

**Post Graduate Diploma in Sustainability Science  
(PGDSS)**

**Assignments (ASSIGNMENT NO.: PGDSS/2021)**

**(2021)**



**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 July Session is 30<sup>th</sup> March and for January Session is 30<sup>th</sup> 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

### 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](mailto:pgdss@ignou.ac.in)/[ysckhuman@ignou.ac.in](mailto:ysckhuman@ignou.ac.in)

**ASSIGNMENT NO.: PGDSS/2021**

---

**MSD-011: Sustainability Science**

---

**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.**

---

1. Write a short Essay on “Sustainable Development Goals”.
2. Briefly explain the role of Information and Communication Technology in Environmental Education in India.
3. Explain the concept of Sustainable Livelihood Security with reference to underprivileged Forest community in India.
4. How culture plays an important role in balancing the different pillars of Sustainable development? Explain.

**ASSIGNMENT NO.: PGDSS/2021**

---

**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. Describe the concept of an ecosystem. Write in detail about structure and functions of an ecosystem.
2. Explain the causes and consequences of shrinking agrobiodiversity in India.
3. Define soil fertility. What are the major categories of soil available in India? Briefly explain.
4. What is mineral deposit? Explain the different types and grouping of mineral resources.

**ASSIGNMENT NO.: PGDSS/2021**

---

**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.**

---

1. Discuss the role of NGOs in the institutionalization of environmental movements across the world with suitable examples.
2. Write an essay on man-animal conflict in India.
3. Write an essay on 'Eco-cosmology'.
4. Explain the man-environment interactions from socio cultural point of view?

**ASSIGNMENT NO.: PGDSS/2021**

---

**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 the “Carrying Capacity” concept at different scale with suitable examples.
2. How poverty and environmental degradation are directly link in India? Explain.
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/2021**

---

**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.**

---

1. Write an essay on 'Evolution of Institutions and Institutional change'.
2. What are the major Features of Good Governance? Explain.
3. Define Strategic Impact Assessment. How it is different from EIA?
4. What are the major impacts of globalization in participatory governance in India?

**ASSIGNMENT NO.: PGDSS/2021**

---

**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.**

---

1. What are the major steps for developing a Community Resource Centre in your village/area?
2. Explain the concept and components of India's Smart City project.
3. Try to conceptualize a sustainable livelihood model of traditional mountain farming village. Explain the different components and its linkages.
4. What is Cultural Landscape? Explain with suitable examples in India.

**ASSIGNMENT NO.: PGDSS/2021**

---

**MSD-017: Challenges to Sustainable Development**

---

**Course Code: MSD-017**

**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. Write an essay on 'impact of climate change on livelihood security in India'.
2. Describe the various causes and effects of energy crisis.
3. Describe the various sources of electronic wastes and the problems associated with their disposal.
4. What are the different phases of 'Disaster Management'? Explain.