

# **FUNCTIONAL EXPOSURE REPORT**

On

## **MEANT4ENVIRONMENT**

For the partial fulfilment of the requirement of  
Bachelor of Arts (Journalism & Mass Communication)

By

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**Enrolment: 1909200026**

**Year 2021-22**



**School of Journalism & Mass Communication**

**K.R. Mangalam University**

**Sohna Road**

**Gurugram**



## CERTIFICATE

I, Mr. /Ms Devannshi Thapar, Enrolment No: 1909200026 Batch (2019-22) certify that the Functional Exposure Report (SJJM) is original work done by me and it has a detailed report of authentic work carried out by me at Meant4Environment.

Signature of the Student:



Date:





# CERTIFICATE



Meant4Environment Foundation

SWACHH  
SURVEKSHAN  
2020

## *Certificate of Appreciation*

***Devannshi Thapar***

contributed as an Intern in Solid Waste Management and Good Human Health initiatives organized from 1st September 2021 to 31st October 2021.

We acknowledge his commendable efforts for the social cause.

*Manju Ranjan*

Ms. Manju Ranjan  
(Founder Director)

*Manasvi*

Dr Manasvi Maheshwari  
(Education-Industry Coordinator)



*Taking Responsibility for Nature Sustainability*





## ACKNOWLEDGEMENTS

This report has been prepared for the internship that has been done in the Gurugram (MEANT4ENVIRONMENT), in order to study the practical aspect of the course and implementation of the theory in the real field with the purpose of fulfilling the requirements of the course of BA(JMC) Bachelor of journalism and mass communication.

The aim of this internship is to be familiar to the practical aspect and uses of theoretical knowledge and clarifying the career goals, so I have successfully completed the internship and compiled this report as the summary and the conclusion that have drawn from the internship experience.

I would like to express my sincere gratitude to our internship coordinator who have given their valuable time and given me chance to learn something despite having their busy schedule and Ms. Manju Ranjan for her great guidelines for internship. I am also thankful to other staff member for their co-operative support, and also presenting with an opportunity for me to have a practical experience in this organization.

Lastly, I would like to thank Dr. Ritika Saxena for providing this opportunity to work in Meant4Environment. I am also grateful to all member of Meant4Environment for providing the knowledge of different ways of managing waste plastic and converting it into a benefit of the society. Thus, the time in Meant4Environment very audacious and supportive to my career through which I have gained valuable work experience that will help definitely makes a favourable impression on me as a prospective future employer.



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## Chapter-1: INTRODUCTION

### About the Company: Meant4Environment



NGOs are voluntary organizations (VOs). These are popularly known as NGOs because they are free from governmental control in their functioning. They are democratic and open to all those wishing to become member of the organization voluntarily and serve the society.

Meant4Environment Foundation is Working to Spread Awareness on Environmental Initiatives to bring small individual efforts together to create Positive impact and achieve Sustainable Development. We wish to make Environment clean, Healthy, safe, Peaceful, prosperous and progressive for all.

India is a rapidly developing economy, and we are creating new milestones every day in all the fields, But the harsh truth is that development comes at the cost of natural resources and environment so, what should we do as a nation so that we are able to match the pace with the world and can preserve nature simultaneously?

The answer lies in "Sustainable Development" Lots of Initiatives are already happening at global, national and local levels, However, to bring desired change, all of us needs to participate and therefore, we need a Platform that unites the small efforts from all to create a Significant Impact.



## **COMPANY PROFILE**

Our key focus is on creating awareness on small changes in our lifestyle that can lead to Sustainable development by encouraging.

