

SYLLABUS

Certificate Course in Green Business Opportunities

Coordinator: Prof. Benaifer D. Dumasia

Credit: 02

Duration: 30 hours

A short-term course on Green Business Opportunities for under graduate students. The course will give understanding of various opportunities available for green business in India.

Course Outcome:

1. Knowledge of India's green business ecosystem & government support
2. Identification of profitable sustainable business model
3. Knowledge of procuring finance and implementation of green business idea.

Unit-1 Introduction to Green Business

(25%)

- What is a green business
- Importance of sustainability in modern business
- Global vs. Indian green business trends
- **Key Sectors for Green Business in India**
- Renewable energy (solar, wind, biofuels)
- Waste management & recycling
- Sustainable agriculture & organic farming
- Green construction & eco-friendly materials

Unit-2 Government Policies & Financial Incentives

(25%)

- National Green Tribunal (NGT) & environmental regulations
- Renewable Energy Policies (FAME, PM-KUSUM)
- Tax benefits, subsidies, and grants for green businesses

Unit-3 Profitable Green Business Opportunities in India

(25%)

- **Renewable Energy & Clean Technology**
- Solar panel installation & maintenance business
- Biofuel & biogas production
- Energy-efficient technology and smart grids
- **Sustainable Agriculture & Organic Products**
- Organic farming & certification processes
- Hydroponics, aquaponics & vertical farming
- Eco-friendly fertilizers & biopesticides
- **Green Construction & Eco-Friendly Products**
- Sustainable housing and eco-friendly building materials
- Rainwater harvesting & water conservation
- Bamboo & recycled wood furniture
- **Business Models in Waste Management**
- Plastic waste recycling & upcycling

- E-waste management & refurbishment
- Composting & organic waste management
- **Sustainable Packaging & Alternatives to Plastic**
- Biodegradable & compostable packaging
- Paper, bamboo, and plant-based packaging materials
- Government policies on single-use plastic bans

Unit-4 Funding & Investment Opportunities (5 Hours)

(25%)

- Green bonds, ESG investing & venture capital
- Carbon credits & carbon trading in India
- Government grants & crowdfunding options

References:

1. Sukhdev, P. (2012). *Corporation 2020: Transforming Business for Tomorrow's World* (1st ed.). Island Press.
2. Darwin, S., & Bhardwaj, Y. (2021). *Resetting the Jewel in the Crown: A Roadmap for Rebuilding India*. Peaceful Evolution Publishing.
3. Darwin, S., Fischer, W., & Chesbrough, H. (2020). *How to Create Smart Villages: Open Innovation Solutions for Emerging Markets*. Peaceful Evolution Publishing.
4. Darwin, S. (2020). *How to Think like the CEO of the Planet: Restoring the Declining Balance Sheet of the Earth*. Peaceful Evolution Publishing.
5. Institute for Studies in Industrial Development. (2024). *India Industrial Development Report 2024-25*. ISID Publications.