Directorate of Outcome
Outcome Report(Event/Activity Organized @ AUH)

1. General Information

Date: 25-05-2022
Event Type: Workshop
Event Title: E-Waste & Circularity

Event Theme: E-Waste Managemnt
Venue: AUH
Web/Video Link of the Event:
Organized by: Amity School of Earth & Environmental Sciences (ASEES)
In collaboration with SAAHAS bE- Circular
Event Level: Institutional
Student Participation*: No. of Students from AUH (Course wise):- 201
Faculty Participation*: No. of Faculty Members from AUH (Deptt. wise):- 07
Participation from outside AUH*: No. of Students & Faculty Members-
(Enclose attendance sheets in given format)
Event Coordinator(s) with designation:
Dr. Shruti Dutta, Assistant Professor, ASEES
Dr. Aakriti Verma, Teaching Associate, ASEEs

Details of Expert/Speaker/Resource Person/Judge:

SN	Country Name	Expert Name	Organizatio n Name	Designation	Specialization	Conta ct No.	E-mail Id	CV of Expert (Yes/ No)	Major Areas where Amity can Collaborate with expert	Recomm ended by
1	India	Mrs. Panni Verma	SAAHAS	Project Manager	Organizational Development, Project Initiation and Implementation, Training Program Design, Communication & People Orientation, etc.					
2.	India	Ms. Deepika Chhetri	SAAHAS	Project Coordinator	natural resources					
3.	India	Mr. Shivam Rawat	SAAHAS	Project Coordinator	zero-waste sustainable solutions					

Criteria of Inviting Resource Person/Judge/Speaker/Judge (Write a paragraph):

Were the guest known in advance and if yes, from what previous interaction (Write a paragraph)?

2. Outcome of the Event with Time Lines (Proposed/Achieved)

Envisaged Outcome	Tangible/ Intangible	Achieved/ Proposed	Target date & responsibilities (if proposed)	Details of outcome
1. **Outcome related to Academia Connect**				
a) Collaborations for Research Papers/Conference Papers/ Book Chapter etc.	Intangible			

b) Collaborations & MOU for Research Guidance [PhD, PG & UG (summer training, Dissertation)] & Projects/Use of Instruments etc.	InTangible			
c) Collaboration for Funded Projects	Intangible			
2. Outcome related to Industry Connect				
a) Placement	Intangible			
b) Collaborations for Research Papers	Intangible			
c) Collaborations & MOU for Research Guidance [PhD, PG & UG (summer training, Dissertation)] &Projects/Use of Instruments	InTangible			
d) Collaboration for Funded Projects	Intangible			
3. Outcome related to Society Outreach				
a) Benefit to society in terms of Health & Hygiene				
b) Benefit to society in terms of Education	Helps in spreading awareness E-waste management and problems associated with it.			
4. Outcome related to Students Learning &Grooming				
Helped the students to understand that Just as human waste can pollute our oceans and air, **e-waste can take over landfills, pollute developing nations, and leach toxic chemicals into the earth**. **E-waste recycling is necessary but it should be conducted in a safe and standardized manner**.				
5. Any other				

3. Event Report along with glimpses of the event *(Photographs)*

General Introduction of the Event:

The Amity School of Earth & Environmental Sciences (ASEES) at Amity University Haryana, Gurugram, has always been a flag bearer to bring forth environment and sustainability education. Refer to course work of Environmental Studies of II semester UG programme; An interactive session with students on e-Waste: Environment and Circularity was conducted in workshop mode to cater requirements of Module 8 of course work ENV2251 & EVS 2252 **on** Title: **e-Waste: Environment and Circularity**

3.2 Inspiration &Objectives of the Event:
The growing concern about Earth, its Environment and Resources is a major thrust area in the current scenario. A circular economy approach to management of e-waste will play an important role in resource efficiency, reduction in pollution and waste, longer product-life, recovery of precious and rare materials, minimization of occupational and health hazards as well as in giving an impetus to the evolution of recycling industry.
The **Objective** is to reduce the amount of raw materials we use and maximising the value of materials along the production and consumption chain. **Waste is recycled where possible and brought back into production processes**.

3.3 Brief about the address/talk of speakers:
  ❖ The programme has been started with welcome address by Prof. (Dr.) Padmakali Banerjee

    Madam, Hon'ble Pro Vice Chancellor & Dean Academics of Amity University Haryana.

    wherein she welcomed the respected speakers from SAAHAS and faculty members and

students. She emphasized on the relevance of the Seminar and explained that **Electronic waste, also called e-waste, various forms of electric and electronic equipment, is an important point for discussion on the circular economy agenda. In a circular economy, the intention is to produce no waste or pollution. Instead, products, parts, and materials are used, cared for, repaired, reused, and recycled as much as possible. She also told about the GREEN attributes of AUH; how Amity Campus is managing the Solid Wastes and Waste water treatments.**

❖ Prof. Dr. I.S.Thakur has briefed out the session and highlighted the understanding of Recycling e-waste which not only helps to conserve energy, but it also recycles natural resources like copper, silver, and aluminum. Many of the metals used in our gadgets are rare earth metals that are in limited supply. When they are recycled they can be reused instead of having to mine for new supplies.

