

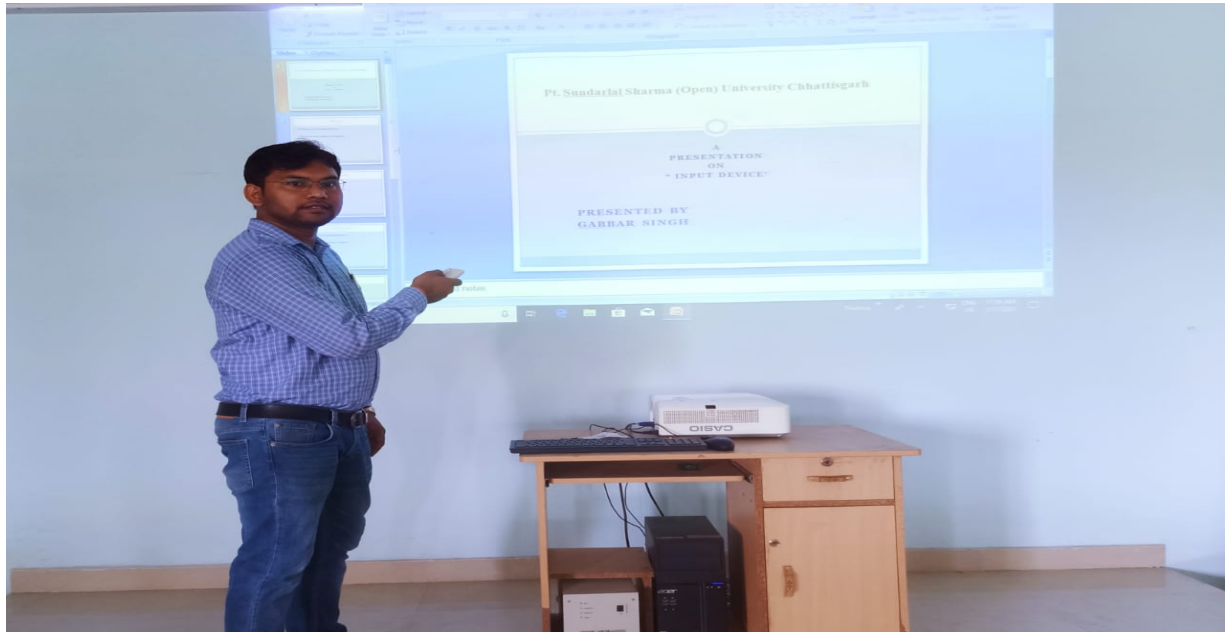


Departmental Profile

Department of Computer Science

(FACULTY OF SCIENCE)

DEPARTMENT OF COMPUTER SCIENCE



About the Department:Open University offers programmes in Open and Distance Learning mode. Department of Computer Science was established with the objective of imparting quality education in the field of Computer 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 Information Technology in Chhattisgarh and India.

Vision:

1. To make Computer Science Department an esteemed body of Pt. Sundarlal Sharma Open University Chhattisgarh in the field of Open and Distance Learning education throughout India.
2. An approach to the local students for making themselves best IT professionals in the Market.
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 computer science and its related domains to the local students who are seeking for research opportunities.

Mission:

1. To prove Pt. Sundarlal Sharma Open University as the best Open University serving in the field of Computer Education.
2. To develop efficient Computer 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 computer education for professional and technological development.

Courses: Courses offered by the university under Computer Science Department are

1. Diploma in Computer Application
2. Post Graduate Diploma in Computer Application
3. B. Sc. (Mathematics) with Computer Science

Diploma courses DCA and PGDCA are offered by the university since 2007, While B. Sc. (Mathematics) with Computer Science has been started from 2021. Details are:

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

Course Structure:

DIPLOMA IN COMPUTER APPLICATION (DCA)

DURATION OF THE COURSE: 01 YEAR

ELIGIBILITY: 10+2

Course syllabus

COURSE CODE	COURSE TITLE	CREDIT
DCA 01	PC Packages	4
DCA 02	Fundamentals of Computer and Information Technology.	4
DCA 03	Object oriented programming in C++	4
DCA 04	Desk Top Publishing	4
DCA 05	Internet and Web Development	4
DCA 06	Computer Lab-I (Based on DCA01 & DCA04)	2
DCA 07	Computer Lab-II (Based on DCA 03)	2

POST GRADUATION DIPLOMA IN COMPUTER APPLICATION

DURATION OF THE COURSE: 01 YEAR

ELIGIBILITY: GRADUATION

Course syllabus

COURSE CODE	COURSE TITLE	CREDIT
PGDCA01	Fundamentals of Computer and Information Technology	4
PGDCA02	Operating System	4
PGDCA03	RDBMS Programming in FoxPro	4
PGDCA04	PC Packages	4
PGDCA05	Internet and Web Development	4
PGDCA06	Object Oriented Programming in C++	4
PGDCA07	Computer Lab-I (Based on PGDCA 03 and PGDCA 04)	2
PGDCA08	Computer Lab-II (Based on PGDCA 06)	2

BACHELOR OF SCIENCE[MATHEMATICS]

[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

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
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

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

Non-Teaching Staff of the Department:

Name	Designation	Qualification	Mail Id	Mob
Mrs. Sudha Sharma	Assistant Coordinator	MA, PGDCA, B.Ed, PGDYS	Sudhasharma15ss@gmail.com	9301981090
Shri GulabSahu	Office Assistant	MA	-	8085743055

Infrastructure:

Computer Science department is located in the Sihava Academic Building of the University. The department has class room and computer lab to facilitate the teaching learning process. Contact classes and Practical examinations are conducted in the department for the learners enrolled in the computer courses. Class room and Computer lab is well equipped with the Projectors, Computers and boards. The Department provides and supports Research and Development in the field of computer science, its related domains and other domains (where Computer, internet and digital technology has significant role) for the learners who are seeking for research opportunities.

Photo Gallery





