

As Per Revised Syllabus w.e.f. June 2014

F.Y.B.M.S. : Semester - II

# Environmental Management

*Chakraborti*



Dixit Rd., Vile Parle (E),  
Mumbai - 400 057



**MANAN PRAKASHAN**

# Environmental Management

**F.Y.B.M.S. : SEMESTER - II**

**Revised As Per the New Syllabus w.e.f. June 2014**

2014-15

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# Syllabus



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## Unit I : Environmental Concepts

Environment: Definition and composition, Lithosphere, Atmosphere, Hydrosphere, Biosphere

Biogeochemical Cycles - Concept and Water Cycle.

Ecosystem & Ecology: Food Chain, Food Web and Energy Flow Pyramid.

Resources : Meaning, Classification (Renewable & non-renewable), Types and Exploitation of Natural Resources in sustainable manner.

(12 Lec.)

## Unit II : Environment Degradation

Degradation - Meaning and Causes, Degradation of Land, Forest and Agricultural Land and its remedies.

Pollution - Meaning, Types, Causes and Remedies (land, air, water and others)

Global Warming : Meaning, Causes and Effects.

Disaster Management : Meaning, Disaster Management Cycle.

Waste Management : Definition and Types - Solid Waste Management, Anthropogenic Waste, e-waste & Biomedical Waste (consumerism as a cause of waste)

(13 Lec.)

## Unit III : Sustainability and Role of Business

Sustainability : Definition, Importance and Environment Conservation.

Environmental clearance for establishing and operating Industries in India.

EIA, Environmental auditing, ISO 14001

Salient Features of Water Act, Air Act and Wildlife Protection Act.

Carbon Bank & Kyoto Protocol.

(13 Lec.)

## Unit IV : Innovations in Business - An Environmental Perspective (12 Lec.)

Non-Conventional Energy Sources - Wind, Bio-fuel, Solar, Tidal and Nuclear Energy.

Innovative Business Models : Eco-tourism, Green Marketing, Organic Farming, Eco-friendly Packaging, Waste Management projects for profits, other business projects for greener future.

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## Our Enriched Publications For FYBMS

### Semester - I

- Introduction to Financial Accounts**  
Dr. Varsha M. Ainapure
- Principles of Management**  
Michael Vaz, Meeta Seta
- Business Law**  
Lata Nagarkar
- Business Statistics**  
Welling, Saraph
- Business Communication**  
Neeta Chakravarty

### Semester - II

- Introduction to Cost Accounting**  
Dr. Varsha M. Ainapure
- Business Mathematics**  
P. M. Saraph
- Environment Management**  
Chandana Chakraborti
- Managerial Economics**  
Mascarenhas, Johnson



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