



Departmental Profile

Department of Physics

(FACULTY OF SCIENCE)

DEPARTMENT OF PHYSICS

About the Department: Open University offers programmes in Open and Distance Learning mode. Department of Physics was established with the objective of imparting quality education in the field of Science in Open and Distance Learning. With rapidly evolving technology and the continuous need for innovation, the department is established with the ambition to produce quality professionals, holding important positions in the field of Science in Chhattisgarh and India. Department is dedicated to share quality information about Physics and its Practical's to the Learners. The Department is having well equipped Physics laboratories for the students.

Vision:

1. To make Science Department an esteemed body of Pt. Sundarlal Sharma Open University Chhattisgarh in the field of Open and Distance Learning education throughout India.
2. To establish a platform for the dissemination and creation of knowledge through teaching in physics at various levels.
3. To focus on development of offline and online SLM for the students of open and distance learning with latest equipments and tools.
4. To promote Innovation, Research and Development in the field of science and its related domains to the local students who are seeking for research opportunities.
5. To help create a scientific society this encourages logical thinking.

Mission:

1. To prove Pt. Sundarlal Sharma Open University as the best Open University serving in the field of science education.
2. To develop efficient science skilled students.
3. To empower the faculty and staff for overall development of students.
4. To increase learner enrollment by motivating more and more students to join science education for professional and technological development.

Courses: Courses offered by the university under Science Department are

1. **B. Sc. [Mathematics]**-(Mathematics, Physics, Chemistry/ Computer Science)

Name of Programme	Programme Duration	Eligibility	SLM Offered in Language.
B-Sc.(Mathematics)	Three Years	Passed 10+2 with Mathematics	Hindi

Course Structure:**BACHELOR OF SCIENCE| MATHEMATICS|**

[Mathematics, Physics, Chemistry] or [Mathematics, Physics, Computer Science]

DURATION OF THE COURSE: 3 YEARS

ELIGIBILITY: 10+2

Course syllabus

Fundamental course

CURRICULUM TITLE	PAPER	YEAR	CREDIT
Hindi language	First	First	04
English language	Second	First	04
Environment Education (No credit but compulsory passed in first year)			
Hindi language	First	second	04
English language	Second	second	04
Hindi language	First	third	04
English language	Second	third	04

Elective subject

CHEMISTRY			
Curriculum title	PAPER	YEAR	CREDIT
Physical chemistry	First	First year	02
Inorganic chemistry	Second	First year	02
Organic chemistry	Third	First year	02
practical	Practical	First year	02

Physical chemistry	First	Second year	02
Inorganic chemistry	Second	Second year	02
Organic chemistry	Third	Second year	02
Practical	Practical	Second year	02
Physical chemistry	First	Third year	02
Inorganic chemistry	Second	Third year	02
Organic chemistry	Third	Third year	02
practical	Practical	Third year	02
PHYSICS			
Physics	First	First year	03
Physics	Second	First year	03
Practical	Practical	First year	02
Physics	First	Second year	03
Physics	Second	Second year	03
Practical	Practical	Second year	02
Physics	First	Third year	03
Physics	Second	Third year	03
Practical	Practical	Third year	02
MATHEMATICS			
Mathematics	First	First year	02
Mathematics	Second	First year	03

Mathematics	Third	First year	03
Mathematics	First	Second year	03
Mathematics	Second	Second year	02
Mathematics	Third	Second year	03
Mathematics	First	Third year	03
Mathematics	Second	Third year	03
Mathematics	Third	Third year	02
COMPUTER SCIENCE			
Fundamentals of Computer and Information Technology.	First	First year	03
Object oriented programming in C++	Second	First year	03
Computer Lab-I	Practical	First year	02
Operating System	First	Second year	03
Internet and Web Development	Second	Second year	03
Computer Lab-II	Practical	Second year	02
System Analysis and Design	First	Third year	03
GUI Programming in Visual Basic	Second	Third year	03
Computer Lab-III	Practical	Third year	02

