Sourashtra College, Madurai

3. Student participants from Sourashtra College

FACULTY EXCHANGE PROGRAMME- 14.08.2024 & 21.08.2024			
S.No.	REGNUMBER	NAME	DEPARTMENT
1.	22UCY001	M.Geetha	III BSc. Chemistry
2	22UCY022	P.S.Harini	III BSc. Chemistry
3	22UCY003	A. Megaraj	III BSc. Chemistry
4	22UCY004	E.Pyinthamil	III BSc. Chemistry
5	22UCY005	M.Shobiya	III BSc. Chemistry
6	22UCY006	K.K.Vasuki	III BSc. Chemistry
7	22UCY008	M.Harinee Raam Patter Gee	III BSc. Chemistry
8	22UCY009	K.K.Jeya Surya	III BSc. Chemistry
9	22UCY010	T.G.Kumaresh	III BSc. Chemistry
10	22UCY011	H.Madhan	III BSc. Chemistry
11	22UCY012	R.K.Manikandan	III BSc. Chemistry
12	22UCY013	M.Muthukumar	III BSc. Chemistry
13	22UCY014	K.J.Nandha Gopal	III BSc. Chemistry
14	22UCY016	S.Sarathy	III BSc. Chemistry
15	22UCY017	A.R.Sridharan	III BSc. Chemistry
16	22UCY018	M.S.Vengadesh	III BSc. Chemistry
17	22UCY019	K.R.Vignesh	III BSc. Chemistry

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18	22UCY021	R.Vinoth Kumar	III BSc. Chemistry
19	23UCY001	T.Archana	III BSc. Chemistry
20	23UCY003	K.B.Deepthisri	III BSc. Chemistry
21	23UCY006	P.M.Kameshwaran	III BSc. Chemistry
22	23UCY009	J.G.Vishnu Kumar	III BSc. Chemistry

4. Faculty participant from EMGYWC

FACULTY EXCHANGE PROGRAMME- 14.08.2024 & 21.08.2024		
S.No.	NAME	DESIGNATION WITH DEPARTMENT
1.	Dr.S.Manimekalai	Head & Assistant Professor, Department of Chemistry, EMGYWC, Madurai