

St. Xavier's Institute of Education
IQAC initiative - Best Practice of SXIE – Waste Management
'Train the Trainer' Workshop in collaboration with IDOBRO
On 17th and 18th December, 2018

Report of the Workshop

On the 17th and 18th of December, IDOBRO conducted a two day workshop on waste management and sustainable development practises. IDOBRO believes in the RISE Citizenship, where RISE Stands for the four values – Responsible, Inclusive, Sustainable and Eco-friendly. Through 4 sessions, one for each of the for pillar values, they conducted numerous student-centric activities that taught students how to impart the knowledge about sustainable development and waste management in a classroom setting.

The first session on day 1 was about responsibility and how we must be aware of world environmental issues and develop a responsibility towards maintaining our environment. The students were given pieces of paper and asked to draw a world map on one side and on the flip side they were asked to draw a person. They were then asked to tear the paper into pieces and then re-join the pieces like a puzzle and make the world map whole. Students took different amounts of time to accomplish the task and were then shown putting together pieces of the person together was easier and it automatically brought the world together. From this activity students learned how if we can make a difference to the world by changing and correcting ourselves first. And how this value can be taught to students of the school level classroom was learnt.



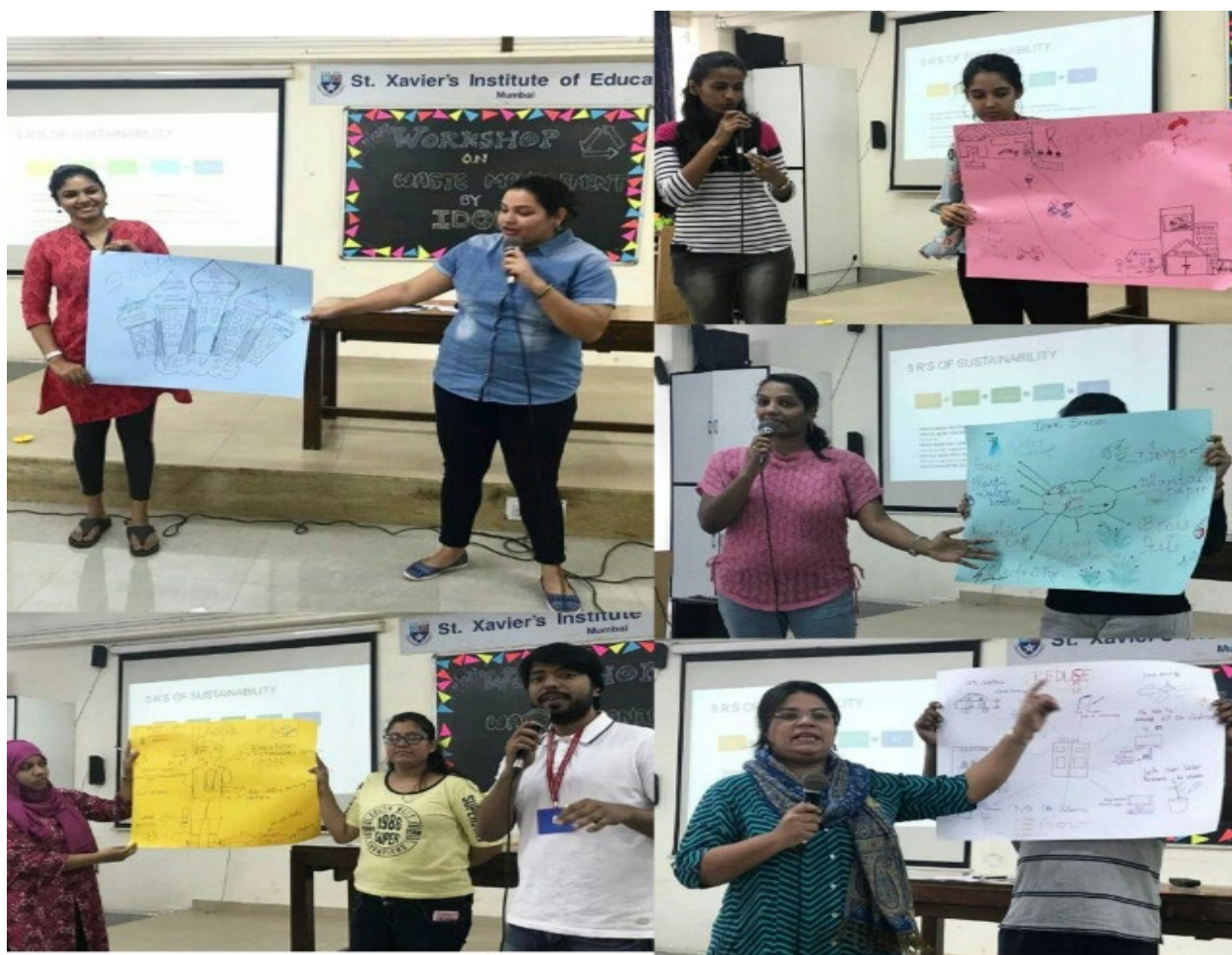
In the second activity the instructors asked everyone to close their eyes and imagine a place with waste, and students were asked to share how they felt after visualising it. Students came forward and shared about various situations and locations where they experienced disgust on seeing open waste dumps. One student shared how she was waiting outside an exam centre and an open waste dump right outside the venue was giving out a stench that was so bad they couldn't concentrate on revising exam portion and made her feel repulsed and disgusted at the sight of the waste. From these reflections the instructors explained how self-awareness is important in order to make a difference. The students were informed about zero waste practices and how this can be achieved by giving examples of people who have achieved zero waste practised in Bangalore and other areas. For example, reusing shopping bags, buying vegetables without the nets and plastic paper bags, making compost of the organic waste in one's own premises.

