



**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 € Liberate € Transform

**RESEARCH & LAB FACILITIES**



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.

**EDUCATIONAL TOUR**



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

**EXTRACURRICULAR ACTIVITIES**

**TEACHING FACULTY**

S. No.	Name	Designation	Specialization
1.	<b>Dr. K. S. Patel</b> (Humboldt Research Fellow) <a href="mailto:patelks_55@hotmail.com">patelks_55@hotmail.com</a>	 Professor & Founder	Environmental, Analytical Chemistry
2.	<b>Dr. M. K. Deb</b> (JSPS Fellow) <a href="mailto:debmanas@yahoo.com">debmanas@yahoo.com</a>	 Professor & Head	Environmental Analytical Chemistry
3.	<b>Dr. Shamsh Pervez</b> (Full bright Fellow) <a href="mailto:shamshpervez@gmail.com">shamshpervez@gmail.com</a>	 Professor	Environmental Analytical Chemistry
4.	<b>Mr. Suryakant Chakradhari</b> <a href="mailto:suryachakradhari99@gmail.com">suryachakradhari99@gmail.com</a>	 Guest Lecturer	Environmental Science
5.	<b>Mr. Ankit Yadav</b> <a href="mailto:yadavankit.yadav9@gmail.com">yadavankit.yadav9@gmail.com</a>	 Guest Lecturer	Environmental Science



Students are involved in various curricular activities in the department.

Course Name	Seats	Eligibility	Admission Procedure
Ph.D.	As per vacancy	M.Sc. or M.Phil. Environmental Science	Entrance Test
M.Sc.	20	B.Sc.	Entrance Test

### VISION

- To make quality higher education accessible to all sections of the society, including the tribal population of Chhattisgarh.
- To provide quality education in the disciplines of Arts, Humanities, Social Sciences, Natural Sciences and other disciplines of learning.
- 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.

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

### ACADEMIC PROGRAMS OFFERED SCIENTIFIC COLLABORATION & MOUs

- 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 [IIT], Tarnaka, Hyderabad-500007

6. **Ms. Miteshwari Shakar**  
[met3007@gmail.com](mailto:met3007@gmail.com)



Guest Lecturer

Environmental Science

7. **Ms. Annu Agrawal**  
[annuagrawal10@gmail.com](mailto:annuagrawal10@gmail.com)



Guest Lecturer

Environmental Science

### 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 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 productive environment we still have now. Environmental science provides the educational specialties related to 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.



Founder : **Dr. K. S. Patel**  
(Ph.D., Humboldt Fellow )  
Specialization : Environmental Chemistry and Analytical Chemistry  
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Contact : 9993013290



Head : **Dr. M. K. Deb**  
(Ph.D., JSPS Fellow )  
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