



## *Activities in the Department*



# School of Studies in Biotechnology

A DST- FIST Supported Department



## Contact us-

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## About the Department

The School came into existence in the year 2004 and Prof. K. L. Tiwari was appointed as Head of the Department to give it a proper shape. The School comes under the faculty of Life Sciences and offers post graduate as well as research degree (M.Phil. and Ph.D.) in Biotechnology.

## Vision & Mission of the Department

- » To establish this School as "Centre of Excellence" in terms of both teaching and research, in the realm of Biotechnology.
- » To establish academic collaborations with the peers of the subject as well as organizations of repute, located nationally and internationally.
- » To make the teaching-learning process more effective, transparent and interesting, by incorporating latest ICT aids, organizing quizzes, academic competitions, etc.

## Programs offered/ Admission Procedure

Ph. D.  
M. Phil.  
M. Sc.  
CBCS (Biotechnology)

As per the University Ordinance, through Entrance Examination.

## Faculties

Names	Position	Specialization
Dr. S. K. Jadhav	Prof. & Head	Bioprocess Engineering, Biofuel technology and Environmental Biotechnology
Dr. Keshav Kant Sahu	Asso. Prof.	Plant Physiology, Stress Biology and Biotechnology of Ex-situ Conservation
Dr. Afaque Quraishi	Asst. Prof.	Plant Biotechnology
Dr. Kamlesh Shukla	Asst. Prof.	Bio-fertilizer & Mushroom Technology
Dr. Nagendra Kumar Chandrawanshi	Asst. Prof.	Plant Biotechnology & Mushroom Technology

## Research Grants obtained

This department is recipient of DST-FIST (Level I) grants (2014-19) from DST, New Delhi. It has also received research grants from various funding agencies like UGC, DRDO, CGCOST, etc.

## Academic Achievements

Students of this School are honored by securing various research fellowships like: DST-INSPIRE, CSIR-JRF, UGC-JRF, UGC-RGNF, DBT-JRF and University Research Fellowships.

## Available facilities

Specified research laboratories and sophisticated instruments available are- Gel Doc system, Thermocycler, UV Trans illuminator, CO<sub>2</sub> Incubator, UV-Vis Spectrophotometer, High Speed Centrifuge, HPLC, MiliQ Water Purification System, Spectrofluorometer, Bio Safety Cabinet, Digital Microscope, Cryocans, ELISA reader, Electrophoresis system, Orbital Shaking Incubator, Air Sampler, Spectroquant Nova 60, Water Quality Analyzer PE 138, EC-TDS Analyzer CM 183, Deep Fridges (-20 & -80°C), Automated Plant Tissue Culture Lab, Medicinal Plant Incubation Centre etc.

## Library

The department is having its own library which includes hard binded and electronic copies of featured books of biotechnology. Moreover, thousands of *e-journals* are available through UGC-INFLIBNET network via University Central Library.

## Extracurricular activities

Guest Lectures, Field & Lab visits, Seminars and Workshops are also organize by the Department for the development of scientific temperament in the students. Exposure and interaction of students with renowned national and international personalities of Biotechnology intend them for enthusiastic R&D in the subject.

## Alumni Association of Biotechnology

The alumni association of this department exists since 2010. It has registered under the Firm and Societies, Govt. of Chhattisgarh, Raipur, dated on 05/05/2014 and Registration no. 29709. Total 80 members are joined the association and 49 members have been registered in the association as Life members. Most of the Alumnus are working in various Government and private organizations in different capacities.