



**DEPARTMENT OF ENVIRONMENTAL SCIENCE
INDAS MAHAVIDYALAYA**

PROGRAMME COURSE

PROGRAMME OUTCOME:

- PO1.** Students develop knowledge in fundamentals of Environmental Science
- PO2.** Students gather practical knowledge both in laboratory and also in the fields of Environmental Science
- PO3.** Students will be able to think logically and scientifically into fundamentals of Environmental Science.
- PO4.** Able to know about and apply appropriate techniques, resources, and modern instruments and equipments of Environmental Science.
- PO5.** Application of knowledge to overcome social issues.

COURSE OUTCOME

Course title: Fundamentals of Environmental Science and Social Issues
Course code: ENV/SP/101-1A

- CO1.** Students are expected to be able to understand of society, culture and environment. They will understand environmental education and environmental ethics
- CO2.** Students will be able to understand global environmental issues
- CO3.** Students will be able to understand development-environment conflict.
- CO4.** Students will be able to understand urbanization and environment
- CO5.** Students will be able to understand Production and consumption oriented approaches to environment.
- CO6.** Students will be able to understand social inequalities.

Course title: Environmental Ecology, Human- Wildlife Conflict and Management
Code: SPENV/201/C-1B)

CO1. Students are expected to be able to understand of environment, environmental education and its objectives. They will understand environmental education and environmental ethics

CO2. Students will be able to understand wild life management

CO3. Students will be able to understand the evolution wildlife management

CO4. Students will be able to understand wild life conservation laws in India

CO5. Students will be able to understand mankind from predator to conservator.

CO6. Students will be able to understand socioeconomic and legal basis of conflicts.

Course title: Gender and Environment
Code: SPENV/301/C-1C

CO1. Students are expected to be able to recall about the evolution of society through several generations. They are also expected to be able to retrieve various characters of society and gender. Moreover they will be able to recognize gender role in society.

CO2. Students will be able to illustrate society and gender. They will also be able to classify society and gender and will be able to develop logic to solve any particular problem.

CO3. Students will be able to construct society and to solve a particular problem. They will also be able to implement the solution of a particular problem.

CO4. Students will be able to discriminate between society and gender. They will also be able to respect everyone.

CO5. Students will be able to determine helpful, will be able to detect errors and will also be able to make proper relationship among human being.

CO6. Students will be able to design to solve any real life problem using inter action among themselves.

Course title: Conservation of Biodiversity and Green Technologies
Course code:(SPENV/401/C-1D)

CO1. Students will be able to understand green environment.

CO2. Students will be able to apply green technologies.

CO3. Students will be able to understand Green infrastructure, planning and economy.

CO4. Students will be able to understand application of green technologies.

CO5. Students will be able to understand Green future.

CO6. Students will be able to understand conservation of biodiversity.

Course title: Energy and Environment

Course Code: (SPENV/501/DSE-1A)

CO1. Students will be able to understand the importance of energy They are also expected to be able to understand the use of energy.

CO2. Students will be able to know the source of energy.

CO3. Students will be able to understand of global energy demand

CO4. Students will be able to explain the impacts of energy. They will be able to calculate the air pollution. They will understand of global warming.

CO5. Students will be able to explain the cause of Chernobyl and Fukushima nuclear accident.

CO6. Students will be able to explain energy policy. They will understand current and future energy use.

Course title: Natural Hazards and Disaster Management

Course code: (SPENV/601/DSE-1B)

CO1. Students are expected to be able to understand natural hazard.

CO2. Students will be able to risk and vulnerability.

CO3. Students will be able to understand anthropogenic hazards.

CO4. Students will be able to understand Qualitative likelihood measurement index.

CO5. Students will be able to understand Mitigation and preparedness.

CO6. Students will be able to understand disaster management in India.

AECC COURSE

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PO4. Able to know about and apply appropriate techniques, resources, and modern instruments and equipments of Environmental Science.

PO5. Application of knowledge to overcome social issues.

COURSE OUTCOME

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Code: ENV/SP/101-1A

CO1. Students are expected to be able to understand Introduction to Environmental Studies

CO2. Students will be able to understand ecosystem.

CO3. Students will be able understand Natural Resources: Renewable and Non-Renewable Resources.

CO4. Students will be able to understand Biodiversity and conservation.

CO5. Students will be able to understand Environmental Pollution.

CO6. Students will be able to understand Policies & Practices Human Communities and the Environment.

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