

Academic Staff



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Biological Wastewater Treatment, Water Treatment



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Waste Utilization, Waste to Energy,
Air Pollution and Control, Wastewater Treatment,
Water Treatment



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Treatment, Climate Change, Water and Carbon
Footprints in Life Cycle
Assessment



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membrane technology, Wastewater treatment



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Structural Engineering FRP Composite Structures,
Bridge and Infrastructural Application



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Biogas Technology, Biorefinery,
Waste Management



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Water and wastewater treatment, water reclamation,
water footprint and cleaner technology



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Solid Waste Engineering and Planning



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Foundation engineering,
Geoenvironmental Engineering ,
Natural hazard modeling and Management

Research Area

Waste conversion and bioprocess engineering

- Anaerobic biotechnology and process optimization
- Biochemical conversion of environmental pollutants for valuable products
- Waste to Energy

Wastewater Treatment

- Waste Stabilization Pond
- Constructed Wetland
- Land Treatment

Environmental Biotechnology

- Industrial and agricultural waste utilization
- Improvement water and wastewater treatment system

Air Pollution and Control

- Effect of nanoparticle matter from construction site to human

Water Treatment and Water Purification

- Characterization and treatment of carbonaceous and nitrogenous disinfection by-products in water supply

Life Cycle Assessment

- Impact of water consumption and climate change on human health, ecosystem quality, and natural resource under life cycle perspective

Solid Waste Management

- Composting technology
- Solid waste system and planning

Membrane Technology

- Municipal and industrial wastewater treatment
- Water purification
- Waste recovery and reuse
- Renewable energy