

Ph: 23237291

Ref No. MSC/IQAC/SSR-CR7/7.1.3

Required: Provide web link to

- Relevant documents like agreements/MoUs with Government and other approved agencies
- Geotagged photographs of the facilities
- Any other relevant information

A. Geotagged photographs of facilities



Figure 1: Photograph of different coloured bins for waste segregation.





Figure 2 : Photographs of water coolers near the office that have been provided to students and staff to minimize use of bottled water.



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Figure 3 : Photographs of water coolers on first floor that have been provided to students and staff to minimize use of bottled water.

B. Any other relevant information

We are committed to work for the environment and have devised innovative ways to manage degradable and non-degradable waste and raise awareness regarding waste management.

• An important initiative which the college has undertaken, is the establishment of "Earthcon", an Environment Awareness Society, in 2019, with the mission to create



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awareness about the environment and sustainable ways of living. The society tries to run itself as a co-operative and encourages students, staff, and the public to adopt sustainable habits, through environmental awareness activities, through workshops, webinars, competition, talks, Zero plastic and Green Diwali campaigns, *Nukkad Natak* etc.



Figure 4: Posters of events organised by Earthcon Society





Figure 5: Posters of events organized by Earthcon Society





Figure 6: Posters made by Earthcon society to spread awareness on waste management



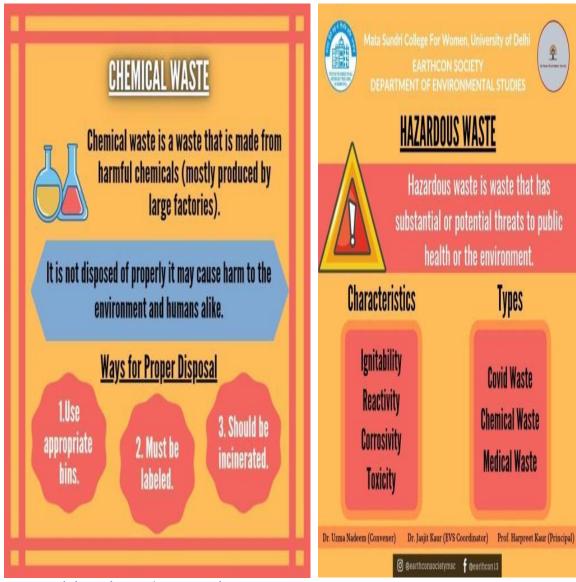


Figure 7: Posters made by Earthcon society to spread awareness on waste management



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FREEDOM FROM WASTE WOES

Under SWACHH BHARAT ABHIYAN, National Cadet Corps of Mata Sundri College for Women organized a Training session, which was Conducted by S. KP SINGH (Environmentalist and Solution Architect at IBM) on FREEDOM FROM WASTE WOES on July 26, 2019. Around 200 students attended the session. Mr K P Singh explained the issue of waste woes using his well prepared and enticing presentation and his powerful words. He actually trained young minds to take up the responsibility as leaders of today and the leaders of the world. A good majority of students pledged to become eco ambassadors with show of their hands. Principal Prof. (Dr.) Harpreet Kaur addressed the students and cadets and encouraged them to do waste segregation in their individual capacities and in college. Mrs. Gurvinder Kaur, convener, NCC extended vote of thanks. NCC of Mata Sundri College created a Facebook page on which NCC is sharing the video and pictures of the powerful session and sharing our learnings and our acts towards environment conservation.



Figure 8 : Poster of Freedom from Waste Woes





Figure 9: Poster made by Earthcon Society to encourage recycling and minimizing waste generation.





Figure 10: Posters of competitions and awareness campaigns organized by Earthcon society to encourage environment-friendly practices.





Figure 11: Posters of competitions and awareness campaigns organized by Earthcon society to encourage environment-friendly practices.





Figure 12: Photograph of Earthcon volunteers conducting Green Diwali campaign



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Online Quiz Competition on World Wetland Day

The Earthcon Society conducted an Online Quiz on the occasion of World Wetland Day through Google forms on the theme "Wetland and Water" on 2nd February, 2021.







SALONI GOEL - 100% Score (Mata Sundri College For Women, Delhi University)



ABHISHEK KUMAR - 97.1% Score (DAV Centenary College, Haryana)



AKSHAT KHANDELWAL- 94.3% Score (SKIT College, Jaipur)

Figure 13: Poster of events organized by Earthcon Society.





