

“SUSTAINABLE FUTURE AND CLIMATE CHANGE”

Jan 28, 2021, 7pm to 9pm (IST)

A webinar was organised under the aegis of **Amity Global Research Hub** on Jan 28, 2021, 7pm to 9pm (IST) on the topic of “*SUSTAINABLE FUTURE AND CLIMATE CHANGE*” inviting eminent speakers. Amity Global Research Hub is being developed with the vision of Founder President **Dr. Ashok K Chauhan, RBEF (Amity Education Group)** for the internationalisation of research activities at Long Island, New York. With the dynamic leadership of President and Chancellor **Dr. Atul Chauhan**, and Additional President and Chancellor **Dr. Aseem Chauhan**, we are working towards the activities of Amity Global Research Hub by inviting eminent scientists, policymakers to work on latest technologies, research projects and discussion forums.

Climate Change is the defining issue of our time and we are at a defining moment. From shifting weather patterns that threaten food production, to rising sea levels that increase the risk of catastrophic flooding, the impacts of climate change are global in scope and unprecedented in scale. Climate change is more than just one of the 17 SDGs specified in the 2030 Agenda for Sustainable Development. It is a threat multiplier with the potential to worsen some of humanity’s greatest challenges, including health, poverty and hunger. The need for increased climate action at all levels of society have led to our initiatives of webinar to gather and discuss with national and international experts for actions today, adapting to these impacts and ensuring a sustainable future.

The event started with the introduction to the theme by **Prof. Tanu Jindal, Group Add Pro Vice Chancellor (R&D), Amity University and Director Amity Institute of Environmental Sciences and Amity Institute of Environmental Toxicology Safety and Management**. She spoke on the most burning topic of climate change and the need for a sustainable future. She also focused on the Environmental initiatives taken by Amity University through various research projects, academic courses and

awareness programs, conference, seminars, workshops and training courses etc. She also welcomed all the eminent speakers of the webinar.

Later **Dr. W. Selvamurthy, President, Amity Science Technology and Innovation Foundation & Chancellor, Amity University Chhattisgarh** shared an overview on Amity Research Collaboration in USA and the unparalleled accomplishments of Amity University.

Event proceeded with talk by **Ms. Savita Arora, Vice President of Strategy & Operations, US Amity Education Group**, where she to share the Activities of Amity Global Research Hub with all.

First invited speaker **Maj. Gen MK Bindal, Executive Director, National Institute of Disaster Management**, presented his talk on “Climate Change and Disaster Management”. In his talk he discussed about the relation between climate change and increased events of disaster. He explained how climate change will affect disaster risks in two ways: firstly, through the likely increase in weather and climate hazards and effects of sea-level rise; and, secondly, through the increases in vulnerability of communities to natural hazards resulting from ecosystem degradation, reductions in water and food availability and changes to livelihoods. Climate change will thus add another stress to those of environmental degradation and rapid, unplanned urban growth, further reducing communities’ abilities to cope with even the existing levels of weather hazards. He also stressed on the need to mitigate the effects of climate change.

Later the chief guest **Mr. Satya S. Tripathi, Assistant Secretary-General and Head of New York Office at United Nations Environment Programme**, shared his views on “The UN Decade of action: Imagining a new paradigm for sustainable development”. He highlighted that the UN Decade of Action calls for accelerating sustainable solutions to all the world’s biggest challenges – ranging from poverty and gender to climate change, inequality and closing the finance gap. He presented a very thought-provoking talk on the participation of each one of us for targeting the sustainable future with the examples and case studies being carried out by UNEP on

bringing sustainable solutions at global level. He mentioned the case studies carried out in Indian context adopting organic farming for restoration of land for agriculture.

Following **Dr. Ajay Kr. Jha, Founder and CEO, Youth Lab and InnoP** talked about “Climate Change and Sustainable World”. He stressed on how climate change is the most significant challenge to achieving sustainable world, and it threatens to drag millions of people into grinding poverty. Climate change is not just a long-term issue. It is happening today, and it entails uncertainties for policy makers trying to shape the future. He gave a detailed talk on the global food system and Food, Bio-Ag Products, Energy Nexus. He also discussed about the role played by his organization on the current issues.

Prof. (Dr.) Gurinder Singh, Amity Group Vice Chancellor, Director General, Amity Directorate of Management and Allied Areas, Amity University Greater Noida Campus and Amity International Business School & Vice Chairman, Global Foundation for Learning & Excellence, discussed about the ‘Internationalisation of Amity’ and collaborations with various universities and organisations all over the world with Amity campuses, nationally and internationally.

Later **Dr. Vijeta Rattani, Technical Expert, Climate Change Group, GIZ,** talked on “Advancing Climate agenda in times of growing vulnerabilities”. She presented her views on the community participation in planning, the determined use of local and community knowledge and capacities, and the decentralization of decision-making, supported by and in synergy with national and international policies and actions to target a sustainable future.

Prof. Nir Krakauer, Professor, City University, New York, USA, delivered his talk on “Humid heat as a worsening climate hazard”. He highlighted how heat is the deadliest form of extreme weather, and it’s especially dangerous when paired with high humidity. He also discussed about the heat islands and how it’s affecting the present climate. He stressed about the extreme heat events in the world that are

already occurring and expected to become more common, more severe, and longer-lasting as the climate changes.

