



EM 2023 - Course on Environment Management

Dr. T. V. Ramachandra

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Web: <https://wgbis.ces.iisc.ac.in/energy>

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Course: Environmental Management 3+0

Department: **Centre for Continuing Education** (<http://cce.iisc.ernet.in>)

September to December 2023

Course URL (E Sessions): https://wgbis.ces.iisc.ac.in/EM_Course

(will work from 10th August 2023)

Course Details (Announcement, etc.)

https://wgbis.ces.iisc.ac.in/energy/distance_education_courses/internet-course-2023/

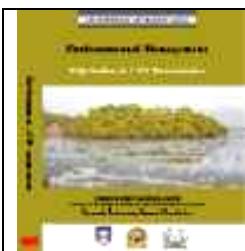
Co-coordinator: Dr. T.V.Ramachandra [emram.ces@iisc.ernet.in]

Tel: 91-080-2293 3099/2293 3503/23608661

Reference Book:

Environment Management, Commonwealth of Learning, Canada and Indian Institute of Science, Bangalore, Printed by TERI Press, New Delhi

Please read first 5 chapters (for presentations and mid term exam). Chapters are available at E session portal https://wgbis.ces.iisc.ac.in/EM_Course



Author: Vijay Kulkarni and T V Ramachandra

Year:2009 , Size: 18.4 x 24 cm;375pp;(Hardbound)

Language:English, ISBN: 978-81-7993-184-4

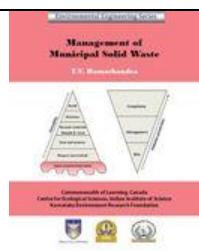
Cover price:Rs 550.00 / US \$112.00

Special price:Rs 495.00 / US \$101.00

Available on line:

http://bookstore.teriin.org/book_inside.php?material_id=557

Please procure this publication quickly. The chapters are in self-learning format and go through first five chapters (mid term exam is based on the first five chapters of this book)



Ramachandra T.V., 2006. **Management of Municipal Solid Waste**, Commonwealth Of Learning, Canada and Indian Institute of Science, Bangalore, Printed by TERI Press, New Delhi.

Important Dates

Contact Session	1-6 September 2023 (8 30 am to 6 30 pm)
Midterm exam	4th Sept 2023 (2-5.30 pm)
Internet sessions	September and November 2023
Final Contact session**	1-6 December 2023*
Final Exam	4 December 2023 (2 – 5.30 pm)
Project - exam	6 December 2023 (2 – 5 30 pm)

*schedule will be finalized in consultation with all participants (during September 2023 session); **during December (1-6th) 2023.

Course Announcement & updates/details:

<http://wgbis.ces.iisc.ac.in>

https://wgbis.ces.iisc.ac.in/energy/distance_education_courses/internet-course-2023/

Course Schedule:

Venue: CCE Seminar Hall (next to NESARA and closer to Hoysala House), Indian Institute of Science

Registration: 1st September 2023, 8 30 am

Class Schedule: 8 30 am to 6 30 pm (may go beyond depending on the session)

1-6th September 2023 4 th September 2023	First contact Session, Mid term Exam
September to November 2023	E-learning: Chat session, E mail, Interaction through discussion via E mail
1-6th December 2023*	Final Contact session: Presentation of 10 units by participants (1-6th December 2023) Final Examination (4th December 2023) Project-Examination (6 December 2023)

*Schedule will be finalized in consultation with all participants (during September 2023 session).

E. Tutors:

	E Mail	Role
Dr. T. V. Ramachandra	emram.ces@courses.iisc.ac.in	Co-ordinator
Asulabha K S	asulabhas@iisc.ac.in	Subject Experts
Bharath H Aithal	bharath@ces.iisc.ernet.in	
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Durga Madhab Mahapatra	Durgamadhab.mahapatra@gmail.com	

Internet Course:

Environment Management (3:0), Sept - Dec 2023

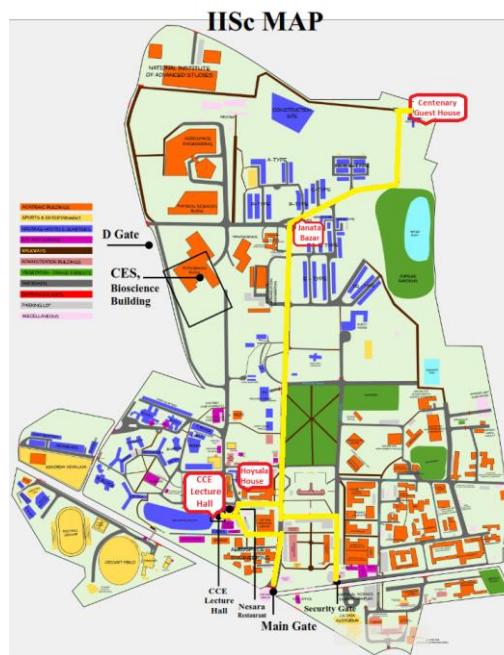
Programme Outline

1. **First Contact Session** : First week of September 2023 (1-6th Sept 2023), Topics Covered: All ten chapters, Guest lectures – Urban solid waste management, Processing techniques, aquatic ecosystems monitoring – diatoms, economic valuation, landscape ecology, unplanned urbanization and consequences on the local environment, Mid term exam (4 September 2023)

