

DEPARTMENT PROFILE

DEPARTMENT OF PHYSICS



DEPARTMENTAL PROFILE OF PHYSICS DEPARTMENT

1. History of the Department

The Department of Physics came in to Existence since 2013-14. It was introduced in BSc Courses as a Pass Subject.

In 2016 Pass Subject Converted in to Physics Honours.

2. Vision

3. Mission

4. Faculty Profile.

5. Enrollment of Students.

6. Students Record.

7. Seminar by the Department.

8. Students Progression.

Vision

Physics departments vision typically encompasses a future where Physics education and research are at the forefront, contributing to a deeper understanding of the Universe and addressing global challenges.

Physics Departments Vision might include.

1. Inspiring future scientists.
2. Advancing scientific knowledge.
3. Addressing Global Challenges.
4. Providing quality education.

Mission

The Primary mission of a Physics department is to provide high quality education in Physics, encourage scientific research and prepare students for careers or future studies in physics or related field.

To advance the frontiers of scientific knowledge through rigorous research and inquiry.

STUDENTS PROGRESSION

<u>Sl No</u>	<u>Name of the Student</u>	<u>Year of Passing</u>	<u>Qualification</u>	<u>Present Status</u>
1.	Shradhashree Mohanty	2024	BSc	MSc
2.	Jangyeseni Mallick	2024	BSc	PMIR (Utkal)
3.	Pangya Paramita Ojha	2024	BSc	MSc(Samblapur)
4.	Shrabani Senapati	2020	BSc	Android Developer (Abses Lab.)
5.	Natasa Nayak	2020	BSc	Teacher (ABX Oxford)
6.	Rojalin Nayak	2020	BSc	TATA Solar Company
7.	Pinki Nayak	2023	BSc	MCA (Job in MNC)
8.	Biswajita Behera	2021	BSc	MBA
9.	Deepika Behera	2021	BSc	MBA
10.	Sonali Nayak	2021	BSc	MBA
11.	Sonali Nayak	2021	BSc	Job in UCO Bank

Shadhashree Mohanty Topper in Physics Honours -2024

(Rama Devi Womens University)

Enrollment of Students

SESSION WISE

2020		2021		2022		2023		2024	
Sanction	Enroll	Sanction	Enroll	Sanction	Enroll	Sanction	Enroll	Sanction	Enroll
Strength		Strength		Strength		Strength		Strength	
16	13	16	15	16	16	16	14	16	14

STUDENTS RECORD.

Year	No. of Students Appeared	No. of Students passed with Distinction		Division			Distinction % With Honours
		Pass	Fail	1 st / Grade-B	2 nd / Grade-C	3 rd	
2017-2020	22	20	02	17	03	0	20
2018-2021	13	12	01	10	0	0	12
2019-2022	14	14	0	14	_____	_____	14
2020-2023	12	12	0	12	_____	_____	11
2021-2024	14	14	0	14	_____	_____	14

SEMINAR & EXTRA –MORAL CONDUCTED BY DEPARTMENT

Sl No	Session	Date	Topic	Paper Presentation
1	2019	05/03/2019	Uncertainty Principle is charming ground for Physics	1. Ashmita Pradhan 2. Suchismita Sahoo
2	2021	20/11/2021	Theory of creation of the Universe	1.Shradhashree Mohanty 2. Monalisa Rout 3. Rojalin Mallick
3	2022	14/12/2022	Conservation laws of nature followed form it.	1.Shradhashree Mohanty 2. Rupali Nayak 3. Prangya Paramita Sahoo
4	2024	25/11/2024	Ideas of Einstein's special theory of relativity 4-D space time continuum.	1.Shradhanjali Patra 2.Subhashree Kandi



GRAND SEMINAR 2024



GRAND SEMINAR 2022

FACULTY PROFILE

Name: MR ANATH CHARAN BISWAL

Designation: Lecturer in Physics

Date of joining: 18. 06. 2014

Qualification: MSc & Bed

Email: anathbiswal@gmail.com



Academic Interests

- Area of Interest: Nil
- Area of Research : Nil

Teaching Experience

- Undergraduate (UG): 12 Years
- Postgraduate (PG): 0

Research Projects

NAME	DEPARTMENT	TYPE (MAJOR/MINOR)	NAME OF THE FUNDING AGENCY	FUNDS PROVIDED (INR IN LAKHS)	TITLE OF THE PROJECT	MONTH AND YEAR OF RECEIVING GRANT	DURATION OF THE PROJECT

Conferences & Seminars

- Nil

Invited/Special Lectures & Resource Person Roles:

- Nil
- Nil

Awards & Distinctions

- NIL

Association with Professional Bodies

- NIL

FACULTY PROFILE

Name: MR UMAKANTA SWAIN

Designation: Lecturer in Physics

Date of joining: 01.11.2012

Qualification: MSc

Email: swain.physics@gmail.com



Academic Interests

- **Area of Interest:** Nil
- **Area of Research :** Nil

Teaching Experience

- **Undergraduate (UG):** 13 Years
- **Postgraduate (PG):** 0

Research Projects

NAME	DEPARTMENT	TYPE (MAJOR/MINOR)	NAME OF THE FUNDING AGENCY	FUNDS PROVIDED (INR IN LAKHS)	TITLE OF THE PROJECT	MONTH AND YEAR OF RECEIVING GRANT	DURATION OF THE PROJECT

Conferences & Seminars

- Nil

Invited/Special Lectures & Resource Person Roles:

- Nil
- Nil

Awards & Distinctions

- NIL

Association with Professional Bodies

- NIL

SWOC Analysis

Strengths

1. Significant number of laborious students.
2. Almost pollution free zone.
3. Dedicated staff of the department.
4. Most of the equipment available in laboratory at UG level.

Weakness

1. Number of faculty members are less.
2. Lack of proper classroom for classes.
3. No internet connectivity in department.
4. Students are from socio, economically and geographically backward region.
5. Lack of sophisticated instruments in for UG level.

Opportunities

1. Confidence building through seminars and group discussions and personality development through interactive sessions.
2. Students are motivated and guided by able faculty member to get higher degree and appear in CPET, CUET and other competitive exams.
3. Department gives platform to the students to show their potential and knowledge by mentoring through conducting seminars and giving projects etc.

Future plans of the department

1. To improve the infrastructural facility of the department.
2. Estabilsh a research lab with advanced instrument facilities for the analysis of natural products.
3. To organize national level conference/workshop/seminar in the field of Physical Science.

THANK YOU