### **Team Members**



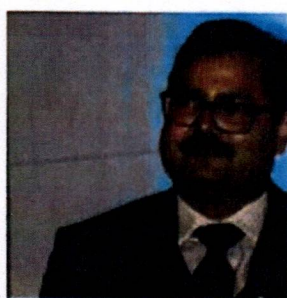
**Ms. Manju Ranjan**

**Founder Director**

Manju Ranjan is the Founder Director to NGO - Meant4Environment Foundation based in Gurugram, Haryana, India. Meant4Environment Foundation is actively working PAN India to spread awareness and execution of environmental initiatives by bringing small individual efforts together to create impact and achieve Sustainable Development. They work in collaboration with Government and Non-government Organizations, Municipal Corporations, schools and universities. They look forward to doing their bit towards the Environment via this joint effort and contribute in making of Clean, Prosperous and Healthy Nation for our younger generations. Ms. Manju Ranjan is a Training Consultant by profession, having an experience of more than 20 years. She is a Master Trainer and serving consultant to LSSSDC (Life Sciences Sector Skill Development Council) for providing technical and soft skills training to the trainers (TTT) across the country. She has also worked on national and international assessment projects for reputed clients. She conducts Personality Development and Communication Skills sessions with



school and college students. In year 2018 she associated with APPT- Association of Plastic Packaging and Tableware to represent their challenges of Plastic Industry to MOEFCC - Ministry of Environment, Forrest and Climate Change. Now, she provides EPR consultancy to PDC industry.



**Mr. Vikas Ranjan**  
**Director**

Vikas Ranjan, a lawyer by profession, an Intellectual Property law expert and with more than 2 decades of corporate experience. Being a Director to Meant4Environment Foundation, He is putting his knowledge and capabilities to help the exploited section of society. Be it be their rights to get the original product, human rights, female rights or weaker section of society. Not only he provides the free of cost guidance but also ensures expediting of the legal process to get justice.





**Mr. Prabhat Ranjan**

**Honorary Advisor**

Mr. Prabhat Ranjan is a social worker and an expert of rural issues. He provides guidance on wet waste management and other agricultural issues to help farmers to achieve prosperity and cleaner surroundings.

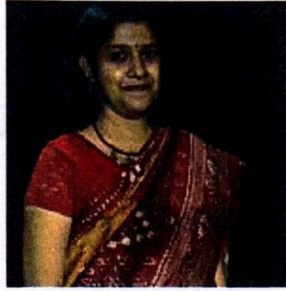


**Ms. Shalinee Agarwal**

**Technical Advisor**

Ms Shalinee Agarwal is a teacher by profession with more than 10 years of experience. Being Post graduate in Environmental Science, she mentors the team and provides direction in all initiatives. She also conducts training at different levels in residential areas on household segregation.

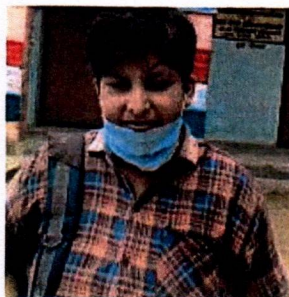




**Dr. Manasvi Maheshwari**

**Education Industry Co-ordinator**

Dr Manasvi Maheshwari, Associate Professor, DME Media School, Noida. A doctorate in Mass Communication who strongly believes in learning by doing. She has more than 12 years of teaching experience and her aim is to inculcate a sense of belongingness in the students towards the nature and environment. She continuously thrives to instill the thought of 'giving back to the society and nation' among the young generation. She has been involved in the social welfare initiatives through her research work. She has taken up student driven projects on Swachh Bharat Abhiyan, Beti Bachao Beti Padhao and Sustainable Environment. Being an Education Industry Coordinator to Meant4Environment Foundation, she coordinates tie-ups with different institutions and mentors students with her expertise and professional guidance.



**Ms. Priyanka Priya**

**Bihar State Co-ordinator**



Ms Priyanka Priya is teacher by profession and a committed social worker working for female empowerment in remote villages of Bihar. From knowing their basic rights and duties to being educated and financially independent, she is always there for the females around them. Working in close association with Village Panchayats she ensures smooth way for tough issues and also help ladies to get benefits of the welfare schemes run by government.

## **Chapter-2: OBJECTIVE**

"Meant4Environment" is a foundation working with the same objective, that is taking responsibility for nature sustainability.

- Solid Waste Management
- Recycling of Dry Waste
- Clean and Green Surroundings
- Good Human Health
- Peace and Prosperity for All
- Consumer Awareness

Meant4Environment Foundation is Working to Spread Awareness on Environmental Initiatives to bring small individual efforts together to create Positive Impact and achieve Sustainable Development. We wish to make Environment clean, Healthy, safe, Peaceful, prosperous and progressive for everyone.



