



DEPARTMENT : CHEMISTRY

ACTIVITY : CONSULTANCY SERVICE

YEAR : 2024-2025

DEPARTMENT OF CHEMISTRY

DATE	TIME	VENUE
26.03.2025	11:00 a.m. to 03:00 p.m.	Madurai Corporation Middle School, Pasumalai Sub-Station, Pykara
Theme	Hands-on Experience in Homemade Ink Preparation	
Nature of the Activity	Consultancy Service	
Title	Preparation of Ink	
Convener	Dr.S.Manimekalai Head & Assistant Professor of Chemistry EMGYWC	
Coordinator	Ms.B.Amutha Assistant Professor of Chemistry EMGYWC	
Beneficiaries	Madurai Corporation Middle School : Faculty - 2 Students - 25	

CONSULTANCY SERVICE ON "PREPARATION OF INK"

Objectives:

1. To understand the chemical composition of ink—including dyes/pigments, solvents, and additives.
2. To learn the process of preparing ink using common laboratory chemicals or natural sources (e.g., soot, tannins, dyes).
3. To study the role of each ingredient in determining the ink's color, viscosity, flow, and permanence.
4. To develop practical laboratory skills, such as heating, dissolving, filtering, and mixing.
5. To produce a usable writing ink and evaluate its properties on paper (color intensity, smoothness, drying time, etc.).

Program Details:

The Preparation of Ink programme was organized to provide participants with practical exposure to the process of making ink using various pigments, chemicals, and binding agents. The session aimed to familiarize faculty members and students with the scientific principles behind ink formulation and the methods used to produce different colours.

During the programme, experts demonstrated the step-by-step procedures involved in selecting raw materials, mixing pigments, preparing colour variations, and ensuring the consistency and quality of the final ink product. Participants also gained insights into the role of chemicals, their properties, and their applications in the ink-making process.

The hands-on component allowed attendees to actively engage in preparing ink samples, thereby enhancing their technical skills, creativity, and understanding of colour chemistry. The programme encouraged experiential learning and promoted curiosity about the composition and practical applications of ink in various fields.

Programme Outcomes:

After completion of the programme, the faculty members and students will be able

1. To get details about how to be prepare the different color for preparation of ink.
2. To develop their knowledge about the chemicals used in preparation of ink.

E.M.GOPALAKRISHNA KONE YADAVA WOMEN'S COLLEGE

Photograph:



The Department of Chemistry organized a Consultancy service on
“Preparation of Ink” at Madurai Corporation Middle School, Pasumalai Sub-Station,
Pykara - 26.03.2023

Enclosures:

a. Permission Letter:

From
Dr.S.Manimekalai
Head and Assistant professor
Department of chemistry
E.M.G Yadava women's college
Madurai-14

To
The principal
E.M.G Yadava women's college
Madurai-14

Respected Madam:

I wish to inform you that, our chemistry department have planned to conduct the consultancy programme entitled on “**Preparation of Ink**” for 8th standard students at Madurai Corporation Middle School, Pasumalai Sub-Station, Pykara, Madurai on 26.03.2025. So I request you to grant me permission to conduct the programme.

Thanking you

Madurai-14
25.03.2025

Yours faithfully

(Dr.S. Manimekalai)

E.M.GOPALAKRISHNA KONE YADAVA WOMEN'S COLLEGE

b. 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

DEPARTMENT OF CHEMISTRY
Consultancy Activity-2024-2025
Preparation of Ink

Date : 26.03.2025
Time : 11.00am -3.00 pm

Organized Committee
Dr.S.Manimegalai,
Head of the Department
Mrs.B.Amutha
Assistant Professor



Venue : Madurai corporation Middle School,
Pasumalai Sub-station, Pykara, Madurai.
Beneficiaries : Pykara Rural People

With Regards
Dr.(Mrs) .V .Pushpalatha
Principal(i/c)

c. Cash Remittance:

Department of Chemistry.

Consultancy 2024- 2025

Account / DEBIT Branch: _____
Date / Month / Year: 02/04/2025
SB/CA/DD/CC/NO/TE/FO/AT/PA/CR / Credit Card No: 110007971036
NAME / Title / Name: Principal Research cell
Amount / Amount: 200/-
Two hundred rupees only
06 APR 2025
CEIVED
Officer / Cashier / SWD: _____
Consent / Amount: _____
Consent / Amount: _____
Officer / Cashier / SWD: _____

Consentancy amount - 200/- Rs.

d. Feedback:

