

**Green Skill Development, MoEFCC,GOI.**  
**Internet based course on Environment Management 2021 (19<sup>th</sup> Session).**  
**CENTRE FOR CONTINUING EDUCATION, INDIAN INSTITUTE OF SCIENCE, BANGALORE**  
**During 15<sup>th</sup> to 20<sup>th</sup> December 2021) Phone 080-22923099/22933503/23608661**

**Final contact Session -December 2021, Venue: Virtual - ZOOM or Google meet (will send meeting link on 13 Dec 2021) Indian Institute of Science, Class Schedule: 8 30 am to 6 pm (IISc time)**

| Dates                         |          |   |
|-------------------------------|----------|---|
| 15-17<br>2021                 | December | Presentation of 10 chapters by participants   |
| 18-19<br>2021                 | December | Presentation of Dissertation, Guest lectures  |
| 20 December 2021              |          | Final Exam                                    |
| 25 <sup>th</sup> January 2021 |          | Announcement of Results                       |
| 15 <sup>th</sup> March 2021   |          | Dispatch of graded certificates by CCE office |

| Date & Time                   | 8 30-10.30 am  |                      | 11.00 - 1 Noon                                  |                                  | 2 - 4 pm  |                      | 4.30 - 6 30 pm                                | 6.30- 7 15            |
|-------------------------------|--|----------------------|---|----------------------------------|---|----------------------|---|-----------------------|
| 15 Dec 2021                   | <b>Chapter 10</b><br>Avani V Barot<br>Vicky R Agarwal  | <b>T<br/>E<br/>A</b> | <b>Chapter 9</b><br>Aishwarya B.H<br>Nayana P   | <b>L<br/>U<br/>N<br/>C<br/>H</b> | <b>Chapter 8</b><br>Raj Aditya S<br>Jagdeesha Pai B | <b>T<br/>E<br/>A</b> | <b>Chapter 7</b><br>Sandesh BC<br>Aeindri Sen | <b>Expert Lecture</b> |
| <b>CHAIR &amp; CO - CHAIR</b> | Sandesh BC<br>Aeindri Sen                              |                      | BM Prasanna<br>Atanu Ghosh                      |                                  | Manav Baiju Notaria<br>Shampee Chanda               |                      | Raj Aditya S<br>Jagdeesha Pai B               | <b>SG</b>             |
| 16 Dec 2021                   | <b>Chapter 5</b><br>Mahesh Dikshithula<br>Ramesh Satla |                      | <b>Chapter 6</b><br>Uma Rahangdale<br>Revathy V |                                  | <b>Chapter 3</b><br>BM Prasanna<br>Atanu Ghosh      |                      | <b>Chapter 4</b><br>Gajanan Hegde             | <b>Expert Lecture</b> |
| <b>CHAIR &amp; CO - CHAIR</b> | Avani V Barot<br>Vicky R Agarwal                       |                      | Aishwarya B.H<br>Nayana P                       |                                  | Kaiwalya Dani<br>Gajanan Hegde                      |                      | Uma Rahangdale<br>Revathy V                   | <b>DH</b>             |
| 17 Dec 2021                   | <b>Chapter 2</b><br>Manav Baiju Notaria                |                      | <b>Chapter 1</b><br>Kaiwalya Dani               |                                  | <b>Project Presentation</b>                         |                      | <b>Project Presentation</b>                   | <b>EXPERT LECTURE</b> |

