



DEPARTMENT : CHEMISTRY

ACTIVITY : BRIDGE COURSE

YEAR : 2023-2024

DEPARTMENT OF CHEMISTRY

DATES	TIME	VENUE	MODE
05.07.2023 to 11.07.2023	10:00 a.m. to 11:30 a.m.	I-B.Sc. Chemistry Classroom EMGYWC	Offline
Theme	Enhance the students' knowledge about chemistry		
Nature of the Activity	Bridge Course		
Title	Basic Concepts in Chemistry		
Convener	Dr.(Mrs.)S.Manimekalai Head, Assistant Professor of Chemistry EMGYWC		
Coordinators	Dr.A.Ramya Mrs.V.Gokilaa Ms.K.Punitha Assistant Professors of Chemistry EMGYWC		
Participants	Faculty - 4 Students - 30		

BRIDGE COURSE ON "BASIC CONCEPTS IN CHEMISTRY"

Objectives:

1. To acquire foundational knowledge of chemistry.
2. To understand key concepts in inorganic and physical chemistry.
3. To learn general chemistry knowledge through various stories and interactive methods.

Programme Outcomes:

After completion of the programme, the students will be able to:

1. Gain knowledge about the IUPAC naming of organic compounds.
2. Develop their skills in chemistry through activities orientation and group discussions.

The bridge course on "Basic Concepts in Chemistry" aimed to provide a foundational understanding of essential chemistry concepts, ensuring students were well-prepared for more advanced studies. The course focused on interactive and engaging teaching methods to make learning effective.

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The Students were taught on the:

1. Basic principles and the importance of chemistry in everyday life.
2. Atomic structure, periodic table, chemical bonding, and reactions.
3. States of matter, thermodynamics, and chemical kinetics.
4. Collaborative discussions on challenging topics to enhance understanding and problem-solving skills.
5. Exercises on naming organic compounds according to IUPAC standards.
6. Basic experiments to reinforce theoretical knowledge and develop practical skills.

Students reported a significant improvement in their understanding of chemistry concepts and an increased interest in the subject due to the interactive and engaging teaching methods.

a. Photographs:



Day-I & II Bridge Course on "Basic Concepts in Chemistry"

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Day-III & IV Bridge Course on "Basic Concepts In Chemistry"



Day-V Bridge Course on "Basic Concepts In Chemistry"

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b. Enclosures: Invitation



Bridge Course Schedule (2023-2024) (From 05.07.2023 to 11.07.2023)		
DAY	General –FN	Major (Chemistry)AN
DAY1	Self –introduction Vocabulary Building	Basic terminology in Organic Chemistry
DAY2	Storytelling/Role-play	Basic terminology in organic Chemistry
DAY3	Describing person/situation /picture	Basic terminology in Inorganic Chemistry
DAY 4	Reading & Listening i) Listening to passage/ Speeches/Lecture/Poem/News ii) Reading aloud a given text	Basic terminology in Physical Chemistry
DAY5	Group Discussion on Environmental impact of Chemistry	Basic Terminology in Inorganic Chemistry

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Feedback:

<u>Date</u>	<u>Incharge Staff</u>	<u>Signature in student</u>
	Dr. S. Manimekalai	
5-7-2023	IUPAC Nomenclature	P. Deepika P. Thasani A. Sabitha S. Swathi B. Meena Sri M. Mukirthana J. Pandieswari A. Devika S. Nisha V. Niveetha Vaithi S. Mazi Meena M. Desika M. Dhenu Lalshani S. Sakthiyasudha M. Shobika M. Sthel B. Harini Sudha T. Durga devi P. Sivajamni S. Kalithouse Shalika S. Anitha N. Jayavarshini S. Niveetha

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Date	Incharge staff	signature of students
06/07/23	Dr. A. Ramya	
	Name the organic compounds and Atomic structures	P. Deepika P. Tharani A. Sobitha S. Swathi B. Meerasri M. Mukirthana J. Pandieswari A. Disha S. Disha V. Nivetha Vaitli S. Marimona M. Divya M. Dhamalakshmi S. Sathiyasi M. Sheetha M. Sheetha B. Harini Satha T. Durgadevi P. Sivajangni V. Bhavana Shree S. Nivetha S. Santhiya S. Marimona M. Yogalakshmi R. Dharmila N. Jeyavarshini T. Poha C. Tharusha K. Madhu Rishi

