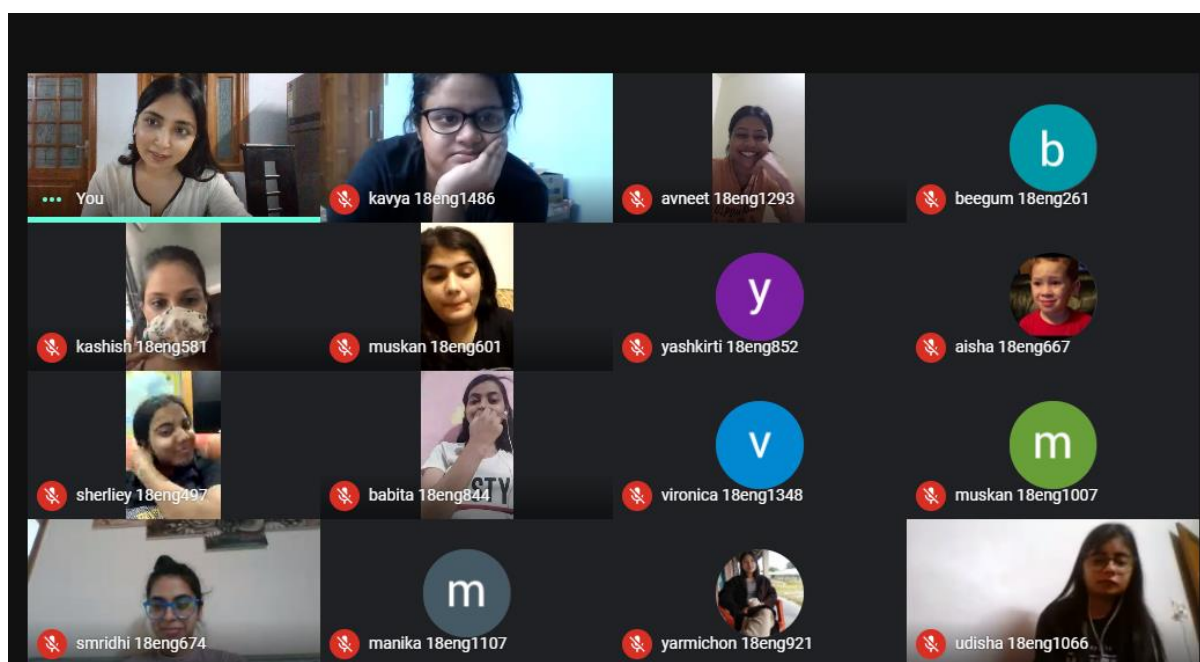


Department of Environmental Studies

The Department of Environmental Studies, established in 2014 at the orders of the Supreme Court, teaches a compulsory paper “Environmental Science” as an Ability Enhancement Compulsory Course (AECC) under Choice Based Credit System (CBCS), to first year students w.e.f. session 2015-2016. The course aims to provide knowledge and understanding of the natural environment, its importance and various environmental issues, to the first-year students of all disciplines.


Departmental Activities:

1. During 2020-2021, the Department of Environmental Studies, given the circumstances, organized an Add-on Course to raise awareness amongst the students on “Environment Sensitization for the post-Covid world: A wake-up call” for all second- and third-year students from September 01 to November 17th, 2020 led by Ms. Ifrah Rehman.



A session of the add-on course with B.A.(H) English students of 3rd year

2. The EVS department also completed the add-on course on “Multidisciplinary Aspect of Environmental Sustainability–Towards Sustainable Fashion and Wildlife Conservation.” The skill and knowledge-based course was designed to challenge the emerging threats to urban and natural ecosystems. The interdisciplinary course addressed socio-economic-environment impacts of the unsustainable fashion industry, excessive consumerism and the resultant environmental pollution, and wildlife biodiversity loss. The course coordinated by Dr Deepak Rawat and Ms Ifrah Rehman was joined by 18 undergraduate and post-graduate students of different universities. The course was initiated in September, 2021 and completed in January, 2022.



