

INDIRA GANDHI ACADEMY OF ENVIRONMENTAL EDUCATION,
RESEARCH AND ECOPLANNING

Programme Offered :

1. **M.Sc. Environmental Science**
2. **M.Phil.**
3. **Ph.D.**

Profile of the department :

The department was established during the VII-Plan in 1988 by University Grants Commission. Modern civilization endowed with the power of Science and Technology has been responsible for local, regional and global changes in the biosphere, which in its own turn has altered the quality of human life. This has also resulted into ecological problems like population explosion, migration, rehabilitation, urbanization, industrialization, flood, desertification, land degradation, pollution, loss of biodiversity etc. These all have originated as a result of inadequate and faulty planning associated with irrational use of the natural resources, more so, the non-renewable resources. In a bid to achieve excellence in agricultural and industrial fields, earlier nation five year- Plans seem to have turned their back towards possible damages to the environment, so necessary for sustainable development. There is thus a growing need for such educational programmes which impart knowledge about the delicate interactions between various environmental factors to harness a sustainable symbiotic co-existence of Man with Nature. The curriculum of environmental science has, thus, been designed to incorporate and integrate the subject matters from a large number of disciplines. In its true sense the environmental science is not only multidisciplinary but has emerged out as an integrated subject. It embodies bulk of information pertaining to health education, medicine, life sciences, earth sciences, engineering, architecture, anthropology, history, culture, economics, ethics, psychology, etc.

1. M.Sc. Environmental Science : (Two years / Four semester)

Eligibility : B.Sc. with 50% marks with Life Science subjects

Available Seats : Open = 30 Payment = 10 NRI = 06

Mode of Selection : On the basis of the Index based on the merit in qualifying examinations.

Contact person : **Prof. Rekha Bhaduria, Director** **Prof. Y.K. Jaiswal, Dy. Director**

Visiting Faculty

Prof. P. Rajaram

Prof. R.J. Rao

Dr. S.N. Mohapatra

Prof. Sheelwati Agrawal

Course Structure :

I – Semester

Fundamental of Environment, Climate & Soil Science
Ecology, Biodiversity, Forestry, Wild life & their Conservation
Environmental economics, Natural resources
Energy and Environment

Practical - I
Practical - II

II – Semester

Air, Noise Pollution & Control
Water, Thermal and Radioactive Pollution
Hazardous waste treatment, Solid waste Mngt. and Occupational health
EIA, EMS and EA

Practical – I
Practical – II

III – Semester

Earth Processes, Hazards and Risk assesment
Biotechnology , Toxicology & Environmental Mngt.
Surveying , Photointerpretation and Remote Sensing
Environmental Administration , Law & Judicial Attitude.
Practical – I
Practical – II

IV – Semester

Global prospects towards environmental ethics & Sustainable development
Statistics, Biometry and Research Methodology
Practical-I / Case studies
Field work / Projectwork.
Disertation

2. M.Phil.:

Eligibility : M.Sc. Environmental Science with 55% marks.

Available seats : OPEN = 05 NRI = 02

Mode of Selection : On the basis of merit in test conducted by the university.

Fees for the course :

Open Seat

Course	I Semester	II Semester	III Semester	IV Semester
M.Sc. Env. Sci.	Rs.18415.00	Rs. 14525.00	Rs. 15875.00	Rs. 14525.00
M.Phil.	Rs. 23920.00	Rs. 17525.00		

Payment Seat: M.Sc. Rs. 7000/- per Semester additional to the fees for Open Seat