



DEPARTMENT OF ENVIRONMENTAL SCIENCE

Organizing

Professional Development Program (PDP)

On

Global Environmental Problems & Its Remedial Measures

Duration of Program	:	2 Weeks
Program Start Date	:	November 16, 2021
End of Program	:	November 30, 2021
Mode of Program	:	Face to Face
Platform	:	Google meet

HIGHLIGHTS

- ✚ Pollution & Carbon Emissions
- ✚ Climate Change & Its Impact
- ✚ Biodiversity Loss & Its Management
- ✚ Waste Management
- ✚ Disaster Management

ABOUT

Who can attend: PDP is Open to faculty members, Research scholars from different disciplines & people from the Industry

UNIVERSITY

Integral University has a unique culture of inclusiveness, diversity, personal and intellectual integrity and value-based education. The curriculum has a strong focus on individual growth and the development of essential tools so that its students make a mark in the corporate world and the field of technology. These are solidly supported by a highly qualified and trained team of accomplished faculty and robust academic infrastructure. It was established under the Act Number 9 of 2004 by the State Government. The University is duly approved by the University Grants Commission (UGC) under section 2(f) and 12B of the UGC Act, 1956, Medical Council of India, Pharmacy Council of India, Indian Nursing Council, Council of Architecture, Bar Council of India, Indian Association of Physiotherapists, National Council for Teacher Education, UP State Medical Faculty and Distance Education Bureau. The University maintains a decent and decorous atmosphere in the campus. The campus is highly disciplined and ragging-free, with all modern amenities for pursuit of higher education and sports. The campus provides state-of-the-art hostel accommodation and houses a 550-bedded hospital, as part of the Medical College, with state-of-the-art medical facilities and more than 200 doctors. Integral University is not only an academic institution but also a mission and a vision to make the country progressive and prosperous in all walks of life.

DEPARTMENT

The Department of Environmental Science acts as a nodal centre for providing teaching support to various departments in the university as per UGC guidelines for courses like environment science and disaster management. It provides interface between academia and industry for finding solutions to the climate change and environmental issues. Presently, the Department offers the PhD. Degree program along with graduate and undergraduate courses M. Sc and B. Sc (Hons.) in Environmental Science. The Department has experienced permanent and visiting faculty members. The major research areas are basic and applied ecology, air, water and soil pollution, climate change and biodiversity, environmental impact assessment, bio-remediation, environmental toxicology, waste management, Remote Sensing/GIS etc.

PDP

The major global environmental problems are **pollution, global warming, Climate Change, ozone layer depletion, acid rain, natural resource depletion, Disasters, waste disposal, deforestation and loss of biodiversity**. The PDP address these global environmental issues and provide solutions for them.

Registration Link: <https://forms.gle/6sfRJCTKkEkFMQ5o7>

RESOURCE PERSONS

- Renowned Academicians from Universities & Scientists from Premiere organizations.

CONVENER

- Prof. (Dr.) Monowar Alam Khalid (Head, Department of Environmental Science, Integral University, Lucknow)

COORDINATORS

- ❖ Dr. Rahila Rahman Khan & Dr. Amina Jafri
- ❖ Dr. Riyazuddeen Khan & Mr. Mohammad Usama

ORGANIZING COMMITTEE

- Prof. (Dr.) Monowar Alam Khalid
- Prof. (Dr.) Shahid Ali Khan
- Mr. Mohammad Usama
- Dr. Riyazuddeen Khan
- Dr. Amina Jafri
- Dr. Rahila Rahman Khan
- Dr. Shweta Yadav
- Dr. Syed Saema
- Dr. Anand Mishra
- Mr. Mohd. Ashraf
- Ms. Mohsina Khan

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

2 messages

Communication Cell IUL <communications@iul.ac.in>
Bcc: faculty@iul.ac.in

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 16th 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"