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 Vashishta (Wildlife Conservation)
PhD Scholar
Department of Environmental Studies, University of Delhi

Ifrah Rehman (Environmental Sciences)
Assistant Professor
Department of Environmental Science, JDMC

Shreel Malik (Architect/ TEDx speaker)
PhD Scholar
Bio-Integrative 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 handcraft/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.
 - Eco-wisdom* – 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: 859101050003
 IFSC Code: CNRB0005594
 (Fee will be collected through online banking/ Fee is non-refundable)

CONTACT

Dr Deepak Rawat (course coordinator)
deepakr@jdmcollege.edu

Ifrah Rehman
ifrah@jdmcollege.edu

Prof. Swati Pal
Principal JDMC

3. The EVS department is also coordinating with the Research for Resurgence Foundation (RFRF) to participate in the 'Nadi ko Jano' campaign. All the students of the college are registered for the campaign which aim to collect data on the rivers. The data can be collected using the 'Nadi ko Jano' mobile app. The EVS department, on January 20th 2022, in collaboration with Bharatiya Shikshan Mandal, Delhi Prant also organized a workshop on the use of the mobile app.



JANKI DEVI MEMORIAL COLLEGE
UNIVERSITY OF DELHI

in association with
BHARATIYA SHIKSHAN MANDAL, Delhi Prant

presents a workshop on
“NADI KO JANO”

SPEAKER
Prof. Ranjan Kumar Tripathi
Gurukul Prakalp Pramukh BSM (Delhi)
Mahasanchalak "Nadi ko jano" abhiyan (Delhi)

Technical Expert
Dr. Shambhu Nath Mishra

Special Thanks
Prof. Ravi Prakash Tekchandani
Prant Adhyaksh BSM, Delhi Prant
Nodal Officer – "Nadi ko Jano", University of Delhi

नदी को जानो

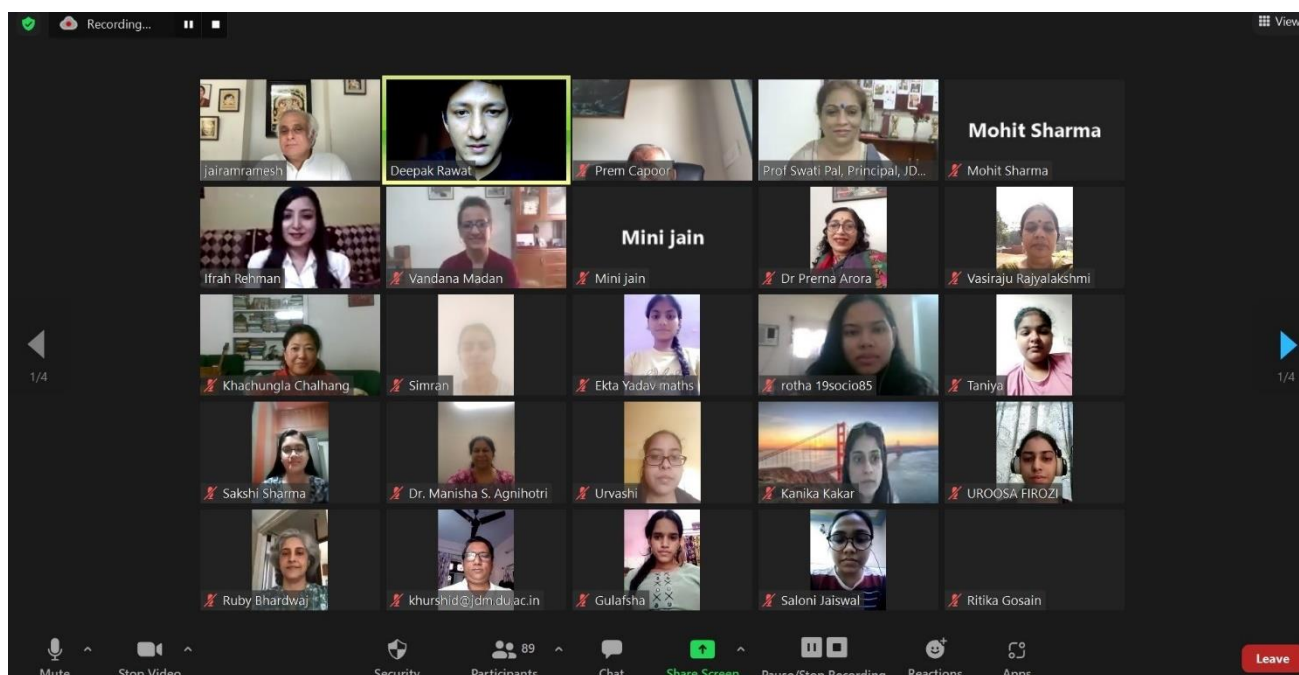
Date: January 20th, 2022, **Time:** 3:30 PM
Platform: Zoom Meeting
Meeting ID: 817 2406 9291, **Passcode:** 123456
Link: <https://us06web.zoom.us/j/kcZqS0QcX>

