



# GOVT. WOMEN'S COLLEGE, STATION ROAD, PURI, ODISHA



# DEPARTMENT OF PHYSICS



# *BRIEF HISTORY OF THE DEPARTMENT*

- Establishment :-

The department of Physics was established in the year 2018, offers a three year Under Graduate level program with an intake of 32 students under Ramadevi Women's university, Bhubaneswar in Govt. Women's college, Puri.



1<sup>st</sup> BATCH OF PHYSICS (Hons.) DEPARTMENT 2018



2<sup>nd</sup> BATCH OF PHYSICS (Hons.) DEPARTMENT 2019

## VISION:-

To enhance scientific literacy through quality education for future physicist and to build an environment to create and propagate innovative technology for the economic development of the nation which help to create a scientific society which also encourages logical thinking.

## MISSION:-

- To provide the best scientific methods in teaching both theoretical and experimental physics and hence to create and to nurture interest on physics.
- To focus on the development to scholarly activities that will motivate the students to pursue higher education.
- To inculcate the students with intellectual and creative skills including critical thinking ,analytical and problem-solving skills required to progress in their future careers.
- To create awareness on lifelong learning, so that students develop the skills and passion for self-sustain ,core competency and employability.

# FACULTY MEMBERS OF THE DEPARTMENT

Co-ordinator:- Shri Purna Chandra Sethi

Designation :-Asst. Professor in English

NAME	QUALIFICATION	DESIGNATION	SPECIALISATION
Miss Susmita Mishra	M.Sc in physics B.Ed	Faculty in physics	Soft Matter Physics
Mr Priyabrata Dash	M.Sc in physics	Faculty in physics	Modern Physics
Mrs Pratiksha Muduli	M.Sc in physics	Faculty in physics	Condensed Matter Physics

# TEACHER PROFILE

Date of joining-01/03/2021

Total teaching experience-2 yrs

Specialization-Soft matter physics

M.Sc:Centurion University,Jatni ,

Bhubaneswar

Seminar attended:-02



Miss Susmita Mishra

M.Sc in Applied Physics

B.Ed

Faculty in Physics

# TEACHER PROFILE

Date of joining-08/04/2022

Total teaching experience-1 yr

Specialization-Modern Physics

M.Sc:University of Allahabad,  
Uttar Pradesh

Seminar attended:-02



Mr. Priyabrata Dash  
M.Sc in Physics  
Faculty in Physics



# TEACHER PROFILE

Date of joining-16/08/2022

Total teaching experience-2 yrs

Specialization-Condensed  
matter physics

M.Sc: U.N Auto. College

Seminar attended:-02



Mrs. Pratiksha Muduli

M.Sc in physics  
Faculty in Physics

# STUDENT STRENGTH

SL.No	SESSION	SANCTIONED STRENGTH	ADMITTED
01	2020-21	32	26
02	2021-22	32	23
03	2022-23	32	26

# COURSES OFFERED TO STUDENTS

B.Sc (Hons) according to new model C.B.C.S syllabus

## B.Sc 1<sup>st</sup> year :-

CORE-1:Mathematical Physics-I

CORE -2:Mechanics

CORE-3:Electricity & Magnetism

CORE-4:Waves & Optics

## B.Sc 2<sup>nd</sup> year:-

CORE-5: Mathematical Physics-II

CORE-6:Thermal physics

CORE-7:Analog system &Applications

CORE-8:Mathematical Physics -III

CORE-9:Elements of Modern Physics

CORE-10:Digital System &Applications

## B.Sc 3<sup>rd</sup> year:-

CORE-11: Quantum Mechanics & Applications

CORE-12:Solid state physics

CORE-13:Electromagnetic theory

CORE-14:Statistical Mechanics

DSE-1:Classical Dynamics

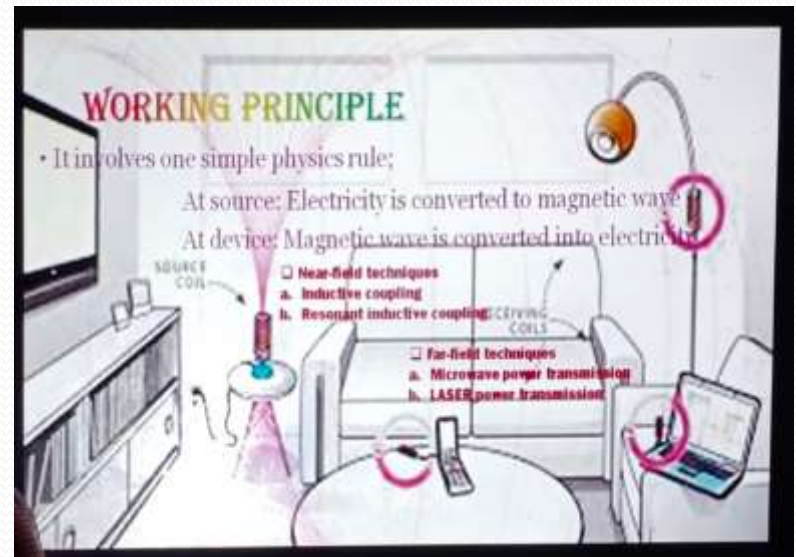
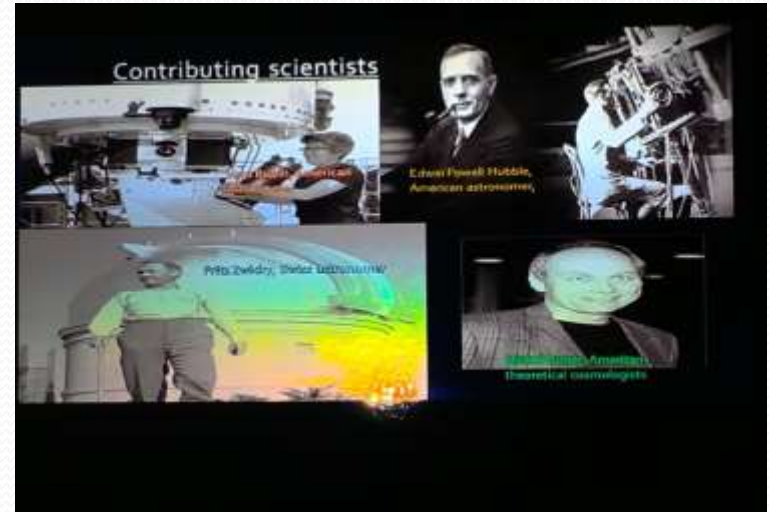
DSE-2:Nuclear & Particle physics