Figure 14: Poster of Earthcon society inviting important personalities to interact with the students



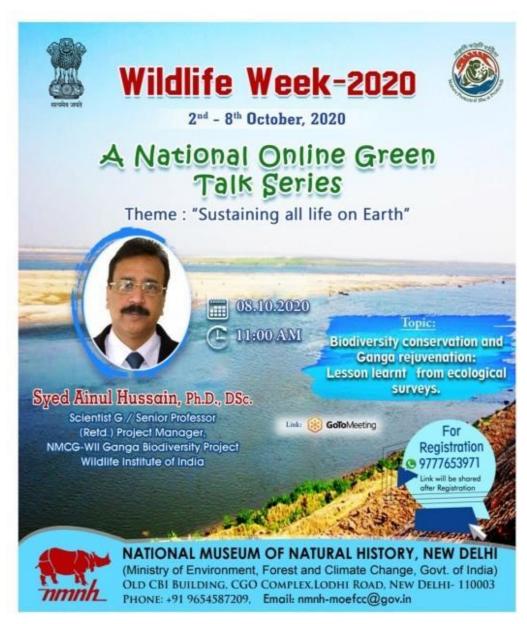


Figure 15: Poster of Earthcon society inviting important personalities to interact with the students



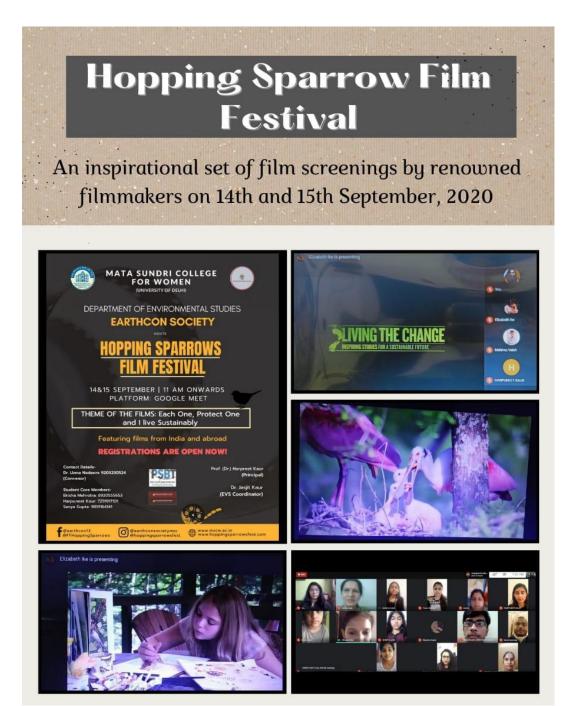


Figure 16: Poster and photograph of the film festival organized by Earthcon society.





Figure 17: Poster of bird nest making workshop.



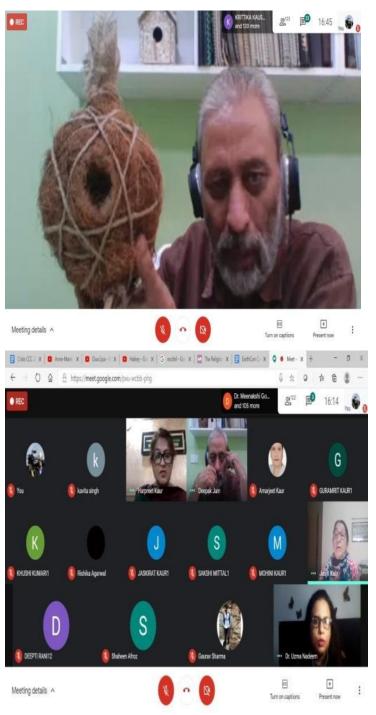


Figure 18: Photographs of bird nest making workshop.



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• Important interactions are organized to spread awareness among students and staff. Several outreach programs are also organized to spread awareness about the environment. Our students attended a FB live lecture by Sunita Narain (Director General, Centre for Science and Environment, New Delhi) on Solid Waste Management.



Figure 19: Photograph of lecture on Solid Waste Management by Ms. Sunita Narain, Director General, Centre for Science and Environment, New Delhi



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• In the 21st century, a looming threat to the fragile environment is e-waste. The college society Enactus, in collaboration with the NGO Chintan, initiated an E-waste Collection Drive.



DEPARTMENT OF ENVIRONMENTAL SCIENCE

Invites you to participate in the



Figure 20 : Poster Competition on Waste Management conducted in Association With Chintan.





Figure 21: Workshop on Waste Management conducted in Association With Chintan.



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As a part of their initiative Sustainability Watch, Enactus launched an initiative of composting organic waste on the campus. All old machines, electrical equipment, etc. are disposed of according to Government norms. The College does not produce any biomedical, hazardous chemicals, and radioactive waste.