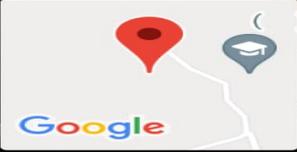
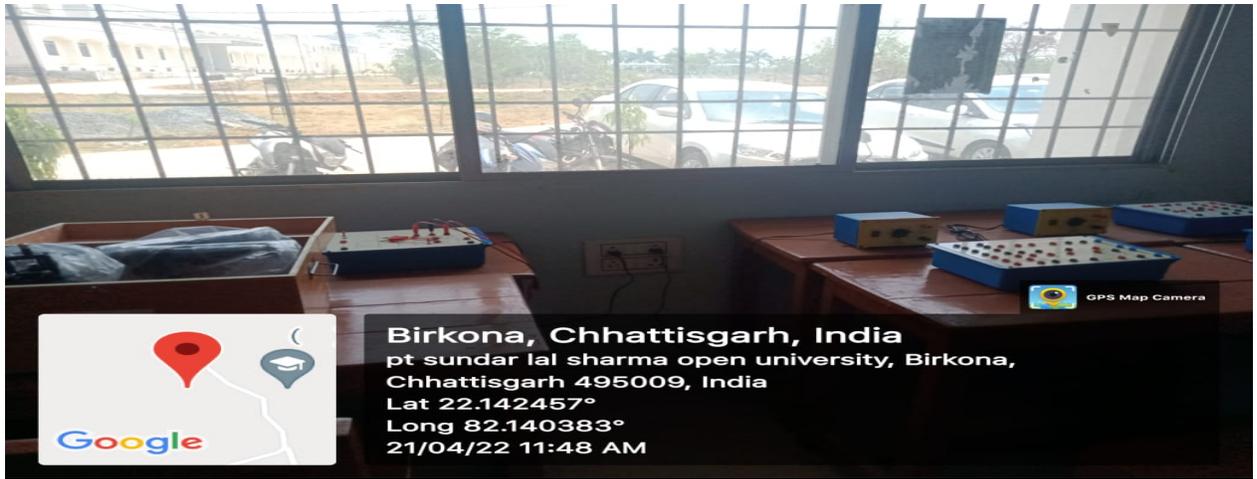
Faculty of the Department:

Name	Designation	Qualification	Mail Id	Mob
Mr. Reshamlal Pradhan	Assistant Professor and Head of Department	M.Tech.(CSE), UGC-NET	reshamlalpradhan6602@gmail.com, hodcs@pssou.ac.in	7024383191
Neha Anchal	Guest faculty	M.Sc.(Physic) CSIR-JRF	nehaanchal1194@gmail.com	7987465502

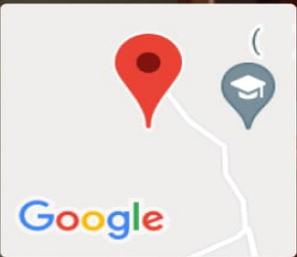
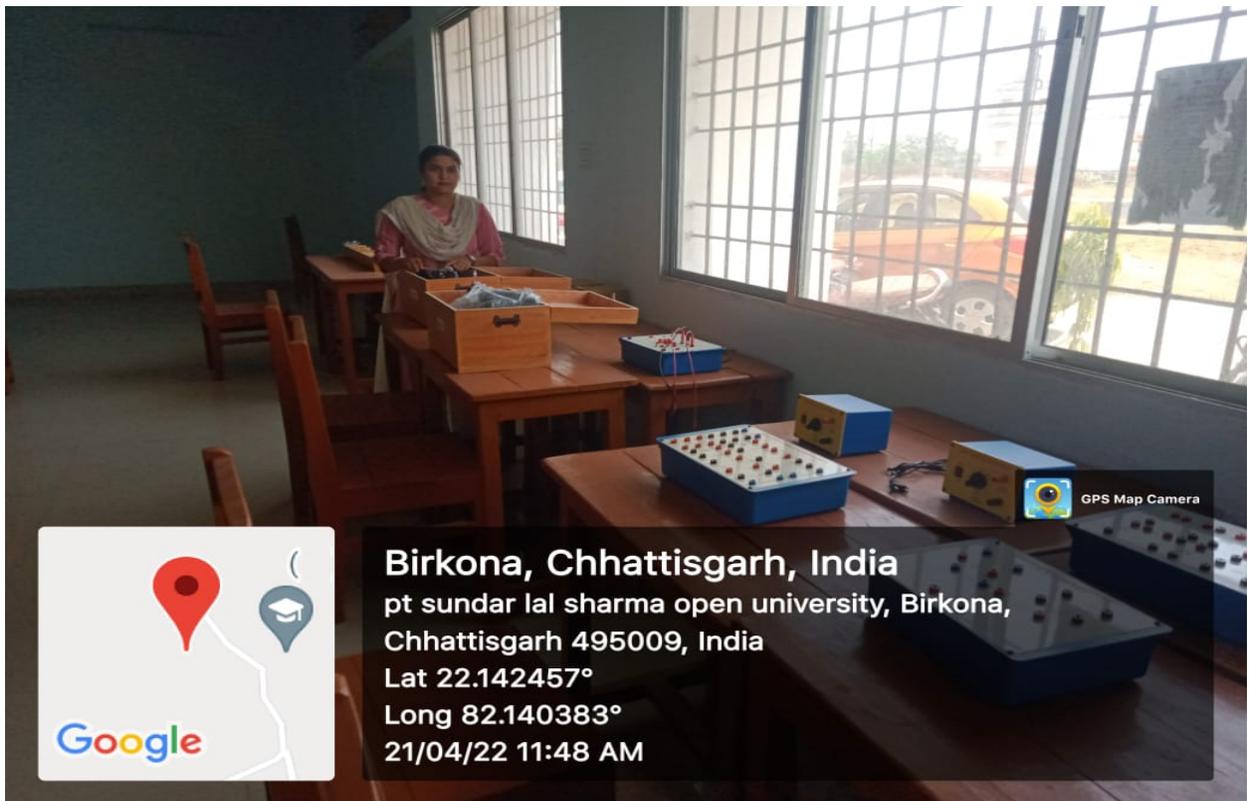
Infrastructure:

