



**PT. RAVISHANKAR SHUKLA
UNIVERSITY**
Accredited With Grade "A" by NAAC

**SCHOOL OF STUDIES IN
ENVIRONMENTAL
SCIENCE**



School of Studies in Environmental Science

Pt. Ravishankar Shukla University
Amanaka, G. E. Road, Raipur (C.G.),
India-492010

EDUCATE ▼ LIBRATE ▼ TRANSFORM

ABOUT THE DEPARTMENT

School of Studies in Environmental Science was founded in 2011. It offers postgraduate and research degree programs in Environmental Science. It is a new department of the University. School of Studies in Environmental Science covers the following topics/areas for the M.Sc. course such as Renewable, Non-renewable and Perpetual Resources, Analytical Methods in Environmental Sciences, Instrumental Techniques: Principle and Application, Meteorology and Climatology, Environmental Pollution and Control: Air and Water, Environmental Geosciences, Environmental Toxicology, Environmental Microbiology, Environmental Biotechnology, Data Analysis in Environmental Sciences, Remote Sensing and GIS, Environmental Disaster and Risk, Environmental Impact Assessment, Environmental Audit and Environmental Management System Standards and Environmental Law, Policies, and Society.

The major fields of research are: Renewable energy, Water Pollution, Soil Pollution, Heavy Metal Pollution, Air quality monitoring, and analysis, Atmospheric organics including carbonaceous fractions, volatile organic compounds, polycyclic aromatic hydrocarbon, Air quality, and health, etc.

The Environmental Science is a multi-disciplinary subject because it comprises various branches of science like chemistry, physics, medical science, life science, agriculture, public health, sanitary engineering, etc. It is the science of physical phenomena in the environment. It studies of the sources, reactions, transport, effect and fate of chemical and biological species in the air, water, and soil, and their effect on human activities.

We need to study the environment and the sciences applied into it to find solutions to different environmental issues so that children of tomorrow will still enjoy the healthy and a productive environment we still have now. Environmental science provides the educational specialties related to a number of subjects and issues related to environment i.e. Ozone layer Depletion, Noise Pollution, Food Cycle, Acid Rain, Air Pollution, Fossil fuels, Climate change etc.

School of Studies in Environmental Science provides an integrated, quantitative, and interdisciplinary approach to the study of environmental systems.



HEAD : **Dr. M. K. Deb**
(Ph.D.), INSA-JSPS Fellow
Specialization: Environmental Science, Analytical Chemistry
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VISION

1. To make quality higher education accessible to all-sections of the society, including the tribal population of Chhattisgarh.
2. To provide quality education in the disciplines of Arts, Humanities, Social Sciences and Natural, Sciences and other disciplines of learning.
3. To develop human resources with world class. competence and skilled in their respective disciplines

MISSION

To develop the University as a centre of excellence for higher education and knowledge resource. To promote understanding the value of self learning, creativity and competence building.

1. By providing world class education through University-Teaching Departments and Schools.
2. By promoting quality research in University Schools and affiliated Colleges.
3. By creating an environment conducive to nurture creativity and Scientific Temper

ACADEMIC PROGRAMS OFFERED

Course name	seat	Eligibility	Admission procedure
Ph.D.	As per vacancy	M.Sc. or M.Phil in Environmental Science	Entrance test
M.Sc.	25	B.Sc.	Entrance test

SCIENTIFIC COLLABORATION & MoU

- Optical Imaging laboratory, Section of Anatomy and Histology, Neuroscience, Biomedicine and Movement, Department, University of Verona Biological Institute, Strada Le Grazie 8, Verona, Italy .
- Lodz University of Technology Faculty of Biotechnology and Food Sciences Institute of General Food Chemistry, 90-924 Lodz Poland.
- Atmospheric Chemistry & Biogeochemistry, LAPC, Institute of Atmospheric Physics, Chinese Academy of Sciences, Beijing 100029, China Brescia University, Brescia, Italy .
- Centre for Lipid Research, CSIR-Indian Institute of Chemical Technology IICT], Tarnaka Hyderabad-500007

TEACHING FACULTY

RESEARCH & LAB FACILITIES

EDUCATIONAL TOUR

S N	Name	Designation	Specialization
1	Dr. M. K. Deb (INSA-JSPS Fellow) debmanas@yahoo.com	Professor & Head	Environmental Science, Analytical Chemistry
2	Dr. Shamsh Pervez (Full bright Fellow) shamshpervez@gmail.com	Professor	Environmental Science, Analytical Chemistry
3	Mr. Sagar Ku. Rajak (UGC-NET, ICAR-NET) sagarkumarrajak9@gmail.com	Guest Lecturer	Environmental Science
4	Mr. Sudheer Bhoi	Guest Lecturer	Environmental Science
5	Miss Annu Agrawal	Guest Lecturer	Environmental Science
6	Mr. Satendra Indoriya (CG-SET)	Guest Lecturer	Life Sciences
7	Mr. Subham Dewangan (UGC-NET)	Guest Lecturer	Environmental Science
8	Miss Nidhi Yadav (UGC-NET)	Guest Lecturer	Environmental Science



Department has many sophisticated instruments such as Ion chromatography, Ion selective electrode, UV-VIS spectrophotometer, Carbon dioxide monitor, Bacterial incubator, High volume air sampler, Sound meter, Flame photometer, Meteorological sensors, Deep freezer, Water purification system, Hot air oven etc.



School of Studies in Environmental Science organizes Educational Tour/Excursion every year for M. Sc. and Ph. D. Students.

EXTRACURRICULAR ACTIVITIES



Students are involved in various activities in the department