

Report of Environment Science Department

(2020-2021)



Mehr Chand Mahajan
DAV College for Women

Sector-36, Chandigarh

www.mcmdavcwchd.edu.in

1. **Name of the Department:** Environment Science

2. **Names of Programmes/Courses/ offered (UG, PG, Ph.D):**

Name of the Programme / Course	Class	Subject
PG	M.Sc.-II, 3 rd semester (Chemistry)	Environmental Chemistry
UG	BA-I	Environment, Road Safety, Violence Against Women and Children, Drug Abuse: Problem Prevention & Management
	BCom-I	Environment, Road Safety, Violence Against Women and Children, Drug Abuse: Problem Prevention & Management
	BBA-I	Environment, Road Safety, Violence Against Women and Children, Drug Abuse: Problem Prevention & Management
	BCA-I	Environment, Road Safety, Violence Against Women and Children, Drug Abuse: Problem Prevention & Management
	B.Sc.- I	Environment, Road Safety, Violence Against Women and Children, Drug Abuse: Problem Prevention & Management

3. **Number of teaching posts:** Assistant Professor (Contractual, 01 (Full Time))

4. **Faculty profile with name, qualification, designation, specialization**

S. No.	Name	Designation	Qualification	Specialization	Ph.D. students
1	Dr. Shafila	Assistant Professor (Contractual, full time)	JRF, Ph.D.	Environment Science and Environmental Chemistry	Nil

5. **Details of Publication of Books/Chapters in Books by the Faculty in the session (Hard Copies of the Title Page of the Journal/Contents and First page of the Paper/Book to be collected by the HODs): BOOK CHAPTER**

Name	Title of the Chapter	Title of book	Month/Year	Publisher	ISBN
Dr. Shafila	COVID-19 Pandemic: A Boon or Bane to the Environment	Stakeholder Strategies for Reducing the Impact of Global Health Crises	June/2021	IGI Global (International academic publisher)	9781799874959

6. Details of Publications by the Faculty in the session: (Hard Copies of the Title Page of the Journal/Contents and First page of the Paper to be collected by the HODs):

Name	Title of paper	Title of the Journal	Month/Year	PEER Reviewed/ Refereed	UGC Approved Yes/No	ISBN
Dr. Shafila	Electronic waste awareness- A survey in Chandigarh Tricity, India	New Horizons	August/2020	Yes	Yes	2277-5218

7. Details of Orientation Programmes/Refresher Courses/FDPs (Not less than 7 days at a stretch) etc. attended by the Faculty in the session: (Hard Copies of the Certificates to be maintained by the HODs)

Name	Orientation/ Refresher/ FDP	Title of the Programme	Organizing Agency	Duration	From-to
Dr. Shafila	Refresher	National Interdisciplinary Refresher course on Research Methodology and Data Analysis (sharpening skills through MS Excel, SPSS, MATLAB and R)"	Teaching Learning Centre, Ramanujan College, University of Delhi	Two weeks	24-03-2021 to 7-04-2021 and obtained grade A ⁺ .

8. Details of Activities/ paper presentations by the faculty in the session:

Dr. Shafila:

- (i) Attended 5-Day Faculty Development Program 'e-Content: Designing and Deployment using G-Suite' Organized by MCM DAV College for women, Chandigarh from 20-24 July 2020.

- (ii) Delivered a talk on ozone layer: importance depletion and current status to mark the celebration of international day for the preservation of the ozone layer. on 11-09-2020. Organised by Swachhta committee (Arts) of MCM DAV College for Women, Chandigarh, India.
- (iii) Participated in an Online Interactive Session on “Bioenergy from Food Waste” organized by Department of botany under the aegis of Swachhta Committee of Sciences on 06-02-2021, MCM DAV College for Women, Chandigarh, India.
- (iv) Participated in RUSA sponsored online workshop cum awareness programme on “Character Building through Education with special reference to National Education Policy” organized by Mehr Chand Mahajan DAV College for women, Chandigarh in collaboration with Vidarbha College of Arts, Commerce & Science, Jiwati, (M.S.) on 25-02-2021.
- (v) Delivered a lecture on Violence against women on 17-02-2021, in Post Graduate Government College for Girls, Sector -11 Chandigarh.
- (vi) Conducted workshop on paper recycling for NSS Units students of MCM DAV College for Women, Chandigarh, India on 20-03-2021.
- (vii) Participated in a workshop cum awareness programme organized by Character Building Committee of Mehr Chand Mahajan DAV College for women, Chandigarh to celebrate happiness at work on 22-03-2021.
- (viii) Conducted an online workshop as a resource person on Eco-Friendly Gift Packaging and wrapping at MCM DAV College for Women, Chandigarh, India on 04-05-2021.
- (ix) Delivered a Webinar on Environmental Impact of Plastic Cutlery and its Eco-friendly Alternatives at MCM DAV College for Women, Chandigarh, India on 08-05-2021.

