

REPORT OF ACTIVITIES UNDER THE MoU BETWEEN ALL SAINTS' COLLEGE AND V CARE SHOPPING

Municipal Solid Waste dumping in public places is one of the significant problems faced by society nowadays. The rapid growth of the population is the leading cause of the increase in unwarranted dumping of municipal solid waste. The waste management and handling rules in India introduced by the Ministry of Environment and Forests (MOEF) have a more negligible effect on the community. Municipal Solid Waste dumping in public places may cause significant adverse environmental and health impacts. The decomposition of solid waste causes methane gas, one of the major contributors to the global warming phenomenon. As Solid Waste Management becomes advanced, solutions are being looked at in an almost Systematic and Holistic way. Integrated solid waste management refers to the selection and use of Appropriate Management programs, Technologies and Techniques to Acquire Waste Management goals and Objectives. It is thus essential to stream that effective solid waste management programs in major cities which face Municipal Solid Waste Disposal problems.

Proposed Project Activities and Expected Outcomes

The following activities will be carried out during the proposed period, which includes,

- Field based data collection and survey- Providing checklist questionnaires and online survey
- Collection of background data and references
- Training for students and local community in developing Piranha model waste management System which are business units, that will intake the biowaste as input and do production in units called as Business piranhas. This can be successfully implemented in Composting units, Pig Farms, Plantations, Chicken Farms, Black soldier Fly larvae units, Plastic segregation units and Plastic recycling units, thus consuming the biowaste and producing value-added products
- Report preparation and Publication of the data and reports generated in peer reviewed Journals

Deepa

Principal
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- Based on data generated, influence the policymakers of the local panchayaths and municipalities in managing the solid waste and their implementation

ACTIVITIES SO FAR

In corporation with an academic project on solid waste management with V care Environmental solutions about 10 wards of Trivandrum corporation were selected and studied. field based data collection and survey was done . Based on the study , checklist questionnaires were prepared. and case study was prepared about the piranha model of solid waste management. Based on the study, data report preparation was done. Publication of the data and reports generated in peer reviewed Journals. Based on data generated, Influence the policy makers of the local panchayats, bodies and municipalities indeveloping sustainable programs and their implementation.

After the completion of the programme, detailed project reports will be prepared and submitted to both the institutions and certificates will be issued to all the project beneficiaries.

Signature of Principal:


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