



BON SECOURS ARTS AND SCIENCE COLLEGE FOR WOMEN
(Affiliated to Mother Teresa University, Kodaikanal)
Madurai Road, Begampur Post, Dindigul – 624 002.



Date :29.06.2026

From

The HOD,
Department of Chemistry,
Bon Secours Arts and Science College for Women,
Dindigul.

To

The Principal,
Bon Secours Arts and Science College for Women,
Dindigul.

Subject: Request for Permission to conduct **Bridge course for I Year UG Students**– reg.

Respected Madam,

Department of Chemistry is planned to conduct Bridge course for I year students for this academic year for three days (01.07.2020 & 03.07.2026) based on the topic “**CHEMISTRY IN EVERYDAY LIFE**”. So we request you to give permission to conduct it. We look forward to your kind approval.

Thanking you

Yours Sincerely

Date : 29.06.2026

Place : Dindigul.

Dr.H.THAGIRA BANU
(HOD OF CHEMISTRY)



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CIRCULAR

Date :29/06/2026

Warm Greetings!

This is to inform you that the Department of Chemistry is organizing Bridge course Program for I Year students on the topic “CHEMISTRY IN EVERYDAY LIFE” from 01/07/2026 to 03/07/2026. All HODs are requested to encourage their students to participate as per the schedule. Your cooperation in ensuring maximum attendance is greatly appreciated.

Venue: SMART CLASS ROOM

HOD

PRINCIPAL

S. NO.	NAME OF THE DEPARTMENT	SIGNATURE OF THE HEAD
1.	Tamil	
2.	English	
3.	Mathematics	
4.	Computer Science	
5.	Computer Applications	
6.	Commerce	
7.	Commerce with Computer Application	
8.	Business Administration	
9.	History	



REPORT ON BRIDGE COURSE –CHEMISTRY IN EVERYDAY LIFE

Objectives

1. To introduce students to the fundamental concepts of chemistry and their applications in daily life.
2. To develop awareness of the chemistry involved in food, health, hygiene, and household products.
3. To enhance students' understanding of environmental issues and sustainable practices through chemistry.
4. To familiarize students with the role of chemistry in modern technologies such as batteries, renewable energy and nanomaterials.
5. To bridge the knowledge gap between higher secondary chemistry and undergraduate chemistry, thereby improving students' confidence and readiness for degree-level studies.

Report

The **Bridge Course on "CHEMISTRY IN EVERYDAY LIFE"** was conducted for first-year students of all discipline. The course covered fundamental topics such as chemistry in everyday life, food chemistry, health and personal care, environmental chemistry, and the role of chemistry in modern technology. Interactive lectures using power point presentations, demonstrations, discussions and practical examples helped students connect theoretical concepts with real-life applications delivered by our department staff members Dr. H.Thagira Banu HOD, MS. D. Priyadharshini, AP and Mrs. J. Amirtha Sirumalar, AP, as three sessions per day which was scheduled for all discipline.

The programme successfully enhanced students understanding on basic chemical principles, improved their scientific awareness, and motivated them to adopt environmentally responsible practices. Students actively participated throughout the sessions and gained knowledge on their everyday practices related to chemistry. We received positive feedback from students. Overall, the bridge course achieved its objectives by preparing students for higher learning and fostering interest in chemistry as a discipline for value added and add on courses.

Outcomes

- Understood the basic chemical concepts that explain everyday phenomena.
- Analyzed the chemistry behind food, nutrition, cooking, and food safety.
- Applied chemistry concepts related to hygiene, medicines and consumer products.
- Understood the applications of chemistry in modern technology and develop scientific thinking toward real-life problems.
- Related chemistry concepts to modern technologies and sustainable development.

HOD

PRINCIPAL

SCHEDULE

Date	Session	Classes Attended	Topics	Staff Handled
01.07.2026	Session I	I B.COM & I BSC CHE	- What is Chemistry? - Matter and its states - Elements, compounds and mixtures with video clips	Dr. H. THAGIRA BANU
	Session II	I B.COM CA	- Air pollution - Greenhouse gases - Plastic pollution	Mrs. J. AMIRTHA SIRUMALAR
	Session III	I BSC CS & I BCA	- Composition of food - Carbohydrates, proteins and fats - Food preservation - Food adulteration and simple detection methods	Miss. D. PRIYA DARSHINI
02.07.2026	Session I	I BA TAMIL I BA ENGLISH IBA HISTORY I BSC MATHS & I BBA	- Acids, bases and salts in daily life with video clips - Chemical changes in everyday activities - Chemistry in the home	Dr. H. THAGIRA BANU
	Session II	I B.COM CA	- Vitamins and minerals - Chemistry of cooking - Food additives	Miss. D. PRIYA DARSHINI
	Session III	I B.COM & I BSC CHE	- Recycling - Green chemistry - Sustainable lifestyle practices	Mrs. J. AMIRTHA SIRUMALAR
03.07.2026	Session I	I B.COM & I BSC CHE	- Acids, bases and salts in daily life with video clips - Chemical changes in everyday activities - Chemistry in the home	Dr. H. THAGIRA BANU
	Session II	I B.COM CA	- Batteries and mobile phones - Renewable energy - Nanomaterials	Mrs. J. AMIRTHA SIRUMALAR
	Session III	I BSC CS & I BCA	- Soaps and detergents - Toothpaste and oral care - Cosmetics and perfumes - Antiseptics and disinfectants - Medicines and vaccines - Safe use of household chemicals	Miss. D. PRIYA DARSHINI

HOD

PRINCIPAL

PARTICIPATION LIST

S.NO	NAME OF THE DEPARTMENT	TOTAL NUMBER OF STUDENTS
1	TAMIL	21
2	ENGLISH	14
3	MATHEMATICS	06
4	CHEMISTRY	16
5	COMPUTER SCIENCE	33
6	COMPUTER APPLICATION	26
7	COMMERCE	39
8	COMMERCE WITH CA	66
9	BUSINESS ADMINISTRATION	07
10	HISTORY	07
	TOTAL	235

HOD

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PHOTOS



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