



Department of Environmental Studies

Under the Aegis of JDMC-IQAC Centre for Career Counselling, Career Opportunities & Skill Enhancement

**Janki Devi Memorial College
University of Delhi**

Multidisciplinary Aspect of Environmental Sustainability – Towards Sustainable Fashion and Wildlife Conservation

Date of Commencement: 27th September, 2021

Date of Completion: 22nd January, 2022

Report: The 30 hours skill and knowledge-based course offered by EVS department was designed to challenge the emerging threats to urban and natural ecosystems. The interdisciplinary course addressed the socio-economic-environment impacts of the unsustainable fashion industry, excessive consumerism and the resultant environmental pollution, and wildlife biodiversity loss. It introduced students to the concept of environmental sustainability and helped them to understand, analyse, and contribute to finding solutions for environmental problems arising due to unsustainable human activities. The course started on 27th September, 2021 and was completed on 22nd January, 2022. The curriculum consisted of two modules namely, (i) Sustainable fashion and (ii) Wildlife conservation.

In module 1 the participants learnt about (i) socio-economic-environmental impacts of fast fashion industry, (ii) rise of consumerism and assessment of carbon-footprint of fashion industry, (iii) environmental hazards of artificial dyes in our clothes, (iv) circular economy and sustainability of fashion industry, (v) techniques on designing surveys and analysing data, (vi) project writing tips. In module 2 the participants learnt (i) multidisciplinary nature of wildlife conservation, (ii) photography as a conservation tool, (iii) introduction to common techniques like field survey, camera traps, GPS, bioacoustics tools, (iv)

funding opportunities in national and international organizations working in wildlife conservation.

Eighteen graduate and post graduate across the University of Delhi, Jiwaji University, Wildlife Institute of India, St. Joseph's College Mumbai, Guru Ghasidas University, and Department of Forestry and Environmental Science, Kumaun University participated in this course.

Outline and output of Course:

Students learnt to design online surveys, collect data, and analyse data. Students learnt the basics of social entrepreneurship, sustainable fashion choices, and writing tips to find project opportunities. Students learnt the tool and techniques used in wildlife conservation, wildlife photography/ videography, and tips to write and participate in wildlife census and projects.

Evaluation method:

For evaluation, participants were given 4 different tasks on making a project proposal, making observation sheets, making an online survey, and project writing. Based on the assessment the participants were given different grade. Out of 18 participants, 7 received 'A+' grade, 4 received 'A' grade, 4 received 'B+' grade, and 3 received 'B' grade.

Future Planning and Scope: The department will run this course again and will collaborate with scholars working on different aspects of Environment.

Lecture Recording Link:

<https://drive.google.com/drive/folders/1GmN468a5nQ5QpgmKWNDVvN-WptVTgxfu?usp=sharing>

Feedback and attendance link:

https://drive.google.com/drive/folders/1VyO_kjL3ydleAR73EuWoWRHQbDJmd7J1?usp=sharing

Strong and Weak points of course:

1. ICT Tools used in the course
2. Quizizz tool for real time surveys
3. Google meet for online surveys
4. Google forms for making questionnaires
5. Focus on project designing

The course will be advertised to get more students.

Course Duration: 30 hours

No. of Students enrolled: 18

Course Fee and total amount: INR 500 (Total INR 9000)

Add-on course coordinators: Dr. Jayanti P Sahoo and Dr. Sipu Jayswal

Course Coordinator: Dr Deepak Rawat, Department of Environmental Studies



Dr Deepak Rawat

Resource Persons:

1. Dr Deepak Rawat (Environmental Sciences) Assistant Professor, PhD Department of Environmental Science, JDMC
2. Ms Ifrah Rehman (Environmental Sciences) Assistant Professor, Department of Environmental Science, JDMC
3. Mr Gaurav Vashistha (Wildlife Conservation) PhD Scholar, Department of Environmental Studies, University of Delhi
4. Mr Sudipto Majumdar (Plant Ecology) PhD Scholar, Department of Environmental Studies, University of Delhi



