

OBJECTIVES

- Compositional analysis of municipal solid waste (MSW) of Vadodara city.
- Identify fungal diversity of municipal solid waste.
- Screening, identification, and selection of potential plastic degrading fungi.
- Evaluation of plastic degrading fungal enzymes.
- Characterization and optimization of enzyme degradation by the selected fungi.
- Enhancement of plastic degradation under optimized condition using different enhancers.
(Chemical & Biological).