

ナミタ マハルジャン

NAMITA, Maharjan

キーワード

Global Engineering/ Thinking skills/ Sustainability/ Sewage Treatment/ Pathogens/ Sustainable Development Goals (SDGs)

分野等

一般教育科 (英語)

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職名

助教

学位

博士(工学)

研究分野

Solid and wastewater management
Investigation of Sustainable Solid waste and Wastewater treatment technologies

- Various treatment technologies are being assessed to find the sustainable wastewater treatment applicable for developing nations.
- The study of the pathogens in wastewater using advanced quantification methodologies.
- Study of Black Soldier Fly for the solid waste management.
- Research on advanced biological water reclamation and reuse technologies for recirculating aquaculture system.

Education

Development of educational tools for engineering students to disseminate the knowledge of SDGs

(Global goals from United Nations to be achieved by 2030)

- Global engineering education for development of thinking skills in Engineering students.
- Developing English communication skills in the students
- Fostering Active Learning and Collaborative Learning
- Introduction of western culture and practices

興味のあること・技術 PR

A part of research is based on the SDGs education. The SDGs education is related to all aspects of industries. The knowledge on SDGs could leverage product performance, eco-innovation and eco-design development and promotion of any industries.



Collaborative learning class