



Christ Church College, Kanpur

In association with

Federation of Indian Exports Organisation, Kanpur



DEPARTMENT OF CHEMISTRY

Organized

Webinar

On

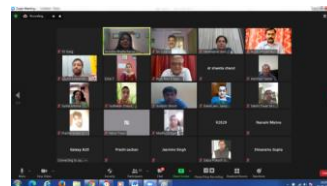
Ecosystem Restoration

5TH JUNE, 2021

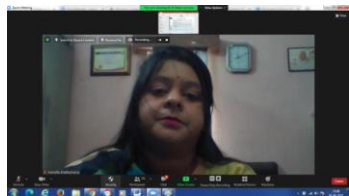
Christ Church College, Kanpur in association with Federation of Indian Exports Organisation, Kanpur organised a Webinar on “ECOSYSTEM RESTORATION” on World Environment Day, June 5, 2021 at 3:00 P.M. (IST) on the Zoom platform. This conference aims to bring *Academicians, Researchers and Industrialists* on one e-Platform for effective deliberations on Environmental Restoration and Sustainability for the benefit of students and society.

The Webinar started with a prayer offered by **Dr. Ashim Kumar Nathaniel, Associate Professor, Department of Chemistry**, for the wellbeing of the people and uninterrupted flow of the webinar's proceedings.

Secretary, Governing Body of the College, Rev. Samuel Paul Lal addressed the gathering and apprised them about the hard time each sector is facing and how God Almighty is having his hand over us for our well-being. He also said that World Environment Day 2021 will see the launch of the UN Decade on Ecosystem Restoration: A global rallying cry for everyone – from governments to corporations and citizens – to fulfil their part in healing our ailing planet.



Principal, Dr. Joseph Daniel said that ecosystems can be large, like a forest, or small, like a pond. Many are crucial to human societies, providing people with water, food, building materials and a host of other essentials. They also provide planet-wide benefits like climate protection and biodiversity conservation. But in recent decades, humanity's hunger for resources has pushed many ecosystems to breaking point. So this year, June 5, World Environment Day, marks the official launch of the **UN Decade on Ecosystem Restoration**, a 10-year push to halt and reverse the decline of the natural world.



Convenor of the conference, Dr. Anindita Bhattacharya, Professor, Department of Chemistry, told the gathering that ecosystem restoration is a global undertaking at a massive scale. From forests to peatlands to coasts, we all depend on healthy ecosystems for our survival. Ecosystems are defined as the interaction between living organisms - plants, animals, people -

with their surroundings. This includes nature, but also human-made systems such as cities and farms. We are losing and destroying the foundations of our survival at an alarming rate. Ecosystem loss is depriving the world of carbon sinks, like forests and peatlands, when humanity can least afford it. Global greenhouse gas emissions have grown for three consecutive years and the planet is hurtling towards potentially-catastrophic climate change. The emergence of COVID-19 has also shown just how disastrous the consequences

of ecosystem loss can be. By shrinking the natural habitat for animals, we have created ideal conditions for pathogens – including coronaviruses – to spread. **But together we can build back better.**

Lion Y. S. Garg, Chief Advisor, FIEO Kanpur congratulated the college for addressing such an alarming issue. Ecosystems and their biodiversity underpin economic growth, sustainable development and human wellbeing. Yet the loss of biodiversity continues, resulting in serious reduction in ecosystem goods and services, negatively impacting economic prosperity and environmental sustainability.

The Keynote speaker was **Dr. Dipankar Saha, Former Additional Director, Central Pollution Control Board, New Delhi. Presently he is an Expert Member, Environmental Appraisal Committee, Ministry of Environment, Forest and Climate Change.** He emphasised that the key principle of sustainable development underlying all others is the integration of environmental, social, and economic concerns into all aspects of decision-making. Environmental sustainability concerns the natural environment and how it endures and remains diverse and productive. Since natural resources are derived from the environment, the state of air, water, and climate are of particular concern. Environmental sustainability requires society to design activities to meet human needs while preserving the life-support systems of the planet.

The second speaker of the webinar was **Dr. Anindita Bhattacharyya, Lead Auditor – Forest Certification, DIN CERTCO Gesellschaft für Konformitätsbewertung mbH (TUV Rheinland Group), Germany.** She said that Forest certification is widely seen as the most important initiative of the last decade to promote better forest management. Responsible forest management is an important solution and a credible system of certification, which can ensure sustainable management of these vital resources.