Mr Gaurav Vashistha

Ms Ifrah Rehman

Mr Sudipto Majumdar

List of Participants and Attendance

Name	Affiliations	Grade	Attendance
Simran	Janki Devi Memorial College, University of Delhi	A+	Above 80%
Anamika Aditi	Janki Devi Memorial College, University of Delhi	A+	Above 80%
Chakrawarti	Janki Devi Memorial College, University of Delhi	B	Above 80%
Mohd. Kasim	Kumaon University	B	Above 60%
Mini Jain	Jiwaji University	A+	Above 80%
Daxita Sharma	Janki Devi Memorial College, University of Delhi	A+	Above 80%
Rohit	Swami Shraddhanand College, University of Delhi	B+	Above 60%
Nishtha Shrivastava	Guru Ghasidas University	B+	Above 60%
Priya	Janki Devi Memorial College, University of Delhi	A+	Above 80%
Arif Ahmad	WII, Dehradun	B	Above 60%
Rohan Baishya	St. Joseph's College,	B+	Above 60%
Pranjali Bhardwaj	Janki Devi Memorial College, University of Delhi	A	Above 80%
Ishita Rai	Janki Devi Memorial College, University of Delhi	A	Above 80%
Nikhil Mudgal	Dept. of Environmental Studies, University of Delhi	A	Above 80%
Katyayani	Janki Devi Memorial College, University of Delhi	A+	Above 80%
Sejal	Janki Devi Memorial College, University of Delhi	A+	Above 80%
Pranyesha	Janki Devi Memorial College, University of Delhi	A	Above 80%
Niharika	Miranda House, University of Delhi	B+	Above 60%

Poster and Brochures:



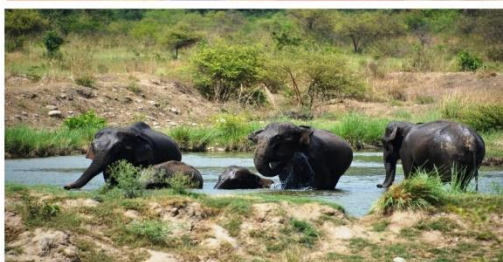
JANKI DEVI MEMORIAL COLLEGE
(UNIVERSITY OF DELHI)

DEPARTMENT OF ENVIRONMENTAL STUDIES
Under the Aegis of JDMC-IQAC Centre for Career Counselling, Career
Opportunities & Skill Enhancement

IS OFFERING AN ONLINE ADD-ON COURSE
ON



'Multidisciplinary Aspect of Environmental Sustainability–Towards Sustainable Fashion and Wildlife Conservation'



ABOUT THE COURSE

The skill and knowledge-based course is designed to challenge the emerging threats to urban and natural ecosystems. The interdisciplinary course will address socio-economic-environment impacts of the unsustainable fashion industry, excessive consumerism and the resultant environmental pollution, and wildlife biodiversity loss. It will introduce students to the concept of environmental sustainability and help them to understand, analyse, and contribute to finding solutions for environmental problems arising due to unsustainable human activities.

ADVANTAGES OF THE COURSE

Students will learn to design online surveys, collect data, and analyse data using statistical tools. Students will learn the basics of social entrepreneurship, sustainable fashion choices, and writing tips to find project opportunities. Students will learn the tool and techniques used in wildlife conservation, wildlife photography/ videography, and tips to write and participate in wildlife census and projects.

Course type: Certificate Course

Eligibility: Students of JDMC and other colleges/ universities (for all courses) (First come first serve basis)

Course Fee: Rs. 500

Timings: From September 27, 2021, 4 hours per week (Monday 5-7 pm, Saturday 3:30-5:30 pm)

Registration last date: September 26, 2021

Course duration: 30 hours

Mode of teaching: Google Meet



RESOURCE PERSONS

Deepak Rawat (Environmental Sciences)

Assistant Professor, PhD

Department of Environmental Science, JDMC

Gaurav Vashistha (Wildlife Conservation)

PhD Scholar

Department of Environmental Studies, University of Delhi

Ifrah Rehman (Environmental Sciences)

Assistant Professor

Department of Environmental Science, JDMC

Shneel Malik (Architect/ TEDx speaker)

PhD Scholar

Bio-Integrated Design (Bio-ID) Lab, The Bartlett School of Architecture, UCL, London.