## **Chapter-3: WORK DONE**

Meant4Environment Foundation is an Indian Foundation like NGOs. This foundation is today's most Helpable and Respected Foundation and Huge Network in India and a Leader in Internet. Working with Meant4EnvironmentFoundation is really a very great learning experience. I have worked with Meant4Environment Foundation in Project Management Team.

Before everything, the actual work uses visual compositions to solve problems and communicate ideas to the public and aware about this. There's no one way to do that, and that's why there are several types of managing the waste, each with their own area of specialization. Though they often overlap, each type of work specific methods.

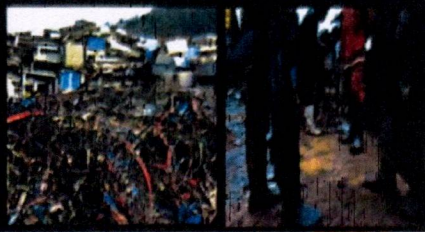
E-waste is any electrical or electronic equipment that's been discarded. This includes working and broken items that are thrown in the garbage or donated to a charity reseller like Goodwill. Often, if the item goes unsold in the store, it will be thrown away. E-waste is particularly dangerous due to toxic chemicals that naturally leach from the metals inside when buried.

According to the World Health Organization (WHO), health risks may result from direct contact with toxic materials that leach from e-waste. These include minerals such as lead, cadmium, chromium, brominated flame retardants, or polychlorinated biphenyls (PCBs). Danger can come from inhalation of the toxic fumes, as well as from the accumulation of chemicals in soil, water, and food.

This puts not just people in danger but land and sea animals as well. In developing countries, the risks are exceptionally high because some developed countries send their e-waste there. Studies have shown this global e-waste has detrimental effects on the people that work with the e-waste but also the people that live around it. Because of this, a proper recycling process needs to be put in place to protect us and future generations.



Exploring linkages between E-waste (recovery of minerals), conflict minerals and Green ICT supply chain



PRESENTED BY:  
DEVANNSHI THAPAR

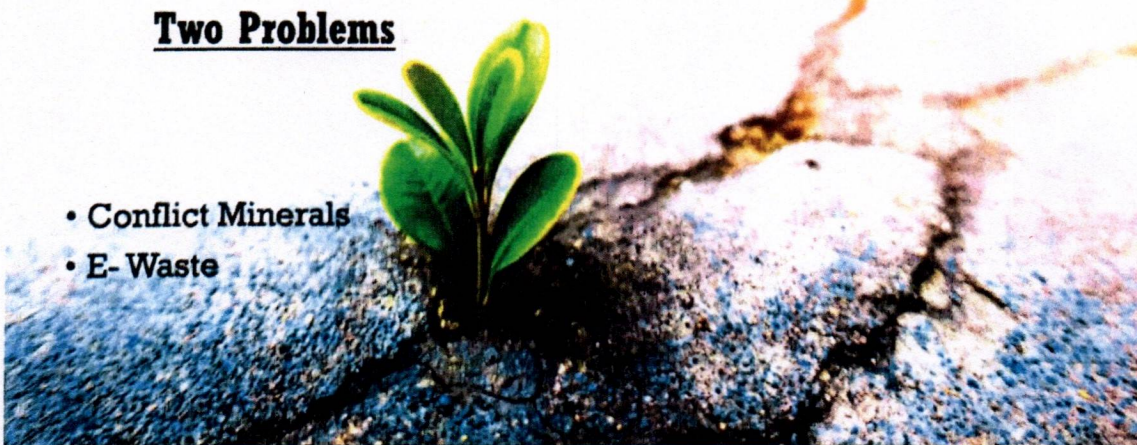
SUBMITTED TO: MS.  
MANJU RANJAN



Since we know, consumers will keep buying new devices, it's important to keep reinforcing that message that we need to recycle the older models, not throw them out. There are serious environmental risks if we send our electronics to a landfill. In contrast, recycling provides considerable benefits to our environment.