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Date	Incharge staff	Signatures of Students
27/12	K. PUNITHA.	T. Devga devi B. Mooni sudha M. Dhanalakshmi S. Narithana M. yagalakshmi A. Devika S. Disha S. vaishnavi M. Devika U. Nivetha U. Nivetha M. Mahidha P. Deepi S. Swathi P. Srinani J. pandiiswari Asha Sugitha S A. Revathi. M. Prayathai P. Thirana M. Subhisha B. Neelap R. Sharmila A. Sabitha S. Kalithuse shalitha S. Anitha. B. Nishitha R. Shringi N. Jeyavarshini T. Jothi. M. Shobika

Date	Incharge staff	Signatures in Students
10/07/23	Dr. A. Ramya	P. Deepika P. Tharani A. Sabitha S. Swathi B. Mooni Sri M. Mukithana J. pandiiswari A. Devika S. Disha V. Nivetha Vithi S. Narithana M. Devika M. Dhanalakshmi S. Sakthiyasi M. Shobika U. Nivetha B. Mooni sudha. T. Devga devi P. Srinani S. Kalithuse shalitha S. Anitha. N. Jeyavarshini S. Nivetha


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Date	Incharge Staff	Signature in students.
11/07/23	V. Geetha	S. Anitha
		P. Deepika
		M. Desika
		S. Sakthiyani
	Balancing Equation	J. pandyeswari
		C. Thanuja
		S. Swathi
		B. Harini Sridha
		N. jeyavarshini
		P. Aisha
		A. Devika
		M. Dhonalakshmi
		S. Kalithuse Shalika
		M. Rithiga
		S. Anitha
		H. yagalakshaj
		T. Raha
		V. Nivetha Vethi
		M. Mukithana
		S. Vaishnavi

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- c. Nominal Roll of Participants:
Student participants of EMGYWC:

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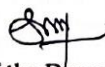
 E.M.G. YADAVA WOMEN'S COLLEGE, MADURAI – 625 014. (An Autonomous Institution – Affiliated to Madurai Kamaraj University) Re-accredited (3 rd Cycle) with Grade A ⁺ and CGPA 3.51 by NAAC			
Bridge Course on "Basic Concepts in Chemistry" - 05.07.2023 to 11.07.2023			
S.No.	REGISTER NUMBER	NAME	DEPARTMENT
1	23CHE01	S.Anitha	I B.Sc Chemistry
2	23CHE02	S.Ashasugitha	I B.Sc Chemistry
3	23CHE03	P.Deepika	I B.Sc Chemistry
4	23CHE04	M.Desika	I B.Sc Chemistry
5	23CHE05	A.Devika	I B.Sc Chemistry
6	23CHE06	M.Dhanalakshmi	I B.Sc Chemistry
7	23CHE07	B.Harinisudha	I B.Sc Chemistry
8	23CHE08	J.Jeyasri	I B.Sc Chemistry
9	23CHE09	N.Jeya varshini	I B.Sc Chemistry
10	23CHE10	S.Kalithuseshalaha	I B.Sc Chemistry
11	23CHE11	K.Madhupriya	I B.Sc Chemistry
12	23CHE12	S.Marimeena	I B.Sc Chemistry
13	23CHE13	M.Mukirthana	I B.Sc Chemistry
14	23CHE14	S.Nisha	I B.Sc Chemistry
15	23CHE15	T.Nisha	I B.Sc Chemistry
16	23CHE16	V.Niveethavaithi	I B.Sc Chemistry
17	23CHE17	S.Nivetha	I B.Sc Chemistry
18	23CHE18	J.Pandieswari	I B.Sc Chemistry
19	23CHE19	T.Reha	I B.Sc Chemistry
20	23CHE20	A.Revathi	I B.Sc Chemistry
21	23CHE21	M.Rithiga	I B.Sc Chemistry
22	23CHE22	S.Sakthiyashri	I B.Sc Chemistry
23	23CHE23	S.Santhiya	I B.Sc Chemistry
24	23CHE24	M.Shobika	I B.Sc Chemistry
25	23CHE25	M.Subhiksha	I B.Sc Chemistry

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26	23CHE26	S.Swathi	I B.Sc Chemistry
27	23CHE27	M.Swathiswari	I B.Sc Chemistry
28	23CHE28	C.Thanusha	I B.Sc Chemistry
29	23CHE29	S.Vaishnavi	I B.Sc Chemistry
30	23CHE30	M.Yogalakshmi	I B.Sc Chemistry

Coordinator: Dr. A. Ramya


Head of the Department


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