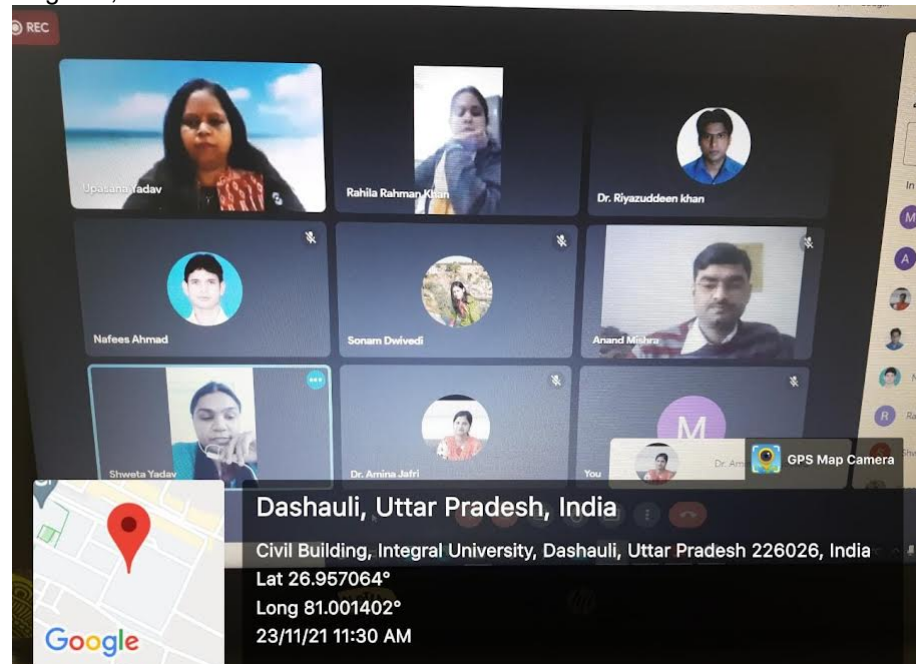
Session 2: An Expert lecture was delivered by Dr. Shweta Yadav, Assistant Professor, Department of Environmental Science Integral University, Lucknow on the topic "Recent trends in solid waste Management"

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,



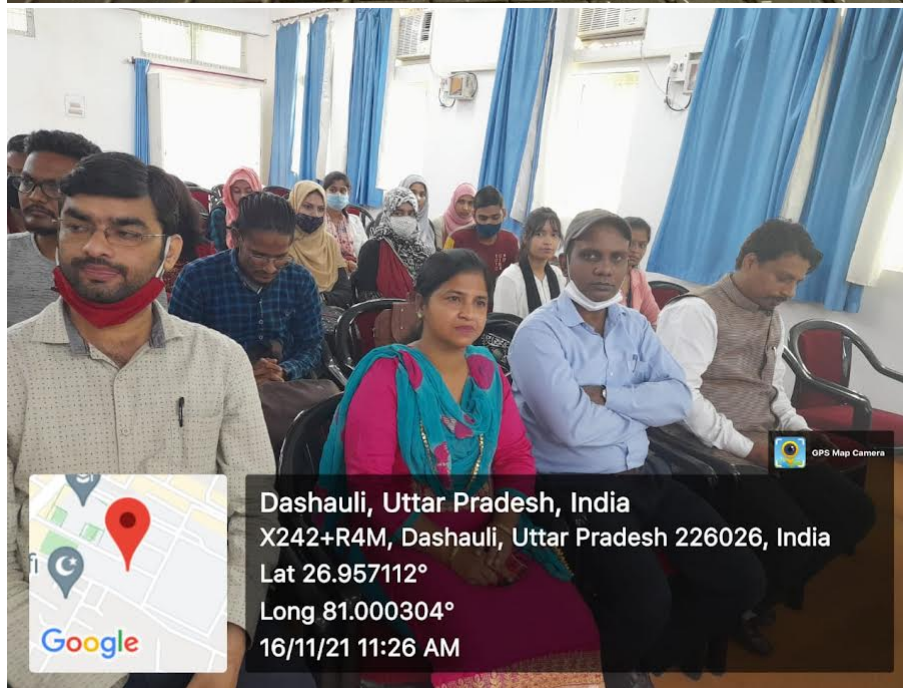
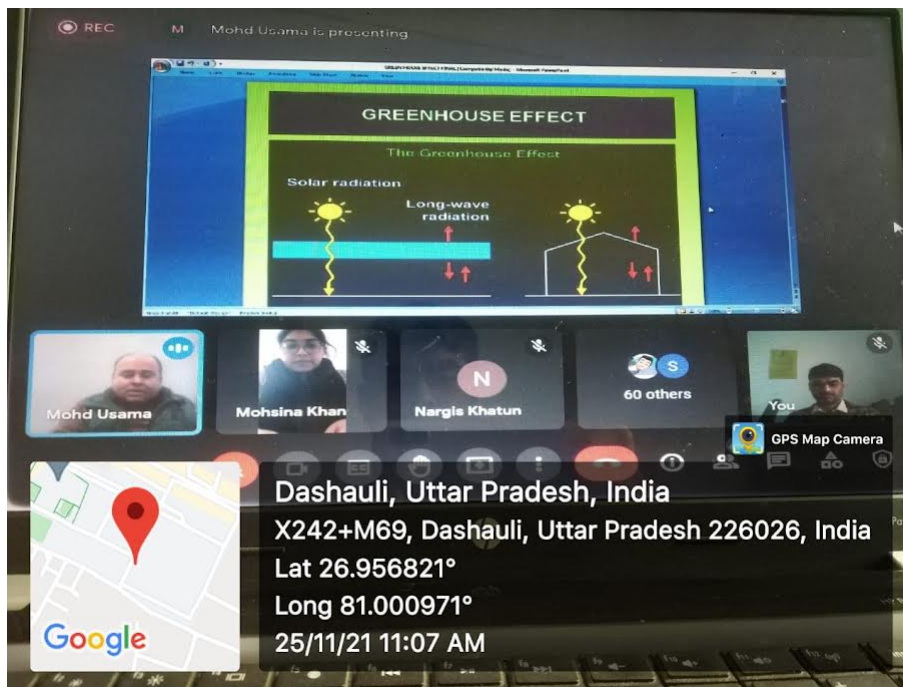
Dashauli, Uttar Pradesh, India

