

# E -sessions

EM2022 – September to November 2022

# E -sessions

| Chapters                                  | Co-ordinators                                     | Dates 7 00 PM                              |
|---|---|--|
| 1. Principles of Environmental Management | 1. Svetiya Nair<br>2. Kaushik<br>3. Tulika Mondal | 16 Sept 2022, 7 00 PM<br>19 September 2022 |
| 2. Policy and legal aspects of EM         | 1. Souroshree<br>2. Ganesh R Shinde               | 22 Sept 2022<br>26 September 2022          |
| 3. EIA                                    | 1. Firoz<br>2. Vinay<br>3. Shyam                  | 30 September 2022<br>3 October 2022        |
| 4. EIA Documentation                      | 1. Maadhmathi<br>2. Channa Bhanu<br>Prakash       | 7 October 2022<br>10 October               |
| 5 Environmental Auidting                  | 1. Binder Singh<br>2. Sriraj Reddy                | 14 October 2022<br>17 October 2022         |
| 6 LCA                                     | 1. Abhishek<br>2. Tushar                          | 21 October 2022<br>24 October 2022         |

| <b>Chapters</b>                        | <b>Co-ordinators</b>               | <b>Dates</b>                         |
|--|------------------------------------|--------------------------------------|
| 7. EMS                                 | 1. Prince<br>2. Dr. Anil           | 28 October 2022<br>1 November 2022   |
| 8. Environmental Management Techniques | 1. Nisith<br>2. Sarita<br>3. Paras | 4 November 2022<br>7 November 2022   |
| 9. Environmental Design                | 1. Samar<br>2. Richa               | 11 November 2022<br>14 November 2022 |
| 10. Environmental Economics            | 1. Parul<br>2. Harsh               | 18 November 2022<br>21 November 2022 |

# Responsibilities of Co-ordinators

- ◆ Initiate and co-ordinate discussion of assigned Chapter section-wise on the specified dates
- ◆ Announce assignment – TEN Objective type questions (Google form/Edutor)
- ◆ Candidates to submit assignments to the respective co-ordinators with cc to [emram.ces@iisc.ac.in](mailto:emram.ces@iisc.ac.in), [sincyv@iisc.ac.in](mailto:sincyv@iisc.ac.in), [asulabhas@iisc.ac.in](mailto:asulabhas@iisc.ac.in)
- ◆ Co-ordinators to evaluate and submit marks (candidate wise) with answer script to [emram.ces@iisc.ac.in](mailto:emram.ces@iisc.ac.in), [sincyv@iisc.ac.in](mailto:sincyv@iisc.ac.in), [asulabhas@iisc.ac.in](mailto:asulabhas@iisc.ac.in)

# Final Sessions

- ◆ Co-ordinators to prepare PPT slides for the assigned chapter (and enrich with case studies)
- ◆ Needs to prepare PPT slides for the complete chapter
- ◆ Co-Ordinator will do the presentation during the final session
- ◆ Marks are assigned based on - Slides design (content), presentation, and response to queries -

# Projects

| Candidate     | Peojects   |
|---------------|--|
| Bhanu Prakash | Energy auditing / Energy trajectory in Telangana                             |
| Richa Priya   | Environmental Flow assessment -River   |
| Samar Singh   | Environment-Friendly Design and Vasthu Principles                            |
| Firoz         | Design of waterfront and environmental norms (coastal zone regulation, etc.) |
| Sriraj        | LCA/Environmental auditing   |
| Abhishek      | Environment-friendly alternatives for sustainable packaging                  |
| Kaushik       | Carbon sequestration potential of wetlands                                   |
| Tushar        | Water quality indices of major rivers in India                               |
| Harsh         | Air pollution status in major cities   |
|               |  |



| Prince     | Valuation of wetlands ecosystem services   |
|------------|--|
| Parul      | Environmental literacy and environmental quality linkages across income categories / sections of a society |
| Sarita     | Environmental Management Book – Gaps and required revisions  |
| Madhumathi | Air quality status across regions in Karnataka   |
| Dr. Anil   | Carbon footprint of wastewater – mismanagement (statewise), India  |
| Sourosree  | Environmental and health implications of microplastics   |
|            |  |

| Candidate           | Project   |
|---------------------|---|
| Ganesh              | Ecologically sensitive regions in Western Ghats regions of Maharashtra                  |
| Binder singh        | Environment Profile of Himachal Pradesh   |
| Vinay M             | Bioremediation option for heavy metal removal   |
| Svetya Nair         | Ecological and environmental status of Coimbatore                                       |
| Shyam               | Ecological and environmental status of Mysore city                                      |
| Paras               | ESR in a landscape impacted with mining   |
| Tulika              | ESR protocol with an example of a district in Western Ghats                             |
| Nisith Kumar Mondal | Environmental quality and health linkages, explain with an example of zoonotic diseases |
|                     |   |

Last date for submission 15<sup>th</sup> November 2022 \_e version of the report to be sent to [emram.ces@iisc.ac.in](mailto:emram.ces@iisc.ac.in)

[sincyv@iisc.ac.in](mailto:sincyv@iisc.ac.in) asulabhas@iisc.ac.in



# Format for Dissertation

Title

Author

Summary

Keywords

Introduction

Literature Review

Objectives

Methods

Study Area

Results

Discussion

Scope for further work

Conclusions

Acknowledgement

## References

Journal Article: **Author/s, year, Title of the article, Journal title, Vol (Issue), Page no's**

Book:

Author/s, year, Title of the book, publisher, place

Vijay Kulakarni and Ramachandra, T.V. 2009, *Environmental Management*, Commonwealth of Learning, Canada and IISc, Printed by TERI Press New Delhi

Note: the report be submitted in e-version as well as one hard copy (no plastics for cover page, etc.)

| <b>Dates</b>                        | <b>TASKS</b>   |
|-------------------------------------|--|
| <b>3-5 December 2022</b>            | <b>Presentation of 10 chapters by participants</b>   |
| <b>6-7 December 2022</b>            | <b>Presentation of Dissertation, Guest lectures</b>  |
| <b>8 December 2022</b>              | <b>Final Exam</b>                                    |
| <b>25<sup>th</sup> January 2023</b> | <b>Announcement of Results</b>                       |
| <b>15<sup>th</sup> March 2023</b>   | <b>Dispatch of graded certificates by CCE office</b> |