Figure 22: Photograph of e-waste collection drive by Enactus.





Figure 23 : Photograph of e-waste collection drive by Enactus.



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E waste collection drive.

Enactus began with its first project on 27th August 2019. It aimed to collect electronic waste available with the students and college authorities. Contributions were made on a large scale. The team ensured the smooth working of the drive and successfully collected 19 kgs of e-waste. The boxes for collection were placed near the Gurudwara and the lift on the ground floor. Students were encouraged to bring the waste via campaigning done both online and offline modes.

The e-waste collection drive ran for two months. The team collaborated with a NGO namely Chintan so that the material collected could be **reused** or **disposed off in an environmentally safe manner**. The last date for the campaign was 4th October.



Figure 24 : Report on the e-waste collection drive by Enactus.





Figure 25: Photograph of the poster of the webinar on Solid Waste Management organized by Enacuts





Figure 26 : Photograph of the poster and an ongoing session of the webinar on Solid Waste Management organized by Enacuts



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A Workshop on e-waste and Recycling Management by Mr. Rajesh Khatri (Director and Founder of Eco Roots Foundation) and Mr. Saurabh Gupta (Founder of Aavni Environment and Sustainability and Consultancy) was organised, which proved to be an enriching experience for students and staff.



Figure 27: Poster and photographs of the session on Waste Management.



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Field Excursions are organized to Aravalli Biodiversity Park and Yamuna Biodiversity Park to familiarize students on the ill-effects of indiscriminate use of resources and waste creation. In addition, they are provided with an opportunity to interact with experts to learn about different Ecosystems, Biodiversity analysis, Pollution Control, Natural Resources, Population Explosion and Ecological processes during these visits.

Departmental Activities (Academic year 2017-2018)

1. World Environment Day Celebration

World Environment Day was celebrated with full enthusiasm by the teachers and students of Department of Environmental Science of Mata Sundri College for Women on 1st June 2017.

A lecture was delivered by chief guest Mr. Rajneesh Sareen, Programme Director, Sustainable buildings and Habitat Programme, Centre for Science and Environment, Delhi. The main objective of the lecture was to create awareness among students so that they can apply in the college as well as their homes as a part of green campus initiative. Mr. Rajneesh focussed about the sustainable development, carbon footprint, green campus programmes and solution to control the indoor air pollution by using some pollutant absorbing plants like cactus, aloe vera etc. He emphasised use of LEDs and solar panel for energy conservation in the college campus. He also suggested the annual energy audit to check the energy conservation status of the college annually. For the recharge of groundwater he discussed about water harvesting techniques like roof top water harvesting etc.



PRESENTATION BY STUDENTS

Students of eco-club delivered PowerPoint presentation on environmental issues.

First presentation was delivered by Ms. Archa Chandran, a student of B. A. (H) History on the topic "Global Warming". She has discussed about the reason of global warming and some remedial measure to control the rising temperature at global level.

Second presentation was delivered by Ms. Zill e Huma, a student of B.A. (P) on the topic "Energy Conservation". She discussed about the energy, energy sources, and energy types. She also discussed about the energy conservation techniques like utilization of conventional energy resources like of solar panel, wind mills etc. and at domestic level use of LEDs and solar panels. Third presentation was delivered by Ms. Priyam Puri, a

student of B.A. (H) English, on the topic "Green Campus Initiatives". She discussed about

Figure 28: Photograph and report of World Environment Day celebrations





Figure 29: Photograph of a Visit to Yamuna Biodiversity Park.



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Departmental Activities (Academic year 2016-2017)

1. Field Excursions:

Field Excursions are organized where students are taken to Aravalli Biodiversity Park, Vasant Vihar, New Delhi, Yamuna Biodiversity Park, near Wazirabad, New Delhi and Delhi Ridge (Kamala Nehru Park), New Delhi where students are given special outdoor lectures by Principal Scientists and Nature education team officers. Students get enough opportunity to interact with the experts to Study of Different Ecosystems, Biodiversity analysis, Role in Pollution Control, Natural Resources, Population Explosion learn various ecological processes and services while standing in field.

YAMUNA BIODIVERSITY PARK:



Figure 30: Photograph of a Visit to Yamuna Biodiversity Park





Figure 31: Photograph of visit to Wazirabad Central Delhi.





Figure 32 : Students went to Neela Hauz (Aravalli) Biodiversity park on the occasion of World Wetland Day Celebration.



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Even during the pandemic several online programmes were conducted to spread awareness on Environmental issues. An Online poster making competition was organised in May 2020.

