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**Report-Two Weeks Online Professional Development Program (PDP) On “Global Environmental Problems & Its Remedial Measures” Organized by Department of Environmental Science November 16-30, 2021**

3 messages

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Fri, Dec 24, 2021 at 2:19 PM

**Two Weeks Online  
Professional Development Program (PDP)  
On  
“Global Environmental Problems & Its Remedial Measures”  
Organized by  
Department of Environmental Science  
November 16-30, 2021  
Google meet Link for the Program: <https://meet.google.com/nta-ctpz-rod>**

**Convener:** Prof. (Dr.) M. A. Khalid, Head Environmental Science Department, Integral University, Lucknow

**Coordinator of PDP** consisted of Dr. Rahila Rahman Khan, Dr. Amina Jafri, Dr. Riyazuddin Khan, and Mr. Mohd. Usama

**Organizing Committee of PDP** were all the faculty members of Environmental Science Department

**Participants** of the **PDP** were from different streams and Universities.

Professional development and continuing education options can educate young and experienced professionals to new ideas, strengthen their knowledge, and grow their skills in their area. Those who actively seek out these learning opportunities will reap the greatest rewards. By increasing professionals' expertise through professional development, their confidence in their work will increase as well. Hence, the Department of Environmental Science conducted the PDP program on the topic that addresses the most burning challenges face by an Environment. Environmental protection has clearly become a common idea and development plan of all countries throughout the world; it is the foundation and support of human life and survival, as well as the assurance of sustainable human progress. Humankind is now working to achieve equilibrium with the environment balancing with the development and industrial progress. All countries must fulfill their respective responsibilities and obligations in environmental governance, working together to plan economic development, social progress, and environmental protection in order to achieve mutual gains and long-term global development, as well as to create entire planet as homeland for humankind with better environment to live in harmony. The major global environmental problems are pollution, global warming, climate Change, Ozone layer depletion, e-waste, acid rain, natural resource depletion, Disasters, waste disposal, deforestation and loss of biodiversity. The PDP address these global environmental issues and suggests solutions for them.

**Inaugural Session of PDP**

The Inaugural Session was held on 16<sup>th</sup> November, 21, which started with the welcome address delivered by Prof. M. A. Khalid, Head, Department of Environmental Science, Integral University, Lucknow. It was followed by keynote lecture on the topic “*Environmental Pollution*” by Dr. Nandkishor More, Professor, Deptt of Environmental Science, Babasaheb Bhimrao Ambedkar Central University, Lucknow. The session was closed with the Vote of thanks given by Dr. Syed Saema, Assistant Professor, Environmental Science, Integral University, Lucknow.

## **Scientific Sessions**

### **Day 1**

Session 1: This session was initiated with the key note lecture of Dr. N. K. More, Associate Professor, BBAU, Lucknow, U.P. on the topic “*Environmental Pollution*” that was delivered at the Inaugural Session.

Session 2: An Expert lecture was given by Prof. M. A. Khalid, Head, Department of Environmental Science, Integral University, Lucknow on the topic “Impact of climate change on wildlife”

### **Day 2**

Session 1: An Expert lecture was delivered by Prof. M. A. Khalid, Head, Department of Environmental Science, Integral University, Lucknow on the topic “Climate change and its impact on Biodiversity: Way forward”

Session 2: An Expert lecture was given by Dr. Amina Jafri Assistant Professor, Department of Environmental Science, Integral University, Lucknow on the topic “Current Scenario of Hospital waste management in India”

### **Day 3**

Session 1: An Expert lecture was delivered by Professor Shahid Ali Khan, OSD, Integral University, Lucknow on the topic “Forest conservation Act 1980- A way forward to forest conservation *viz a viz* Sustainable Development.”

Session 2: An Expert lecture was given by Dr. Anand Mishra Assistant Professor, Department of Environmental Science, Integral University, Lucknow on the topic “Assessment of Heavy metal toxicity on behaviour of aquatic organism”

### **Day 4**

Session 1: An Expert lecture was delivered by Dr. Riyazuddeen Khan, Assistant Professor, Department of Environmental Science Integral University, Lucknow on the topic “Species extinction and its Conservation”

Session 2: An Expert lecture was given by Dr. Anand Mishra Assistant Professor, Department of Environmental Science, Integral University, Lucknow on the topic “Test models for heavy metal detection”

### **Day 5**

Session 1: An Expert lecture was delivered by Dr. Qazi Inamur Rahman, Assistant Professor, Department of Chemistry Integral University, Lucknow on the topic “Nano technology a tool for effective water remediation”

Session 2: An Expert lecture was given by Dr. Syed Saema, Assistant Professor, Department of Environmental Science, Integral University, Lucknow on the topic “Tissue culture techniques: A way towards ex-situ conservation”