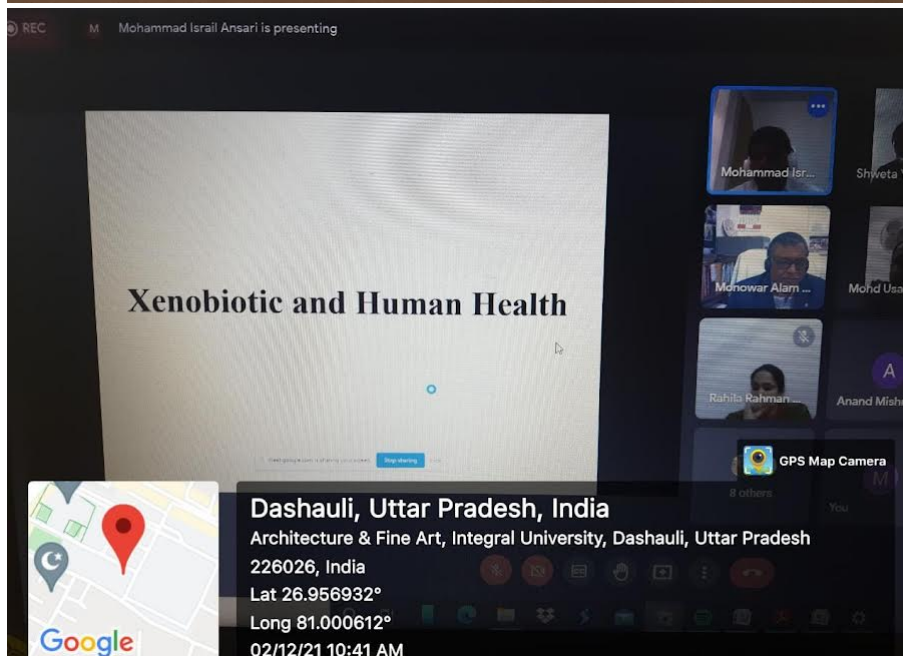
Civil Building, Integral University, Dashauli, Uttar Pradesh 226026, India