58

S.no	name of the student	Ant (ex)	Feed back	Sign.
1	பா.சுகன்	10	மிக நன்றி	பா.சுகன்
2	சு.மகேந்திரசுந்தரன்	10	மிக நன்றி	சு.மகேந்திரசுந்தரன்
3	கா.முனாசு	10	மிக நன்றி	கா.முனாசு
4	வி.பொகித்	10	நன்றி	வி.பொகித்
5	பா.புநீரிலா	5	மிக மிக நன்றி	பா.புநீரிலா
6	க.பாண்டி	5	மிக நன்றி	க.பாண்டி
7	தி.சுந்தரி	10	மிக நன்றி	தி.சுந்தரி
8	ரா.மனோஜ்	10	மிக நன்றி	ரா.மனோஜ்
9	ம.சந்திரன்	5	மிக நன்றி	ம.சந்திரன்
10	ம.கிஷோர்	5	மிக நன்றி	ம.கிஷோர்
11	நா.பிரதீபா	10	மிக மிக நன்றி	நா.பிரதீபா
12	சு.பிரதீபா	5	மிக மிக நன்றி	சு.பிரதீபா
13	ம.அனாபா	5	மிக மிக நன்றி	ம.அனாபா
14	சு.சுந்தரி	5	மிக மிக நன்றி	சு.சுந்தரி
15	ந.சுந்தரி	5	மிக மிக நன்றி	ந.சுந்தரி
16	சு.மதி	10	நன்றி	சு.மதி
17	சு.சத்தியா	10	நன்றி	சு.சத்தியா
18	சு.சுந்திரன்	10	மிக நன்றி	சு.சுந்திரன்
19	அ.லிஷா	10	மிக நன்றி	அ.லிஷா
20	பி.கிரேஸ்	5	மிக நன்றி	பி.கிரேஸ்
21	பி.அபர்ணா	5	மிக நன்றி	பி.அபர்ணா
22	வி.வந்திகா	10	மிக நன்றி	வி.வந்திகா
23	நா.வைஷ்ணவி	10	மிக நன்றி	நா.வைஷ்ணவி
24	ம.பொன்னிகா	10	மிக நன்றி	ம.பொன்னிகா
25	சு.கவிதா	10	மிக நன்றி	சு.கவிதா

Total - 200

Mrs. B. Anutha
Co-ordinators

M. S. Mainekalai
Head of the Department
Convenor

E.M.GOPALAKRISHNA KONE YADAVA WOMEN'S COLLEGE

f. Nominal Roll of Participants:

1. Student participants from School:

CONSULTANCY SERVICE ON "PREPARATION OF INK " -26.03.2025		
S.No.	NAME	School
1.	P.Sugan	Madurai Corporation Middle School
2.	S.Madhuragavendra	Madurai Corporation Middle School
3.	G.Janathan	Madurai Corporation Middle School
4.	V.Yogith	Madurai Corporation Middle School
5.	P.Srinila	Madurai Corporation Middle School
6.	K.Pandisri	Madurai Corporation Middle School
7.	D.Thanviga	Madurai Corporation Middle School
8.	R.Magathisri	Madurai Corporation Middle School
9.	M.Archana	Madurai Corporation Middle School
10.	M.Divyatharshini	Madurai Corporation Middle School
11.	N.Pranitha	Madurai Corporation Middle School
12.	S.Prithi	Madurai Corporation Middle School
13.	M.Haritha	Madurai Corporation Middle School
14.	T.Thanshika	Madurai Corporation Middle School
15.	T.Thanushga	Madurai Corporation Middle School
16.	S.Mathi	Madurai Corporation Middle School
17.	D.Santhiya	Madurai Corporation Middle School
18.	S.Thirukumaran	Madurai Corporation Middle School
19.	A.Linesh	Madurai Corporation Middle School
20.	M.Guruvel	Madurai Corporation Middle School
21.	P.Abarna devi	Madurai Corporation Middle School
22.	L.Varnika sri	Madurai Corporation Middle School
23.	N.Vaishnavi	Madurai Corporation Middle School
24.	M.Yoshnitha	Madurai Corporation Middle School
25.	S.Sujithapandi	Madurai Corporation Middle School

E.M.GOPALAKRISHNA KONE YADAVA WOMEN'S COLLEGE

2. Faculty Participants from Other School

CONSULTANCY SERVICE ON "PREPARATION OF INK" -26.03.2025		
S.No.	NAME	DESIGNATION WITH DEPARTMENT
1.	Mrs. Bharathi	Teacher , Madurai Corporation Middle School

3. Faculty Participants from EMGYWC

CONSULTANCY SERVICE ON "PREPARATION OF INK" - 26.03.2025		
S.No.	NAME	DESIGNATION WITH DEPARTMENT
1.	Mrs.B.Amutha	Assistant Professor of Chemistry