### **Day 6**

Session 1: An Expert lecture was delivered by Dr. Syed Saema, Assistant Professor, Department of Environmental Science Integral University, Lucknow on the topic “Covid-19 and the Environment”

Session 2: An Expert lecture was given by Dr. Riyazuddeen Khan, Assistant Professor, Department of Environmental Science, Integral University, Lucknow on the topic “Remediation of soil heavy metals by using phytoremediation technique”

### **Day 7**

Session 1: An Expert lecture was delivered by Dr. Upasana Yadav Professor in the department of Amity School of Applied Sciences, Amity University, Lucknow on the topic “Global warming and its impact on Environment”

Session 2: An Expert lecture was given by Dr. Rahila Rahman Khan, Assistant Professor, Department of Environmental Science, Integral University, Lucknow on the topic “Detrimental effects associated with consumption of Tobacco on human health ”

### **Day 8**

Session 1: An Expert lecture was delivered by Dr. Nidhi Gauba Dhawan Ph.D. M.Sc. Environmental Botany, Faridabad on the topic “E-waste recycling in Informal Sector- A potential Health Hazard”

Session 2: An Expert lecture was given by Professor Shahid Ali Khan, OSD, Integral University, Lucknow on the topic “Role of National Green Tribunal (NGT) in Environmental Protection and conservation of Natural Resources”

### **Day 9**

Session 1: An Expert lecture was delivered by Mr. Mohammad Usama, Assistant Professor, Department of Environmental Science Integral University, Lucknow on the topic “Climate Change and Species at Risk”

Session 2: An Expert lecture was given by Dr. Amina Jafri, Assistant Professor, Department of Environmental Science, Integral University, Lucknow on the topic “Recent trends in solid waste Management”

### **Day 10**

Session 1: An Expert lecture was delivered by Dr. Pratima Tripathi, Assistant Professor in Department of Biotechnology, National Institute of Pharmaceutical Education and Research (NIPER), Raebareli on the topic “Pharmaceuticals and Environment: Strategies to mitigate the threat”

Session 2: An Expert lecture was given by Mr. Mohd Usama, Assistant Professor, Department of Environmental Science, Integral University, Lucknow on the topic “Environmental Impact Assessment (EIA) and its challenges in current scenario”

### **Day11**

Session 1: An Expert lecture was delivered by Dr. Rahila Rahman Khan, Assistant Professor, Department of Environmental Science Integral University, Lucknow on the topic “Current trend of Air Pollution in metropolitan cities”

Session 2: An Expert lecture was given by Prof. M. A. Khalid, Head, Department of Environmental Science, Integral University, Lucknow on the topic “Clean Development Mechanism and Carbon Trading”

### **Day12**

Session 1: An Expert lecture was delivered by Dr. Rahila Rahman Khan, Assistant Professor, Department of Environmental Science Integral University, Lucknow on the topic “Ground water contamination: A risk on human health”

Session 2: An Expert lecture was given by Dr. Amina Jafri, Assistant Professor, Department of Environmental Science, Integral University, Lucknow on the topic “Preventive measures of pollution leads to sustainable development”

### **Day 13**

Session 1: An Expert lecture was given by Dr. Riyazuddeen Khan, Assistant Professor, Department of Environmental Science, Integral University, Lucknow on the topic “Over exploitation of Natural Resources and its management”

Session 2: An Expert lecture was delivered by Dr. Syed Saema, Assistant Professor, Department of Environmental Science Integral University, Lucknow on the topic “Agro ecology a way to sustainable agriculture”

### Day 14

Session 1: An Expert lecture was given by Mr. Mohd Usama, Assistant Professor, Department of Environmental Science, Integral University, Lucknow on the topic “Anthropogenic activities and man-made disaster; Problems and solution”

