

The Virtual Climate Pathshala 2020



State Knowledge Management Centre on Climate Change (SKMCCC)

Environmental Planning Coordination & Organization (EPCO)
Environment Department, Government of M.P



The Virtual Climate Pathshala

Introduction

Climate change is not just an environmental problem but it is posing great challenge and threat to development. Our world is struggling with the consequences of unsustainable development affecting the people, environment, climate, natural resources and all forms of life. Governments and people are faced with the problem of managing the situation arising out of extreme weather conditions, droughts, floods, air pollution, land degradation, deforestation and resultant impact on poverty and livelihood. By developing sustainable development policies, governments in partnership with the community, can combat the impacts of climate change and improve the quality of life of citizens.

In context of the above issues, State Knowledge Management Centre on Climate Change (SKMCCC), EPCO in association with Rajiv Gandhi Pradyogiki Vishwavidyalaya (RGPV, Bhopal) is launching **2 weeks** online course "**The Virtual Climate Pathshala**". This E-Certificate course is quite rigorous and demands commitment on the part of the participants. It covers a range of issues on Climate Change, Environment and Sustainable Development. The course discusses the various challenges posed by climate change and environmental degradation and how government responds, adapts and plans to implement solutions for environmental conservation and sustainable development.

Objectives

This intensive and engaging 2 week online Course on Climate Change "**The Virtual Climate Pathshala**" intends to:

- Broaden understanding about inter-linkages of climate change, sustainable development and environment
- Facilitate thinking about ways to integrate sustainability principles in policy process
- Create a sense of responsibility as concerned citizen and
- Develop leadership qualities to act as Climate Change Champions.

Training Course Modality and Assessment

The online training course is being offered in a professional and innovative manner. The training will be conducted online on **Microsoft Teams** and it requires a Laptop/Mobile or Tablet with a built-in web cam or external micro phone and internet connection. This is an opportunity to learn about the topic on Climate Change while enhancing your online skills in an innovative e-learning environment.

The assessment of trainee participants will be based on a small quiz (MCQ - Multiple Choice Questions). The course is practically-oriented and will be taught by a highly experienced, qualified and diverse team of natural and social science scholars and

engineers. The course is primarily offered in English however every effort will be made to communicate in Hindi if needed. On the successful completion of this course an E-certificate of participation will be awarded through e-mail.

Who Should Attend

- Government officials dealing with sectors such as energy, agriculture, horticulture, animal husbandry, fisheries, forestry, water management, rural and urban development, transport, mining etc.
- Students who have completed Graduation or Post Graduation course or currently enrolled in PG, M.Phil or Ph.D. program, in any discipline;
- In-service professionals working in corporate sector who wish to deepen their knowledge on Sustainable Development and Environment in general and Climate Change in special.
- Members of Media, Civil Society or Non-Governmental Organizations who desire to enhance understanding about climate change
- Individuals who wish to develop their knowledge on environmental and climate change domain and want to contribute to address this challenge.

Course Content

1. Introduction to the Course
2. Weather, Climate and Atmospheric Processes.
3. Contextualizing Climate Change.
4. Basic Understanding of Key Concepts
5. Climate Change Projections, Models & Scenarios.
6. Observed and Projected Climate Change.
7. Vulnerability adaptation to Climate Change.
8. Climate Change Impacts: Extreme Events.
9. Climate Change Impacts on different Sectors.
10. Global, National and Sub-national level Challenges and efforts.
11. Climate Change & Sustainable Development.
12. Projects & Policy Scenario in Climate Change Adaptation & Mitigation.
13. Economics of Climate Change and Climate Finance.
14. Closing Remarks:
 - What can we do to combat Climate Change?
 - Feedback and Comments of Participants

Tentative Schedule

2 Sessions of 2 hours for 2 Weeks											
Day 1		Day 2		Day 3		Day 4		Day 5		Day 6	
11:30:00 PM	12:30:00 PM	11:30:00 PM	01:30:00 PM	11:30:00 PM	12:30:00 PM	11:30:00 PM	01:30:00 PM	11:30:00 PM	01:30:PM	11:30:00 PM	01:30:00 PM
Introduction to the course	Science of Climate Change, Weather & Atmospheric Processes	Basic understand of key concepts of climate change		Climate Change projection models scenarios for Future Impact Assessments.	Observation & Projection of Climate Change	Vulnerability and Adaptation to Climate Change		Climate Change Impacts Agriculture, Allied Forestry		Climate Change Impacts on different Sectors (Water, Urban, Rural, Health & Energy etc.)	
Day 7		Day 8		Day 9		Day 10		Day 11		Day 12	
11:30:00 PM	01:30:00 PM	11:30:00 PM	01:30:00 PM	11:30:00 PM	01:30:00 PM	11:30:00 PM	01:30:00 PM	11:30:00 PM	01:30:00 PM	11:30:00 PM	12:30:00 PM
Climate Change Mitigation Need and Options		Climate Change & Sustainable Development Goals (SDGs)		Extreme Climate Events and Disaster Risk Reduction		Climate Change Global National and Sub-national level Challenges and Response		Climate Policy and Projects for Climate Action		Economics of Climate Change & Climate Finance	1. What we can do to combat Climate Change 2. Feedback and Comments of participants

Eligibility, Selection Process and Fees Structure

Eligibility

- Individuals having keen interest in the environmental and Climate Change domain are eligible to apply.
- Applicant must be a graduate in any discipline. Higher qualifications will be given preference.
- A completed online Application form should be submitted with following documents :
 - Scanned copy of academic details & Curriculum Vitae
 - Individuals registering under students/Research Scholars category should upload their valid student ID (e.g. University ID / College ID)
 - A short note (not more than 100 words) as to how this course will help you in your studies, professional work or personal life.

