

REPORT

International Webinar on “Climate Change and Extremes”

A Webinar on “Climate Change and Extremes” was organised jointly by the Department of Statistics and Department of Environmental Studies, Ram Lal Anand College on 27th February 2021 via Zoom meeting at 3:00pm.

This talk was conducted under the able guidance of Professor Rakesh Kumar Gupta, Hon'ble Principal of Ram Lal Anand College. The Guest Speaker, Dr. Shipra Jain, Post-Doctoral Research Associates & Guest Lecturer from School of Geo-Science, University of Edinburgh, U. K. is well known environmentalist and with large no of papers published in well-known international journals. The organizing secretaries for the webinar were Dr. Rita Jain (Department of Statistics) and Dr. Swagata Karmakar (Department of Environmental Studies).

She imparted practical knowledge, understanding, and skill to undergraduate students towards the climate change problems and challenges that can directly affect life on the earth. She explained in detail using statistical tools like time series etc. the difference in climate change and global warming.

The speaker presented the effects and extremes of climate change. A few key points of the talk:

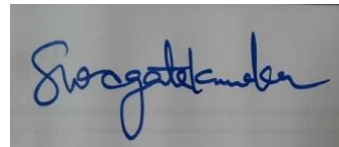
- understand the physical basis of the natural greenhouse effect, including the meaning of the term radiative forcing
- know something of the way various human activities are increasing emissions of the natural greenhouse gases, and are also contributing to sulphate aerosols in the troposphere
- demonstrate an awareness of the difficulties involved in the detection of any unusual global warming ‘signal’ above the ‘background noise’ of natural variability in the Earth's climate and of attributing (in whole or in part) any such signal to human activity

- understand that although a growing scientific consensus has become established through the IPCC, the complexities and uncertainties of the science provide an opportunity for climate skeptics to challenge the Panel's findings.

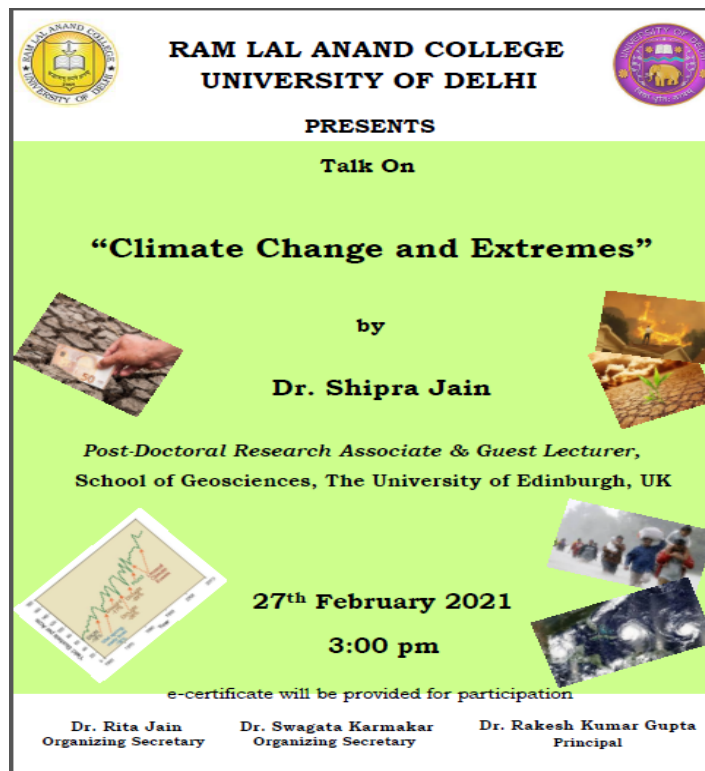
The talk was attended by all the three years students of different streams such as Microbiology, Computer Science, Mathematics, Statistics, Geology, Business Management, B.Com (Hons), B.Com (Prog), Political Science, History, English, Mass Communication, Hindi, B.A. Program. It was very informative and fruitful talk which was attended by 92 students with 45 female students and 6 faculty member and were given e-certificates after the participation.



Dr Rita Jain
Department of Statistics



Dr. Swagata Karmakar
Department of Environment Studies



RAM LAL ANAND COLLEGE
UNIVERSITY OF DELHI

PRESENTS

Talk On

“Climate Change and Extremes”

by

Dr. Shipra Jain

Post-Doctoral Research Associate & Guest Lecturer,
School of Geosciences, The University of Edinburgh, UK

