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Title: ECO-ENZYMES-AN APPROACH TOWARDS REDUCING POLLUTION

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A novel method for the production of an eco-enzyme has been developed. The eco-enzyme prepared is a complex solution produced by fermentation of fresh kitchen waste (fruit and vegetable dregs), sugar (brown sugar, jaggery or molasses sugar) and water. It is dark brown and has a strong sweet sour fermented scent. Eco enzyme is a multipurpose liquid and its applications cover household, agriculture, animal husbandry etc. The enzyme prepared can be used as an excellent process for waste management. This is a quite and an easy process to decompose simple biodegradable materials by micro-organisms in a series of processes. The resulted filtrate obtained is rich in amino acids and acetic acid. Hence it can be used widely as a cleanser or a fertiliser. The usual household cleanser generally contains a lot of hazardous chemicals, such as phosphate, nitrates, ammonia, chlorine etc. The accumulation effect of these chemicals released from every household can cause significant damage to the planet earth. Eco-enzyme will be the household helper: general cleaner, air purifier, insect repellent, laundry cleaner, car care, organic fertiliser etc. It can reduce pollution and save money. The eco-enzyme will be a natural household cleaner; detergent; car care; fabric softener; organic fertiliser, etc. It has anti-bacterial, anti-fungal and anti-viral propreties and is a natural antiseptic for our homes.

## **Biography**

Dr. Shefali Dhiman Assistant Professor and Head PG Department of Chemistry, MCM DAV College for Women, Sector 36, Chandigarh.



- 1. Physical exercise in the rehabilitation of dialysis patients
- 2. Recommendations of the Working Group of the Polish Nephrology Society regarding the quality criteria of dialysis treatment of patients due to end-stage.
- 3. Probation officer in the face of new tasks and changes in the social rehabilitation system.
- 4. Summary of clinical practice guidelines for pre- and postoperative care of natural arteriovenous and prosthetic fistulas.
- 5. Glen Mills School in the US Youth Crime Prevention System

International Conference on Global Warming and Natural Disasters, June 1-2, 2020, Webinar

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