

Report on Webinar on Environmental Awareness and Sustainable Development Held on Feb19, 2021

Date of Event	19.02.2021
Name and Type of Event	Webinar on Environmental Awareness and Sustainable Development
Conducted by	Mr. Ashwini kumar and Dr.Binod Kumar Choudhary
No. Of Participant	570

Webinar on Environmental Awareness and Sustainable Development

Dr.Sandhir Kumar Singh, currently working as a Faculty of Physics, Indian Institute Of Information Technology, Ranchi , Jharkhand. The speaker gave informative and illuminating lecture with very good content .It was valuable not only for students but for faculty and officials too. Through this Webinar Faculties, Students and other participants were able to understand importance Environmental Awareness, the Solution of Major Environmental Pollution, social and economic relationship of three pillars of sustainable development and Education about lifestyle. **Venue and Participants:** Webinar was conducted on Google meet as well live streaming was done on YouTube. **I am happy to share that the total participation register were 600 from different University/Institutes belongs to different zones of India and belong to foreign country Bangladesh, Nigeria, Philippines and Indonesia also.** Total numbers of attendees were above 570. The live streaming of Webinar on YouTube was also successful. We have got 629 views in 2 Hours.

About the speaker

Dr.Sandhir Kumar Singh, currently working as a Faculty of Physics, Indian Institute Of Information Technology, Ranchi ,Jharkhand. He has done Ph.D in Physics from VinobaBhave University Hazaribag.He is a renowned professor of Physics,having teaching experience of more than 20 years and Research experience approx. 15 years. Along with teaching Responsibilities he is also active in administrative responsibilities like Faculty in charge student affairs, Purchase officer, Member of Women cell, Nodal officer, all indian survey for higher education .He has more than 15 publications in International/ National Journal.

About the Topic

The speaker gave informative and illuminating lecture with very good content .It was valuable not only for students but for faculty and officials too. Through this WebinarFacultis, Students and other participants were able to understand importance Environmental Awareness, theSolution of Major Environmental Pollution,social and economic relationship of three pillars of sustainable development and Education about lifestyle

Environmental awareness is very easy to understand. Essentially, it is being aware of the issues that our earth is currently dealing with. Issues like deforestation, pollution, our ozone layer, water waste, landfills, and so much more. All of these issues are the direct result of human actions on the environment. Everything we do during our daily lives is worsening the effects of climate change and pollution. If we continue on our present course of not changing anything, we will not have an earth to live on anymore. This land will become barren, polluted beyond imagination, and unlivable, let alone what will happen to our natural resources.

The solution of Environmental pollution is going Green. Green and Growing focuses on keeping you happy, healthy, and green, while also encouraging us to do our part in protecting the environment. Changing your lifestyle to be more green is the first step to take. This would include altering the products you buy, like cleaning supplies, food, and

other products. Instead of buying products that are laden with chemicals and artificial additives, we can instead buy green and natural products. Not only will they keep excess chemicals from being released into the world, they are also far healthier for us.

Sustainable Development is the physical development and institutional operating practices that meet the needs of present users without compromising the ability of future generations to meet their own needs, particularly with regard to use and waste of natural resources. There are three important pillars. This consists of three parameters: Economic, Social, and Environmental pillars. If anyone pillar is weak then the system as a whole is unsustainable. Social Sustainability is the ability of a social system, such as a country, family, or organization, to function at a defined level of social well-being and harmony indefinitely. Problems like war, endemic poverty, widespread injustice, and low education rate are symptoms of a system that is socially unsustainable. Environmental Sustainability is the ability of the environment to support a defined level of environmental quality and natural resource extraction rates indefinitely. This is the world's **biggest actual problem**, though, since the consequences of not solving the problem now are delayed, the problem receives too low a priority to be solved. Economic Sustainability is the ability of an economy to support a defined level of economic production indefinitely. Since the Great Recession of 2008 this is the world's **biggest apparent problem** which endangers progress due to environmental sustainability problem.

