



Date: 13.04.2020

**Assignments**  
**Third Semester**  
**M.Sc. in Environmental Science**  
**(2018-19 Batch)**

**Instructions:**

- ✘ Attempt all the questions.
- ✘ There are three questions and it will be evaluated for 15 internal assessment marks.
- ✘ Field visit and Field visit report consist of 5 marks in each Course.
- ✘ Write assignment for each course separately.
- ✘ The assignment shall be submitted to the address given below by post or in person on or before 30<sup>th</sup> May, 2020.

**The Chairman**  
**DOS&R in Environmental Science**  
**Karnataka State Open University**  
**Mukthagangotri, Mysore -560 006**

**ES 3.1 Water and Waste water Treatment**

1. Explain the various forms of underground sources of water and their exploitation.
2. Explain the strategies for water treatment methods for rural supplies.
3. Discuss the design concepts of septic tanks with a neat sketch.

**ES 3.2 Applications of Remote sensing & GIS in Environmental Monitoring**

1. Explain the characteristics of Electro-magnetic radiation.
2. Discuss the scanners used in the Remote Sensing.
3. Explain the role of Remote Sensing in Disaster Management with Examples.

**ES 3.3. Environmental Impact Assessment**

1. Discuss the role of vicious circle of environmental poverty.
2. Write short note on 'Guidelines for evaluating typical impacts of land clearance in project area'.
3. What is the EMS audit? Explain its objectives, roles and responsibilities

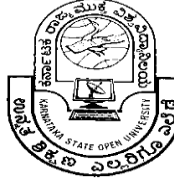
**ES 3.4A Environmental Statistics & Computer Applications**

1. What are the advantages of using Excel to manage the data?
2. What are the advantages and disadvantages of computer usage?
3. What is SPSS? Mention the uses of SPSS software.

**ES 3.4B Occupational Health and Safety**

1. Why do we need an emergency plan in work place? Discuss with an example
2. Describe different accident causation theories
3. How do you classify the fire? What are the methods involved in the prevention of fire?

**KARNATAKA STATE**



**OPEN UNIVERSITY**

**Department of Studies and Research in Environmental Science  
Mukthagangotri, Mysore – 570 006**

**THIRD SEMESTER, M.Sc. Environmental Science**

**(2018-19 Batch)**

**ASSIGNMENT**

**COURSE TITLE:**

<b>Name of the candidate</b>	
<b>Roll Number</b>	
<b>Date of Submission</b>	

**For Office Use only**

<b>Marks Obtained</b>	
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<b>Signature of The Evaluator</b>	
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