DSE-3:Nano materials & Applications

DSE-4:Basic Instrumentation/Project work

# MENTORING STEPS BY THE DEPARTMENT

- ❖ Doubt clearing classes
- ❖ Surprise test
- ❖ Question Bank



# COURSES OUTCOME

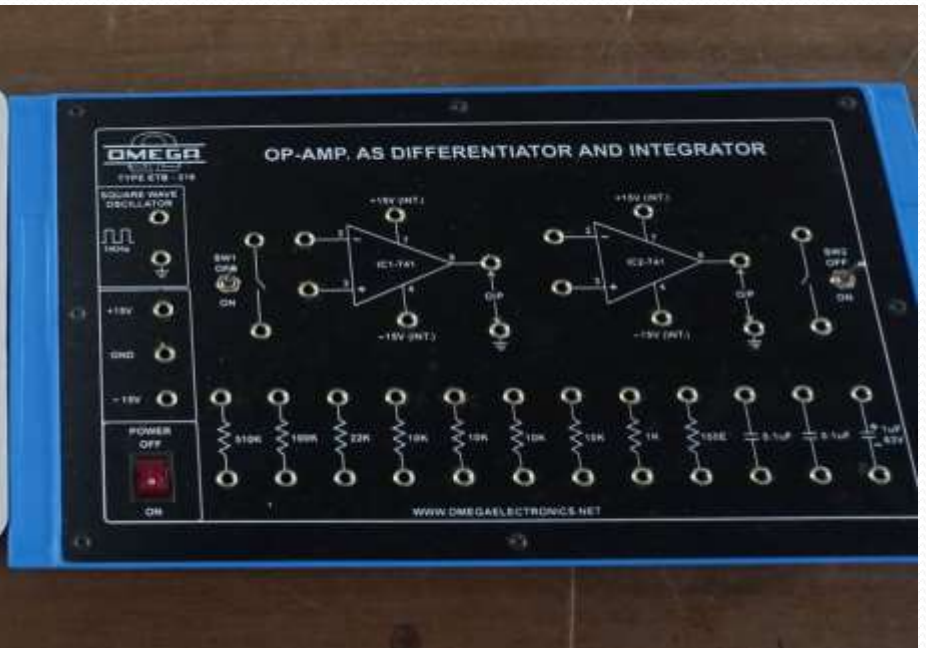
- Recognising universal physical laws relevant to the problem.
- Applying the relevant laws to the problem.
- Applying mathematical and computational techniques.
- Using experimental, computational, and/or theoretical methods.
- Evaluating the limitations of their solutions.

# STUDENT'S PROFILE



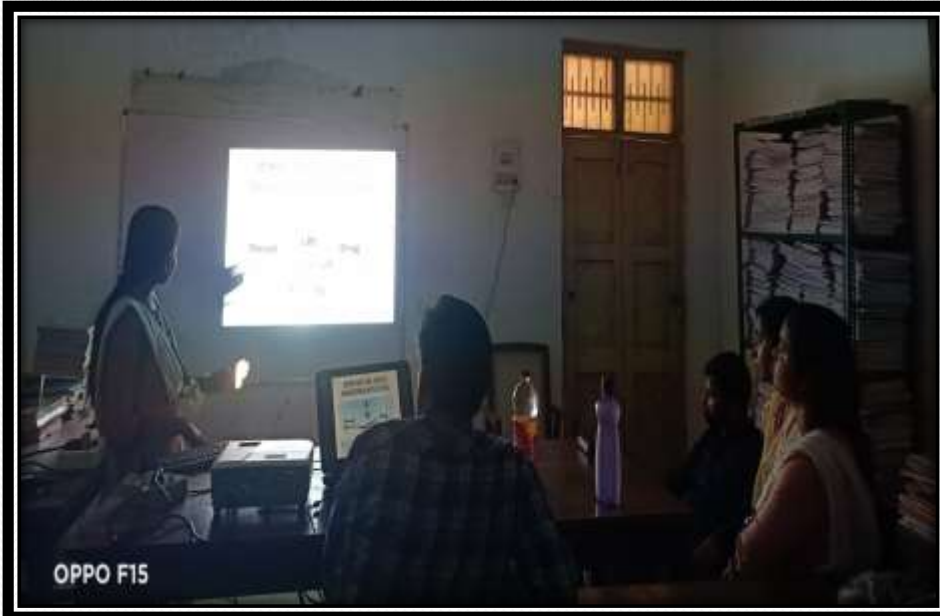
# Equipments of Physics Laboratory







# SEMINARS





# WELCOME AND FAREWELL





# DECORATIONS



# MEMORIES