9. Awards/ Recognitions received by faculty: N.A.

10. List of activities conducted by the department:

S. No.	Title of the activity	Practice	Academicians and Scientists/ visitors to the department or resource person	No. of Students	Date
1.	Caption Contest on Nature	A picture of mother nature clicked through the lens of Madam Principal ‘Dr. Nisha Bhargava’ was shared with the students to define its mood by their captions.	-	168	13, October’ 2020

2.	Two-day workshop on Diwali Sweets making	A total of 74 students from various streams, enthusiastically participated in the workshop. They did not just learn baking but also tried the given recipes and shared their pictures.	Dr. Shafila	74	12-13, Nov, 2020
3.	Workshop on paper recycling	The resource person, demonstrated step wise procedure of handmade paper making from waste papers, that could be used for various purposes like as a canvas for painting, making bookmarks, decorative envelope etc. Additionally, she explained the steps for making paper pencils.	Dr. Shafila	81 students of NSS unit	March 21, 2021
4.	Video message contest on the theme "Effects of Burning Garbage on the Environment"	A contest on video message on the theme "Effects of Burning Garbage on the Environment" was organized where over 24 students of various streams participated and sent their encouraging entries. Participants covered all the important aspects like current scenario of garbage disposal in the country, impacts of garbage burning on human, wildlife and environment and alterative of this practice.	-	24	April 08, 2021
5.	National level online E-poster making competition on the theme " Covid- 19: A boon or bane to the Environment"	An online National level E-poster making competition on the theme "COVID-19: A boon or bane to the environment" was organized. Over 121 students from various colleges of the country participated and sent their encouraging entries. Participants covered all the important aspects that how Covid-19 is affecting the environment.	-	121	April 12, 2021

6.	Online Webinar on Environmental Impacts of Plastic Cutlery and its Ecofriendly Alternatives	Keeping in view the environmental impacts of plastic cutlery used in parties and weddings, Department of Environment Science of the college in collaboration with MCM Eco-club organized an online webinar on Environmental Impacts of Plastic Cutlery and its Eco-friendly Alternatives. Over 62 students from various streams of the college participated enthusiastically. During webinar, Dr. Shafila highlighted properties of plastic, its types, its role and usage in our daily life, lifecycles of various plastic items and impacts on environment with special emphasis on marine environment.	Dr. Shafila	62	May 4, 2021
7.	Online workshop on eco-friendly gift packaging and wrapping	Keeping in view the environmental impacts of plastic boxes for gift packaging and plastic wrappings, Department of Environment Science of the college in collaboration with MCM Eco-club organized an online workshop on eco-friendly gift packaging and wrapping ideas. Over 78 students from various streams of the college participated enthusiastically. During workshop, Dr. Shafila demonstrated numerous attractive eco-friendly ideas on gift packaging. She promoted the use of handmade papers, recycled papers, newspapers as a substitute of non-	Dr. Shafila	78	May 8, 2021

		biodegradable plastic wrappings.			
8.	National Level Online Quiz on the occasion of World Environment Day – 2021	On the occasion of World Environment Day, NSS Units of Mehr Chand Mahajan DAV College for Women, Chandigarh in collaboration with the Department of Environment Science and MCM Eco Club of the college organized a National Level Online Quiz on 5 th June, 2021. In this quiz, more than 1000 participants including 24 faculty members belonging to three U.T. (Delhi, Jammu Kashmir and Chandigarh), more than 10 states (including West Bengal, Rajasthan, Uttarakhand, and Goa) and 15 different cities registered themselves for the event. The quiz was of 45 mins with 30 questions that were based on the theme.	-	1024	June 5, 2021