



Dated: 07-02-2024

## **NOTICE**

To,

The Principal,

K.L. Mehta Dayanand College for Women Faridabad

Respected Ma'am,

University Instrumentation Centre and School of Sciences, Manav Rachna University Faridabad is organizing a one-day workshop on “**Advanced Instrumentation and Sustainable Waste Management Techniques**” on 17<sup>th</sup> February 2024. In this regard we cordially invite your faculty members and students (U.G. and P.G. Final Year) to participate in the workshop. The aim of this workshop is to demonstrate advanced instrumentation and waste management techniques. The technical sessions will start from 9:30 AM onwards. The workshop will feature presentation, discussion and practical application focusing on the following topics:

- Utilization of advanced instrumentation techniques for monitoring and analytical applications
- Demonstration of waste management through anaerobic digestion process.

We could be delighted if you could encourage your faculty members and students to participate in this enriching event. We also request you to provide the information of the number of students and faculty members, who will be participating in the workshop.

Warm Regards

Dr. Vinayak V. Pathak

Manav Rachna University, Faridabad



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Declared as State Private University vide Haryana Act 26 of 2014

Creative

**UNIVERSITY INSTRUMENTATION CENTER  
&  
DEPARTMENT OF SCIENCES  
IN COLLABORATION WITH  
HSMD, MOEF&CC**

**ADVANCED INSTRUMENTATION AND  
SUSTAINABLE WASTE MANAGEMENT  
TECHNIQUES**

**VENUE: MG04-UIC    TIME: 9:30 AM ONWARDS  
DATE: 17TH FEBRUARY, 2024**

**ORGANIZING COMMITTEE**  
PROF. (DR.) MEENA KAPAH, DR. EKTA RAWAT, DR. PRITI GUPTA, DR. A. JAYMANI, DR. HARSHA DEVNANI, DR. VINAYAK V. PATHAK

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**EVENT REPORT**

**Title:** One day workshop on Advanced Instrumentation and Sustainable Waste Management Techniques

**Date:** 17-02-2024

**Time:** 9:30 am onwards

**Venue:** MG-04/UIC

**Number of Attendees:** 48

University Instrumentation Centre and School of Sciences, Manav Rachna University Faridabad is organizing a one-day workshop on “**Advanced Instrumentation and Sustainable Waste Management Techniques**” on 17<sup>th</sup> February 2024.

The students were welcomed in the inaugural session by Prof. (Dr.) Meena Kapahi (Dean, School of Sciences), Dr. Sandeep Kumar (Head, Department of Sciences), Dr. Vinayak V. Pathak (Incharge-UIC) and other faculty members of Department of Sciences, MRU.

In the first session of the workshop, Dr. Sandeep Kumar gave important information about the department to the participants. He explained about the courses offered in the department, research areas of the faculty members of the department, achievements the students have and what opportunities are available in the department for students. In the same session, Dr. Vinayak Vandan Pathak told the participants about the efforts made by the university regarding solid waste management. He also informed the students regarding facilities available at University Instrumentation Centre. Prof. (Dr.) Meena Kapahi discussed with the participants about various methods related to solid waste management and demonstrated different working models for solid waste management.

In the second technical session of the workshop, Dr. Priti Gupta and Dr. Ekta Rawat gave a demonstration to the participants of various state-of-the-art instruments installed in the University Instrumentation Centre. The participants understood the working of instruments like GC-MS, FTIR, Powder XRD, UV-Visible Spectrophotometer and RF-Sputtering and explained their applications. Research Scholars of Department of Science Ms. Eksha, Ms. Anjali Sharma, Mr. Osheen and

Ms. Neha provided hands-on training to sophisticated analytical instruments to the participants.

Dr. Vinayak v. Pathak and Dr. A. Jayamani took the participants on a tour of the wastewater treatment plant and biogas plant located in the University. The participants were explained in detail about the wastewater treatment and biogas production process.

**(Dr. Vinayak V. Pathak)**  
**In-charge, UIC**



## Glimpses of Event

