



# NET ZERO CARBON

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***GATEWAY TO GREEN CREDITS AND CARBON CREDITS***

***An initiative by  
NORMI Research Foundation***

# NORMI RESEARCH FOUNDATION

NORMI Research Foundation, a non-governmental trust registered with NGO DARPAN, is dedicated to enhancing sustainability, combating climate change, and promoting social well-being.

The NORMI Research Foundation aims to pioneer global education, training, and research in odour, Green credit and carbon footprint management.

In addition to advanced research and public awareness campaigns, the NORMI Research Foundation will emphasize SDG targets for 2030, with a focus on offering solutions for odour and carbon mitigation.

Our faculty members offer high-quality, cost-effective educational experiences including case studies and practical training for the Net Zero Carbon industrial-based learning program.

These specialized training modules are well crafted by renowned sustainability practitioners from Tata, IIT, CDAC, NEERI, Steel Authority, Petroleum, Mining, and Cement Industries.





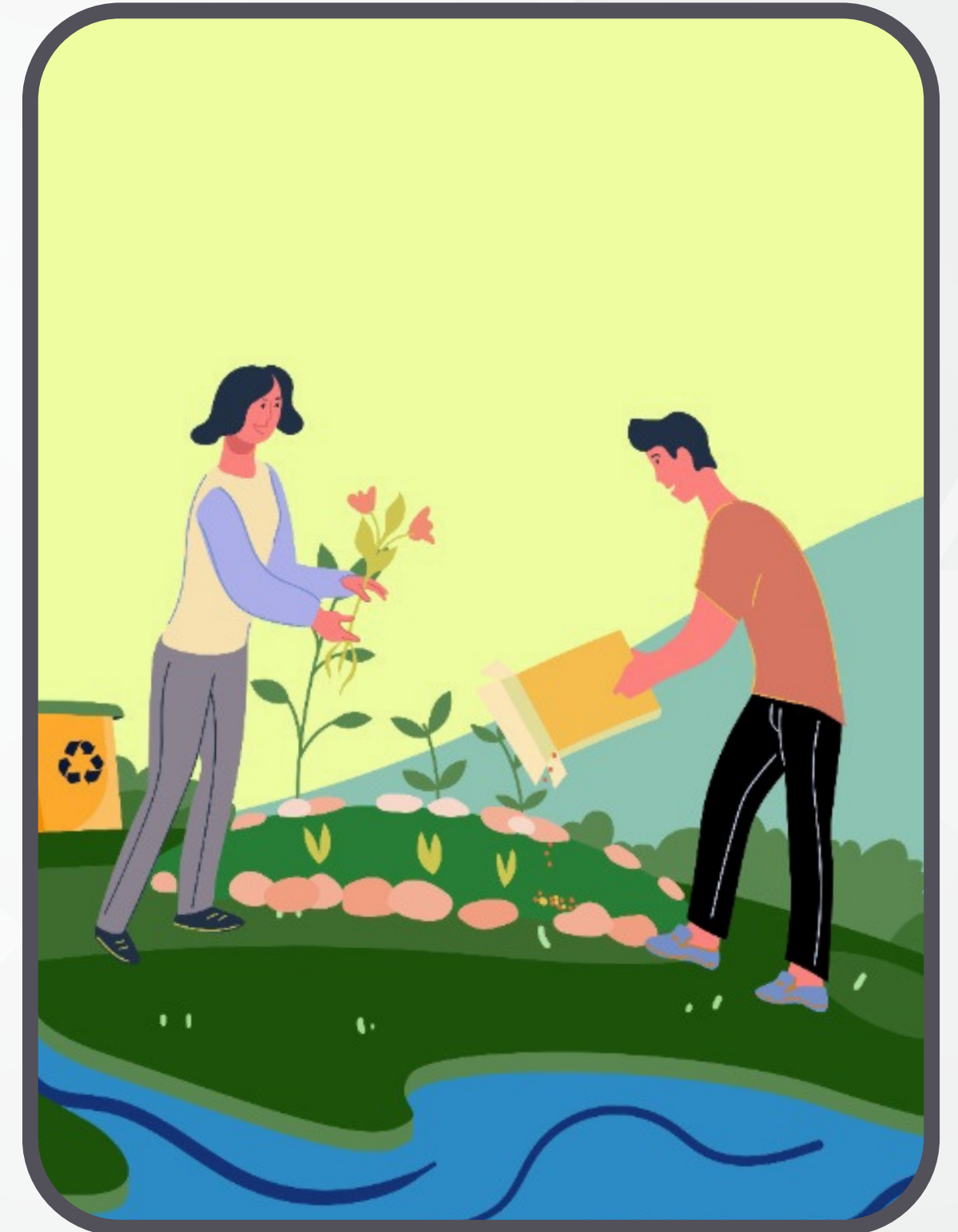
# WHY NET ZERO CARBON ?

