

## DEPARTMENT OF SCIENCE, TECHNOLOGY & ENVIRONMENT

### Proforma for Furnishing Research Project Proposals to DSTE

1	Title of the Project	Zero Waste and Zero Pollution (ZWZP) - Trio
2	Name of the Principal Investigator and address for communication	Dr. A. Elangovan, Lecture in Commerce, 30, Bharathidasan St, Puducherry 605 003 Mobile: 98944 44146 E mail: jeeva_iway 2006. yahoo.10.in
3	Designation and name of the institution in which working	Senior-Lecturer in Commerce, Tagore Arts College, Lawspet, Puducherry
4	Name of the Co-in vestigator, if any	Nil
5	Objectives of the Project	<ul style="list-style-type: none"><li>• This Project is first of its kind in Puducherry</li><li>• To develop a strong and positive attitude towards keeping the environment clean</li><li>• To transilate people environmental sensitivity into environmentally friendly behavior (or) action.</li><li>• To practice the household to segregate the waste as degradable and non-degradable</li><li>• To promote the habit of handing over the non-degradable waste to the recyclers</li><li>• To promote the habit of refuse, reduce, re-use and recycle and using Environmentally Friendly carry bags</li></ul>
6	Likely benefits of the project	<ul style="list-style-type: none"><li>• A comprehensive cleanliness will be carried out in the select area</li><li>• Waste will be segregated which results into possible easy management of solid waste</li><li>• The trained volunteers will be the asset in dissemination of information for the future Project.</li></ul>

		<ul style="list-style-type: none"> <li>• Health hazards and environmental degradation will be addressed</li> <li>• The Positive action of the people in the select are a will be a model for others to follow</li> <li>• This chain of reaction will ultimately reduce the burden on exchequers of Municipalities in managing the Solid waste.</li> </ul>
7	Methodology	<ul style="list-style-type: none"> <li>• Firstly, volunteers will be selected. Selected volunteers will be given special training focusing solid waste management.</li> <li>• Secondly, 500 house in a ward will be selected for this Project. In consultation with the municipal commissionaire of the select area and the ward member few environmental awareness programme will be conducted to households at regular interrals for a period of 3 months.</li> <li>• Then volunteers will be allotted a stipulated number of houses and they will be made in charge of the houses to meet the household and explaining them about the segregation of waste.</li> <li>• All the house holds will be given two bins to segregate the waste and volunteers will visit the household to monitor and assist them in segregation for a period of three months.</li> <li>• Municipality will be requested to co-ordinate the collection of segregated waste. Re-cyclers will be encouraged and visit the select area to collect the non-degradable waste. Ensuring all the household involved in the segregation of waste, a continuous monitoring will be under taken by the volunteers. Further, popularize this concept, popular personalities will be involved.</li> </ul>

8	Duration of the Project	<ul style="list-style-type: none"> <li>• Selection of the volunteers - 1 month</li> <li>• Training the volunteers - 1 month</li> <li>• Promotion of the concept in the select area - 4 months</li> <li>• Practicing the segregation and monitoring - 3 months</li> <li>• Further strengthening their behavior - 2 months</li> </ul> <p>----- 11 months -----</p>
9	Whether any grant has been received from this department for any research project previously	No