

Dr. Kumar, M.

Assistant Professor

PG Coordinator - M. Sc. Environmental Science and Sustainability

Department of Environmental Science, St Joseph's University, Bengaluru

Functional Area Expert – Ecology & Biodiversity (Category-A Projects) and Soil Conservation (Category-B Projects), National Accreditation Board for Education and Training (NABET), Quality Control of India (QCI).

Dr. Kumar, GHG Inventory Specialist and ESG Consultant with 15 years of experience in teaching, research and driving sustainable practices. He has in-depth expertise in carbon accounting, ESG reporting, supply chain management, biodiversity assessment, water neutrality studies, carbon sequestration and climate change impact assessments.

Environmental & Sustainability projects

- Inventory of carbon sequestration potential in greenbelt of **Toyota Kirloskar Motor Private Limited**, Bidadi Industrial Area, Ramanagara
- Organisational carbon footprint inventory and carbon stocks assessment at **Ace Designers Limited, Peenya, Bengaluru** - M/s. Ecomorphosys, Bengaluru
- Carbon stocks assessment in **Indian Institute of Management-Indore (IIM-I) Campus** - M/s. Ecomorphosys, Bengaluru
- Water neutrality studies in **M/s. CleanMax Enviro Energy Solutions Pvt. Ltd.** Solar Farm in Karnataka, Tamil Nadu and Gujarat
- Organisational carbon footprint inventory and carbon stocks assessment - A case study of **Karnataka State Pollution Control Board**, Bengaluru, India - **M/s. Ecomorphosys, Bengaluru**
- **Indian Institute of Management-Bangalore (IIM-Bangalore)** - Greenhouse gas inventory and carbon stocks assessment - **M/s. Ecomorphosys, Bengaluru**
- Tree Species and Carbon Stocks Inventory in the Greenbelt Area of **A. O. Smith India Water Products Private Limited**, KIADB Industrial Area, Harohalli, Kanakapura taluk, Ramanagara
- Assessment of Flora and Fauna for Proposed Solar Park in Vaghel Village, Patan District, Gujarat - **M/s. Environment Matters**
- Inventory of Carbon Sequestration Potential in **Agastya International Foundation, Kuppam Campus, Andhra Pradesh**
- **Crop Supply Chain** – Greenhouse gas inventory and sustainability report at Gujarat, Maharashtra and Andhra Pradesh - **M/s. Innoterra**
- **Dairy Supply Chain** – Greenhouse gas inventory and sustainability report at Andhra Pradesh and Tamil Nadu - **M/s. Innoterra**
- Biodiversity Assessment and Proposal of Native Plantation for industrial greenbelt development at **Saint - Gobain Gyproc India Ltd.**, Vishakhapatnam, Andhra Pradesh
- Assessment of Flora and Fauna for Proposed Solar Park in Kanakatte Village, Arasikere, Karnataka - **M/s. Environment Matters**
- Environmental and Biodiversity Monitoring of **Yettinahole Drinking Water Diversion Project** (Aquatic phytoplankton Diversity) - VJNL & IISc
- Environmental microbiology laboratory at **Sobha Academy**, Jakkuru, Bengaluru
- Study of Bellandur Lake, Bengaluru - **M/s. Confederation of Real Estate Developer's Associations of India, (CREDAI)**
- Green Field project work of **Hindustan Coca-Cola Beverages Pvt. Ltd.**

Research publication and guidance

- Published 20+ Journals & presented research paper in National and International Conference, 7 articles in leading Newspapers
- Authored and edited books and contributed towards book chapters
- Research Guidance – 30+ M. Sc. Degree Students Dissertation / Project work
- 20+ Plenary Lectures / Invited Talks / Resource person
- 40+ Certifications (Online MOOCs) / NPTEL - SWAYAM

Administrative Experience / Posts & Responsibilities

- **Chairperson, Board of Examiners - Environmental Science / Studies subject, Bengaluru City University, Bengaluru**
- **Board of Studies and Board of Examiners**
 - The North East Christian University (NECU), Nagaland, North East India
 - St Joseph's University, Bengaluru
 - Bengaluru City University, Bengaluru
 - St. Joseph's College (Autonomous), Bengaluru
 - Bangalore University, Bengaluru
 - Mount Carmel College (Autonomous), Bengaluru
 - RNS First Grade College, Bengaluru
 - Presidency College, Bengaluru
- **Subject Expert** - Karnataka State Higher Education Council (**KSHEC**), Government of Karnataka
- Scientific Research Journal Reviewer



Contact



+91 98451 21160



kumar.m@sju.edu.in
kumarenyi@gmail.com



Dr. Kumar M - See Mu Ku -

Education

- B. Sc., M. Sc., Ph. D. in Environmental Science, Bangalore University
- UGC-NET, K-SET, ICAR ASRB-NET in Environmental Sciences
- Diploma in Industrial Safety (DIS)
- Bachelor of Education (B. Ed.)
- Certificate in Solid Waste Management
- Certificate in Environmental Management

Awarded Ph. D. in **Inventorization of Greenhouse Gases (GHG) in Bangalore Urban District – A Comprehensive Climate Change Assessment**

Specialisation

- Environment, Climate Change and Sustainability

Skills

- Carbon accounting / GHG inventory - Scope - 1, 2 & 3
- Biodiversity and Carbon Stocks Assessment
- Water Neutrality / Positivity Studies
- Environmental, Social, Governance (ESG)
- Environmental Impact Assessment (EIA)
- Environmental Auditing
- Waste Management (Solid and Liquid)

Language

- English, Kannada