Today climate change is the most pressing issue impacting every individual and organisation. Policy-makers around the globe are working tirelessly to preserve the environment and tackle global warming.

The most significant outcome of the same is India announcing the goal of achieving **Net Zero Carbon Emission by 2070**, under the Paris Agreement.

In addition to this there is a definite target to **reduce emission intensity of GDP by 45% below 2005 levels by the year 2030**.

However, India has **less than 2000 projects** registered for Carbon Neutrality out of which **80% are Energy Focused**. This is why we bring to you the **future of Industrialisation and Green Development**.



# WAY FORWARD

Paving way to the ambitious goals, the Government of India passed a notification introducing the **Green Credit Program** (CG-DL-E-13102023-249377- dated 12th October 2023).

This notification is the first step into the future of **Sustainability and Environment Management** with incentives on the **green development activities** undertaken by any organisation.

Alongwith this, the **Ministry of Environment, Forest and Climate Change (MOEF&CC)**, has issued a Draft **Environment Audit Notification** (CG-DL-E-02022024-251722- dated 24th January 2024).

This notification emphasises enabling an ecosystem for implementing government's vision on **Environment, Social and Governance (ESG)**, **Sovereign Green Bond and Climate Trading**.





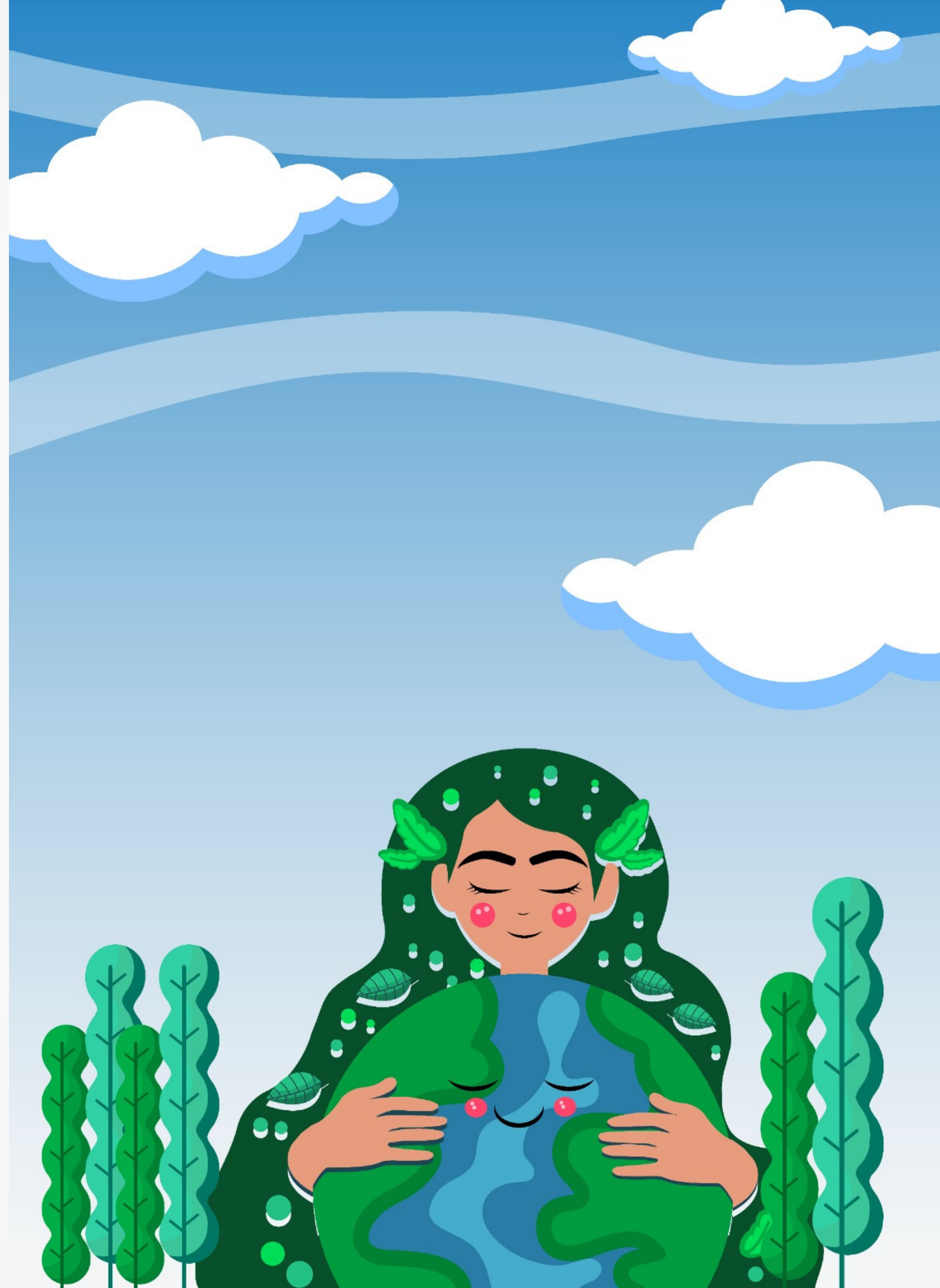
# OUR VISION

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The future lies in the arms of **Green Credits, Carbon Credits and ESG**.

This course brings together a renowned group of **industry experts**, with **sector-specific case studies**, in an endeavour to equip stakeholders for the fast-moving **government mandates and policies**.

Anyone coming from a STEM Background can benefit from this course.



## **AT A GLANCE**

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**Learn And Interact With Highly Experienced Industry Experts**

**Enhance Learning With Meticulously Designed Course Structure And Study Material**

**Get First Hand Knowledge Through Industry Case Studies**

**Get Training With Certification For An Exponential Career Growth**

**Go Hand-in-Hand With Government Mandates**

**Make A Difference Towards Climate Change**

# COURSE OBJECTIVES

- Understand the science, practicalities and impact of carbon emissions on climate change.