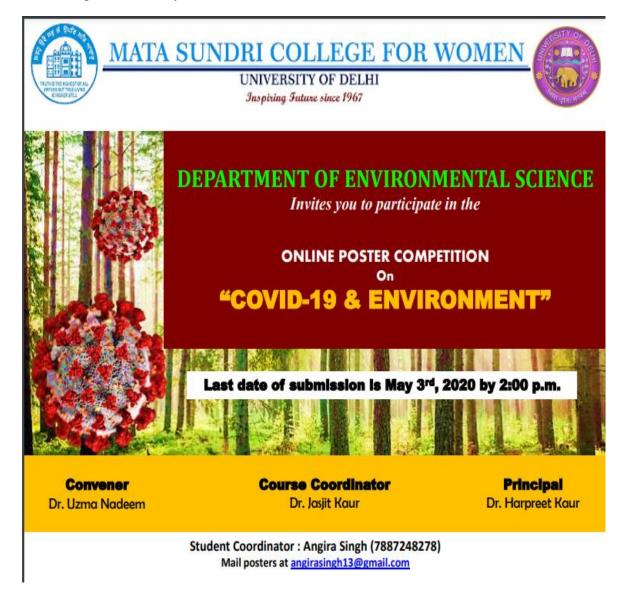


Figure 33: Poster of the online competition.



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A spectrum of activities are organized to raise the general consciousness of students towards waste management. This includes poster-competitions, Eco-Evolution competitions. We regularly stage plays and screen documentaries throughout the academic year to sustain the discourse on environment and waste.

Departmental Activities (Academic year 2018-19)

1. ECO-EVOLUTION:

"Conceptual model competition for countering environmental issues"

Department of Environmental Science organized a competition entitled "Eco-Evolution" (Conceptual model competition for countering environmental issues) on 21st February 2019, for all undergraduate non science students of Delhi University.

The main objective of the event was to create awareness among students of the different colleges so that they can practically apply the same in their colleges as well at their home to counter environmental issues. The event was judged by two external environmental expertise namely Dr. Abhishek Chandra, (Assistant Professor, Department of Environmental Science, Sri Venkateshwara College, Delhi) and Dr. Shibaji Baghar (Assistant Professor, Department of Botany, Swami Shradhanand College along with Dr. Rashmi Verma (Department of Mathematics, Mata Sundri College for Women, Delhi) as an internal judge.

As per the guidelines, students of different colleges registered and participated in the event with the models made from environment friendly materials only. Team of Keshav Jain and Aniket Garg from Sri Guru Gobind Singh College of Commerce won the first prize.

2. FB live lecture by Sunita Narain on Wednesday, Jan 30, 2019

Topic: Solid Waste Management Speaker: Ms. Sunita Narain, Director General, Centre for Science and Environment, New Delhi
Students of different courses of arts and science discipline [B. Se. Statistics (H), B.A. (H) Hindi] attended FB live lecture By Sunita Narain on Wednesday, Jan 30, 2019

3. Field Excursions:

Field Excursions are organized where students are taken to Aravalli Biodiversity Park, Vasant Vihar, New Delhi and Yamuna Biodiversity Park, near Wazirabad, New Delhi where students are given special outdoor lectures by Principal Scientists and Nature education team officers. Students get enough opportunity to interact with the experts to Study of Different Ecosystems, Biodiversity analysis, Role in Pollution Control, Natural Resources, Population Explosion learn various ecological processes and services while standing in field.





 Student Participation in Quiz Program on 15TH february 2019 which was organised by Petroleum Conservation Research Association, Government of India.

Students of different courses of arts and science discipline [B. Sc. Math (H), B.A. (H) Political Science, B.A. (H) Philosophy, B.A. (H) English and B.A. (P) participated in quiz program of "Saksham" certified by the Petroleum Conservation Research Association, Ministry of Petroleum & Natural Gas, Government of India, at Doordarshan, Mandi House on 15th February 2019.



Figure 34: Report of EVS activities.