Selection Process

- Go through the portal link: www.climatechange.mp.gov.in and the website: www.epco.in. Get the online registration form which will be free and complete the same.
- Online registration window will be open from **01st to 11th September 2020 (Registration closes at 5:30 PM)**.
- After submitting your completed application, you will receive a confirmation of your course registration.
- Selection will be made primarily on the basis of your CV, your justification for joining the course.
- Care will be taken to maintain regional balance, gender balance, and diversity of backgrounds and qualifications of applicants.

Fees Structure

- A nominal fee of **Rs. 3000/-** will be charged. For Students/Research Scholars, the discounted fees of **Rs. 1000/-** will be payable.
- Only the candidates finally selected for the course will deposit course fee through online mode (Net-banking, BHIM App. etc.) addressed to Executive Director, EPCO payable at Bhopal before the commencement of course, else their candidature will stand cancelled. The details will be communicated to the individual candidates after selection.

Note: In case registration is withdrawn after depositing the course fee, 10% amount will be deducted and the remaining amount will be refunded.

Eligibility for the receiving E-Certificate

- **100% attendance** is essential to qualify for receiving the E-Certificate of Participation.
- **E-Certificate** will be shared with the participants through e-mail in a week's time.
- An **MCQ (Multiple Choice Questions)** will be conducted online on all days for testing the skills / knowledge enhancement of the registered candidates.
- The candidates will be required to score more than **60%** in the **MCQ's (Multiple Choice Questions)** on a daily bases and the cumulative score of the candidate should be more than **80%** to be eligible for receiving the E-Certificate
- One short **hand-written assignment** (scanned copy) to be submitted online by all the registered candidates after completion of the course (E-Certificate of participation will be released after receiving this assignment only)

General instructions

- Discipline, seriousness and desire to learn are the three pre-requisites for this course.
- It is expected from the entire trainee participants to maintain decorum in the online sessions.
- The online session timings : **11:30 AM – 1:30 PM**
- All the participants are expected to join the online sessions 10 minutes before the scheduled time.
- Every day participants will have to mark their presence / attend fully all the online sessions.

In case of any clarifications, please contact through telephone (0755-2970499) or by sending an email at: ecoevents.epco@gmail.com

EPCO

Environmental Planning and Coordination Organization (EPCO) is registered society under Environment Department Government of Madhya Pradesh. Established in 1981, EPCO's comparative advantage or its USP is its ability as a "environment problem-solving intermediary" This has largely been helped by the multi-disciplinary composition of the EPCO professionals. In this unique position EPCO connects government as well as non-governmental agencies in solving the environmental problems. To avoid silo thinking in environment and development sector the organization is attempting to play a bridging role between bilateral or multilateral donors who wish to make better investments in people and communities so that the investments are green and also leads to better green governance.

EPCO has been in the unique position to witness some of the most significant developments from the perspective of sustainable development and environment almost from the time they began to unfold. One of the major roles that EPCO performs is to mainstream environmental concerns in various development initiatives of the state; especially poverty and livelihood related issues. EPCO has successfully focused attention on the environmental problem areas of the State through Environmental Status Reports.

SKMCCC

Government of India had launched National Action Plan on Climate Change (NAPCC) in June 2008 underlying 8 missions with some targets determined with each mission. One the 8 missions was National Mission for Strategic Knowledge on Climate Change.

The state Government of Madhya Pradesh (GoMP) has adopted a Vision Document-2018 wherein it has been mentioned that a State-level Knowledge Management Centre on Climate Change to be set up in Environmental Planning and Coordination Organization (EPCO), Bhopal. GoMP has declared EPCO as the "State Designated Agency for Climate Change" in the state and also Nodal Agency for Climate Change Knowledge Management.

Major function of SKMCCC is to create, collect, analyze, synthesize and disseminate the knowledge on climate change. SKMCCC intends to partner up with the organizations, institutions that are already working in this field and would help in strengthening their capacity and disseminating their works. The capacity building and training activities are being taken up in a much larger and focused way to create awareness on climate change issues and thereby assisting the states officials to formulate policies and programs that strengthen its resilience. The knowledge creation includes mainly research studies commissioned to scientific institutions, scholarships for primary research on climate change issues in MP, action research projects to generate new knowledge through experimental learning.

SKMCCC has prepared State Action Plan on Climate Change (SAPCC) of state in line with NAPCC. The State Action Plan has been duly approved by the state and central government. This has been placed on our web portal (www.climatechangeportal.mp.gov.in)

Contact Details

Coordinator

State Knowledge Management Centre on Climate Change (SKMCCC)

Environmental Planning and Coordination Organization (EPCO)

Environment Department, Government of MP

Paryavaran Parisar, E-5, Arera Colony, Bhopal – 462 016

Phone: 0755 – 2970299, 2970499, 2460255

E-mail- ecoevents.epco@gmail.com

Website - www.climatechange.mp.gov.in

www.epco.in

Connect with us

