



DEPARTMENT : PHYSICS

ACTIVITY : BRIDGE COURSE

YEAR : 2023-2024

DEPARTMENT OF PHYSICS

DATES	TIME	VENUE
05.07.2023 to 12.07.2023	03:00 p.m. to 04:00 p.m.	I B.Sc. Physics Class Room, E.M.G Yadava Women's College, Madurai
Theme	Enhance the student knowledge from school to graduation level in Physics	
Nature of the Activity	Bridge Course	
Title	Basic Knowledge about Physics	
Convener	Mrs.R.Kayalvizhi Head, Assistant Professor of Physics E.M.G. Yadava Women's College	
Resource Person	Mrs.M.Hemalatha Assistant Professor of Physics E.M.G. Yadava women's College	
No. of Participants	Students - 17	

BRIDGE COURSE ON "BASIC KNOWLEDGE ABOUT PHYSICS"

Objectives:

- To reinforce and enhance the students' understanding of fundamental physics concepts that they studied in their 12th standard.
- To ensure that all first-year students have a solid foundation in basic physics, which is crucial for their further studies in the field.

Programme Details:

- The bridge course included a series of lectures, interactive sessions, and practical demonstrations. The course covered essential topics in physics to bridge the gap between high school education and university-level studies.

Key Topics Covered:

- Mechanics: Basic principles of motion, forces, and energy.
- Fundamentals of electric circuits, magnetic fields, and electromagnetism.

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- Properties of waves, light, and optical instruments.
- Laws of thermodynamics, heat transfer, and thermal properties of matter.
- Introduction to quantum mechanics, atomic structure, and nuclear physics.

Programme Outcome:

The students gained a thorough understanding of the basic concepts and terms used in physics. This foundational knowledge significantly aided them in their further studies and helped them perform better in advanced physics courses.

Feedback from Participants:

The participants reported that the bridge course was highly beneficial in revising and clarifying fundamental physics concepts. They appreciated the structured approach and the opportunity to address any gaps in their knowledge.

The bridge course on "Basic Knowledge about Physics" was successful. It effectively reinforced the fundamental concepts of physics for first-year students, preparing them for their further studies. The positive feedback from participants highlights the course's importance in ensuring academic success and fostering a deeper understanding of physics.

Photographs:



Department of Physics Conducted Bridge Course entitled "Fundamental Concepts of Physics" 05.07.2023 to 12.07.2023

Invitation:



E.M.G. YADAVA WOMEN'S COLLEGE, MADURAI-14.

(An Autonomous Institution - Affiliated to Madurai Kamaraj University)

Re-accredited (3rd Cycle) with Grade A and CGPA 3.51 by NAAC*



DEPARTMENT OF PHYSICS

Bridge course 2023

Topic: **Strengthening Fundamentals in Physics**

Participants: **I B.sc Physics**

Date: **05.07.2023 to 12.07.2023**

Time: **3 P.M to 4 P.M**

Faculty: **M.Hemalatha**

Assistant Professor


E.M.G Yadava Women's College

Mrs.R.kayalvizhi
Head of the Department

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

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Student Participants:

 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 "Fundamental Concepts of Physics" -05.07.2023 to 12.07.2023			
S.No.	REGISTER NO.	NAME	DEPARTMENT
1.	23PHY01	G.ARCHANA	PHYSICS
2.	23PHY02	D.BHAVANI	PHYSICS
3.	23PHY03	BHUVANESWARLB	PHYSICS
4.	23PHY04	BHUVANESWARLS	PHYSICS
5.	23PHY05	D.DEEPA DHARSHINI	PHYSICS
6.	23PHY06	L.JEYAM	PHYSICS
7.	23PHY07	V. JEYARANI	PHYSICS
8.	23PHY08	M.KARSHINI	PHYSICS
9.	23PHY09	N. MADHANA	PHYSICS
10.	23PHY10	T.NISHALINI	PHYSICS
11.	23PHY11	S.PRIYA	PHYSICS
12.	23PHY12	G.REGA	PHYSICS
13.	23PHY13	G.RENUGA	PHYSICS
14.	23PHY14	P.RUTHRA	PHYSICS
15.	23PHY15	M.SAKTHIDEVI	PHYSICS
16.	23PHY16	P.SANTHINI	PHYSICS
17.	23PHY17	T.SHIVALI	PHYSICS


Coordinator:


Head of the Department


Principal
PRINCIPAL I/C
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