❖ The session was followed by words of motivation by Dr. Kushagra Rajendra, HOD, ASEES, he highlighted some of the emerging issues being faced by mankind in today's era in the management of E-Waste. **Ninety-five percentage of the e- waste in India is being recycled in non- formal sector and five percentage of the e- waste volume are handled in formal unit**. In and around of metropolitan cities in India, there are over 3000 units engaged in non-formal sector for e-waste recycling. He also emphasized that the current practices of e-waste management in India encounters many challenges like the **difficulty in inventorization, ineffective regulations, pathetic and unsafe conditions of informal recycling, poor awareness of consumers and reluctance on part of the stakeholders to address the issues**.

❖ **The Workshop, then started by Ms. Panni Verma, Project Manager, Saahas, Gurugram. She explained everything about E-waste. And also told the complete work background of SAAHAS, that it started from Bangalore and now works for almost all areas in India in terms of E-waste management.**

❖ **Topic: E-Waste : Environment & Circularity**

❖ The session was carried by Ms. Deepika, Project Coordinator, Saahas, wherein she told abou why E-waste is the fastest growing category of waste. She explained various categories of electronic items that contribute toward E-waste and how they can be managed.

❖ Furthermore, Mr. Shivam Rawat, Assistant Project coordinator, Saahas, he gave an insight about informal extraction of metals and other important substances like silver and gold etc from electronic waste batteries, chargers etc. Various heart-wrenching images were captured by him where women and kids were engaged in extracting activities without knowing the toxic impacts of such wastes on their health and life.

❖ The session ended with Vote of Thanks by Dr. Deepika Pandey, wherein she thanked Honorable PVC Mam for gracing the occasion, felicitated the speakers from SAAHAS and all the respectable faculty members and students.

3.1 <mark>'Take Homes' for the Guest and Attendees</mark>
<mark>Take Home was the installation was E-waste collector which was given by Team SAAHAS to ASEES , where we all can submit the E-waste from our homes and also from AUH, so that it is properly managed and goes through proper channel for formal resource recovery and recycling.</mark>

3.2 Future plan for utilizing the contacts developed with the Invited Guests
3.3 Budget of the Event(Budget Sanctioned, Total Expenditure & Revenue Generated)
3.4 Details of Awards if Any:

Awardee Details	Award / Position / Recognition Secured	Title of Innovation/ Start-up Secured the Award / Recognition	Award/Recognition/ Achievement Received for

3.8 Photographs with caption *(also share high resolution JPEG files of photographs)*

A Quality Initiative
Workshop: e-Waste: Environment and Circularity
Time: 10:30AM-12:00Noon
Date: 25th May 2022
Venue: A Block Auditorium

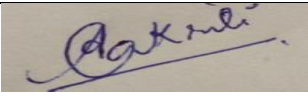| Time	Details
10:30-10:35AM	Opening remarks: **Dr. Kushagra Rajendra**, HoD, ASEES, AUH
10:35-10-40AM	Welcome address: **Prof. I.S.Thakur**, Director ASEES, AUH
10:40-10:45AM	Felicitation of Resource Persons and Photo click
10:45-10:50AM	Words of Motivation: **Prof. (Dr.) Padmakali Banerjee** Pro Vice Chancellor, Amity University Haryana
10.50-11.55AM	e-Waste: Environment and Circularity Ms. Panni Verma and Team **SAAHAS (bE-Circular E waste program)**
11:55-12.00PM	Interactive session /Selected question answer session
12.00-12.05 PM	Vote of Thanx: **Dr. Deepika Pandey**

Pre-Session Assessment link: https://forms.gle/6fVsuCNJF9Twj7r67

Directorate of Outcome (DOO)

3.9 Scanned copy of attendance sheets: Copy attached in the mail.
3.10 Few Scanned feedback forms of participants

S.No.	Participant Faculty Name	School	Designation	Signature
Attendance Sheet of Faculty Members (AUH)
Event Title:Date:
1	Prof. Dr. I.S Thakur	ASEES	Director, ASEES	
2	Dr. Kushagra Rajendra	ASEES	HOD, ASEES	
3	Dr. Shaili Nigam	ASEES	Associate Professor	
4	Dr. Shruti Dutta	ASEES	Assistant Professor	

5	Dr. Deepika Pandey	ASEES	Assistant Professor	
6	Dr. Aakriti Verma	ASEES	Teaching Associate (Outcome Coordinator)	
7	Alok Kumar	ASEES	Executive Assistant	

Name & Signature of the Event Coordinator

Attendance Sheet of Students (AUH)				
Event Title:Date:				
S.No.	**Participant Name**	**School**	**Programme & Semester**	**Signature**
1				
2				
3				

Name & Signature of the Event Coordinator

Attendance Sheet of Outside Participant				
Event Title:Date:				
S.No.	**Participant Name**	**School**	**Designation/Programme &sem(if student)**	**Signature**
1				
2				
3				

Name & Signature of the Event Coordinator

Signature of HOI

Kushagra

Stamp of the Department