



TECHNICAL ACTIVITY CARRIED OUT BY CENTRES

Name of Centre		Meerut Local Centre	
Title of Activity:	World Environment Day		
Activity under Divisional Board	Statutory Days		
Date:	05-06-2023	Venue:	Google Meet

(Insert photo)	(Insert photo)
	
Title of photo : Speaker	Title of photo: Audience in Seminar

Brief Report :-

The event was organised online on Google Meet on 5th June, 2023. At the outset, the chairman of Meerut Local Centre of IEI, Er. M.L. Jain welcomed the speakers and the participants which included members of Meerut LCC and other corporate members. There were two speakers, namely Dr. Abhijit Maiti, Associate Professor, Department of Polymer and Process Engineering and Dr. Kirtiraj K. Gaikwad, Assistant professor Department of Paper Technology, both from IIT Roorkee.. The theme of the day was 'Solutions to Plastic Pollution'

Dr. Maiti discussed the issue in detail and suggested recycling, down-recycling and landfill of plastic waste. By down-recycling he meant change the waste into new products. He also suggested that we should go back to paper. The conclusions were as under

- Recyclable plastics should be recycled after proper collection through deposit method collection as already practiced in Germany, Canada, USA. Etc.
- Non-recyclable plastic should be less produced and landfill.
- More research work should be conducted to make available technology with energy-environmental footprint and cost effective.
- Bio-degradable plastic production from algae or other green sources need to be increased with better physical properties.
- Use alternative product of paper, hand-made multiple used alternatives.
- Strict rule and monitoring body need to be established in local level with no corruption approach to tackle present at level.

Dr. Gaikwad discussed government of India's plastic waste management policy rules and their time line. He mentioned that carry bag made of virgin or recycled plastic shall not be less than 75 microns in thickness till 31st December, 2022 and after that 120 micron. Sachets using plastic material shall not be used for storing packaging or selling, guthka, tobacco, pan masala. Recycling of plastic waste shall be only as per

the IS14534:1998-rule (b). He told that every local body shall be responsible for development and setting up of infrastructure for segregation, collection, storage, transportation, processing and disposal of the plastic waste either on its own or by engaging agencies or producers. He told that there is penalty on use (and littering) of banned single-use plastic items. Spot fine on waste generators is Rs. 5000/- and that on institutional waste generators is Rs. 5000/-. Local bodies can impose fine on retailer, seller and user of single-use plastic. He suggested plant based packaging material as alternative for single-use plastics.

The Hony. Secretary, IEI Meerut Local Centre, Er. R.P. Agrawal presented vote of thanks.