Prof. Swati Pal
Principal JDMC

Contact (Department of Environmental Studies)
Dr. Deepak Rawat (deepakrawat@jdm.du.ac.in), Ms. Ifrah Rehman (ifrah@jdm.du.ac.in)

4. The EVS department is also the part of Swachhta Institute program of the Mahatma Gandhi National Council of Rural Education, Ministry of Education. The association with MGNCRE helped the college to build a strong Swachhta policy and initiate different programs to make the campus more sustainable. Dr Deepak Rawat is the Nodal officer of the Swachh Institute program.
5. The Department of EVS also engages in various programmes alongside AVANI like Create from Waste in which students recycle household waste materials and create something useful; Green Matters: The Annual Inter-College Debate Competition to raise awareness about the growing environmental issues; Environmental Quiz; Virtual Biodiversity tour.
6. Ms. Ifrah Rehman, Assistant Professor of the Department also performed in collaboration with AVANI- The Environment Club of JDMC, a Green Audit – the Environmental Self-Assessment Report of Janki Devi Memorial College in August 2020.

7. The Department is also engaged in a students' research project on "Awareness on Environmental and Health Hazards of Sanitary Napkins and Factors that Impact College Students' Choice of Menstrual Products" by Barkha Arora and Sonali Chauhan under the guidance of Ms. Ifrah Rehman.
8. The Department organized a lecture series under the aegis of IQAC titled "PEOPLE IN ENVIRONMENT" and invited eminent speakers like Mr. Sanjay Gupta- Strategy & Policy Advisor (Climate Change: local vs global on October 8th 2021); Dr. Ramachandra Guha- Historian & Sociologist (Memories of Indian Environmentalists on October 18th, 2021) and Hon. Sh. Jairam Ramesh- Indian Economist & Politician (Life as a Minister 2009-2011 on November 3rd, 2021).



9. The faculty members actively participate in various societies that they are a part of, like, the Canteen Committee, AVANI- the Eco-club, ETIHAD- the MUN society and ENACTUS- JDMC. The Department is currently helping in updating the tree census of the college.
10. Dr Deepak Rawat is also mentoring three student research projects.
11. Dr Deepak Rawat is the module coordinator of water in add course "Striking a balance: Environment and Society" being organized by AVANI- the Environmental Club.

Faculty Achievements:

Dr. Deepak Rawat

- Awarded Doctor of Philosophy (Ph. D.) degree on ‘Ecotoxic Potential of Presumably Non-toxic Textile Dyes and their Microbe-Assisted Remediation’ at 97th Annual Convocation held on February 27th, 2021 at University of Delhi.
- Successful completion of one-week interdisciplinary Faculty Development Programme (FDP) on ‘Student-Centric Pedagogic Methods’ held between January 27th, 2021 – February 2nd, 2021) organised by Janki Devi Memorial College, University of Delhi in collaboration with Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi.
- Received international COVID-19 Phycological Research Recovery Award 2021 by the British Phycological Society, UK on the project on “Iron-dependent mutualism between *Chlorella sorokiniana* and *Ralstonia pickettii* forms the basis for a self-sustainable bioremediation system.”
- Invited as a speaker at the European Chlorella Conference 2021 organised by European Algae Biomass Association (EABA) – September 14-15, 2021
- Co-PI in a project on “Environmental fate of textile dye based on its partitioning in sediment-water phases” under Faculty Research Programme of the Institute of Eminence scheme, University of Delhi.
- Attended International Applied Microbiology Online Conference organized by Society of Applied Microbiology in July, 2021

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दिल्ली विश्वविद्यालय



University of Delhi

विद्या-वाचस्पति * Doctor of Philosophy (Ph.D.)

प्रमाणित किया जाता है कि फरवरी, 2021 में

ईकोटॉक्सिक पोटेन्शियल ऑफ प्रिज्युमेबली नॉन-टॉक्सिक टेक्सटाइल डाइज़ एंड देयर

माइक्रोब-असिस्टेड रेमिडियेशन

पर शोध प्रबंध स्वीकृत हो जाने के उपरांत **दीपक रावत**

को 2021 के दीक्षांत समारोह में दिल्ली विश्वविद्यालय की
विद्या-वाचस्पति की उपाधि प्रदान की गई |

विभाग: पर्यावरणीय अध्ययन

This is to certify that after approval of the thesis on
Ecotoxic Potential of Presumably Non-Toxic Textile Dyes and their

Microbe-Assisted Remediation

in February, 2021

Deepak Rawat

qualified for the degree of Doctor of Philosophy (Ph.D.) of this University.
The said degree was conferred upon him/her at the convocation held in 2021.

