



Post Graduate Diploma in Sustainability Science

Chair for Sustainable Development (CSD) &
School of Agriculture
INDIRA GANDHI NATIONAL OPEN UNIVERSITY
Maidan Garhi, New Delhi – 110068, India

ABOUT IGNOU

The Indira Gandhi National Open University (IGNOU) was established by an Act of Parliament in 1985 to broad-base the reach of education and provides cost-effective and quality learning facilities to large sections of our population, including those living in remote and far-flung areas. Today, it serves the educational aspirations of about 3.5 million students in India and about 36 countries abroad. IGNOU imparts the study programmes through 21 Schools of Studies, with a network of 62 regional centres, more than 3200 study centres and around 67 overseas centres. The University offers need based academic programmes, including professional, vocational and general awareness programmes to the seekers. Access, quality and equity are IGNOU's guiding principles and is continuously working to build an inclusive knowledge society.

IGNOU offers over 486 Certificate, Diploma, Degree and Doctoral programmes. The teaching-learning process is learner-centric and based on self-instructional learning materials. The self-study is aided by the support facilities provided at study centres throughout the country. The programmes are supported by faculty members and academic staff at the headquarters and Regional Centres. The academic counsellors drawn from conventional institutions of higher learning, and professionals from various organizations also give the necessary back-up. The application of state-of-the-art ICTs has further helped in reaching out to the hitherto un-reached sections of the society. As of now, IGNOU has about 700 centres equipped with one-way video and two-way audio facility and more than 134 EduSat television based centers with interactive facility. The Virtual Class provides an e-learning platform to deliver online programmes of the University. To know more about the IGNOU, please visit www.ignou.ac.in.

CHAIR FOR SUSTAINABLE DEVELOPMENT (CSD)

With the declaration of 2005-2014 as the decade of education for Sustainable Development by the United Nations, Indira Gandhi National Open University (IGNOU) established a University level Chair in March 2007, cutting across disciplines and schools to develop and promote Education for Sustainable Development in India. Eminent agricultural scientist Professor M.S. Swaminathan is the Honorary Chair for Sustainable Development at IGNOU. Through the Honorary Chair, the IGNOU endeavors to enhance awareness among a wide spectrum of scientists, environmentalists, administrators, social scientists, policy makers and enlightened corporate sectors on the urgent and imperative need to put sustainability in the centre of all their endeavors. To know more about the CSD, please visit the website at <http://www.ignou.ac.in/csd/home.htm> or www.ignouonline.ac.in/save.

ABOUT THE PROGRAMME

Sustainability Science is defined as the study of dynamic interactions between nature and society. For planet Earth, humanity, and all other living beings at crossroads, the most urgent need is to reconcile environment and development in a mutually – reinforcing manner, in view of the ever-increasing “ecological footprint” and constantly reducing “biocapacity”. The PG

Diploma in Sustainability Science, an inter-and multidisciplinary programme, have contents drawn from environmental sciences, ecology, economics, anthropology, humanity and social sciences. The ethics, economics, equity, energy, employment and education are the basic components, and the issues concerning population, anthropogenic pressure on planet Earth, the threats such as climate change, free but not fair trade etc. have also been addressed.. Emphasis on essential policy requirements has been made with reference to the ecological, social and economic dimensions of sustainable development.

PROGRAMME OBJECTIVES

The major objectives of the programme are to:

- Enhance awareness and impart knowledge on urgent measures to be taken to limit population explosion, unsustainable lifestyle, and generation of non-and slowly recyclable e-waste, synthetic chemicals etc.
- Transform green revolution into evergreen revolution so that agriculture is no longer a destroyer of forests and biodiversity.
- Put “ecology” in the centre of economic development – Principles of ecological economics as well as newer areas such as social economics would be taught along with essential integration with ethics, and equities.

PROGRAMME STRUCTURE

The programme consists of the following 7 courses and a project work/Dissertation:

- MSD-011: Sustainability Science (4 credits)
- MSD-012: Ecosystem and Natural Resources (4 credits)
- MSD-013: Socio-Cultural System (4 credits)
- MSD-014: Ecological Economics (4 credits)
- MSD-015: Institutions, Governance and Policies (4 credits)
- MSD-016: Strategies and Models for Sustainability (4 credits)
- MSD-017: Challenges to Sustainable Development (4 credits)
- MSDP-018: Project/Dissertation (4 credits)

ELIGIBILITY

- All graduates from social and natural sciences streams
- Policy makers, administrators, scientists and educators as well as general public interested in paradigm shift from the present unsustainable to sustainable development.

DURATION

Minimum: 1 Year

Maximum: 4 years

MEDIUM OF INSTRUCTION

- English

PROGRAMME FEE

- Indian:- Rs. 7000.00
- SAARC Countries:- \$ 450
- Non SAARC Countries:- \$ 1400

ADMISSION

The programme is offered for July Session only. The students seeking admission may get application forms as per the university schedule for admission to July cycle at the concerned Regional Centre. The students can also register and fill in their application forms on the online platform- www.ignouonline.ac.in/save. Registration will be confirmed only after verification of the certificates and payment of the required admission fee.

Facility for online payment is available through the payment gateway being offered by the University for Online Programmes. Student can also pay through Demand Draft (in favour of IGNOU, New Delhi).

STUDENT SUPPORT ACTIVITIES

PGDSS programme shall be available online on the SAVE (Sustainable Action and Virtual Education) Platform. It is a complete virtual learning environment suite covering substantial activities of teaching-learning process. The following features shall be available to the registered students:

Integrated multimedia courseware: Once registered, learners will have access to personalized learning space (My Page). This includes self-instructional material, related audio/video, slides, self-check exercises, etc. weaved in one platform.

Online Counseling and mentoring: Web cast based counseling integrated with text based chatting facility shall be used for counseling purposes. There shall be around 10 -12 counselling sessions of one hour duration each.

Online Project Platform: Templates shall be made available for synopsis submission, project uploading and evaluation.

EVALUATION

A three-tier system of evaluation is followed (a) self-evaluation, through devices built into the course material, (b) continuous evaluation, through assignments and (c) through term end-examination. The weightage to the term end examination for the theory courses shall be 70% and the weightage to continuous assessment shall be 30%. The project work/dissertation shall also be evaluated as per the university norms.

JOB OPPORTUNITIES

World is under collapse: a fiction or challenge? The need is of a common effort to maintain the harmonious relation with nature and development. On the other side, livelihood improvement is still required in those areas of developing and underdeveloped countries, rural and remote areas. Many National and International organizations are in search of professionals people who are keen to understand and learn the global issues of conservation, development, livelihood improvement etc. in large team. This course will be a guidepost in joining those Organizations.

Those who are interested to continue their research in multidisciplinary fields will get theoretical understanding in choosing their career. The successful students may join as project officer/ environmental expert in the NGOs, industries and academic institutions.

FOR ADDITIONAL INFORMATION, KINDLY CONTACT:

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(Or)

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