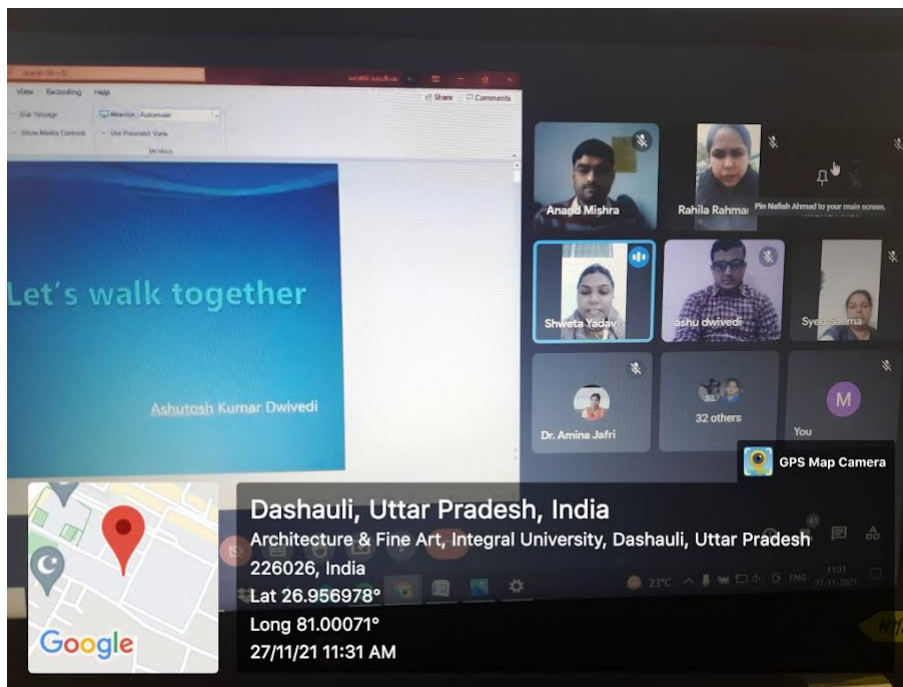
Lat 26.957064°

Long 81.001402°

23/11/21 11:30 AM









Prof. Monowar Alam Khalid, PhD, M.Sc, M.Phil (AMU), PGDRS (IIRS), FNA
(Member, World Commission on Protected Areas, IUCN)
Head, Department of Environmental Science
Dean, Students' Welfare
Integral University, Kursi Road,
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Think Green - don't print this email unless really needed.

Dr. Riyazuddeen khan <rkhan@iul.ac.in>
To: Rahila Rahman Khan <rahila@iul.ac.in>

Tue, Dec 28, 2021 at 9:49 AM

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Riyazuddeen Khan, Ph.D. ✨
Assistant Professor
Department of Environmental Science
Integral University

12/28/21, 12:03 PM

IU Mail - Report-Two Weeks Online Professional Development Program (PDP) On "Global Environmental Problems & Its Reme...

Lucknow, U.P. -226026, India.