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|                               |   |                      |  |                                  |  |   |                        |                       |
|-------------------------------|---|----------------------|--|----------------------------------|--|---|------------------------|-----------------------|
|                               | Shampee Chanda  |                      |  |                                  | Avani V Barot<br>Vicky R Agarwal<br>Aishwarya B.H                                | Raj Aditya S<br>Jagdeesha Pai B<br>Sandesh BC |                        |                       |
| <b>CHAIR &amp; CO - CHAIR</b> | Mahesh Dikshithula<br>Ramesh Satla  |                      | Gajanan Hegde<br>Kaiwalya Dani   |                                  | Raj Aditya S<br>Jagdeesha Pai B  | Mahesh Dikshithula<br>Ramesh Satla            | Uttam<br>Kumar         |                       |
| 18 Dec<br>2021                | <b>Project Presentation</b><br>Mahesh Dikshithula<br>Ramesh Satla         | <b>T<br/>E<br/>A</b> | <b>Project Presentation</b><br>BM Prasanna<br>Atanu Ghosh<br>Kaiwalya Dani | <b>L<br/>U<br/>N<br/>C<br/>H</b> | <b>Project Presentation</b><br>Manav Baiju Notaria<br>Shampee Chanda<br>Nayana P | <b>T<br/>E<br/>A</b>                          | <b>EXPERT LECTURE</b>  | <b>EXPERT LECTURE</b> |
| <b>CHAIR &amp; CO - CHAIR</b> | Sandesh BC<br>Gajanan Hegde   |                      | Aeindri Sen<br>Uma Rahangdale<br>Revathy V                                 |                                  | Kaiwalya Dani<br>Atanu Ghosh<br>BM Prasanna                                      |   | SV, <b>AKS</b>         | RM                    |
| 19 Dec<br>2021                | <b>Project Presentation</b><br>Aeindri Sen<br>Revathy V<br>Uma Rahangdale |                      | <b>EXPERT LECTURE</b><br>Bharath<br>Aithal<br>Vinay S                      |                                  | <b>EXPERT LECTURE</b><br>Bharath Setturu<br>Durga Madhab                         |   | <b>Quiz (projects)</b> |                       |
| <b>CHAIR &amp; CO - CHAIR</b> | Raj Aditya S<br>Jagdeesha Pai B   |                      |  |                                  |  | Jagdeesha Pai B<br>Ramesh Satla               |                        |                       |
| 20 Dec<br>2021                | <b>Interactive Sessions</b>   |                      | <b>Interactive sessions</b>  |                                  | <b>FINAL EXAM (2 30)</b>   |   |                        |                       |

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**to 6 pm)**

**Resource Persons:** Dr. T.V. Ramachandra [TVR] (emram.ces@courses.iisc.ac.in); Bharath Settur [BS] (setturb@iisc.ac.in); Vinay S [VS] (svinay@iisc.ac.in); Sincy V [SV] (sincyv@iisc.ac.in); Asulabha K S [AK] (asulabhas@iisc.ac.in);, Deepthi Hebbale [DH] (deepthih@iisc.ac.in), Saranaya G [SG] (gsaranya@iisc.ac.in), Rajasekara Murthy [RM] ([dakshamurthy@hotmail.com](mailto:dakshamurthy@hotmail.com)): uttam kumar (uttam215@gmail.com)

## EM COURSE 2021 - Dissertation work

- 1. Need to work on the dissertation of the assigned topic (which also involves comprehensive literature review)**
- 2. Submit e-version of the dissertation report on or before 3 Dec 2021**
- 3. Plan presentation of the dissertation -through PPT slides (during the final session in December 2021**
- 4. Submit PPT slides on or before 13 Dec 2021**
- 5. Final session would begin on 3 Dec 2021 (duration 15-20 Dec 2021 and Final exam on 20 Dec 2021)**

| Sl n. | Name & Address  | Qualification              | Projects - topic  |
|-------|---|----------------------------|---|
| 1     | Ramesh Satla<br>Add: Ramesh Satla Manager MM Assam Type QNO C-74<br>ONGC Colony Near KV School Sivasagar Assam-785640     | M.Sc (Geophysics)<br>PGDMM | Environmental auditing of oil and natural gas industry                                      |
| 2     | Sandesh BC<br>Add: #26,7 <sup>th</sup> A cross, 4 <sup>th</sup> main RPC layout, Vijaynagar 2 <sup>nd</sup> stage -560104 | Bachelor of Engineering    | Environmental Management System Standards Including OSH: Evolution, Gaps and likely changes |