Mr. Jigmet Takpa, Indian Forest Service (IFS) Jammu & Kashmir Cadre, Joint Secretary and Head Desertification Cell in the Ministry of Environment, Forest and Climate Change, Government of India, presented his talk on “Sustainable Future and Climate Change Combating Desertification and Land Degradation”. He focused his talk on protection, restoration and promoting sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss. He also talked on the economic and social significance of a good land management, including soil and its contribution to economic growth and social progress is recognized for a sustainable future.

Later **Honourable Founder President Dr. Ashok K Chauhan, Founder President, Ritnand Balved Education Foundation and Chairman, AKC Group of Companies,** to share a few thoughts of encouragement and praised the efforts put in for organising an event of the topic that the need of the hour. He appreciated the deliberations of speakers. He also acknowledged the importance of land conservation for solving the issue of food security and climate change, covering all the aspects of climate change, heat island, impact on agriculture, vulnerabilities, sea level rise, desertification, and disaster management. He specially mentioned about the UN decade of action as discussed by Mr. Satya S. Tripathi and asked to work on achieving Sustainable Development Goals using pedagogical tools and research in education.

At the end the signing of MOU with NIDM was displayed. Collaboration work would be carried out for joint research, training and outreach programmes in the area of disaster management. The contact persons are Prof. Tanu Jindal from Amity university and Dr. Anil Gupta from NIDM.

Later Dr. D K Bandhopadhaya, Chief Advisor FPO / Chairman Amity Law School, Amity University shared encouraging words for sustainable development and its incorporation.

At the end Prof. Tanu Jindal thanked all the speakers and dignitaries for very worthy recommendations for achieving sustainable future and combating climate change. She also assured that recommendations will be implemented at the Amity Global Research Hub, Amity Institute of Environmental Sciences and Amity Institute of Environmental Toxicology Safety and Management. She also thanked all the team members for organising the webinar and the students, faculties and other dignitaries for their active participation.

Screenshots of the Webinar

Dr. Ashok K Chauhan

Founder President,

RBEF (Amity Education Group)



Prof. Tanu Jindal

Grp. Add. Pro Vice Chancellor (R&D)

Director- AIETSM & AIES, AUUP, Noida



Dr. W. Selvamurthy
President, ASTIF &
Chancellor, Amity University Chhattisgarh



Prof. (Dr.) Gurinder Singh
Group Vice Chancellor,
Amity Universities



Maj. Gen. MK Bindal
Executive Director, NIDM



Mr. Satya S Tripathi
UN Assistant Secretary,
General and Head,
UNEP, New York- USA



Dr. Ajay Jha

Director, Institute for Global Agriculture & Technology Transfer,

CEO InnoP Global Incubator



**Climate Change
Sustainable World**

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COVID-19: A NEW
WORLD

Prof. Nir Krakauer

Professor

City University , NY

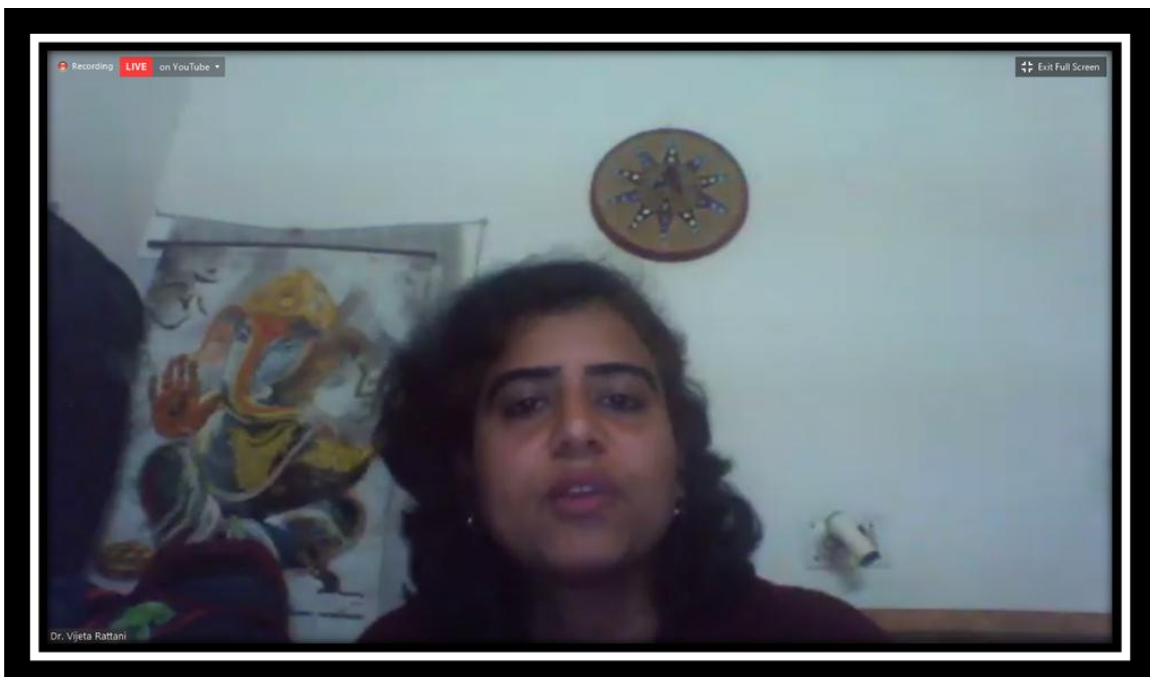


Dr. Vijeta Rattani

Technical Expert

Climate Change Group,

GIZ



Mr. Jigmet Takpa

IFS, Joint Secretary

MOEFCC



Prof.(Dr.) D K Bandyopadhyay

Chief Advisor (FPO)



MOU Sign between Amity & NIDM

