



Dnyandeep Shikshan Prasarak Mandal's
DR. KHATRI MAHAVIDYALAYA
TUKUM, CHANDRAPUR- 442401 (MS)
Recognized by Govt. of Maharashtra & Affiliated to Gondwana University, Gadchiroli
(Arts, Commerce and Science Stream)
(Junior, Graduate, Post Graduate, Ph.D. Research Center & Diploma Courses)

DEPARTMENT OF ENVIRONMENTAL SCIENCE

VISION

Empowering students to identify and solve critical environmental challenges while proactively preventing future issues for the sake of sustainability.

MISSION

- To inspire students to adopt an ethical, empirical, and aesthetic approach to overall development.
- Our goal is to equip students with essential, specific knowledge.
- Our mission is to raise awareness about the environment.
- Our mission is to analyze and address environmental challenges.
- To empower stakeholders to conduct research and gain insights into key environmental issues.
- To promote the sustainability of the environment among students and the people.



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ABOUT THE DEPARTMENT

The Department of Environmental Sciences was established in 1997. The undergraduate programme began its journey in 1999 with adequate students. The department engaged to construct Vanarai Bandhara at Lohara village near Chandrapur as part of water conservation. The Department had taken initiatives to visit prestigious institutes like NEERI, the regional meteorological centre, and Raman Science Centre, Nagpur. The Department had arranged an educational tour to study processes in Manikgarh Cement, Gadchandur, L&T Cement, Awarpur, Coal based power plant in Manikgarh Cement.

The college started its M.Sc. degree programme in 2005. The students had completed projects required as part of their degree in various areas covering important issues in environmental science. Some students got training in CSTPS Chandrapur in areas such as stack sampling and demineralisation of water. The department completed the project on the Need to use air conditioners, water as distilled water, and class 3 for general experiments. The project details were submitted to the honorable president, Smt. Pratibha Devi Singh Patil, for information, since then, the department has been utilizing A/Cs condensed water for general practice. Gondwana University was established in the year 2011. Since then the entire work of board of studies is handled by chairman and BOS members of this department. The department head is also working as visiting faculty at the local Sardar Patel College.

Chandrapur. Seven students got registration in the subject, of whom two students were awarded the Ph.D. degree. The department had completed consultancy work given by the regional government engineering college, Chandrapur, on monitoring air pollution in the city.

Faculty successfully acted as a resource person in refresher courses conducted by UGC, HRDC, the Centre, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, and a short-term course organized by UGC, HRDC, the Centre, and Sant. Gadge Baba Amravati University, Amravati. Faculty also delivered a speech at a symposium organized by the School of Earth Science, SRTM, Nanded. Recently, the department has received approval from Gondwana University to start the Institute of Higher Learning, Research, and Specialized Studies in Environmental Science. The students also cleared the State Eligibility Test (SET) examination conducted by Savitribai Phule University, Pune (Maharashtra). The alumni of this department are working in the education field as assistant professors, junior college teachers, quality control laboratory heads in industry, carbon credit consultancy workers, etc.

The department successfully organized Parivartan Dindi in the event “Marathi Sahitya Sammelan,” Chandrapur. The department has diversified interests in administering compulsory courses such as environmental studies for all degree courses. A memorandum of understanding between the environmental science departments in interuniversity colleges is a milestone to work toward the exchange of knowledge about environmental issues, awareness, and conservation.

Every year, 1-2 students get merit places in the university examination. Last but not least, the department is striving hard to impart quality education to students for all-around development.



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SWOC ANALYSIS

STRENGTH: The department pursues the progress of the students through various modes.

WEAKNESS: Interaction of students with Industry is the area where we could do better.

OPPORTUNITIES: Students are provided with career guidance in NET/SET/PET examinations. Students are also influenced to work with consultancies/NGOs. Our mission is to raise awareness about the environment.

CHALLENGES: Placing students in various fields in the current competitive situation is challenging for us.