



**SOUVENIR**

**National Conference**

**Climate Change: Its Impact on Bioresources of  
The Himalayan Region (CCIBHR-2022)**



**ORGANIZED BY**

**Department of Chemistry**

**S.S.M.M.U.S.S.S. Government Post Graduate College**

**Dwarahat, Almora (Uttarakhand) India**

**SPONSORED BY**

**Uttarakhand State Council for Science & Technology, Dehradun**

**and in collaboration with**

**Uttarakhand Science Education & Research Center, Dehradun**

**Editor**

**Dr. Darshan Singh**



**National Conference**  
**On**  
**Climate Change: Its Impact on**  
**Bioresources of the Himalayan Region**  
**(CCIBHR-2022)**

**5<sup>th</sup>-6<sup>th</sup> June, 2022**

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Dwarahat, Almora, Uttarakhand, India

*Editor*

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## Impact of Climate Change on Bio Resources

Neema Pant

Department of Political Science, Govt Degree College Ramgarh, Nainital

Climate change and its impact on biological resources is a complex and frightening challenge faced by the world at the present time. A change in global or regional climate and long term shifts in temperature and weather pattern is called climate change. Climate change is a problem which occurs due to environmental pollution, the meaning of environment is the overall environment which is given to man by nature. Air, water and fertile land all are necessary bio resources for living being but due to scientific and technical development and consequently rapid industrialization, urbanization and economic development all the purity/accuracy of environment is on the verge of extinction. After 19th century the temperature of earth increases about 3 to 6 degree Celsius. this climate change has happened so fast that from human to the whole plant world has not been able to live in harmony with it. 99% of overall loss of bioresources due to climate change there are so many adverse impact on bio resources. The main problem due to climate change is decline in agricultural productivity. This is because of change in rainfall patterns, drought, flooding and the geographical redistribution of pests and diseases affect food quality. Projected increase in temperature, change in precipitation pattern, change in extreme weather events and reduction in water availability may all result in reduced agricultural productivity. As we know most of the people of India depends on agriculture directly or indirectly. For a developing economy as India along with these challenges achieving the goal of development is a very difficult task. We can prevent our resources by reduction in greenhouse gases. Strategies like green bonus to greenery rich states, green bank policy, use of traditional knowledge and resources, promotion of organic farming, public people partnership, resource conservation bases technologies can play an important role to save biological resources.

**Online International Faculty Development Program**  
on  
**"Gandhi in the Present Context - A Social Discourse"**

Organized by  
**Government Degree College, Bhatronjkhan (Almora) Uttarakhand**  
in Collaboration with  
**Govt. P.G. College, Lohaghat, Champawat**  
&  
**Indian Economic Association (IEA)**

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**E-Certificate**

This is to certify that **Neetu Institute – Government Degree College Talwari -Tharali, UK** Has Participated in the Online International one day Faculty Development Program on **"Gandhi Ji in the Present Context - A Social Discourse"** held on **02/10/2022** Organized by **Government Degree College Bhatronjkhan (Almora) Uttarakhand** in Collaboration with **Govt. P.G. College, Lohaghat & Indian Economic Association (IEA)**.



**Dr. Shailendra Kr. Singh**  
Convener



**Prof. Seema Srivastava**  
Principal



# UGC-HUMAN RESOURCE DEVELOPMENT CENTRE UNIVERSITY OF HYDERABAD



Hyderabad - 500 046

## CERTIFICATE OF PARTICIPATION

This is to certify that **Dr. Neetu Pandey**, Assistant Professor in Physics, Government Degree College, Talwari, Chamoli, Uttarakhand has successfully completed two weeks online **Refresher Course in Physics** organized by the Human Resource Development Centre, University of Hyderabad from 05<sup>th</sup> to 17<sup>th</sup> December, 2022 and obtained grade 'A'.

Dr. Bhawna Gomber, Dr. Soma Sanyal & Dr. Ramachandrarao Yalla  
Course Coordinators

Certificate ID: HRDCRCSOP39

Y. Narasimhulu  
Director

**Grade 'A+'  
85% and above**

**Grade 'A'  
84% to 70%**

**Grade 'B'  
69% to 60%**

**Grade 'C'  
59% to 50%**

**Grade 'F'  
less than 49%**

**UGC-Approved Short-Term Professional Development Programme**  
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This is to certify that

**NEETU**

***Dr. Neetu Pandey***

participated in and successfully completed the  
Professional Development Programme on  
'Implementation of NEP-2020 for University and  
College Teachers'

***held from October 27-November 05, 2022***

***and obtained 'A+' Grade***



**Prof. Santosh Panda**  
Director, STRIDE &  
Coordinator of NEP-PDP Committee,  
Indira Gandhi National Open University

New Delhi  
Date of Issue: November 09, 2022



**Prof. Uma Kanjilal**  
Pro-Vice Chancellor  
Indira Gandhi National Open University

## Grading System of Professional Development Programme on National Education Policy-2020

Grade	Percent Value
A+	85% and above
A	70% to 84%
B	60% to 69%
C	50% to 59%
F (Fail)	Below 49%

Those participants who get 'F' Grade (i.e. 49% or less) are required to repeat the programme.



# Certificate of Participation

**A National Webinar Series on  
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This is to certify that Mr./Mrs/Dr. **NEETU PANDEY, GDC TALWARI**  
has successfully participated in National Webinar Series on various Aspects of Intellectual Property Rights (IPR)  
**Lecture-3 “Design Registration and Process”**  
On 29.08.2023.

Principal  
Prof. Udai Pratap Singh

Convenor  
Dr. Neeraj Tewari