- Explore strategies and technologies for reducing carbon emissions.
- Analyse policy frameworks and international agreements related to net zero goals.
- Learn to earn **Green Credits for Tree Plantation, Water, Air & Waste Management and Green Development.**
- Learning methodologies for **Green Credits, Carbon footprints and Carbon credits.**





# COURSE LAYOUT

## MODULE 1

**Introduction to carbon management,  
Net Zero and Decarbonisation**

## MODULE 2

**National and International  
policies and regulations**

## MODULE 3

**Carbon Efficiency**

## MODULE 4

**CARBON OFFSET: procedure  
and protocol**





# COURSE LAYOUT

## MODULE 5

**Technical innovations in  
carbon reductions and best  
practices**

## MODULE 6

**Green Credit and Eco Labelling  
scheme of MOEF&CC**

## MODULE 7

**Developing a Net Zero Plan**



# POTENTIAL PERQUISITES

- Gain expertise in the structuring of BRSR Reports.
- Gain the skills to get a step closer to the Net Zero Emission Goals.
- Gain understanding to develop better mechanisms for Carbon Credit and Green Credit Projects.
- Gain knowledge and expertise for continual research.
- Gain eligibility to become Environmental Auditor under Draft Environmental Audit Notification of MOEFCC.







# FACULTY PROFILE

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**NET ZERO CARBON: *GATEWAY TO GREEN CREDITS*  
*AND CARBON CREDITS***

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## DR. C.S. DUBEY

- Executive Director, NORMI Research Foundation
- Former Vice Chancellor, K.R. Mangalam University, Gurgaon, Haryana
- Professor Emeritus, Sri Sri University, Cuttack, Odisha
- Former Vice Chancellor, Sanskriti University
- Former Director, Institute of Lifelong Learning and Campus of Open Learning, Delhi University
- National Expert Member for EAC for Industrial Projects (metallurgy)
- Member, High Powered Distance Education Council (HPDEC)- UGC Ambassador for Advocacy for OER, ICDE Norway
- Ex-Chairman, Governing Board, School of Open Learning
- Retired Professor & HOD Centre for Advanced Studies, Department of Geology, University of Delhi



