



Indraprastha College for Women University of Delhi



IPCW ON

DEPARTMENT OF ENVIRONMENTAL STUDIES
under the aegis of
CENTRE FOR EARTH STUDIES

offers

Online Certificate Course

on

Climate Change: Adaptation and Mitigation



26 August- 23 September 2022

REGISTER AT

<https://sites.google.com/ip.du.ac.in/ccam/home?authuser=2>

Indraprastha College for Women

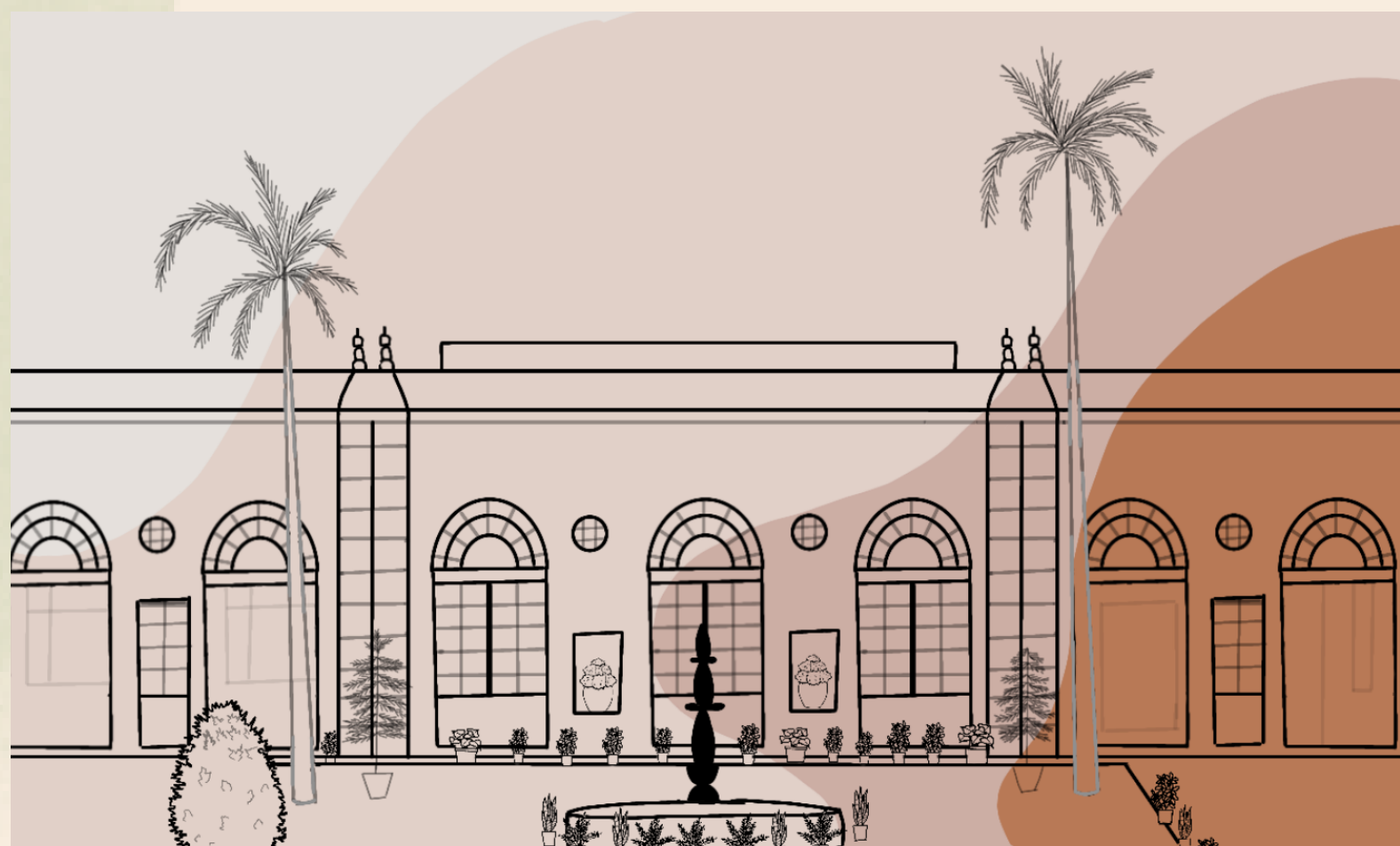
Indraprastha College for Women (estd. 1924) is the oldest women's college of the University of Delhi. Founded as a part of a nation-wide campaign for women's education and empowerment, it is recognized as a heritage site and a landmark of Delhi. It has an enrolment of approximately 3500 students in its undergraduate and postgraduate programs. The College has a lush green campus and hosts a rich biodiversity of flora and fauna. To support and actively encourage research in various fields, the College has created six Research and Learning Resource Centres. In response to the call of the time, with all its available e-resources, the College has launched its Online Platform IPCW-ON.

