


Title of the Research Project	Feasibility Study of Integrated Biomethanation Plant Based on Kitchen Waste and Human Excreta
Period of Research	01.04.2009 to 31.03.2012
Funding Agency	Savitribai Phule Pune University
Reference Number	BCUD / OSD / 184 dated 11/05/2009
Name of the Principal Investigator	Dr. Sameer S. Shastri
Name of the Co-Investigator	Mrs. V. S. Limaye
Grant Received (Rs.)	1,75,000
Objectives of the project	<ul style="list-style-type: none"> To develop and implement integrated biomethanation plant using kitchen / mess waste and the liquid waste from the toilet To study impact of such a model on management of waste in urban and peri-urban areas of cities like Pune To optimize possible technical alternatives for better waste management for the community To carry out cost-benefit analysis of such an integrated approach and to make it available to the society at large at the minimal possible cost
Number of UG/PG Project Groups	02 UG + 01 PG
Publications out of this Research (if any)	<i>“Developing an Integrated Biomethanation Plant Using Kitchen Waste and Human excreta at a Household Level Using Low Cost Technologies” (2012) Global Journal of Applied Sciences, 2012 2(2), pp 173-177 ; ISSN: 2249-2623; Limaye V., Shastri S., R. Jayasuriya</i>
Photograph of Equipment Fabricated / Instruments purchased	
Any other information	Solid waste management and black water management in the urban area is a burgeoning problem. The proposed system of integrated waste management has been found techno-economically very useful for the urban area.