## **Two Problems**

- Conflict Minerals
- E- Waste

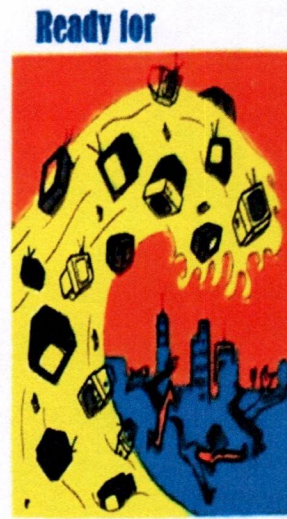




## The Problem Statement: E-waste

- Huge waste volumes
- Biggest and fastest growing manufacturing waste.
- Landfilling of E-waste
- Informal recycling
- Trans-boundary E-waste dumping
- Closing the loop

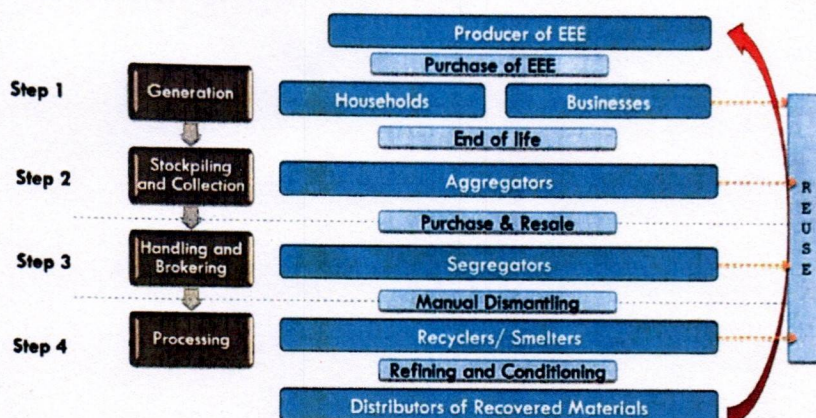
USA generated **3.16 million tons**  
**Only** 430,000 tons or **13.6 %** was  
recycled,  
Trashed – in landfills or  
incinerators or send overseas



A recent study about the rising electronic pollution in the USA revealed that the average computer screen has five to eight pounds or more of lead representing 40 percent of all the lead in US landfills. All these toxins are persistent, bio accumulative toxins (PBTs) that create environmental and health risks when computers are incinerated, put in landfills or melted down. The emission of fumes, gases, and particulate matter into the air, the discharge of liquid waste into water and drainage systems, and the disposal of hazardous wastes contribute to environmental degradation. The processes of dismantling and disposing of electronic waste in developing countries led to a number of environmental impacts as illustrated in the graphic. Liquid and atmospheric releases end up in bodies of water, groundwater, soil, and air and therefore in land and sea animals – both domesticated and wild, in crops eaten by both animals and human, and in drinking water.



## E-WASTE VALUE CHAIN



In May 2020, a scientific study was conducted in China that investigated the occurrence and distribution of traditional and novel classes of contaminants, including chlorinated, brominated, and mixed halogenated dibenzo-p-dioxins/dibenzofurans (PCDD/Fs, PBDD/Fs, PXDD/Fs), polybrominated diphenyl ethers (PBDEs), polychlorinated biphenyls (PCBs) and polyhalogenated carbazoles (PHCZs) in soil from an e-waste disposal site in Hangzhou (which has been in operation since 2009 and has a treatment capacity of 19.6 Wt/a). While the study area has only one formal emission source, the broader industrial zone has a number of metal recovery and reprocessing plants as well as heavy traffic on adjacent motorways where normal and heavy-duty devices are used. The maximum concentrations of the target halogenated organic compounds HOCs were 0.1–1.5 km away from the main source and overall detected levels of HOCs were generally lower than those reported globally. The study proved what researchers have warned, i.e., on highways with heavy traffic, especially those serving diesel powered vehicles, exhaust emissions are larger sources of dioxins than stationary sources. When assessing the environmental and health impacts of chemical compounds, especially PBDD/Fs and PXDD/Fs, the



compositional complexity of soil and long period weather conditions like rain and downwind have to be considered. Further investigations are necessary to build up a common understanding and methods for assessing e-waste impacts.

