



**Dr. T. V. Ramachandra**

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**Indian Institute of Science**, Bangalore 560012

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<http://wgbis.ces.iisc.ernet.in/biodiversity>

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Phone: 91-080-22933099/22933503 extn 107

**Course: Environmental Management 3+0**

Department: **Centre for Continuing Education** (<http://cce.iisc.ernet.in>)  
August to December 2014

**Course URL: <http://wgbis.ces.iisc.ernet.in/em2014>**

**Course Details (Announcement, etc.)**

[http://wgbis.ces.iisc.ernet.in/energy/distance\\_education\\_courses/internet\\_course\\_2014/index.htm](http://wgbis.ces.iisc.ernet.in/energy/distance_education_courses/internet_course_2014/index.htm)

Co-coordinator: Dr. T.V.Ramachandra [[ram@ces.iisc.ernet.in](mailto:ram@ces.iisc.ernet.in)]

Administration: 2293 2247/22932491 (Ms.Vatsala,  
Email: [vatsala@cce.iisc.ernet.in](mailto:vatsala@cce.iisc.ernet.in))

**Reference Book:**

Vijay Kulkarni and Ramachandra T.V., 2009. Environmental Management, Commonwealth Of Learning, Canada and Indian Institute of Science, Bangalore, Printed by TERI Press, New Delhi.



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

**Please procure this publication quickly.** The chapters are in self-learning format.

## Important Dates

Contact Session	3-7 <sup>th</sup> September 2014
Midterm exam	7 <sup>th</sup> Sept 2014
Internet sessions	October and November 2014
Final Contact session	December 2014
Final Exam	

Course Announcement: <http://wgbis.ces.iisc.ernet.in/energy>

## Course Schedule:

**Venue: L 10 Lecture Hall Complex, Centre for Continuing Education  
Indian Institute of Science  
Registration: 3<sup>rd</sup> September 2014, 8 30 am**

**Class Schedule: 9 am to 6 pm**

3-7 <sup>th</sup> September 2014	<b>First contact Session,</b> Mid-term Exam
October to November 2014	<b>E-learning:</b> Chat session, E mail, Interaction through discussion via E mail
December 2014	Final Contact session: Presentation of 10 units by participants (Dec 2014), Project presentation by participants (Dec 2014), Final Examination (Dec 2014)

## E. Tutors:

E Mail

Role

Internet – chat session, etc.

Dr. T. V. Ramachandra	ram@ces.iisc.ernet.in	Co-ordinator
Durga Madhab Mahapatra	durgamadhab@ces.iisc.ernet.in	Subject Expert
Dr. Uttam Kumar	uttam@ces.iisc.ernet.in	Subject Expert
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Sudarshan P. Bhat Vatsala	sudarshan@ces.iisc.ernet.in vatsala@cce.iisc.ernet.in office@cce.iisc.ernet.in	Subject Expert Administration

## Internet Course:

### Environment Management (3:0), Aug - Dec 2014

#### Programme Outline

1. **First Contact Session** : August / First week of September 2014, 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 (August/September 2014)

2. **Accommodation:** All outstation participants will be accommodated at Hoysala Guest House, IISc Campus (in case outstation who has not indicated in the application but require accommodation need to inform Ms.Vatsala – [vatsala@cce.iisc.ernet.in](mailto:vatsala@cce.iisc.ernet.in) with CC to [ram@ces.iisc.ernet.in](mailto:ram@ces.iisc.ernet.in)

(Phone: 080 2292535 / 22932247)

#### Gates closer to Hoysala Guest House:

(You may enter from the Main gate or D – Gate (Mathikere road)

(CCE Lecture Hall is about 5 minutes' walk from Hoysala Guest house)

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

#### Dates will be finalised 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).

6. **Projects** (Titles will be finalized during the midterm contact session)

[illegible]

**Last date for submission 1<sup>st</sup> Dec 2014**

## 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 2014

Venue: L 10 Lecture Hall Complex, Centre for Continuing Education

Indian Institute of Science

Class Schedule: 9 am to 6 pm (IISc time)

Dates	
Dec 2014	Presentation of 10 chapters by participants
Dec 2014	Presentation of Dissertation, Guest lectures
Dec 2014	Final Exam
25 <sup>th</sup> Jan 2015	Announcement of Results
25 <sup>th</sup> Feb 2015	Dispatch of graded certificates by CCE office

**Contact person: For certificate, Accommodation**

Ms.Vatsala (22932247) [yatsala@cce.iisc.ernet.in](mailto:yatsala@cce.iisc.ernet.in),  
[office@cce.iisc.erner.in](mailto:office@cce.iisc.erner.in)

Hoysala Guest House - 22933535

## Accommodation arrangements:

At Hoysala House Phone number 22932535

**Hoysala Guest House - Behind Physics Department, Opposite to NMR centre, (closer to Canara Bank) IISc Campus, Bangalore-12 (Phone 22932535)**

Route Map

[http://wgbis.ces.iisc.ernet.in/energy/lake2010/Hoysala%20GH\\_map.JPG](http://wgbis.ces.iisc.ernet.in/energy/lake2010/Hoysala%20GH_map.JPG)

**Food availability** in the campus

Closer to Hoysala House Hotel/Restaurant – **NESARA Restaurant** (8 am to 9 30pm),  
Kabini Canteen (8 am to 9 30 pm)

Closer to CCE Lecture Hall – **Prakruthi Canteen** (7 am to 10 pm)

## General Info - How to reach IISc

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

[http://www.iisc.ernet.in/content\\_geninfohowtoreach.html](http://www.iisc.ernet.in/content_geninfohowtoreach.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. 750, and the counter is available near the exit of the Airport Building), or a city taxi (costs about Rs. 500, 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](#)