



BON SECOURS ARTS AND SCIENCE COLLEGE FOR WOMEN
(Affiliated to Mother Teresa Women's University)
Madurai Road, Begambur (P.O), Dindigul - 624 002.



PERMISSION LETTER

Date : 29.06.2026

From

The Head of the Department,
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 ALL First-Year – reg.**

Respected Madam,

Department of Mathematics is planned to conduct Bridge course for First-year students for this academic year for two days (01.07.2026 to 03.07.2026) based on the topic is "MATHEMATICAL APTITUDE". So we request you to give permission to conduct it. We look forward to your kind approval.

Thanking you

Date : 29.06.2026
Place : Dindigul.

Yours Sincerely,

Mrs. B. MANOHARI
(HOD OF MATHEMATICS)



REPORT ON BRIDGE COURSE – “MATHEMATICAL APTITUDE”

Objectives

- To refresh students knowledge of basic mathematical concepts.
- To improve logical reasoning and analytical thinking.
- To enhance problem-solving skills and computational accuracy.
- To prepare students for engineering and competitive examinations.

Report

The Department of Mathematics organized a Bridge Course on **Mathematical Aptitude** for all first year students with the objective of strengthening their mathematical foundation before the commencement of regular classes. The programme was conducted to bridge the gap between school-level mathematics and requirements of higher education. A total of 235 first-year students from various disciplines actively participated in the course. The sessions were handled by Mrs. B. Manohar, Head of the Department and Mrs. S.Rajashyamala, Assistant Professor, who conducted three sessions each day.

The course covered fundamental mathematical concepts, logical reasoning, quantitative aptitude, problem-solving techniques, and analytical thinking through lectures, interactive discussions, worked-out examples, practice exercises, quizzes, and doubt-clearing sessions. Students actively participated in all the sessions and showed keen interest in learning mathematical concepts and aptitude techniques. Regular attendance and continuous participation reflected their enthusiasm and commitment to the programme. The course helped students improve their confidence, computational accuracy and logical reasoning skills, thereby preparing them for higher education and various competitive examinations.

Overall, the Bridge Course successfully achieved its objective by enhancing students mathematical aptitude and providing a strong academic foundation for their undergraduate studies. The programme received positive feedback from the participants and proved to be highly beneficial for first-year students.

Outcomes:

- Students developed a stronger understanding of basic mathematical concepts.
- Confidence in solving quantitative Aptitude problems improved.
- Logical reasoning and analytical thinking skills were enhanced

- Students became better prepared for university-level mathematics courses.

Date	Session	Classes Attended	Topic	Faculty Name
01.07.2026	Session I	I B.Com. (CA)	1.Types of Numbers 2.HCF – LCM 3.Divisibility	Mrs. B. Manohari
	Session II	I B.Sc CS., I BCA	Numerical Problems Blood Relations	Mrs. S.Rajashyamala
	Session III	I B.A. Tamil, I B.A. English, I B.A. History, I B.Sc. Mathematics, I B.B.A.	Problems on numbers and their properties	Mrs. B. Manohari
02.07.2026	Session I	I B.Com., I B.Sc. Chemistry	Decimal Fractions Squire root & Cubic root	Mrs. S.Rajashyamala
	Session II	I B.Sc CS., I BCA	Simplification using the BODMAS Rule, simple problems	Mrs. B. Manohari
	Session III	I B.Com. (CA)	Surds and Indices Definition and simple problems	Mrs. S.Rajashyamala
03.07.2026	Session I	I B.A. Tamil, I B.A. English, I B.A. History, I B.Sc. Mathematics, I B.B.A.	Profit and Loss Ratio and Proportion related problems	Mrs. B. Manohari
	Session II	I B.Com., I B.Sc. Chemistry	Problems on Ages	Mrs. S.Rajashyamala
	Session III	I B.Com. (CA)	Partnership and Average related problems	Mrs. B. Manohari

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

PHOTOS:



HOD

PRINCIPAL