Department: Environmental Studies

Yilias Gupta

कुलसचिव
दिल्ली विश्वविद्यालय
Registrar
University of Delhi



दिल्ली, दिनांक 27 फरवरी, 2021
Delhi, Dated the 27th February, 2021

PCN

कुलपति
दिल्ली विश्वविद्यालय
Vice Chancellor
University of Delhi

नामांकन संख्या
Enrol.No. KM-674/2008



122132



CERTIFICATE
OF
**CONTINUING PROFESSIONAL
DEVELOPMENT**

The CPD Certification Service
certifies that

Deepak Rawat

the above named has participated
in the following CPD activity

**International Applied Microbiology Online
Conference**

CPD Provider Organisation

Society for Applied Microbiology

An initiative to increase standards of CPD
provision to professionals in relevant market
sectors.



Date of CPD Activity: 7-11 July 2021

No. CPD Hours / Points: 3 hours



The Coach House, Ealing Green, London W5 5ER
Email: info@cpduk.co.uk Web: www.cpduk.co.uk
Tel: 020 8840 4383



S.No. FDP34020



**Mahatma Hansraj
Faculty Development Centre**



A Centre of MoE, Govt. of India
Under Pandit Madan Mohan Malaviya National
Mission on Teachers and Teaching
(PMMMNMTT)

Certificate

This is to certify that Prof./Dr./Mr./Ms

Deepak Rawat

from

Janki Devi Memorial College, University of Delhi

has successfully completed

One week (Online) Interdisciplinary Faculty Development Programme on

“Student-Centric Pedagogic Methods”

(27th January – 02nd February, 2021)

organised by

Janki Devi Memorial College, University of Delhi

in collaboration with

Mahatma Hansraj Faculty Development Centre

Hansraj College, University of Delhi.

Prof. Swati Pal
Principal, Janki Devi
Memorial College

Dr. Jyoti Bhola
Coordinator, MHRFDC

Prof. Rama
Chairperson, MHRFDC

SEPTEMBER 14 · 15

ONLINE



EUROPEAN

Chlorella

CONFERENCE 2021



**BIG
THANKS TO
OUR
SPEAKERS!**



Anabela Carvahlo
Lisa Schüler
Katerina Bisova

Jörg Ullmann
Helene Marfaing
Deepak Rawat

Haim Trebes
Reka Mocsai
Bruno Ferreira

Ms. Ifrah Rehman

- Participated in the Power Seminar Webinar on the theme “SURVIVAL OR HAPPINESS” conducted by ICT Academy on January 15th, 2021.
- Participated in National Seminar on “Environment and Urban Ecosystem: From Individua to Ecological” organized by Vivekananda College, University of Delhi on September 30th, 2020.
- Awarded the certificate of appreciation for encouraging entrepreneurial action and business innovation creating social impact in the ENACTUS India Online Convention and Competition, 1st to 8th August, 2020.
- Participated in Webinar Series (Basic) on “Transforming Teaching Learning Process using ICT Tools” organized by IQAC, PGDAV College, University of Delhi, from 23rd July to 25th July 2020.
- Participated in the Webinar titled “Enhancing Quality in OBE Evaluation” organized by IQAC, Janki Devi Memorial College on 16th June, 2021.
- Participated and won first prize for presentation of paper titled “Reinventing Environment Education in a Virtual Classroom: the struggles and possibilities” in the virtual National Seminar: Unlocking Education: A Paradigm Shift held on 15th July 2021.





National Seminar

(Webinar)

Environment and Urban Ecosystem: From Individual to Ecological

30th September 2020

Vivekananda College

University of Delhi

NAAC Accredited "A" Grade



Certificate of Participation

This is to certify that

Ifrah Rehman

Assistant Professor

Janki Devi Memorial College, University of Delhi

Successfully participated in the national seminar (webinar)

Seema Sharma

Convener
Dr. Seema Sharma
Dept. of Environment
Vivekananda College

Hina Nandrajog

Patron
Dr. Hina Nandrajog
Officiating Principal
Vivekananda College



INDIA ONLINE CONVENTION
AND COMPETITION

1st - 8th AUGUST 2020

CERTIFICATE OF APPRECIATION

This certificate is awarded to

Ifrah Rehman

In recognition of your dedication to investing in students who take entrepreneurial action for others and your shared commitment to business innovation that creates social impact.