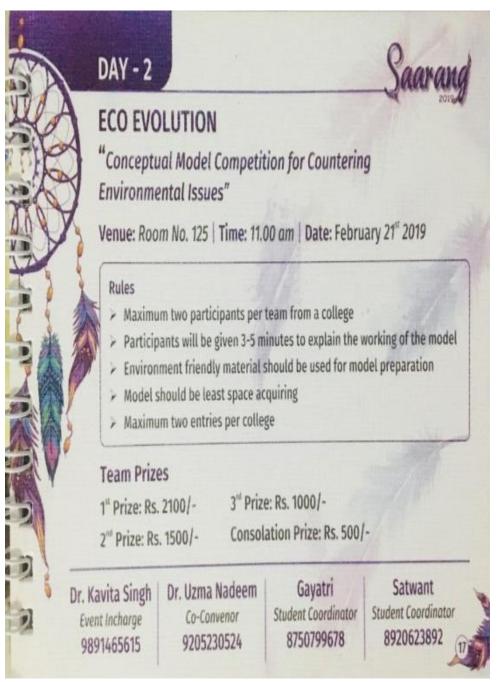


Figure 35: Poster of the inter-college Eco-Innovation and Eco-Evolution competition organized by EVS Department.



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ECO-INNOVATION



"Green Model Competition for Countering Environmental Issues"

Department of Environmental Science of Mata Sundri College for Women is organising all Delhi/NCR inter college green model competition in "SAARANG" (24th-25th February 2020). The concept of the model should be based on the theme of sustainable development and cover following areas:

- Waste Management
- Plastic Management
- · Pollution Control
- Energy Conservation
- Water Management

Rules:

- · Maximum two participants per team for a college.
- Maximum two entries per college.
- Model should be least space acquiring.
- · Environment friendly material should be used for model preparation.
- Participants will be given 3-5 minutes to explain the working of the model.
- On-spot registration is compulsory for the participation.
- · Permission letter from the Principal of the college is compulsory.



Please fill the registration form and mail it to ecoinnovationns/2020@gmail.com on or before 12th February 2020.





Figure 37 : Photograph of students displaying their entries at the Conservation of Energy competition.



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We also encourage our students to participate in various programs on environmental issues. Our students regularly participate in programs on Conservation of Energy Resources organized by the Petroleum Conservation Research Association Government of India.



Figure 38 : Photograph of students participating in Wall graffiti event organized by Petroleum Conservation Research Association.





Figure 39: Department of Environmental Science participated in the Fit-India Cycle Day organized by "SAKSHAM" PCRA for all students of Delhi University.



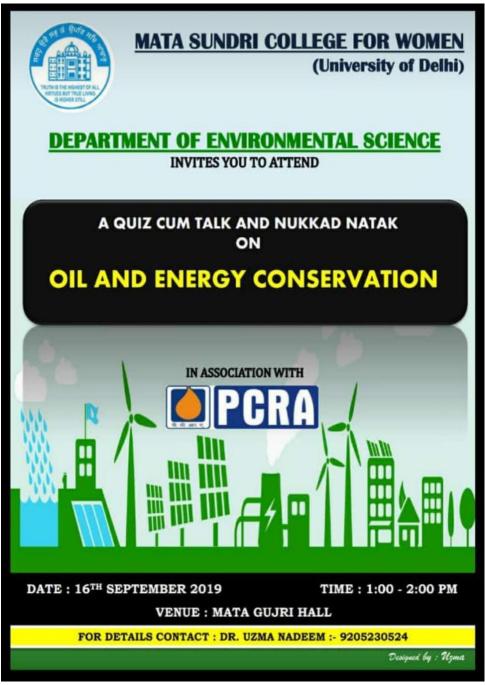


Figure 40: Poster of quiz and nukkad natak organized in association with PCRA.



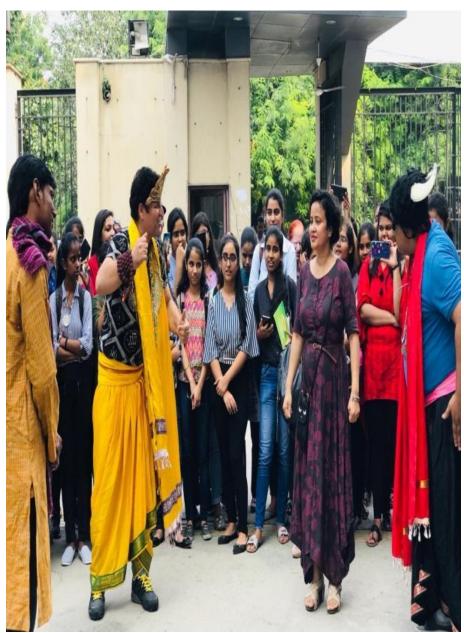


Figure 41: Some glimpses of Nukkad Natak.





Figure 42: Some glimpses of the Quiz cum Talk





Figure 43: Poster of talk on Fuel and Energy Conservation organized in association with PCRA.



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Figure 44: Photographs of students participating in Debate Contest organized by National Museum of Natural History, Ministry of Environment Forest and Climate Change, GOI.

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