Mobile No: +9198646109

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Timestamp	Name	Email ID	Mobile Number (WhatsApp)	Designation	Department	Institute Name	State	City
11/12/2021 17:10:56	Dr. P. Smriti Rao	psrao@iul.ac.in	9455331380	Assistant Professor	Agriculture	Integral University	Uttar Pradesh	Lucknow
11/12/2021 17:12:25	Preeti Shukla	shuklapreeti1991@gmail.com	8726715410	Lecturer	Mathematics	Integral University	Uttar Pradesh	Lucknow
11/12/2021 18:16:36	Dr. Mohammad Hasanain	mhasanain@iul.ac.in	8447286856	Assistant Professor	Department of Agriculture,	Integral University Lucknow	U.P.	Lucknow
11/12/2021 18:19:00	Asif Khan	asif05amu@yahoo.com	6392769570	AP	CA	IUL	UP	Lucknow
11/12/2021 18:44:57	Salman khan	Salmank@iul.ac.in	9838687331	Assistant Professor	Bioscience	Integral university	Uttar pradesh	Lucknow
11/12/2021 18:48:59	Er. U. P. Pandey	pandeyer@iul.ac.in	9621887755	Assistant Professor	Architecture Planning and	Integral University	Uttar Pradesh	Lucknow
11/13/2021 7:55:40	MD AZIZUR RAHMAN	marahman@iul.ac.in	8896510421	Associate Professor	Faculty of Pharmacy	Integral University	Uttar Pradesh	Lucknow
11/13/2021 9:24:15	Mohd Haleem	haleem@iul.ac.in	9452700202	Assistant Professor	Computer Application	Integral University	UP	Lucknow
11/13/2021 10:26:23	Dr Azkiya Waris	azkiya@iul.ac.in	8299757374	Assistant Professor	Education	Integral University	UP	Lucknow
11/13/2021 11:13:53	JAHANANARAH KHATOOC	jahanarah@iul.ac.in	7518409436	Assistant Professor	Biosciences	Integral university	Uttar Pradesh	LUCKNOW
11/13/2021 12:06:04	Dr. Mursalin Jahan	mursalin@iul.ac.in	7651923074	Assistant Professor	Languages	Integral University, Lucknow	Uttar Pradesh	Lucknow
11/13/2021 12:18:54	Mohsina Khan	mohsinakhan@iul.ac.in	9450325829	Visiting Faculty	Environmental Science	Integral University, Lucknow	Uttar Pradesh	Lucknow
11/13/2021 13:08:30	Dr. Shweta Yadav	shweta@iul.ac.in	7754885535	Assistant professor	Environmental Science	Integral University	Uttar Pradesh	Lucknow
11/13/2021 13:35:28	Shafaq naz	Shafaqu@student.iul.ac.in	7408887766	Student	Environmental sciences	Integral university	Uttar pradesh	Lucknow
11/13/2021 16:12:56	Dr. Amna Shamim	amnashamim2036@gmail.com	9169733377	Assistant Professor	Languages (English)	Integral University, Lucknow	Uttar Pradesh	Lucknow
11/13/2021 17:48:06	Mohd afzal	afzal@iul.ac.in	8957712902	Lecturer	Polytechnic	Integral University	UP	Lucknow
11/13/2021 22:37:14	Dr. Naseem Ahmad	naseem@iul.ac.in	8604863799	Assistant Professor	Chemistry	Integral University, Lucknow	U.P.	Lucknow
11/14/2021 11:48:21	Dr. Syed Wahaj Mohsin	swahaj@iul.ac.in	7007542488	Associate Professor	Languages/English	Integral University	Uttar Pradesh	Lucknow
11/14/2021 13:20:47	Nafish ahmad	nafeeshm@student.iul.ac.in	7080842709	Phd scholar	Environmental science	Integral university lucknow	Uttar Pradesh	Lucknow
11/14/2021 13:27:01	Shaista Taskeen	shaistat@student.iul.ac.in	9044438081	Research Scholar	Department of Languages/	Integral University	Uttar Pradesh	Lucknow
11/15/2021 9:23:12	Shaista Ateeque	shaistaa@iul.ac.in	7505783623	Lecturer	Education	Integral University	Uttar Pradesh	Lucknow
11/15/2021 10:31:44	Nafish ahmad	nafeeshm@student.iul.ac.in	7080842709	Student	Environmental science	Integral university	Uttar Pradesh	Lucknow
11/15/2021 10:40:07	Archana Yadav	archana@iul.ac.in	9935479342	Assistant professor	Electronics and Communica	Integral University, Lucknow	Uttar Pradesh	Lucknow
