

The SDG Accord

The University and College Sector's Collective Response to the Global Goals

Ramnarain Ruia Autonomous College Case Study Report Waste Management- 2021-22

Relevant Case Study Themes: Waste Management

Integration of SDGs in

- Institutional governance/strategic level
- SDGs in research
- SDGs in campus operations
- SDGs in curriculum development
- SDGs in student engagement activities
- SDGs into community activities
- SDGs at a whole-institution level

Focus on

- Goal 1 - No poverty
- Goal 2 - Zero hunger
- Goal 3 - Good health and wellbeing
- Goal 4 - Quality education
- Goal 5 - Gender equality
- Goal 6 - Clean water and sanitation
- Goal 7 - Affordable and clean energy
- Goal 8 - Decent work and economic growth
- Goal 9 - Industry, innovation and infrastructure
- Goal 10 - Reduced inequalities
- Goal 11 - Sustainable cities and communities
- Goal 12 - Responsible consumption and production
- Goal 13 - Climate action
- Goal 14 - Life below water
- Goal 15 - Life on land

- Goal 16 - Peace, justice and strong institutions
- Goal 17 - Partnerships for the goals

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NAME -Prof Anushree Lokur

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Summary of the case study:

SDG 11

With Waste Management as focus area. 5 days interactive workshop was conducted for students on topics like understanding concepts of sustainability, home composting, insights into segregation at source, kitchen gardening, and knowledge sharing. At the end of each session, assessment was done through Quiz and an assignment was given on topics like waste audit at home and community, bucket composting, growing microgreens and plastic audit.

A 4- day workshop was conducted on Kitchen Gardening, Kitchen Waste Management, Aquaponics and Drying of Flowers and Value Addition. Students were given live demonstrations about the concepts.

Webinar on Avoiding Single Use Plastic was organized to raise awareness about the Plastic Waste Amendment Rules 2021, and how it adds to the Plastic Waste Amendment Rules 2016. The global and local (national) situation regarding waste management was discussed. The power of communities and grassroot movements by giving live examples were also used as motivating tools for bringing about the much-needed lifestyle changes towards sustainable living.

College signed a contract with a private company for management of sanitary napkin waste disposal and its recycling and thereby College earns Carbon Credits.

The College annual fest 'Samnvay' had the theme of Sustainability around which all 28 departments conducted seminars, activities, games, thus ensuring its reach out to all 3500 students and 136 Faculty of College and outsiders too.

ZeroWasteOctober Campaign was organised which had 277 students and Faculty registrations. They shared their experiences, images of their dedicated e-Waste recycling corner in their home, extending life of plastic utensil by converting it into a planter. Besides they were given 'Task of the day' activities, each highlighting a particular kind of waste that can be readily reduced, like, deleting emails, going back to fountain pens, 'Zero Waste Outside Kit' - creating a bag of essentials that kept their trips sustainable.

3 key benefits of integrating this theme:

1. Awareness was created among students about waste management.
2. Students participated wholeheartedly in all the activities, and they worked together as a team.
3. Students presented their research work in conferences.

Barriers or challenges encountered in integrating this theme:

1. Time constraint in the busy academic schedule. To overcome this, activities are arranged such that they do not clash with exams schedule and regular class timings are also not affected.
2. Getting maximum number of students to participate in each activity. We made it a part of their compulsory activities.

Conclusions and recommendations to others:

Keeping waste management as its focus, Ruia College installed sanitary napkin dispenser bins in Girls` and Ladies Staff washrooms. This has been done in collaboration with a private company, which collects the waste, and recycles it and provides Ruia College with carbon credits. This practice can be replicated in other institutions.



College Logo

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