



MANGALORE UNIVERSITY
DEPARTMENT OF BIOSCIENCES
MSc BIOTECHNOLOGY

BTP 556: ENVIRONMENTAL BIOTECHNOLOGY

Course outcome

The student will

- Acquire skills and techniques used in waste management
- Learn mechanisms of waste treatment
- Become skilled in vermicomposting and mushroom cultivation
- Understand biogas production

Production of compost (methods)

Vermicompost and its analysis

Cultivation of mushrooms

Biogas (biofuels) production

Wastewater treatment methods

Solid waste treatment methods

Experiments on biofouling and biofilms

Experiments on industrial waste treatment methods (e.g. distillery, whey)