27th February 2021
3:00 pm

e-certificate will be provided for participation

Dr. Rita Jain
Organizing Secretary

Dr. Swagata Karmakar
Organizing Secretary

Dr. Rakesh Kumar Gupta
Principal

List of Participants

S No	Name	Course	S No	Name	Course
1	Muskan	B. A. (Programme)	47	Chingakhm Lily Chanu	B. A. (Programme)
2	Madhu	B. A. (Hons.) English	48	Sourav Pal	B. Sc. (Hons.) Microbiology
3	Kanishak Kakkar	B.Com (Hons.)	49	Ragini Arora	B.Com (Hons.)
4	J G Gokula Krishnan	B. Sc. (Hons.) Geology	50	Choudhary Akash	B. Sc. (Hons.) Mathematics
5	Ashutosh Kumar Rai	B.Com (Programme)	51	Dimple Malik	B. A. (Hons.) English
6	Deevyansh Dubey	B. A. (Hons.) Political Science	52	Ayush Kumar	B. Sc. (Hons.) Mathematics
7	Tushita Barua	B. Sc. (Hons.) Microbiology	53	Abhishek Kumar Prajapati	B.Com (Hons.)
8	Melisha	B. Sc. (Hons.) Microbiology	54	Gautam sharma	B.Com (Hons.)
9	Sarthak Mehta	B. Sc. (Hons.) Mathematics	55	Manish Kumar	B. A. (Hons.) Hindi
10	Aasha	B. A. (Hons.) Hindi	56	Ritisha Dhapola	B. Sc. (Hons.) Microbiology
11	Harsh Kumar	B.Com (Hons.)	57	Ayushi Sharma	B. A. (Programme)
12	Kunishka	B.Com (Hons.)	58	Aditya Gautam	B. A. (Hons.) Political Science
13	Harshit Rai	B. Sc. (Hons.) Mathematics	59	Laavanya	B.Com (Hons.)
14	Uditi Sharma	B.Com (Hons.)	60	Maanya Bajaj	B.Com (Hons.)
15	Bhavi Jain	B.Com (Hons.)	61	Priyanshu Yadav	B. Sc. (Hons.) Mathematics
16	Madhu	B.Com (Hons.)	62	Yugansh Gupta	B. Sc. (Hons.) Microbiology
17	Ayush Ranjan Kanth	B. A. (Hons.) Political Science	63	Sushil Kumar Kushwaha	B. A. (Hons.) History
18	Prachi saimer	B.Com (Hons.)	64	Pakhi Agarwal	B.Com (Hons.)
19	Mudit Arora	B. Sc. (Hons.) Statistics	65	Dimple Kumari	B. A. (Programme)
20	Divya Gupta	B. Sc. (Hons.) Mathematics	66	Sneha Gupta	B. Sc. (Hons.) Statistics
21	Bhavya Mishra	B. Sc. (Hons.) Statistics	67	Lokesh	B. A. (Programme)
22	Garima Jindal	B.Com (Hons.)	68	Archit Arora	B. Sc. (Hons.) Statistics
23	Shivani Mishra	BJMC	69	Vandita Changrani	B. Sc. (Hons.) Statistics
24	Rohit	B.Com (Hons.)	70	Pritika Baranwal	B. Sc. (Hons.) Microbiology
25	Rachna	B.Com (Hons.)	71	Diya	B.Com (Programme)
26	Shivani Yadav	B.Com (Hons.)	72	Rohan Aswal	B. Sc. (Hons.) Mathematics
27	Anjali	B. A. (Hons.) Hindi	73	Omprakash Meena	B. Sc. (Hons.) Statistics
28	Tanya Singh	B. Sc. (Hons.) Microbiology	74	Megha Manchanda	B.Com (Hons.)
29	Rituraj	B. Sc. (Hons.) Mathematics	75	Sachin Kumar	B. Sc. (Hons.) Mathematics
30	Manoj Kumar	B. Sc. (Hons.) Mathematics	76	Vaibhaw Nath	B. Sc. (Hons.) Statistics
31	Khushi	B.Com (Hons.)	77	Deepanshu	B.Com (Hons.)
32	Ravi Singh	B. Sc. (Hons.) Mathematics	78	Shikha	B.Com (Programme)
33	Vipin Sharma	B.Com (Programme)	79	Meet Makwana	B. Sc. (Hons.) Microbiology

34	Ankit Kashyap	B.Com (Hons.)	80	Megha Mishra	B.Com (Programme)
35	Neeraj Singh	B.Com (Programme)	81	Rishabh singla	B.Com (Programme)
36	Saijal Bajaj	B. Sc. (Hons.) Statistics	82	Prashant Singh	B.Com (Hons.)
37	Monark Jain	B.Com (Hons.)	83	Ankush Dhawan	B.Com (Programme)
38	Rishabh Jain	B.Com (Programme)	84	Thanisha Kaushik	B. Sc. (Hons.) Microbiology
39	Aashish Kumar	B.Com (Programme)	85	Nandni Khanna	B.Com (Hons.)
40	Yash Aggarwal	B.Com (Programme)	86	Deepak Kumar	B.Com (Hons.)
41	Durgesh Kumar Sahu	B.Com (Programme)	87	Neelam Gangwar	B.Com (Programme)
42	Ayushi Saini	B.Com (Programme)	88	Ritu	B.Com (Hons.)
43	Harsh Janghala	Bcom (programme)	89	Jai Attri	B.Com (Hons.)
44	Rishi Kumar	B.Com (Hons.)	90	Shivani	B.Com (Programme)
45	Prerna Padhi	B.Com (Hons.)	91	Anushka Rajawat	B.Com (Programme)
46	Kiran	B.Com (Programme)	92	Shivangi Khunger	B.Com (Programme)

List of Faculty

1. Dr Prerna Diwan
2. Dr Sarbari Nag
3. Dr Salome John
4. Dr Leimiwon Zimik
5. Dr Swagata Karmakar
6. Dr Rita Jain