This activity showed how awareness about organic and inorganic substances consumed daily can lead us to better manage the waste created by consciously purchasing eco friendly products.



Students were then briefed about the 5 R's of Sustainability – Refuse, Reduce, Reuse, Recycle and Rot (for compost). They 5 R's were explained in detail and the students were given an activity – they were put into 5 groups and given a chart paper. Each group had to select a location (school/office) and present

how they can apply one of the 5 R's of sustainability in that setting. The groups choose: school, office, shopping mall and home and presented their cases through drawing and sketches. Some of the many points made were: in offices we can reduce the use of electricity and stationary by being more responsible and using resources wisely, in schools and colleges, assignments and be submitted online and paper and plastic can be avoided, in shopping malls we can refuse paper receipts and ask for e-receipts instead and at home we can recycle straws and paper to made household items like holders and bowls and also the wet waste can be made into compost which can be used to maintain a green garden creating eco-friendly environments. Therefore the student as future teachers learnt how to draw out ideas from the students.



The second session was about “inclusiveness”. To convey the meaning of inclusiveness, the students were given a paper and were asked to visualised and draw the people and boundaries till which they think can create and a positive environmental change. The students shared their thoughts, some thought they can make a difference in their schools and homes, others thought of shopping malls and cafes too. The concept of “circle of influence” was then spoken about and the United Nations goals for sustainable development was discussed. Each group took up two goals and presented their thoughts about it and how it can be achieved. The students were then asked to find out about novel and innovative waste management techniques around the world and give a presentation on the second day of the workshop. The second day of the workshop began with groups presenting their work, one of which was about “waste to

energy” where electricity is generated from waste. This instilled values of inclusiveness among students and how they should be socially conscious about the happenings around them .



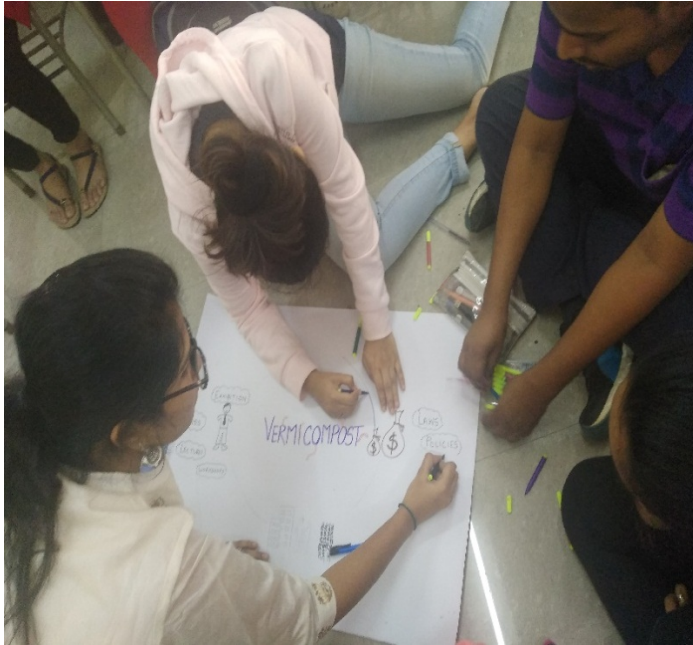
After their presentations in the 4th session, the concept and value of “sustainability: was explained and the groups were asked to design a waste management technique for their very own college SXIE and present their cases with a representational model. The students did a fantastic job and generated various ideas:

Group 1 : Stool and chairs out of waste paper bundles. The group suggested that old waste chart paper generated from old assignments and newspapers from the library can be used to cover and decorate the stool.



Group 2 : Vermicomposting. The conversion of wet waste to manure with the help of red worms. The group even came up with a plan to collect wet waste from the nearby sources like khao galli eateries and colleges, which will increase the volume of manure generated as well as help the community in

managing waste. The manure can then be sold to make money to pay the workers involved in collection of waste.



Group 3: Decorations out of waste paper cups. The students suggested that the daily paper cups used for tea can be washed and stored and later used to make festive decorations. Also that the dustbins can be made out of paper, therefore the labourer collecting the waste needn't collect the waste from the bin but rather take the entire bin. This would respect the dignity of labour as well as make use of waste paper to make those bins.



The last session was about the value “Ecosystem-friendly”. The students were shown how 4 stakeholders are required to function together in order to carry out sustainable development, they are: Academics, government, civil society and corporates. The students were then given the same chart paper as used in the previous session (reuse), and on the blank side they were asked to draw and represent the functions of 4 stakeholders and the steps each of the stakeholders should take for better waste management practices and sustainable development. On the whole the two day workshop was enlightening and taught future teachers ways to - create awareness and develop a sense of responsibility - among students about the global environment issues.

