



**P.K.R. ARTS COLLEGE FOR WOMEN**  
**(Accredited by NAAC with 'A' Grade)**  
**An Autonomous Institution-Affiliated to**  
**Bharathiar University, Gobichettipalayam**

## **DEPARTMENT OF PHYSICS**

### **STUDENTS INDUCTION PROGRAMME** **M.Sc**

**DATE : 19.07.2023 – 24.07.2023**  
**YEAR : 2023-2024**

Date	Time	Faculty Name	Title
19.07.2023	2-3 pm	Dr.V. Radhika	An Awareness on Autonomy
20.07.2023	1.15-2.15 pm	Mrs. C. Aruljothi	An Awareness on GATE and CSIR NET Exam
20.07.2023	2.15-3.15 pm	Mrs. K. Valliyammal	Importance of science in day to day life
21.07.2023	1.15-2 pm	Mrs. K. Euchritsmary	Job opportunity of physics students in various field
21.07.2023	2-3 pm	Mrs. A. Neelaveni	Journey from Research to Applications
21.07.2023	3-4 pm	Mrs. N. Poongodi	Awareness on preparing manuscript for journals
24.07.2023	1.15-2 pm	Ms. J. Vijayalakshmi	Physics Puzzlers: Solving everyday phenomena
24.07.2023	2-3 pm	Ms. S. Lavanya	Precautions and applications of nanaomaterials
24.07.2023	3-4 pm	Mrs. R. Sangeetha	Awareness on competitive Exam



**P.K.R ARTS COLLEGE FOR WOMEN**  
**Accredited with 'A' Grade by NAAC**  
**Autonomous Institution-Affiliated To Bharathiar University**  
**Gobichettipalayam**  
**DEPARTMENT OF PHYSICS**  
**STUDENTS INDUCTION PROGRAMME (SIP) 2023-2024**  
**PG-REPORT**

The Department of PHYSICS organized the Student Induction Programme  
From 19<sup>th</sup> July 2023 to 24<sup>th</sup> July 2023.

Day 1: 19.07.2023

Session 1: Orientation by Head of the Department

This session was given by Dr.V.Radhika, Head and Associate Professor, Department of Physics. She gave a motivation talk about the "An Awareness on Autonomy" for our first year fresher students. She encouraged all first year students to enabling them to become self motivated, proactive, and lifelong learners.

Day 2: 20.07.2023

Session 1: Awareness on Competitive GATE and CSIR/NET Exams

This session was handled by Mrs.C. Aruljothi, Assistant Professor, Department of Physics. She gives some key points to understand the important, types, preparation strategies and benefits of competitive exams.

Session 2: Importance of science in day to day life

The session was handled by Mrs. K. Valliyammal, Assistant Professor, Department of Physics. She conducted an activity where students have to understand general science and physics actions in our day to day life.

Day 3: 21.07.2023

Session 1: Job opportunity of physics students in various field

Mrs. K.Euchristmary, Assistant Professor of Physics, handled this session. She motivated our students on a diverse range of career paths, including Research, Industry, Data science, Education and more.



### Session 2: Journey from Research to Applications

This session was conducted by Mrs. A. Neelaveni, Assistant Professor of Physics. She explained the physics concepts are all around us in our day to day lives and are constantly at play, shaping our experiences and interactions with the environment etc.,. The research journey involves a series of steps that bridge the gap between theoretical knowledge and practical implementation.

### Session 3: Awareness on preparing manuscript for journals

Mrs. N. Poongodi, Assistant Professor, Department of Physics handled this Session. She listed out the several important steps like Abstract, Introduction, Methods, Results, Discussion and Conclusion.

Day 4: 24.07.2023

### Session 1: Physics Puzzlers: Solving everyday phenomena

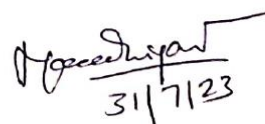
This session was handled by Ms. J. Vijayalakshmi, Assistant Professor, Department of Physics. She conducted Puzzles and Riddles which is highly subject oriented and students gave their feedback as they had learnt many new information through this activity students enjoyed and actively participated in this session and gave the feedback as they had learnt many new information in science.

### Session 2: Precautions and applications of nanaomaterials

Ms. S. Lavanya, Assistant Professor, Department of Chemistry handled this Session. She explained when working with Nanomaterials, it's crucial to strike a balance between harnessing their potential benefits and understanding and mitigating potential risks.

### Session 3: Awareness on competitive Exam

This session was handled by Mrs. R. Sangeetha, Assistant Professor, Department of Physics. She gives some key points to understand the important, types, preparation strategies and benefits of competitive exams.



31/7/23

**Dr. V. RADHIKA, Ph.D.,**  
Associate Professor & Head,  
Department of Physics,  
P.K.R. Arts College for Women  
(Autonomous)  
Gobichettipalayam - 638 475.