Educating others is also extremely important. Now, not everyone is always open to changing their lifestyle and changing their routines. But there are a lot of benefits to doing so that exceed just being green. Many of the natural products that are available to us are much healthier for you than the regular products. Also, switching to renewable energy, or just reducing the amount of electricity we use, not only lessens the amount of CO₂ that is produced, it also can save you a bit of cash on your monthly bills. By informing people about the benefits of going green that are more than just environmental benefits, it may make people more open to the ideas

Venue and Participants: Webinar was conducted on Google meet as well live streaming was done on YouTube. **I am happy to share that the total participation register were 600 from different University/Institutes belongs to different zones of India and belong to foreign country Bangladesh, Nigeria, Philippines and Indonesia also.** Total

numbers of attendees were above 570. The live streaming of Webinar on YouTube was also successful. We have got 629 views in 2 Hours.

Poster of the Event

The poster is set against a teal background with white wavy lines. At the top left, the text reads 'Department of Engineering' in yellow and 'NATIONAL WEBINAR ON' in white. Below this, the main title 'ENVIRONMENTAL AWARENESS & SUSTAINABLE DEVELOPMENT' is displayed in yellow and white. On the right, the JGI logo is shown in a dark blue circle, with 'ARKA JAIN University' and 'Jharkhand (Jamshedpur)' below it. The event details are listed on the left: 'FRIDAY 19TH FEBRUARY, 21', 'START - 2:30 PM', 'LIVE STREAMING', and 'GOOGLE MEET'. A circular portrait of Dr. Sandhir Kumar Singh is on the left, with his name and affiliation below it. A large illustration of a globe with people interacting with it is on the right. A green bar at the bottom contains the contact information: 'CONTACT - MR. ASHWINI KUMAR, DR. BINOD KR. CHOUDHARY, DR. ANUPAMKUMARI'.

Department of Engineering
NATIONAL WEBINAR ON

**ENVIRONMENTAL AWARENESS &
SUSTAINABLE DEVELOPMENT**

JGI
ARKA JAIN
University
Jharkhand (Jamshedpur)

FRIDAY 19TH FEBRUARY, 21
START - 2:30 PM
LIVE STREAMING
GOOGLE MEET

DR. SANDHIR KUMAR SINGH
Faculty of Physics, Indian Institute Of Information
Technology Ranchi (Jharkhand)

CONTACT - MR. ASHWINI KUMAR, DR. BINOD KR. CHOUDHARY, DR. ANUPAMKUMARI

Source: Google Meet

Acid Rain

The diagram illustrates the formation of acid rain. On the left, a factory emits smoke containing VOCs and SO₂. A car on the road emits NO_x. These pollutants rise into the atmosphere. A callout bubble states: "Reaction in the atmosphere to form H₂SO₄ and HNO₃ with atmospheric water molecules". On the right, a blue cloud releases "Droplets of rain water carrying H₂SO₄ and HNO₃". These droplets fall onto a landscape with green trees and a blue lake. At the bottom of the diagram, a small text box says "1 meet.google.com is sharing your screen" with a "Stop sharing" button.

33:21 / 1:15:43



Source : www.youtube.com/MrNivedan

REC D Dr. Sandhir Singh is presenting

SOURCES OF WATER POLLUTION

- Most of Water Pollution is man made It may also occur naturally by addition of soil particles through erosion animal wastes and leaching of minerals from rocks
- The sources of water pollution can be classified as
 - Municipal Waste Water
 - Industrial Waste
 - Inorganic Pollutants
 - Organic Pollutants
 - Agricultural Wastes
 - Marine Pollution
 - Thermal pollution

People (25) Chat

- Dr. Keerti Rai
- Dr. Manoj Kumar Pathak
- Dr. Sandhir Singh
- Dr. Sandhir Singh Presentation
- Dr. Nishi Kant
- Jyotilal Goral
- kumaresh pal
- Maniranjn Kumar
- Dr. Binod Kumar Choudhary
- Dr. Chandra Prabha Sahu
- Ashwini kumar

Certificate of Participation

JGI ARKA JAIN University
Jharkhand
Estd. Under Jharkhand State Private University Act
GXCQQO-CE000533

Certificate of Participation

This is to certify that
Ahmed Ashour Abdelsalam Ibrahim Khadr
From **Damanhour University**
has successfully participated in a National Webinar on
“Environmental Awareness and Sustainable Development”
Organised by the Department of Engineering
Conducted on 19th February 2021

Binodhary
Dr. Binod Kr Choudhary
Convener

AD
Mr. Ashwini Kumar
Assistant Dean, AJU

S.S. Razi
Prof (Dr.) S.S. Razi
Vice-Chancellor, AJU