Centre for Earth Studies

The Centre for Earth Studies (CES) was launched in 2016 with a vision to promote research and learning in areas around sustainable development. It aims to develop environmental awareness, ecological consciousness and life skill among the community that will be resilient to challenges of climate change, environmental degradation and ecological disruption. In this journey towards creating a common sustainable future, the Centre takes up several research projects for students to work under expert faculty mentorship. The Centre has conducted censuses of the floral and faunal diversity of the campus. There is an ongoing project to create a waste-neutral campus by running a comprehensive waste management program. The Centre also organises talks, seminars, workshops and add-on certificate courses as part of a green capacity building initiative.

Department of Environmental Studies

The Department of Environmental Studies, established in 2014, is one of the youngest departments of the College. The Department coordinates and teaches the Ability Enhancing Compulsory Course (AECC) on Environmental Studies to undergraduate students who are enrolled in all other Departments of the College. Environmental Studies is an interdisciplinary subject aimed at imparting environmental education to the students. The Department has a well-trained faculty who are highly qualified in their respective areas of expertise. Beyond the textbook, several field trips and projects are organized for the students in order to initiate them towards an overall understanding of the subject. Students are also offered internship opportunities with various environmental organisations, which are facilitated by the Department. The faculty members also encourage the students to participate in various workshops, conferences and youth summits related to the environment.



Concept note

Climate change is the defining crisis of our time and it is happening even more quickly than we feared. No corner of the globe is immune from its devastating consequences. Climate change is disrupting national economies, agriculture and affecting lives, costing people, communities and countries. As climate change continues, it will likely lead to more frequent and severe natural disasters. Increase in the frequency and severity of extreme weather events will have widespread devastating impacts on all walks of life. The world needs to be prepared for this change.

Tackling climate change requires action at all levels of society, from individuals and educators to policymakers and businesses. This is high time to opt for climate actions that will reduce emissions and build climate resilience. In fact, methods and technologies that both curb climate change and cope with its impacts already exist. The need of the hour is the dissemination of such information, raising public awareness and capacity building by establishing networks for education and research collaboration. In response to this, we propose to launch an interdisciplinary Online Certificate Course in 'Climate Change: Adaptation and Mitigation' to expand opportunities for undergraduate and postgraduate training as well as faculty collaboration across several Colleges and Universities in the country. This course is an attempt to help participants understand and address the impacts of the climate change and empower them with the knowledge, skills, and attitudes needed to act as agents of change. With a strong and established Department of Environmental Studies and active research and learning centre, namely, the Centre for Earth Studies, Indraprastha College for Women is uniquely positioned to expand education and training in this increasingly important area.

Purpose and learning outcomes

The proposed Interdisciplinary Online Certificate Course in 'Climate Change: Adaptation and Mitigation' is designed to upskill the myriad of interdisciplinary students and researchers and equip them with the required skills and knowledge to find innovative solutions to the current climate crisis. The certificate program will strengthen communication across the curriculum among faculty and students from different disciplines.

The learning outcomes for the certificate course include

- Understanding the delicate relation between climate crisis, life and technology
- Developing an ability to identify and describe systems complexity of climate change
- Exposure to world climate related data
- Understanding climate negotiations and climate action
- Exposure to latest research in the field of climate change
- Gaining practical experience through interdisciplinary talks, presentations and film screenings

Course description

The entire course will run on the pattern of MOOCs with online seminars and presentations by the subject experts from the department and invited speakers who are renowned experts in their specific area of work.

Thematic areas of coverage



Agriculture & Food security



Disaster, Life & Livelihood



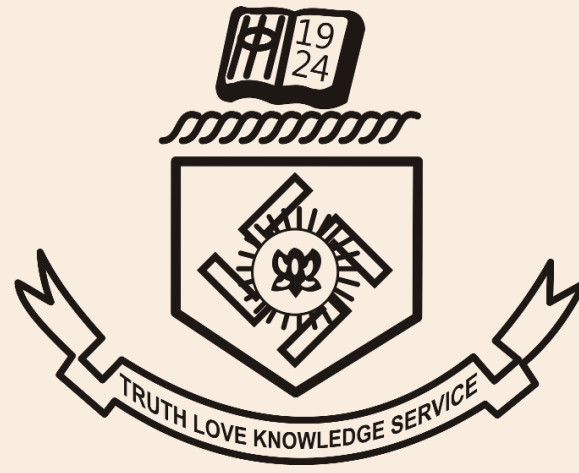
Forest & Wildlife



Technology & Innovation

Course details:

- **Number of Seats: 50 (on a first come first serve basis)**
- **Duration: 30 hours (26 August – 23 September 2022)**
- **Online lectures/webinars: 2 hours per session, 3:00-5:00 pm, 2-3 sessions per week for 4 weeks**
- **Special lectures: By eminent speakers**
- **Platform: Google Meet**
- **Certification: All participants who successfully complete this course are eligible for an E-certificate. Completion consists of submitting course assignments and active participation in all the sessions.**
- **Registration link: <https://forms.gle/4eepctM2z1uZB6EJA>**
- **Fee structure: Rs. 500**
- **Fee payment link: <http://hostel.ipcollege.ac.in/pgMiscellaneousfeePayment.aspx>**



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