11/15/2021 12:03:16	Dr. Syed Saema	saema@iul.ac.in	9559815250	Assistant Professor	Environmental Science	Integral University, Lucknow	Uttar Pradesh	Lucknow
11/15/2021 14:21:12	Bindu Singh	Bindujnp917@gmail.com	8542828758	Assistant professor	Department of environmen	S N College of Pharmacy	Uttar pradesh	Jaunpur
11/15/2021 14:43:15	Anoop kumar Singh	anoopjnp@gmail.com	9721806802	Assistant professor	Pharmacy	S. N College of pharmacy	Uttar Pradesh	Jaunpur
11/15/2021 14:50:52	Dr. Anand Mishra	anandm@iul.ac.in	8386468311	Assistant Professor	Environmental Science	Integral University	Uttar Pradesh	Lucknow
11/15/2021 15:03:52	Swarup Jyoti Chattarjee	schatrarjee5@gmail.com	8005224746	Assistant Professor	Pharmacy	S. N. College of Pharmacy	Uttar Pradesh	Jaunpur
11/15/2021 15:08:18	ANIT KUMAR JHA	anitjha19@gmail.com	7007117229	Asst. Professor	Pharmacy	S.N.College of pharmacy J	U.P.	Jaunpur
11/15/2021 15:14:57	Sadhanayadav	sadhanayadav079@gmail.com	7651830995	Assistant professor	Pharmacy	S. N. College of pharmacy	U. P	Jaunpur
11/15/2021 15:20:00	Awan Kumar Pandey	awanpandeyjnp@gmail.com	8931913620	Lecturer	Pharmacy	SN College of Pharmacy J	Uttar Pradesh	Jaunpur
11/15/2021 15:30:20	Lalit Kumar Vishwakarma	lalit.vishwa143@gmail.com	8369149010	lecturer	pharmacy	S.N college of pharmacy, E	Uttar pradesh	jaunpur
11/15/2021 16:59:53	AKSHAY KUMAR VERMA	akshaykumarverma591@g	9026636221	Assistant professor	Pharmaceutics	S N College of Pharmacy J	Uttar Pradesh	Jaunpur
11/15/2021 17:29:08	Zeeba Fatima	zeebafatimaansari@gmail.com	8318526084	Lecturer	Pharmacy	S.N College Of Pharmacy,	Uttar Pradesh	Jaunpur
11/15/2021 17:54:30	MANISH KUMAR MAURY	manishmauryapit6565@gr	07355244162	lecturer	PHARMACY	SN COLLEGE OF PHARM	UTTAR PRADESH	JAUNPUR
11/15/2021 20:27:16	Sakshi gupta	ag0104945@gmail.com	6391786277	Lecturer	Pharmacy	S. N college of pharmacy	Uttar pardesh	Jaunpur
11/16/2021 8:36:06	Alok Kumar Mishra	alok.mishra.rkg@gmail.com	7307393140	Lecturer	Pharmacy	SN college of pharmacy	UP	Jaunpur
11/16/2021 9:56:39	AHMAD NEYAZ KHAN	ankhan@iul.ac.in	09027759825	Assistant Professor	Computer Application	Integral University	UTTAR PRADESH	LUCKNOW
11/17/2021 9:41:41	Faizan Arif Khan	fzn@iul.ac.in	9721376579	Assistant Professor	EE	Integral University	UP	Lucknow
11/17/2021 9:42:27	Ahmad Faiz Minai	afminai@iul.ac.in	7905100511	Associate Prodessor	Electrical Engineering	Integral University	Uttar Pradesh	Lucknow
11/17/2021 15:41:45	Isarar Ahmad	isarar.iul@gmail.com	7905205769	AP	EE	Integral University	UP	Luckno
11/17/2021 15:41:45	Prabhat Ranjan Sarkar	prabhat@iul.ac.in	9919333915	Assistant Professor	EER	Integral University	UP	Lucknow
11/18/2021 14:41:19	Iffat Zareen Ahmad	iffat@iul.ac.in	9919273517	Professor	Bioengineering	Integral University, Lucknow	Uttar Pradesh	Lucknow
11/18/2021 14:47:31	Sonam Dwivedi	dsonam@iul.ac.in	9580598231	Research Scholar	Bioengineering	Integral University, Lucknow	Uttar Pradesh	Lucknow



No. IUL/EVS/2021/PDP _____



Certificate of Participation

This is to Certify that Prof./Dr./Mr./Ms. _____

of _____

participated in Two weeks Professional Development Programme on

“Global Environmental Problems & Its Remedial Measures”

Organized by

Department of Environmental Science,

Integral University, Lucknow

16th - 30th November 2021

Prof. (Dr.) Monowar Alam Khalid

Head

Department of Environmental Science
Integral University, Lucknow

Prof. (Dr.) Abdul Rahman Khan

Dean

Faculty of Science
Integral University, Lucknow