The Physics department is located in the Sihava Academic Building of the University. The department has class room and laboratory to facilitate the teaching learning process. Contact classes and Practical examinations are conducted in the department for the learners enrolled in the Physics Discipline. The laboratory is well equipped with the various experimental equipment's.

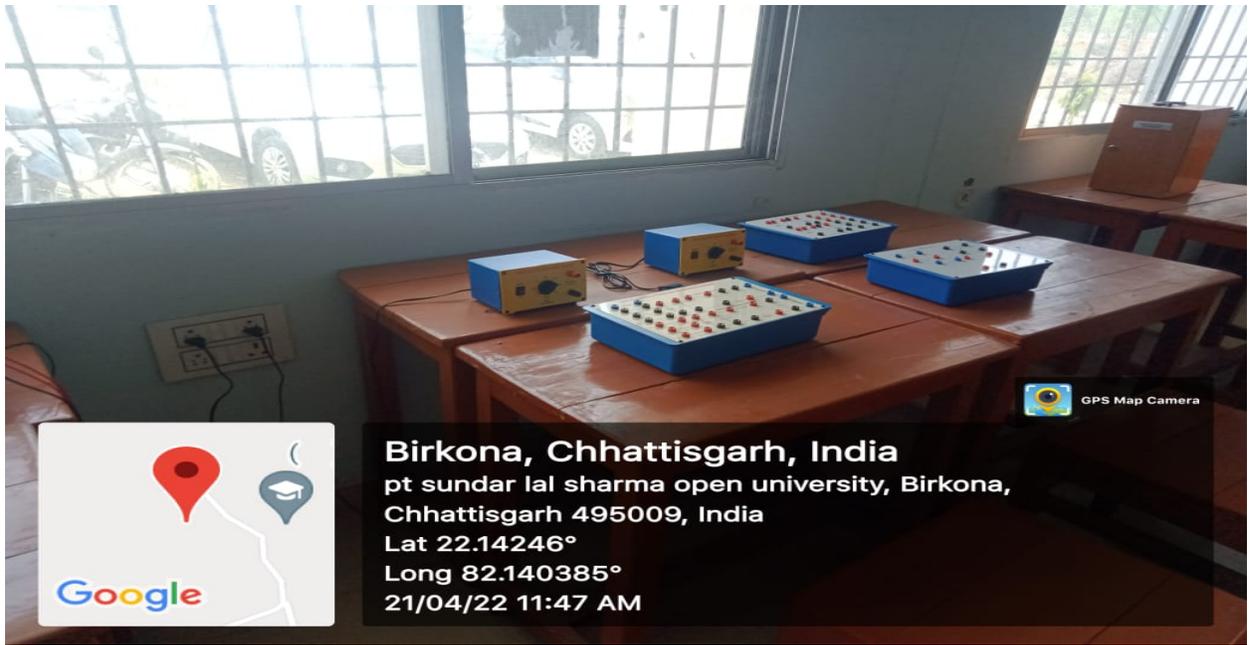
Photo Gallery



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Chhattisgarh 495009, India
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