

Bio-gas Project Yerwada Central Prison

Maharashtra Prison Department is environment friendly and shifted from use of coal/wood to cooking gas in kitchens for jail inmates about two decades back. However considering the recent developments where by local waste can be used to generate gas or electricity, it was considered wise to revisit the issue.

It was thus decided use kitchen and other waste of Yerwada Central Prison for generating cooking gas. Pune Municipal Corporation was approached for the said purpose and it promised funds to the tune of about Rs. One Crore provided Prison Department used its own land for constructing the Bio-gas unit.

Dr. Raghunath Mashelkar laid foundation of the above project on 23.3.2014. Dr. Sharad Kale, renowned scientist from BARC provided technical knowledge for the same and Bio-gas project was completed on 1.6.2015. Shri. J.K. Nimsed of J.K. Engineering constructed the unit on 800 Sq.mt. land behind Yerwada Central Prison. The project runs on five tons kitchen waste; 2 tons supplied by Yerwada Central Prison & 3 tons supplied by Pune Municipal Corporation. 1400 Kg. Bio-gas equal to 10 cooking gas cylinders is made available to the kitchen of Yerwada Central Prison every day. The Bio-gas project shall lead to saving of Rs. 3 Lacs per month for Yerwada Central Prison.

Slurry produced through the Bio-gas project is being used for agriculture of Yerwada Central Prison (36 ha.) & Yerwada Open Prison (103ha.). Shri. Yogesh Desai, then Superintendent, Yerwada Central Prison, Shri. Dynaneshwar Kharat, Jailor Gr.II & DIG. Shri. Rajendra Dhamane took keen interest in completion of the project.