Post Graduate Diploma in Sustainability Science
(PGDSS)

Assignments (ASSIGNMENT NO.: PGDSS/2022)

(2022)

School of Interdisciplinary and Transdisciplinary Studies
Indira Gandhi National Open University
Maidan Garhi, New Delhi -110068

Dear Learner,

You will have to do one assignment for each course. Each assignment carries 100 marks. **Irrespective of the year of registration you need to submit the latest assignments uploaded on the website.**

INSTRUCTIONS

1. Read the detailed instructions about assignments given in the Programme Guide.

2. The first page of your response sheet should look like this:

Programme code : PGDSS
ASSIGNMENT NO.: PGDSS/2021
Enrolment No…………………….
Name & Address (with e-mail and mobile number) ……………………………..
Course Code and Title………………………

3. Use A-4 size papers for responses, write on both sides with margin, and secure all the pages carefully.

4. Write the question with each answer. **Each question to be answered in around 500 words in your own handwriting.**

5. **Last date for submitting the assignments for June Term End Examination is 30ᵗʰ March and for December Term End Examination is 30ᵗʰ September**.

6. Submit the assignment responses to the Coordinator, PGDSS.
>   Programme Coordinator
>   Post Graduate Diploma in Sustainability Science (PGDSS)
>   Room No. 21A, Block 1
>   Block 1, Indira Gandhi National Open University
>   Maidan Garhi, New Delhi-110068
>   or
You can email the handwritten scan copies to pgdss@ignou.ac.in
- o **Scan copy of handwritten assignments**
- o **Please submit in PDF format**
- o **Make different files for different course**
- o **First page should have the following details (or scan copy of your IGNOU I card)**
    - ▪ **Assignment No.**
    - ▪ **Questions**
    - ▪ **Your name**
    - ▪ **Enrolment No.**
    - ▪ **Email**

- Phone No.
  - **File name should be your enrolment no. followed by course code**
    - **e.g. 197000058-MSD011**
  - **Please send the assignment to pgdss@ignou.ac.in**

GUIDELINES

1. **Planning:** Read the assignments carefully. Go through the self learning material on which they are based. Make some points regarding each question and then rearrange them in a logical order.

2. **Organization:** Give attention to your introduction and conclusion. The introduction must offer your brief interpretation of the question and how you propose to develop it. The conclusion must summarize your response to the question. Make sure that your answer is: logical and coherent; has clear connections between sentences and paragraphs, and; is written correctly giving adequate consideration to your expression, style and presentation.

3. **Presentation:** Once you are satisfied with your answers, you can write down the final version for submission. Write each answer neatly and underline the points you wish to emphasize.

Please contact the Programme coordinator for any academic help / clarification
Dr. Y. S. C. Khuman: pgdss@ignou.ac.in/ysckhuman@ignou.ac.in

ASSIGNMENT NO.: PGDSS/2022

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MSD-011: Sustainability Science

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Course Code: MSD-011
Maximum Marks: 100

Note: This assignment is based on the entire course. Please answer in your own words; do not copy from the course material.
Answer all the questions. All questions carry 25 marks each.

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1. Why is sustainable natural resource management important for achieving SDG? Explain.
2. Discuss the different ways that you can adopt for Sustainable Lifestyle.
3. Technology will play an important role in achieving SDGs by 2030. Justify
4. What are the major factors that lead to fragmentation of landscape? Explain.

MSD-012: Ecosystem and Natural Resources	
	Course Code: MSD-012
	Maximum Marks: 100

Note: This assignment is based on the entire course. Please answer in your own words; do not copy from the course material.
Answer all the questions. All questions carry 25 marks each.

1. What do you mean by Biodiversity? Describe the three levels of biodiversity with examples.

2. Explain Hydrological Cycle. Specify the role of vegetation in Hydrological cycle.

3. Discuss sustainability issues related to energy resources.

4. What are the impacts of adoption of genetically modified crops?

MSD-013: Socio-cultural System

Course Code: MSD-013
Maximum Marks: 100

Note: This assignment is based on the entire course. Please answer in your own words; do not copy from the course material.
Answer all the questions. All questions carry 25 marks each.

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1. Explain the interaction between man and environment from socio cultural point of view?
2. Write an essay on man-animal conflict in India.
3. Explain the role of urbanization in bringing about a social change in society.
4. What is Ethnography? Explain the role of ethnographic studies in cross-cultural studies.

MSD-014: Ecological Economics
Course Code: MSD-014 **Maximum Marks: 100**

Note: This assignment is based on the entire course. Please answer in your own words; do not copy from the course material.
Answer all the questions. All questions carry 25 marks each.

1. Explain any available natural resource based livelihood system in your state or region?
2. What is 'Common Pool Resources'? Explain the major factors that leads to the deterioration of CPRs in India.
3. Discuss the economics of waste generation with suitable examples in your locality.
4. Write an essay on Environment Policy Instruments to reduce pollution and degradation.

ASSIGNMENT NO.: PGDSS/2022

MSD-015: Institution, Governance and Policies

Course Code: MSD-015
Maximum Marks: 100

Note: This assignment is based on the entire course. Please answer in your own words; do not copy from the course material.
Answer all the questions. All questions carry 25 marks each.

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1. Corruption at different level in India is one of the major barriers in achieving sustainable development. Explain.
2. What are the major Features of Good Governance? Explain.
3. Define Strategic Impact Assessment. How it is different from EIA?
4. Judiciary system plays an important role in environmental conservation in India. Discuss with suitable examples.

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MSD-016: Strategies and Models for Sustainability

Course Code: MSD-016
Maximum Marks: 100

Note: This assignment is based on the entire course. Please answer in your own words; do not copy from the course material.
Answer all the questions. All questions carry 25 marks each.

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1. Discuss the role of traditional cultural landscape management in Sustainable Development.
2. What are Challenges and Opportunities of Value Addition in Indian Food Processing Industry ? How to develop market linkages for agricultural products ?
3. What were drawbacks of Green Revolution? Describe major ecological foundations of Evergreen Revolution.
4. Describe micro-level planning for setting up a Biovillage model. What is role of biocentre in a Biovillage?

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MSD-017: Challenges to Sustainable Development

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Note: This assignment is based on the entire course. Please answer in your own words; do not copy from the course material.
Answer all the questions. All questions carry 25 marks each.

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1. Write an essay on 'impact of climate change on livelihood security in India'.
2. Write an essay on India's Rural Sanitation Programme with special reference to your state or region.
3. Describe the various sources of electronic wastes and the problems associated with their disposal.
4. Discuss the problems and impacts of land degradation in India at different scale.