**Shyama Prasad Mukherji College**

**EVS Teaching Plan**

**Course and Year: Environmental Science (2022)**

**Semester: 1st**

**Taught individually or shared: Individually**

**Paper: AECC**

**Faculty: Dr. Sonal Bhatnagar**

**No. of Classes** (per week)**: 16**

**Teaching Plan**

**Name of the Unit:**

1. **Unit I: Introduction to Environmental Studies**
2. **Unit II: Ecosystem**
3. **Unit III: Natural Resources: Renewable and Non Renewable**
4. **Unit IV: Biodiversity and Conservation**
5. **Unit V: Environmental Pollution**
6. **Unit VI: Environmental Policies and Practices**
7. **Unit VII: Human Communities and the environment**
8. **Unit VIII: Field Trip**

**References:**

1. Bharucha, E. (2015). *Textbook of Environmental Studies.* Oriental Blackswan Private Limited.
2. Kaushik, A. K. (2016). *Perspective In Environmental Studies.* New Age International (P) Limited Publishers.
3. Sharma, P. (2015). *Ecology and Environment.*

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**No of classes required to complete the unit (approx.):**

1. **Unit I: 2 lectures**
2. **Unit II: 8 lectures**
3. **Unit III: 8 lectures**
4. **Unit IV: 8 lectures**
5. **Unit V: 7 lectures**
6. **Unit VI: 6 lectures**
7. **Unit VII: 6 lectures**
8. **Unit VIII: 5 lectures**

**Sub topics to be covered and their order along with the respective time frames (if any)**

**Methodology of Teaching:**

**Methods of teaching include blackboard teaching, group discussions, power-point presentations, documentary related to the any particular topic.**

**Assessment:**

**Tentative date of assessments/ assignments (time frame):**

1. **Two tests of 10 marks each will be conducted in the month of Dec 2022 and Feb 2023 for half an hour each and the best performance will be counted.**
2. **One field trip will be there for every batch of EVS student from November to March and report on basis of field visit will be collected and will be assessed last date for the submission will be March end 2023.**

**Criteria of Assessment:**

1. **Test: test will be of 10 marks (As per the test score).**
2. **Field trip report will be of 10 marks (content-7marks, pictures-2marks and 1mark for presentation).**

S**ome references used (articles/news/case studies):**

[THE 17 GOALS | Sustainable Development (un.org)](https://sdgs.un.org/goals)

[Forest Man - YouTube](https://www.youtube.com/watch?v=HkZDSqyE1do)

[The Waterman of India - Dr Rajendra Singh | Documentary Film | Decode Mediacom - YouTube](https://www.youtube.com/watch?v=ey7XGdPC2nw)

[Rakesh Khatri- The Nest Man of India - YouTube](https://www.youtube.com/watch?v=hLBN93ZTOYQ)