Founder, Induswater

Sudipto Majumdar (Plant Ecology)

PhD Scholar

Department of Environmental Studies, University of Delhi

COMPONENT OF COURSE

Module 1 (20 hours)

- Introduction to socio-economic-environmental impacts of fast fashion industry.
- Rise of consumerism and assessment of carbon-footprint of fashion industry.
- Introduction to sustainable fashion choices - a multidisciplinary approach.
 - *Environmental Studies* – Environmental hazards of artificial dyes in our clothes. Microbes to rescue? Techniques on colour extraction from natural products.
 - *Social entrepreneurship* – Role of local handicraft/artisans in fashion industry, how to find opportunities (writing tips).
 - *Bio-Design* – Introduction to the concept of design, how to make use of everyday objects for environmental sustainability.
 - *Economics* – Economic and environmental cost of fashion industry, circular economy and sustainability of fashion industry, role of the consumers.
- Techniques on how to design surveys and analyze data using statistical techniques.

Module 2 (10 hours)

- Introduction to multidisciplinary nature of wildlife conservation.
- Photography as a conservation tool - importance of documenting wildlife and showcasing wildlife videos.
- Introduction to common techniques (field survey, camera traps, GPS, bioacoustics tools) used in wildlife conservation
- Funding opportunities in national and international organizations working in wildlife conservation.

IMPORTANT INFORMATION/ BANK DETAILS

Interested students can register using the following link:

[Add-on course registration link](#)



Bank Name: Canara Bank

Branch: JDM College

Account Name: JDM SS A/C

Account number: 8594101050003

IFSC Code: CNRB0008594

(Fee will be collected through online banking/ Fee is non-refundable)

CONTACT

Dr Deepak Rawat (course coordinator)

deepakrawat@jdm.du.ac.in

Ifrah Rehman

ifrah@jdm.du.ac.in

Prof. Swati Pal

Principal JDMC

Certificate pattern:



JANKI DEVI MEMORIAL COLLEGE

(UNIVERSITY OF DELHI)

SIR GANGA RAM HOSPITAL MARG, NEW DELHI-110060



DEPARTMENT OF ENVIRONMENTAL STUDIES

UNDER THE AEGIS OF

JDMC-IQAC CENTRE FOR CAREER COUNSELLING, CAREER OPPORTUNITIES & SKILL ENHANCEMENT

CERTIFICATE OF PARTICIPATION

This is to certify that Ms. Anamika from Janki Devi Memorial College, has successfully completed the 30 hours online add-on course "Multidisciplinary Aspect of Environmental Sustainability-Towards Sustainable Fashion and Wildlife Conservation." The course was offered between September 27th, 2021 - January 22nd, 2022

Modules Completed: Sustainable fashion (M1) and Wildlife Conservation (M2)

Grade Obtained: A+

DR. DEEPAK RAWAT
(COURSE COORDINATOR)

DR. JAYANTI P. SAHOO
(ADD-ON COURSE CONVENOR)

DR. SIPU JAYASWAL
(ADD-ON COURSE CONVENOR)

DR. SHILPA CHAUDHARY
(IQAC COORDINATOR)

PROF. SWATI PAL
(PRINCIPAL)

Photographs of the course:

Add-on course EVS (2021-09-27 at 04:37 GMT-7)

About the course

Resource persons

Modules



'Multidisciplinary Aspect of
Environmental Sustainability-Towards
Sustainable Fashion and Wildlife
Conservation'

WHY THIS COURSE?

- Course is designed to challenge the emerging threats to urban and natural ecosystems
 - Fashion industry
 - Wildlife conservation
- Aims to strengthen our understanding of our immediate environment
- To identify our role in the protection of environment
- Knowledge and skill based interactive course



Deepak Rawat

Add-on course EVS (2021-09-27 at 04:37 GMT-7)

Add-on course EVS (Module 1/ Class 3) (2021-11-08 at 03:36 GMT-8)

Add-on course EVS (Module 1/ Class 4) (2021-11-13 at 02:05 GMT-8)

Course Coordinators: Dr Deepak Rawat, Department of Environmental Studies

A handwritten signature in blue ink, appearing to read 'Deepak Rawat', with a large, stylized loop at the top and a long horizontal stroke at the bottom.