Rachael A. Jarosh

RACHAEL A. JAROSH
PRESIDENT & CEO,
ENACTUS GLOBAL

WE BELIEVE INVESTING IN STUDENTS WHO TAKE
**ENTREPRENEURIAL
ACTION FOR OTHERS
CREATES A BETTER WORLD FOR
US ALL.**

Devdip P. Purkayastha

DEVDIP PURKAYASTHA
PRESIDENT,
ENACTUS INDIA



IQAC
P.G.D.A.V. COLLEGE
UNIVERSITY OF DELHI



CERTIFICATE OF PARTICIPATION

This is to certify that

Ms. Ifrah Rehman of Janki Devi Memorial College

has successfully completed Webinar Series (Basic) on “**Transforming Teaching Learning Process using ICT Tools**” organized by IQAC, PGDAV College, University of Delhi, from 23rd July to 25th July 2020.

sd-
Dr. Shuchi Pahuja
Convener

sd-
Mr. K.K. Srivastava
Director
IQAC

sd-
Dr. Mukesh Aggarwal
Patron and Principal

This is a computer generated certificate. No Signature is required.





JANKI DEVI MEMORIAL COLLEGE
(University of Delhi)
Sir Ganga Ram Hospital Marg, New Delhi-110060

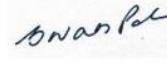


CERTIFICATE OF PARTICIPATION

This is to certify that **IFRAH REHMAN**, *Department of Environmental Studies*, **Janki Devi Memorial College** has participated in the Webinar titled “**Enhancing Quality in OBE Evaluation**” organized by the Internal Quality Assurance Cell (IQAC), Janki Devi Memorial College on 16th June, 2021.


Dr. Shilpa Chaudhary
Coordinator, IQAC


Dr. Sudnya N. Kulkarni
Nodal Officer, OBE


Prof. Swati Pal
PRINCIPAL



VIVEKANANDA COLLEGE
UNIVERSITY OF DELHI
NAAC Accredited Grade 'A' Institution



National Seminar
Unlocking Education: A Paradigm Shift
Covid-19 Task Force and Vidya Vistar Scheme
in collaboration with
Government Model College, Deithor, Assam
CERTIFICATE OF MERIT

This is to certify that Ms Ifrah Rehman Faculty/ Research Scholar of J.D.M College, University of Delhi was awarded **First** prize for presentation of paper titled **“Reinventing Environment Education in a virtual classroom: The Struggles and Possibilities”** in the virtual National Seminar: **Unlocking Education: A Paradigm Shift** held on 15th July, 2021.

Date:
15th July, 2021

OFFG. PRINCIPAL
Dr. Hina Nandrajog

CONVENOR
Dr. Sukhneet Suri

Students' achievements, participation, internship/scholarships.

Eight student-led projects were submitted by first-year students in the 'U21 RISE Awards 2020' on January 23rd, 2021, representing Delhi University, a member of Universitas21 global organisation.

Table 1: List of projects submitted to 'U21 RISE Awards 2020' competition

S. No.	Project Name and Description	Participants	Course
1	Prithvi - Website to empower pottery makers and to prevent food wastage by making clay refrigerator	Khushi Jaluka, Manya Gugnani, Deepanshi, Sneha Rastogi	Bcom (P) Section B
2	Sahara - Platform to provide support to older people	Bhagya Gupta	Bcom (P) Section B
3	Reusing plastic for environmental safety	Ishika Chaudhary	Bcom (P) Section B
4	Roller system for road safety	Bhawana	Bcom (P) Section B

5	DiPro - Online career counselling portal for senior secondary school students	Anushka Pradhan, Kirandeep Kaur	BCom (H) Section B
6	Education for change - Certification system to ensure environmental ethics in students	Taniya	BA Political Science (H) Section B
7	Turning plastic into Boon - Repurposing plastic and integrating ragpickers into a circular economy model	Retika Sharma	BA Political Science (H) Section B
8	For a change - Low-cost protein availability for poor people	Priya, Ridhi Gupta	BA Political Science (H) Section B