

St. Xavier's Institute of Education

Best Practice 2018-19 – Waste Management

<p>Title of the Practice</p> <p>Waste Management</p> <p>Creating A Culture Of Sustainable Development</p>	<p align="center">From the earth, to the earth and by the earth</p> <p>The earth's environment is in crisis mainly because it is being abused beyond its capacity by human beings. We are born from the earth, we return to the earth and we sustain by the earth.</p>
<p>Goals</p> <p>To create responsible awareness among the young citizens</p>	<p align="center">Why?</p> <p>Waste management is a global problem. At present it has reached the level where managing waste is every individual's responsibility.</p> <p align="center">Objectives</p> <ul style="list-style-type: none"> • To address the significant issues of waste management through the promotion of safe practices. • To stimulate the interest of student teachers about the latest developments in the field of waste management. • To create a forum for the exchange of the most recent ideas, techniques & experiences in all areas of solid waste management • To work towards spreading awareness about Reduce, Reuse, and Recycle • To share sustainable strategies of waste management • To deliberate on different disposal methods with particular reference to new advances and long term solutions. • to give baseline information about waste management practices among the school children • to bridge the gap between awareness and practices about waste management • to create an awareness about disposal of e-waste <p align="center">Expected Outcomes:</p> <ul style="list-style-type: none"> • Will create a culture of buying eco-friendly things • Future teachers will get into the habit of buying only what they require thereby reducing the household waste they produce. • Maximizing the level of recycling hence while discarding waste, they will consider ways of recycling or reusing • Deliberations on how waste can be used to produce both materials and energy • It would make the garbage disposal more manageable and efficient

	<ul style="list-style-type: none"> • More responsible attitude in disposing the waste • More concern about environment
<p>Context</p>	<p style="text-align: center;">Background</p> <p style="text-align: center;">Analysis of the Utility, rationale</p> <p style="text-align: center;">Theoretical Framework, any model or research background</p> <p>Waste management is a great challenge worldwide. From the perspective of the social structure and background of waste generation, it should be the mission of all the educational institutions to promote proper waste management and spread the concept of the 3R principle (Reduce, Reuse, and Recycle) in our societies. Further is should also create an awareness among the society about minimizing waste generation and encouraging cyclic use and proper waste treatment and disposal. The basic concept of 3R is to create a class of well-informed citizens who are responsible to preserve resources and control hazardous substances. The 3R concept is closely associated with entire communities. It will affect various social aspects, such as the direction of industry, patterns of consumption, use of resources and energy, and our relationship with the environment. We should respect the need for this concept to become deeply rooted in our society and should promote technologies, social systems, and policy research to back up and establish better 3R principles and waste management systems.</p> <p>SXIE believes that committed environmental education will inculcate a proper and appropriate environmental culture in the students. Hence aims at providing a platform for academic activities that promote greater awareness about waste management and 3R among the young citizens of the nation. Further it wishes to strengthen mutual ties among the education system and the civic administration to work together towards handling the issues of waste management.</p> <p style="text-align: center;">Role of Student Teachers</p> <p>The educational institutions or schools are the best places for promoting waste management education. Educating young people regarding the importance of environmental issues is essential; instilling the right behaviour in school children is also beneficial to the behaviour of their families.</p> <ul style="list-style-type: none"> • Student teachers will organize awareness programmes for students to

	<p>inculcate and foster positive thoughts about waste management</p> <ul style="list-style-type: none"> • Student teachers will conduct different activities for the student, teachers and parents to create awareness about waste management. • collaborate with local / BMC administration/ NGO's in various awareness drive • Partnering with individuals / organizations who are involved in Waste Management Initiatives • organization of workshop, seminars, panel discussion etc. on emerging topics and the various issues about waste management <p style="text-align: center;">How will stakeholders be benefitted</p> <p>Community awareness program will be organized to emphasize on the awareness of public about the waste management issues. This will include the understanding of the consequences of improper management of waste and how it may ultimately pose a serious threat to the lives and well-being of the entire society irrespective of the class and caste.</p>
<p>The Practice</p>	<p>Phases</p> <ul style="list-style-type: none"> • Orientation • Input by the experts – Train the Trainer Program • Preparation of programs and activities – How Assemblies were prepared, college level activities, activities conducted in various courses • Execution of activities –initiatives taken • Actual Practical aspect - Assemblies Conducted, activities conducted in internship schools • Feedback – research conducted in internship schools
<p>Evidence of success</p>	<p style="text-align: center;">Success stories</p> <p>At SXIE for the academic year 2018-19 under IQAC initiative -Waste Management was taken as best practice. SXIE collaborated with Idobro, a social enterprise and the journey started towards making institution's best practice more meaningful. The best practice was initiated keeping in mind "Four I and D Model" given by NAAC.</p> <p>Identification of best practices: Student teachers along with the staff deliberated to identify the best practice of the year and keeping in mind the 'Swachh Bharat Abhiyan or Clean India Mission', the campaign which was officially launched on 2nd October, 2014 at <u>Rajghat</u>, New Delhi by Honourable Prime Minister Mr. <u>Narendra Modi</u>.</p> <p>Implementation of best practices:</p> <p>Plan of Action</p> <p>Phases</p>

	<p>Phase I: Preparatory</p> <ul style="list-style-type: none"> • Orientation • Input by the experts • Preparation of programs and activities <p>Phase II: Implementation</p> <ul style="list-style-type: none"> • Execution of activities <p>Phase III: Evaluation</p> <ul style="list-style-type: none"> • Feedback • Outcome – Research Findings <p>Institutionalization of best practices: Link</p> <p>In order prepare the student teachers and the staff for their active participation Two Day Workshop on the theme, “Train the Trainer was conducted on the 17th and 18th of December, in collaboration with IDOBRO, a social enterprise. The main thrust of the workshop was waste management and how to initiate sustainable development practises in educational institutions</p> <p>Internalization of best practices: Link</p> <p>Dissemination of best practices: Link</p> <p>RISE Citizenship Workshop was organized in collaboration with Idobro, a social enterprise and Global Contact Network, India as a part of IQAC- Initiative -Best Practice - waste management disseminate knowledge where heads of the institutions, HODs and senior faculty members were present from various educational institutions in and around Mumbai. Two case studies were presented; The Lilavatibai Poddar High School, Santacruz, Mumbai presented their case study and discussed how they along with IDOBRO resolved 2 major issues faced at their school. The first issue was regarding waste generation. The school aimed to create zero waste and encouraged their students to participate in the endeavour whole heartedly. Over a period of time the students became active participants in the process and helped their school move towards zero waste creation. The second issue was regarding traffic issues in their area and how the school in collaboration with IDOBRO cleared the traffic clutter in the area and made the roads around the school more child friendly and safe. The Student teachers of SXIE presented research findings about the assemblies conducted in Internship Schools on the theme, ‘Waste Management Awareness Week’. Also SXIE’s best practice and the various initiatives taken under that.</p>
<p>Problems encountered</p>	<p>The journey that started with an intension of creating awareness leading to action regarding waste management within the institution and reaching out in the society was really an enriching experience. But like any other journey few areas of challenges were faced like most of the schools were willing to initiate the program but due to lack of time and in some cases lack of human resources the activity had some issues. The consistency of the program was one of the major challenges this is so because student</p>

	teachers were managing the program during the tenure of internship but at the end of it was observed that the schools would face problems with respect to constant check about waste management.
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