#### Leading ICT companies – On E-waste and EPR



- Dell offers free recycling in most places where it does direct business
- Dell provides information for recycling for its consumers in other geographies
- Its takeback program is especially effective in USA



invent

**NOKIA**  
Connecting People

- HP offers hardware recycling services for business consumers all over the world (in 46 countries of its operations)
- HP offers Consumer Buyback in USA

Nokia was one of the founders of the Electronics Coalition, which identified four key areas of concern in relation to the proposed directives:

- Producer responsibility.
- Industry responsibility for historic waste.
- Responsibility for free riders and orphan products. L
- Looking at substance legislation from a sound scientific perspective.

#### SHORT DOCUMENTARY ON WASTE SEGREGATION

[https://drive.google.com/file/d/1\\_epbwHQ9VDYBGXuQ3lzcSYq-p-x\\_ygBn/view?usp=sharing](https://drive.google.com/file/d/1_epbwHQ9VDYBGXuQ3lzcSYq-p-x_ygBn/view?usp=sharing)









## Chapter-4: LEARNING OUTCOMES

Working with Meant4Environment Foundation was a great experience for me. Working with the foundation teaches that there are many types and methods of managing the E Waste in the society. With this foundation we also learned about the importance of maintaining the environment clean. After joining we learn to be a serious concern in order to save the environment and serve for the wellness of the population. All of my objectives were fulfilled in the course of time that a lot of good work can be done.

**These are some special points we learnt:**

- ✓ Waste Generation- The materials that are identified and collected which are thrown away or gathered for disposal.
- ✓ On-site Handling, Storage, and Processing- The activities associated with the handling, storage, and processing of solid wastes at or near the point of generation.



- ✓ Collection- The collection and disposal of solid waste from various locations.
- ✓ Transfer and Transport- The transfer of wastes from the smaller collection vehicle to the larger transport equipment, to the disposal site.
- ✓ Processing and Recovery- Those techniques equipment and facilities used both to improve the efficiency of the other functional elements and to recover usable materials, conversion products, or energy from solid wastes.
- ✓ Disposal- The dumping of waste in a specific place for segregation

### **Summary:**

The organization Meant4Environment which is based in Gurugram, is committed to its work. This organization is actively working to spread awareness and execution of environmental initiatives by bringing small individual efforts together to create impact and achieve Sustainable Development. Organization is willing to associate with anyone who wants to encourage and support efforts that are Meant4Environment. They walk together with schools, colleges, facility providers, panchayats and Municipal Corporations to Create Awareness among masses. They look forward to doing their bit towards the Environment via this joint effort and contribute to making of Clean, Prosperous and Healthy Nation for our younger generations

- Project location
- The problem the project is trying to solve
- The project approach to solving the problem



- Number of targeted beneficiaries
- Grant amount requested and time frame
- Name of applying NGO(s)
- Contact information
- Impact

### **Conclusion:**

NGOs are very important since they offer an organization for local communication, action and also distributing resources when there are no existing local organizations. In fact, an NGO provides a mechanism that could possibly work where the government has failed. As a result, it supports grass roots initiatives as well as recognizing and responding to the realities of the local people. Additionally, NGOs provide a good alternative to creating mass access structures. These mass access structures are extremely cumbersome, unreliable and costly. Another major advantage of NGOs is that they have the capability of communicating at all levels. This means that they can easily interact with the local people and relay their messages to top levels of the government. They are also capable of recruiting highly motivated staff and experts with lesser restrictions than employees working for the government. NGOs are flexible in becoming accustomed to local conditions and responding to the local needs. For that reason, they can experiment freely with new approaches and take risks if necessary. They can develop integrated projects to help the local people.



## **References/Bibliography:**

- <https://meant4environment.org/>
- [https://twitter.com/manju\\_ranjan?s=08](https://twitter.com/manju_ranjan?s=08)