

SXIE - Best Practice 2019-20

WASTE MANAGEMENT – Collaborations with NGO

Title of the Practice	Collaboration with NGOs For the academic year 2019-20 St. Xavier's Institute of Education collaborated with two NGOs Safai Bank of India and Project Mumbai.
Goals	<p>The collaboration was initiated keeping in mind the projects announced by The Central government of India Swatch Bharat Mission and Plastic Ban</p> <p>Collaboration with Safai Bank of India:</p> <p>Safai Bank of India, is a project by Mumbai Sustainability Centre, Non-profit Company which works towards developing sustainability consciousness in the citizens. Orientation session was conducted for the SY B.Ed student teachers by Mr. Rishi Agarwal Founder and Director, SBI and Co-ordinator Ms. Priyanka Pakhare. Safai bank of India works for the Mission to divert millions of items of multi-laminated packaging waste from reaching dumping grounds of Indian cities. The motto is, "Don't Bin It Bank It" with the aim to provide an effortless platform for millions of families to take responsibility for their waste.</p> <p>The objectives are:</p> <ul style="list-style-type: none">• To create awareness about the damage caused to the environment by multi-laminated packages.• To motivate young teachers and learners to adopt sustainable measures to tackle the problem of waste management.• To collaborate with various institutions to create better and healthy future.• To relate to the problem of waste management at the institutional, state, and national level Objectives <p>Collaboration with Project Mumbai Mr. Shishir Joshi, Founder and CEO,</p> <p>The plastic consumption in India is increasing and causing serious health and environmental problems. SXIE collaborated with Project Mumbai in the initiative- The Mumbai Plastic Recyclothon - Ek Baar Phir, which was basically the collection of Plastic and plastic waste. This collaboration was an attempt to participate in the new national framework of government of India about ban on single use disposable plastic paving the way for India to become single-use plastic free by 2022. After the formal registration with Project Mumbai the student teachers and staff of SXIE collected plastic and plastic waste from 2nd October, 2019 to 7th October, 2019 which was given to Project Mumbai for the recycling purpose.</p> <p>Objectives:</p> <ul style="list-style-type: none">• To raise personal and public awareness about various issues related to plastic waste• To reduce the high rates of plastic pollution• To work towards zero plastic waste in future• To increase education relating to reduce, reuse, recycle of plastic

	<ul style="list-style-type: none"> • To minimize the hazardous impact of plastic on environmental. <p>Out Comes:</p> <ul style="list-style-type: none"> • Increase students’ knowledge about waste management as the need of the hour • Increase waste reduction at home and in schools • Motivate Students to share knowledge about waste management with their families and neighbourhood • Moving from learning to action by encouraging behaviour change • Encourage students’ -“Green Marshals” to take leadership role in waste reduction at their school • Introduce students to the basic components of habitat and protection of the habitat <p>St. Xavier’s Institute of Education in collaboration with Safai Bank of India for the academic year 2019-20 collected 18, 891 MLPs during their Third and Fourth Semester Second Year internship program from the respective internship schools.</p>
<p>Context</p>	<p>As a part of the Best Practice – Waste Management St. Xavier’s Institute of Education conducted Waste Management Awareness Week in four internship schools</p> <ul style="list-style-type: none"> • St. Paul’s School, Dadar, • St. Sebastian Goan High School • St. Teresa’s School, Charni Road • Victoria School, Mahim <p>. After seeking permission from the principal the awareness week was organized as follows:</p> <ul style="list-style-type: none"> • To check the awareness of the secondary school students about waste management and Multi-Laminated Packages a pre-test was conducted on the students of standard VIII. (Only one division) • Weeklong assemblies were planned keeping in mind the various aspects of waste management and Multi-Laminated Packages. The assemblies were conducted on the following topics: <ul style="list-style-type: none"> o What Is Waste Management? Why we have to manage waste? (effects on human and environment) • SXIE’s Best Practice - Waste Management What and Why? • UN’s Sustainable Development Goals • Waste Management Rules 2016? (BMC & National Green Tribunal) • What Is Multi-Laminated Packaging Waste? • What Are The Effects Of MLPs On Health And Environment? • What Happens To MLP Waste After It Is Disposed?
<p>The Practice</p>	<p>Orientation about Safai Bank of India and Online Registration of the Schools with one staff coordinators and appointment of Green Marshals</p> <ul style="list-style-type: none"> • As a part of awareness week student teachers helped the students to prepare Posters and Charts on the issues oriented during assemblies: <ul style="list-style-type: none"> o UN SDG’s o Waste Management Rules o Rule given by BMC about waste disposal o Effects on health and environment