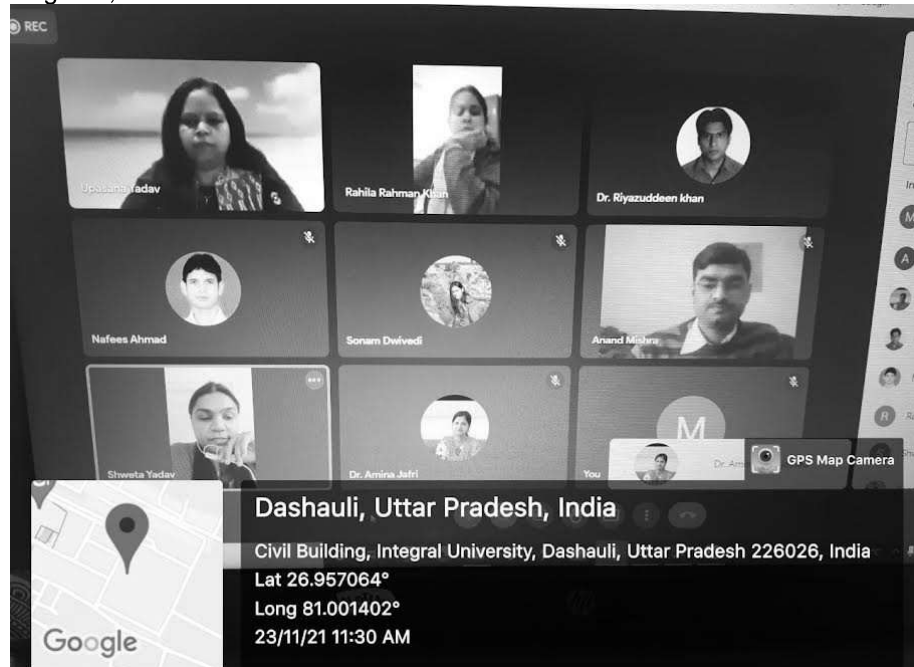
Session 2: An Expert lecture was delivered by Dr. Shweta Yadav, Assistant Professor, Department of Environmental Science Integral University, Lucknow on the topic “Recent trends in solid waste Management”

### Valedictory Session

The PDP closed with the **Valedictory Session** wherein the lecture was delivered by **Dr. Mohammad Israil Ansari**, Associate Professor, Department of Botany, Lucknow University on the topic “Xenobiotic and Human Health”. The session was anchored by Dr. Shweta Yadav and welcome address was given by Prof. (Dr.) M.A. Khalid and vote of thanks by Dr. Amina Jafri.



Regards,



REC M Mohd Usama is presenting

**GREENHOUSE EFFECT**  
The Greenhouse Effect

Solar radiation  
Long-wave radiation

Mohd Usama  
Mohsina Khan  
Nargis Khatun  
60 others  
You

GPS Map Camera

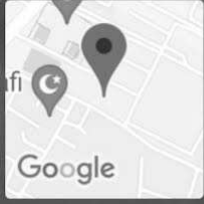
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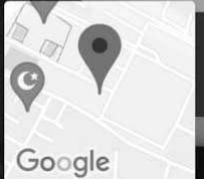
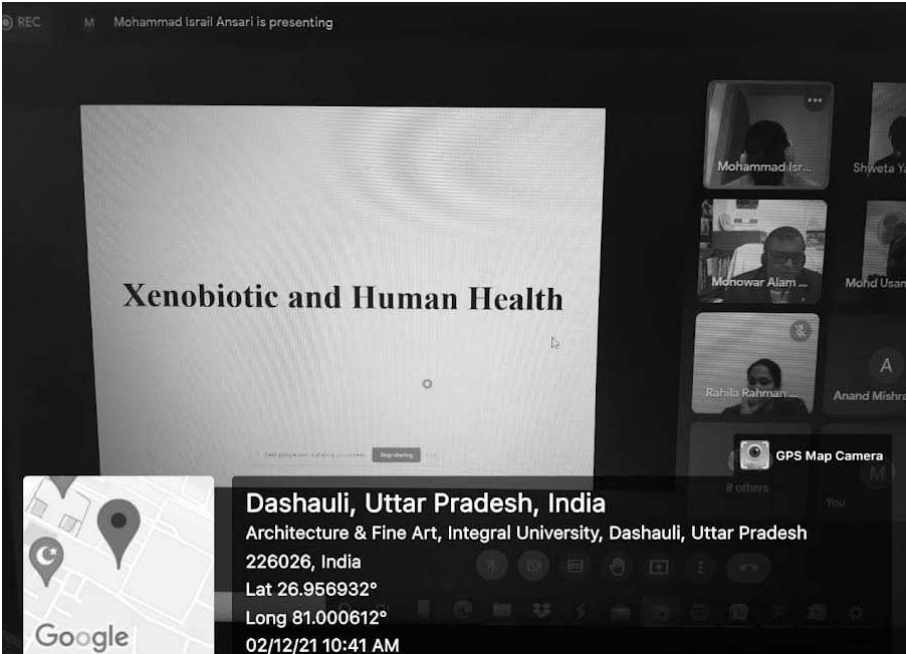
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226026, India  
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**Prof. Monowar Alam Khalid**, PhD, M.Sc, M.Phil (AMU), PGDRS (IIRS), FNA  
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Think Green - don't print this email unless really needed.

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**Dr. Riyazuddeen khan** <rkhan@iul.ac.in>  
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Tue, Dec 28, 2021 at 9:49 AM

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Tue, Dec 28, 2021 at 9:49 AM

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