

Government Digvijay Autonomous College, Rajnandgaon (CG)

Department of Chemistry

Environmental Studies

PO/PSO/CO

Programme Specific Outcome in course

- a) **Disciplinary knowledge** Enable students to develop a comprehensive understanding of various facets of life forms, ecological processes and how humans have impacted them during the Anthropogenic era.
- b) **Critical thinking** Capability to identify relevant environmental issues, analyse the various underlying causes, evaluate the practices and policies, and develop framework to make informed decisions.
- c) **Moral and ethical awareness/reasoning** Develop empathy for various life forms and appreciate the various ecological linkages within the web of life.

Programme Learning Outcome in course

The course will empower the undergraduate students by:

- I. Gaining in-depth knowledge on natural processes that sustain life and govern economy.
 - ii. Predicting the consequences of human actions on the web of life, global economy and quality of human life.
 - iii. Developing critical thinking for shaping strategies (scientific, social, economic and legal) for environmental protection and conservation of biodiversity, social equity and sustainable development.
 - iv. Acquiring values and attitudes towards understanding complex environmental economic-social challenges, and participating actively in solving current environmental problems and preventing the future ones.
 - v. Adopting sustainability as a practice in life, society and industry.

Course Learning Outcomes

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- ii. Predict the consequences of human actions on the web of life, global economy and quality of human life.
- iii. Develop critical thinking for shaping strategies (scientific, social, economic and legal) for environmental protection and conservation of biodiversity, social equity and sustainable development.
- iv. Acquire values and attitudes towards understanding complex environmental-economic social challenges, and participating actively in solving current environmental problems and preventing the future ones.
- v. Adopt sustainability as a practice in life, society and industry