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|    |   |                                    |   |
|----|---|------------------------------------|---|
| 3  | Mahesh Dikshithula<br>Add: flat no.401, New anand Apartment ,GH 47, Sector 56, Gurgaon, Haryana   | B. Tech Mechanical                 | Scope for Renewable energy in Telangana State (to meet demand in the electricity, transportation sectors)                   |
| 4  | Kaiwalya Dani<br>Add: Plot no.87 Wardha Road Karve Nagar Khamla   | B. Sc in Botany                    | Ecological status – environmental profile of Nagpur city  |
| 5  | Aeindri Sen<br>Add: 169, NSC Bose Road, Sherwood estate ,Block-H,Flat-2M,Lobby-4,Narendrapur,Kolkata -700103                            | Master of Environmental Management | Chapter wise analyses – Environment Management book (authored by TVR) – gaps and modification / improvements in the content |
| 6  | Raj Aditya S<br>Add: No.1 sollampallam, steel plant Main Rd, Nr MM gas agencies,Salem-636005  | B.E. Civil Engineering             | Sustainable management of building debris / demolition wastes   |
| 7  | Nayana P<br>Add: A-802, Purva midtown, Dooravani Nagar, Bangalore   | B-arch                             | Environment friendly design – Insights from Vastu Principles in Green Design  |
| 8  | Shampee Chanda<br>Add: 2A033,Prestige Ferns Residency Haralur Road, Bangalore -560103   | Graduate in Mass communication     | Environment Literacy in Bangalore   |
| 9  | Atanu Ghosh<br>Add: B-type quarter Nagraj colony Junnardeo  | B. tech civil                      | Environment performance indicators  |
| 10 | Gajanan Hegde<br>Add: Environmental Lab, Indian Institute for Human settlements, Kengeri campus, Bhemanakuppe, Kengeri,Bengaluru-560060 | Master of science                  | Water quality status in waterbodies (Rivers and Lakes) of Karnataka   |
| 11 | Anita Gomez<br>Add: Nest T.C.7/1151 (2) Kottamvila Road, Vattiyoorkavu P.O.Trivandrum-695013  | BSc Physics                        | Developing Carbon accounting App  |
| 12 | BM Prasanna<br>Add: At-Bastibail,PO-Mavingundi,Tq-  | M. Sc Physics                      | Ecological status of sacred groves in Shimogha district   |

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|    |   |  |   |
|----|---|--|---|
|    | Siddapur,UttaraKannada,Karnataka-581355   |  |   |
| 13 | Vicky Ramesh Agarwal<br>Add: Plot No.D1,Shahnurwadi,Aurangabad,Maharashtra-431005   | MBA  | Integrated Solid Waste Management in Aurangabad   |
| 14 | Uma Rahangdale<br>Add: B-48/1, Rajharsh colony, Kolar Road,Bhopal (M.P). 462042   | MBA (Hospital Management), BHMS                            | Biomedical waste Management in Bhopal – Gaps and Challenges   |
| 15 | Revathy V<br>Add: 36A Mandapasalai Road, Kotturpuram, Chennai 20  | ME   | Sustainable Management of wastes in Leather Industries  |
| 16 | Manav Baiju Notaria<br>Add: B/403 Reema Residency Chicuwadi Borivali West, Mumbai 400092.   | Mechanical Engineering                                     | Scope for electrical vehicles in Mumbai   |
| 17 | Avani Vijaybhai Barot<br>Add: OA 302,Parkwest, Binnypete, Bangalore-560023  | Post Graduate Diploma in Business Administration-Marketing | Smart and Sustainable City  |
| 18 | Aishwarya B.H<br>Add: Aishwarya Hiremath<br>D/o Basavantayya Hiremath,Krishna Kunja near Water filer,B.T.Patil Nagar,2 <sup>nd</sup> Cross Koppal | M.Sc Biotechnology   | Natural accounting and valuation of services of estuarine ecosystems in Karnataka                     |
| 19 | Jagdeesha Pai B<br>Add: Department of Civil Engineering ,Manipal Institute of Technology,MAHE,Manipal-576104                                      | B.E. Civil Engineering                                     | Mapping vulnerable zones in the west coast (in the context of land cover dynamics and climate change) |

**Format for Dissertation**

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Title

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Author

Summary

Keywords

Introduction

Literature Review

Objectives

Methods

Study Area

Results

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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

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Note: the report be submitted in e-version and hard copy (only in case you desire to archive in our library - no plastics for cover page, etc.)