PLEASE READ FIRST FIVE CHAPTERS – EXAMINATION WILL BE BASED ON 5 CHAPTERS AND THE SESSION WILL BE INTERACTIVE SESSIONS

2. **Accommodation:** All outstation participants will be accommodated at **Hoysala House, IISc Campus** (in case outstation participants who has not indicated in the application but require accommodation, need to inform us (emram.ces@iisc.ac.in)

<https://wgbis.ces.iisc.ac.in/em21static/img/route.png>



3. **Internet Session:** Discussion of 10 chapters through Chat session moderated by respective participants

Dates will be finalized during the first contact session

Dates, time (7.30-8.30 pm, 1930 – 2030 hrs)	Chapters	Moderator I	Moderator II

4. **Assignments:** At the end of each chat session, an assignment would be announced to be submitted as email attachment within a week (From the announcement date).
5. **Tests:** Quiz with random questions would be arranged once we complete significant number of chapters (after 4/5 chapters)
6. **Projects** (Titles will be finalized during the midterm contact session)

Candidate	Dissertation title

Last date for submission 10th November 2023

Format for Dissertation

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.)

Final contact Session –December 2023

Venue: CCE Lecture Hall

Indian Institute of Science

Class Schedule: 8 30 am to 6 pm (IISc time)

Dates	
1-3 December 2023	Presentation of 10 chapters by participants
4-6 December 2023	Presentation of Dissertation, Guest lectures
4 December 2023	Final Exam
6 Decemr 2023	Project Exam
25 th January 2023	Announcement of Results
15 th March 2023	Dispatch of graded certificates by our office

Contact person: @cce

(22932247/2055)

office.cce@iisc.ac.in

Hoysala Guest House – 22933535

Hoysala House - [Route Map](#)

Behind Physics Department, IISc Campus, Bangalore-12 (Phone: 080 - 22932535)

Centenary House - [Route Map](#)

Near Ramaih Hospital, IISc , Bangalore (Phone: 080 22933500 / 22932100)

Details for Session

Food availability in the campus; NESARA restaurant or at SARVAM COMPLEX

Mobile IDC Kitchen (7 am to 7 pm) near TATA Book house/IISc Security office

Administration: CCE Office (opposite to IISc Security office/ ATM's of SBI and Canara Bank)

Breakfast and Dinner are available (on payment) closer to Hoysala House (Nesara/Kabini Restaurant). Those opted for HOYSALA house can go to NESARA restaurant (food on payment), which is located within 100 m from the guest house.

Breakfast and Dinner (on request and payment) are available at Centenary Visitors Guesthouse (CVH), where all outstation participants (who have asked for accommodation) have been accommodated. Details at

<https://wgbis.ces.iisc.ac.in/em21static/img/route.png>

General Info - How to reach IISc

<https://wgbis.ces.iisc.ernet.in/energy/lake2010/information.htm>

<http://cce.iisc.ernet.in/hh.html>

How to reach IISc from the Airport/Railway station /Majestic?

Bangalore is connected by air, rail and road to all the metropolises and most major cities of the country. Also, one can fly direct to Bangalore from several international airports

IISc is about 35kms from the airport. One could take either a prepaid taxi (currently, costs Rs. 900-1200, and the counter is available near the exit of the Airport arrival gate), or a city taxi (costs about Rs. 600, and a queue for the same is just outside the airport building). The Institute is known as "Tata Institute" to the locals and is just past Mekhri

circle and on the way to Yeshwantpura (one must take a right turn at Mekhri circle). [Shuttle bus service](#), operated by Bangalore Metropolitan Transport Corporation (BMTC), runs from the airport to various areas in Bangalore city every 15 minutes. Details of the schedule can be found [here](#). Additional information on the airport can also be found at its official website: (<http://www.bengaluruairport.com/>)

The city railway station is about 7 kms from IISc campus. One will have to get out of the station from platform number ONE and reach the prepaid taxi stand and hire a city taxi (costs about Rs 150). Majestic (7kms from IISc) is the central Bus stand in Bangalore which is just opposite to the City Railway station. If one happens to reach Majestic, Bangalore by bus, reach platform number 22 from where almost all buses come to the Institute. If one plans to take a bus into town, one will have to move past Malleswaram 18th cross bus stand towards Yeshwantpura in order to reach IISc (also popularly called Tata Institute). There is also a bus stop on the highway between the yellow over bridge and Prof. CNR Rao circle, and another one at Prof. CNR Rao circle (on Sir CV Raman Road). Finally there is a bus stop at Yeshwantpura tollgate, just off campus near R block. Most buses go to one of these places.

>> [Click here](#) to view the route map

Take assistance from [Google map](#) <http://earth.google.com>