

REPORT: BOARD OF STUDIES (BoS) MEETING
ENVIRONMENTAL SCIENCE

Date: 21/07/2023

An online and hybrid meeting of Environmental Science Board of Studies was scheduled on Saturday, 15th July, 2023 at 2:00 pm (online) and Wednesday, 19th July 2023 at 11.00 am (hybrid). The agenda was as follows:

Agenda

1. To grant approval of T.Y.B.Sc. Applied Component EVS syllabus
2. To grant approval of M.Sc. EVS part 1 syllabus under autonomy and implementation of NEP 2020 for A.Y. 2023-24
3. Others, if any

1. Dr. Moses Kolet
2. Dr. Sandhya Pawale
3. Dr. Sanjay Joshi
4. Dr. Jyoti Koliyar
5. Dr. Chinmay Khanolkar
6. Mr. Nikhil Teli
7. Mrs. Preeti Amrutkar
8. Mr. Gajanan Patil
9. Ms. Asba Ansari
10. Mrs. Surabhi Walavalkar

Minutes of the Environmental Science BoS meeting held on 15/07/2023 and 19/07/2023

T.Y.B.Sc. Applied Component (EVS)

- Syllabus is revised under Autonomy
- 60-40 pattern is implemented from the academic year 2023-2024
- New topics and practicals are introduced in the syllabus

Semester V and Semester VI:

- New topics and case studies was introduced in all the units of Sem-V and Sem-VI.
- Dr. Sanjay Joshi and Dr. Chinmay Khanolkar suggested to swap of units from Sem-VI to Sem-V and vice versa as per the title of the paper.
- Dr. Chinmay Khanolkar suggested to add Air Pollution Tolerance Index practical in Sem-V and Global Warming Jar Experiment in Sem-VI.

- Dr. Sanjay Joshi suggested to add NAPCC, COP 26 and Paris Agreement in Unit III Sem-VI
- Dr. Jyoti Koliyar gave her valuable inputs in designing course outcome.
- Rearrangement of topics were done in the syllabus.
- All the suggestions and implementation were seconded by all attending members.

M.Sc. Environmental Science (Part-1)

- Syllabus is revised under Autonomy and NEP
- Elective papers in Sem-I and Sem-II is introduced
- New topics and practicals are inculcated in the syllabus

Semester I

- Dr. Sanjay Joshi, Dr. Jyoti Koliyar and Dr. Chinmay Khanolkar suggested to add introduction, types, sources, and uses of natural resources in Unit-I, Paper-1.
- Dr. Sanjay Joshi suggested to add theories of ecological succession and Dr. Chinmay Khanolkar suggested to add phases of biogeochemical cycle in Unit-IV, Paper-2
- Mrs. Surabhi Walavalkar suggested to add Air Quality Index in Unit-I, Paper-3 and Microplastic and Bioplastic in Unit-II, Pollution and Waste Elective Paper.
- Dr. Jyoti Koliyar and other member recommended to add Environmental Acts in units as per the topics prescribed in Sem-I and Sem-II.
- Dr. Sanjay Joshi suggested to add Biomedical Waste in Unit-II, Pollution and Waste Elective Paper.
- All the suggestions and implementation were seconded by all attending members.

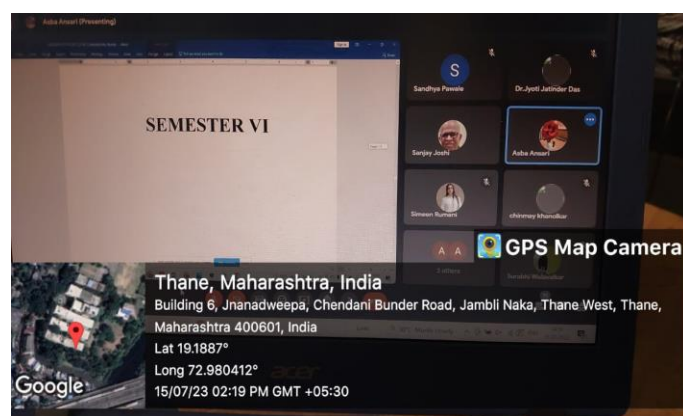
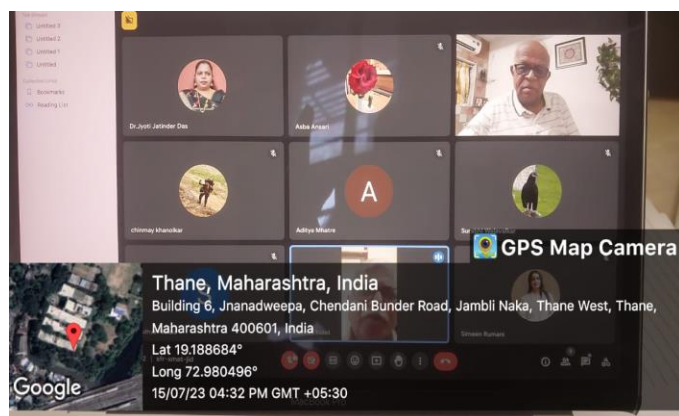
Semester II

- Dr. Chinmay Khanolkar suggested to add EIA process and EIA-Form I and Form I A in Unit-II, GIS based Models in Unit-III and Software's and Satellites in Remote Sensing in Unit-IV, Paper-1.
- Dr. Jyoti Koliyar and Dr. Sanjay Joshi suggested to give equal weightage to primary secondary and tertiary treatment in sewage treatment Unit-I, Paper-2.
- Case study based on Air Pollution was inculcated in Unit-II Paper-2.
- Dr. Chinmay Khanolkar suggested to add Phytoremediation Technology in Unit-IV Paper-2
- It was suggested that relevant laws to be included topic wise from Unit-IV Paper-3 to relevant topics in Sem-V and Sem-VI.
- Dr. Chinmay Khanolkar suggested to add 12 principles of Green Chemistry in Unit-I, Green Technology Elective Paper.
- It was suggested and agreed by all the members that Application of Green technology and Green Chemistry to be placed separately.
- Ms. Asba Ansari suggested topics on Nanotechnology development in India in Environmental Nanotechnology Elective Paper.
- All the topics in each unit were arranged appropriate order.
- Recent and Relevant references to be added.
- All the suggestions and implementation were seconded by all attending members.


 Co-ordinator
 Dr. Sandhya Pawale

Photographs of BoS meeting- Environmental Science

15-07-2023 (Online)



19-07-2023 (Hybrid)