The third speaker was **Dr. Sudipto Ghosh, Consultant, Regional-cum-Facilitation Centre, Eastern Region, National Medicinal Plants Board, Ministry of AYUSH.** He opined that over-exploitation of natural resources throughout centuries has badly disrupted the equilibrium within ecological systems, driving changes in ecosystems worldwide. The Earth's ecosystems are degrading as a result of damage, unsustainable development and a failure to invest and reinvest in their productivity, health and sustainability. The wellbeing of the world population in the coming decades will in large part depend on conservation and restoration of ecosystems to maintain and enhance biodiversity and ecosystem services, thereby contributing to sustainable development while reducing environment-related risks.

Organising Secretary, Prof. Ravi Prakash Mahalwala, Associate Professor, Department of Physics gave the **vote of thanks.**

Ms. Sharon Lal, Guest Lecturer, Department of English compered the entire session.

With this, we came to an end of the Webinar series. Around 350 participants attended the webinar. These sessions were very informative and valuable thoughts were exchanged on the platform.

'Humans and wildlife depend on healthy ecosystems for survival'

PHS KANPUR

Christ Church College, Kanpur in association with the Federation of Indian Export Organisations (FIEO), Kanpur organised a webinar on 'Ecosystem Restoration' on World Environment Day. The conference aimed at bringing the academia and entrepreneurs on a common platform for effective deliberations on environmental restoration and sustainability for the benefit of society.

Addressing the gathering, convenor of the conference, Dr Anindita Bhattacharya, pro-

fessor in the chemistry department and lead auditor, Forest Certification, DIN CERTCO, Germany, said that ecosystem restoration was a global undertaking at a massive scale. She said from forests to peat lands to coasts, the humans and wildlife depended on healthy ecosystems for survival.

She said ecosystems were defined as the interaction between living organisms - plants, animals, people - with their surroundings and this included nature, but also man-made systems like cities and farms.

She said human beings

were losing and destroying the foundations of survival at an alarming rate. She said it was depriving the world of carbon sinks, like forests and peatlands, when humanity could least afford it.

Dr Bhattacharya said global greenhouse gas emissions had grown for three consecutive years and the planet was hurtling towards potentially catastrophic climate change. She said the emergence of COVID-19 had also shown how disastrous the consequences of ecosystem loss could be. She said by shrinking the natural habitat for animals, man had created ideal conditions for pathogens, including coronaviruses, to spread.

YS Garg, chief advisor, FIEO Kanpur, congratulated the college for addressing such an alarming issue.

The keynote speaker was Dr Dipankar Saha, former additional director, Central Pollution Control Board and presently an expert member of Environmental Appraisal Committee, Ministry of Environment, Forest and Climate Change. He emphasised that the key principle of sustainable development

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He said since environmental sustainability required society to design activities to meet human needs while preserving the life-support systems of the planet.

Organising secretary Prof Ravi Prakash proposed the vote of thanks.



स्वैच्छिक दुनिया



ALL

(छंदबद्ध कविता)

BHAJAN

geography

कानपुर के क्राइस्ट चर्च कॉलेज, ने फेडरेशन ऑफ इंडियन एक्सपोर्ट्स ऑर्गनाइजेशन के सहयोग से, विश्व पर्यावरण दिवस, (आईएसटी) जूम प्लेटफॉर्म पर "पारिस्थितिकी बहाली" पर एक वेबिनार का आयोजन किया।

June 05, 2021 • Swastik Duniya



CHRIST CHURCH COLLEGE, KANPUR
&

FEDERATION OF INDIAN EXPORT ORGANISATIONS (FIEO)

Certificate

This is to certify that

Dr. C. Barna Naidu, Assistant Professor

City Premier College, Nagpur

participated in the

Webinar on "ECOSYSTEM RESTORATION"

organised by the Christ Church College, Kanpur, India in association with the Federation of Indian Export Organisations (FIEO) on World Environment Day, June 5, 2021.

Principal
Dr. Joseph Daniel

Chief Advisor, FIEO
Lion Y. S. Garg

Convenor
Dr. Anindita Bhattacharya

Organising Secretary
Prof. Ravi Prakash Mahalwala

Certificate ID: WER/2021/CCC/ 041



Federation of Indian
Export Organisations
(Established by Ministry of Commerce, Govt. of India)