## DR. AJAY DESHPANDE

- Adjunct Professor at the Ashank Desai Centre for Policy Studies, Indian Institute of Technology, Bombay.
- Served as the Expert Member, National Green Tribunal (March 2013 to July 2017).
- Part-time member of the Compliance Review Panel of Asian Development Bank, Manila .
- Worked in several senior positions in Maharashtra Pollution Control Board and Maharashtra State Road Development Corporation.
- Worked as Environmental Specialist at Water and Power Consultancy Services (I) Ltd (WAPCOS) at New Delhi from 1992-1997.
- Former Chairman of the committee which was constituted under orders of NGT for Monitoring the compliance of HW regulations in the country.



## MR. S.K. PATI

- Consulting Environmentalist and Advisor- Energy Transition, Decarbonisation and Sustainability
- SME Consultant at E&Y
- Formerly Member on the Board of Directors of Bhubaneswar Power Private limited
- Former Consultant Tata Consulting Engineers
- Former Chief Environment Manager (India & South East Asia) at Tata Steel for 37 years



## MR. PRASHANT KOKIL

- Head, Corporate Environment and Climate Change, The Tata Power Company Ltd.
- Chief Sustainability Officer (CSO), Mumbai, the Tata Power Company Ltd.
- Internal Trainer for Sustainability, CSR and Environment for Tata Power.
- Associated with Mumbai University's Garware Institute of Career Education & Development (GICED), as Visiting Faculty for Masters in Sustainable Development and Environment Management.
- Visiting assessor at SP Jain Institute of Management and Research (SPJIMR) for CSR activities.
- Developed projects under Clean Development Mechanism (CDM) for Tata Power.
- Managed climate change impacts, including carbon pricing, CER certification, and trading.





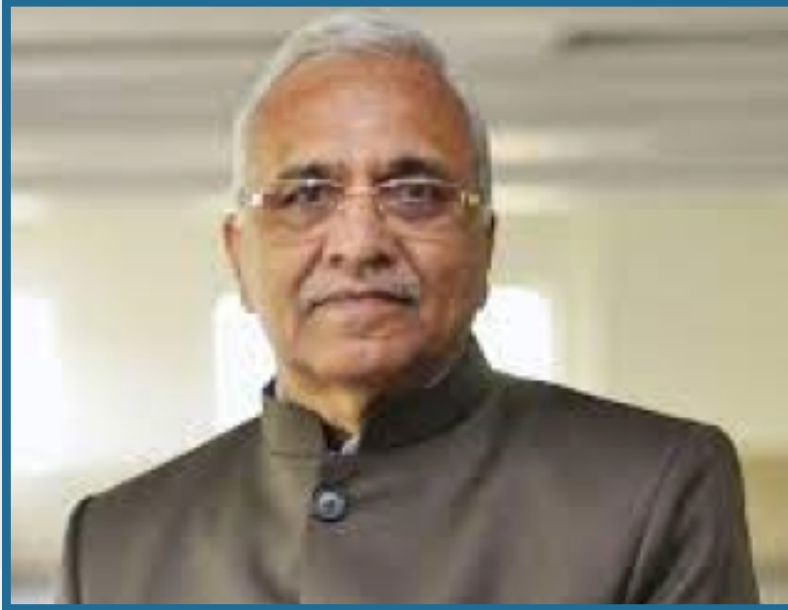
## **DR. NANDINI N.**

- Professor(Rtd.) and Principal Investigator in the Department of Environmental Science, Bangalore University, Bengaluru
- Chairperson, Committee (Environmental Science) constituted by Government of Karnataka for Implementation of National Education Policy (NEP-2020).
- Member of EAC, Thermal and Coal Mining Project, (MoEF&CC), Government of India.
- Member for Laboratory Committee Karnataka State Pollution Control Board, Government of Karnataka
- Principal Investigator for National Air Quality Monitoring Programme (NAMP), Central Pollution Control Board (CPCB) and Karnataka State Pollution Control Board (KSPCB).
- Principal Investigator for Environmental Monitoring of Ambient Air Quality, Ground Water Quality and Noise Level at Six Reaches of Bengaluru Metro Phase – II for Bangalore Metro Rail Corporation Limited (BMRCL).



