

One-Day
WEBINAR
ON

**Biodiversity and Climate Change:
A Recent Context**

on
25th June 2020



Organized by
IQAC

Asansol Girls' College
NAAC 'A' Accredited

Affiliated to
Kazi Nazrul University (WB)

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About the College

Asansol Girls' College was established in 1950 and since then it has been recognized as one of the prestigious institutes of Asansol. Dr. Anjali Roy, former Principal of the College played a pioneering role in shaping the college as a premier institute of women's education in this area. The institute is dedicated to provide quality education to the female population of the coal area and has played a significant role in women empowerment in the last 70 glorious years. Under the guidance of the present Vice Principal Dr. Sandip Kr. Ghatak, the team of Asansol Girls' College achieved the 'A' grade under NAAC assessment in the year 2016.

At present the institute is offering UG courses in 20 different disciplines (both Honours & Programme) and PG course under CBCS system. It also involves students in other co-curricular activities with special mention to NCC & NSS and is affiliated to the Kazi Nazrul University. The Team Asansol Girls' College under the guidance and advice of the Vice Principal, the IQAC and the Governing Body is constantly striving to impart holistic education to its students who go on to serve the society in their own ways.

About the Webinar

In the Anthropocene, anthropogenic climate change is impacting most lives on Earth. Variations in the biological organisms of earth's terrestrial, freshwater, and marine species, as well as their habitats are unique in this Mother Earth. Biodiversity is vital for the survival of all life; it is the cornerstone for the goods and services that allow human societies to thrive. 'Celebration biodiversity' in the popularly called "People's Day" is to show their care and support for the Earth and protect their environment - this year on 5th June World Environment Day was celebrated in the second largest Mega-diversity country in the world, Colombia in partnership with Germany as announced by UN Environment Programme (UNEP) because it is time to declare the Ecosystem Restoration Decade (2021-2030) for restoration of degraded and destroyed ecosystems. 2020 must be the year of peak carbon extinction of ten lakh species every year. Climate change and biodiversity are the two sides of the same coin. Climate change is the single biggest threat to our economy. Continued global warming will damage humanity, animal and plant life in many different ways like rising sea levels, more extreme weather events, flooding, drought, agricultural collapse, mass migrations of animals and people, out-of-control wildfires, toxic algae blooming in our lakes and rivers, massive loss of biodiversity, collapse of our coral reef systems and our fishing resources, *etc.* The accelerating loss of sea ice mass in Greenland will certainly prove very damaging to its existing ecosystems. Melting permafrost soils are releasing ancient viruses and bacteria that having laid dormant

for very long periods of time, perhaps as long as a million years are springing back to life, open a Pandora's Box of diseases. So, an immediate, sustained and concerted effort is required to explicitly include climate change and microorganisms in global research, technology development, and policy and management decisions bearing a slogan of intergenerational global movement for climate action, the 'Earthrise'.

In 2017, Indian Ministry of Health and Family Welfare had proposed a "National Action Plan on Climate Change and Human Health", a policy aimed at protecting people against climate sensitive illnesses such as cardio-respiratory diseases, cancers and allergies. This action plan aimed at reducing climate sensitive illnesses through integration with other missions under the National Action Plan on Climate Change (NAPCC). In order to achieve the objectives of NAPCC going back to the basic and exploring the science of coexistence is the need of the hour. 'Biodiversity' the word which was about to extinct is in wide parlance now as the Covid-19 exposed and proved that biodiversity is the foundation for life with co-benefits of strengthening healthcare support system. Hence Post COVID recovery should be tied with our Climate actions and Sustainable Development Goals. In this context as a responsible higher education institution of coal belt region of West Bengal, it shall be the attempt of Asansol Girls' College to address the correlation between the biodiversity, climate change and human health through this webinar.

Registration

No Registration Fee required

For **Registration** click:

<https://agc.ac.in/regwebinar6>

[e-Certificate will be provided to participants]

Who can Attend

- Researcher / Students
- Teachers / Professor
- Professionals

Speaker

Dr. Apurba Ratan Ghosh

Professor, Dept. of Environmental Science
University of Burdwan
Burdwan

Program schedule:

- 11:00 AM - Inaugural session
- 11:15 AM - Dr. Apurba Ratan Ghosh
- 12:15 PM - Question Answer session
- 12:25 PM - Vote of Thanks