	<ul style="list-style-type: none"> • Post Test • Feedback from the Principal was also taken about the Awareness Week • All the participating schools are now part of Safai Bank of India. <p>The first collection of the participating schools was more than 2000 MLPs Within a week 2000 plus Multi-Laminated Packages were collected from the internship schools. All the four internship schools are now part of Safai Bank of India and will do monthly collection of MLP</p> <p>The plastic consumption in India is increasing and causing serious health and environmental problems. SXIE collaborated with Project Mumbai in the initiative- The Mumbai Plastic Recyclothion - Ek Baar Phir, which was basically the collection of Plastic and plastic waste. This collaboration was an attempt to participate in the new national framework of government of India about ban on single use disposable plastic paving the way for India to become single-use plastic free by 2022. After the formal registration with Project Mumbai the student teachers and staff of SXIE collected plastic and plastic waste from 2nd October, 2019 to 7thOctober, 2019 which was given to Project Mumbai for the recycling purpose.</p>
Evidence of success	<p>For the academic year 2019-20 the new initiative under best practice-waste management is in keeping with the theme of the year, 'Building a hope filled future'. Out of the four Universal Apostolic Preferences, The two UAPs that is; To accompany young people in the creation of a hope-filled future; and To collaborate in the care of our Common Home are integrated in the best practice. During the internship program it was observed that the young learners if oriented in the proper direction are willing to work for the betterment of the environment and thus respecting and protecting mother earth for the healthy future. The response shown by the students in collecting Multi Laminated Packages was really over whelming. The Green Marshals appointed to perform the task were more than willing to be part of the initiatives and worked with interest and enthusiasm to collect the MLP</p>
Problems encountered	<p>SXIE's initiative in the area of waste management had dual purpose for the human well-being and for the well-being of mother earth Waste is generated in various forms. It appears that we can deal with this growing mountain of filth: by reducing our waste by using less, and by separating the waste so that we can recycle, reuse and compost as much as possible. While orienting young learners about waste management and related issues it was felt that there is a whole culture of waste management that needs to be put in place. Every component of the society needs to gear up to follow the norms because most of the time citizens ignore the facilities provided by the government to dispose the waste in the appropriate manner. There is lack of awareness about hazardous effects of waste on human health and environment which probably is one of the major reasons not handling waste management with seriousness. It was also observed that we need to work collectively towards bringing changes in the habits of the people. Schools should seriously invest in waste reduction which in not really happening.</p>
Notes	<p>St. Xavier's Institute of Education for the IQAC Best Practice - Waste Management New Initiative for the academic year 2019-20 collaborated with Safai Bank of India, a project by Mumbai Sustainability Centre, which is a Section 8 non-profit company registered under the Companies Act of 2013.</p>

Safai Bank of India is currently working with Multi-Laminated Packaging (MLP) waste only, which is one of the largest types of plastic waste being generated and having poor disposal procedures

- Safai Bank of India collects the MLPs waste from schools and colleges with the help of their logistics and disposal partner NEPRA.
- Once the collection is done SBI store them in their warehouse or dry waste centres.
- Once in a month NEPRA transfers them to the cement factories where it is used in Cement Kiln.
- In cement Kiln the MLPs are co-processed for cement production and due to the high temperature of 1500-2000 degrees it nullifies the release of dioxins.
- Hence the proper disposal of MLPs is done as per the Waste Management Rules of 2016.