## **DR. AJAY GARG**

- Served as Director on the Board of Corporation Bank (2008-2011)
- Fellow Member of ICSI and ICA (Indian Council of Arbitration), IBBI Registered Valuer, Registered IPR Attorney, Qualified Insolvency Professional, Qualified Independent Director and Doctorate in Commerce
- Mentor of Startup India portal and 56 startups are under his mentorship
- Corporate Lawyer and Registered Valuer at AGB & Partners.
- Diversified Professional, Effective Speaker, Technical Author - Writer and Social Entrepreneur with total corporate experience of 35 years.



## DR. GIRDHAR GYANI

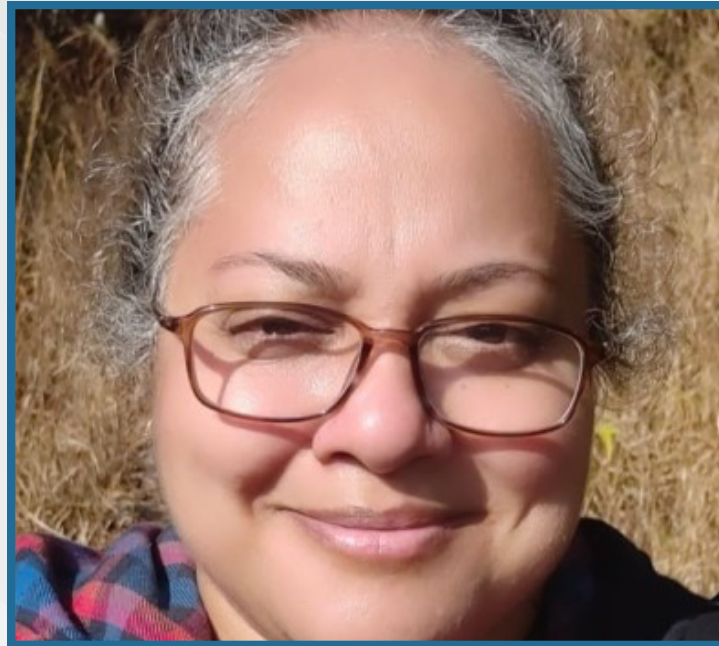
- President, NORMI Research Foundation
- Director General, Association of Healthcare Providers India (AHPI)
- Doctorate and Expert in Quality Management Systems
- Recognised as founder of Healthcare Quality in India.
- Former CEO and Establisher of National Accreditation Structure (NABH) for Healthcare
- Secretary General, Quality Council of India (QCI) (2003-2012)
- Elected Director on board of International Society for Quality in Health care (2009-2014)
- Rich experience in R&D and quality management.



## MR. SOMNATH MUKHERJEE

- Former Chief, Centre for Environment at WAPCOS
- Former Senior Vice President at IL&FS Ecosmart Ltd.
- Former Executive Director-Environment at AECOM India Pvt. Ltd.
- Member of Technology Evaluation Panel, Georgia Institute of Technology, USA (1996-2000)
- Former Member of Bureau of Indian Standards, for river valley projects and water quality
- Member of Technical Committee of National Accreditation Board for Education and Training NABET, (Quality Council of India)
- Visiting Faculty for Environmental Engineering at Indian Institute of Technology, (IIT) Delhi.
- Invited by UN as a Water Resource and Environment Expert on Bhutan.
- Project director for Environmental Information Centre, a project implemented by Ministry of Environment and Forests, GOI and funded by the World Bank





## **DR. SUNAYANA SARKAR**

### **COURSE COORDINATOR**

- Assistant Professor, Civil Engineering Department, NMIMS Mumbai
- 17 years of experience as Academician - Structural Geology, Geospatial Studies, Geo-diversity, Geo-heritage, geo-conservation
- Former Assistant Professor, Civil Engineering Department, Rizvi College of Engineering Mumbai
- Former Assistant Professor, Civil Engineering Department, Sardar Patel College of Engineering Mumbai
- Former Assistant Professor, Department of Geology, St. Xaviers College Mumbai



## **MS. GAURI AGLAVE**

### **PROJECT COORDINATOR**

- Manager ( Environment ), NORMI Research Foundation
- Former Assistant Professor, Civil Engineering Department, K.R. Mangalam University Gurugram
- Former Assistant Professor, Civil Engineering Department, Kamrah Institute of Information & Technology (KIIT) Gurugram
- Former Assistant Professor, Vishwakarma Institute of Information Technology Pune



# CONTACT US

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