



P.P.N. (P.G.) College, Kanpur

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3.2.2: Number of workshops/seminars/conference including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship (Session: 2018-19)

Report On

Social Entrepreneurship in Textile Waste Management organized by: Department of Chemistry.

No. of participants: 126

Venue: Hazaley Auditorium

Date of the event: 02.02.2019

Time: 1:00 pm

Resource person Details:

Dr. Neelu Combo

Department Of Basic Sciences,

Uttar Pradesh Textile Technology Institute

Kanpur

Dr. Neelu Combo, Asst. Prof. & Dean Textile Institute delivered power point presentation on " **Social Entrepreneurship in Textile Waste Management**". Dr. Neelu Combo told the students that the effluents are liquid wastes or sewage disposal from industries which is discharged into a river or a sea. That pollutes our water system and the environment very much. Dr. Neelu Combo said that TEXTILES industries consume fibers that may be cotton, woolen and synthetic fibers, synthetic dyes, and many other chemicals. She explained that especially dyes are man-made organic aromatic compounds and are toxic in nature. She elaborated two kinds of textile processing techniques. The textile industries can be categorized into two major processes dry and wet fabric processes. In dry processing, solid waste is mainly generated, while in wet processing liquid wastes are mainly generated. This liquid waste from the textile industry contains toxic pollutants.

This excessive dye-laden wastewater has great impacts on our environment, especially photosynthetic activity in aquatic plants and animals, for example, fish. It may also affect human health due to the presence of heavy metals and chlorine in manmade dyes. Thus,



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wastewater effluent from textile industries must be treated before discharge into the water bodies.

She presented various treatment technologies including physical, chemical, biological, and hybrid methods, to remove pollutants from textile effluent. Dr. Neelu explained that the biodegradation process has advantages over physical and chemical processes being eco-friendly, low-cost, low infrastructure, and operating costs, low solid wastes, and complete mineralization into nontoxic end products.

The session was very informative. Students took interest and all the queries were answered by Dr. Neelu. 126 students took part in the seminar.




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Social Entrepreneurship in Textile Waste Management

Organized by
Department of Chemistry

Date: 02.02.2019

Resource Person:

Dr. Neelu Kambo
Department of Basic Sciences, Uttar Pradesh Textile
Technology Institute, Kanpur.

Coordinator:
Dr. Nidhi Srivastava
Dept of Chemistry
PPN College, Kanpur

Department of Chemistry organised a seminar on Social Entrepreneurship in Textile Waste Management on 02.02.2019



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Department of Chemistry organised a seminar on Social Entrepreneurship in Textile Waste Management on 02.02.2019