

CITY AIR NEWS

DEDICATED TO LATE SHRI H.R. DHIMAN (JOURNALIST)

STRAIGHT FORWARD

Go rural with high tech minds and scientific solutions

Agri Tech Webinar at Amity University Haryana



Gurugram: At a time when the care and concern for life has taken a precedence over growth and development, it is absolutely necessary to pay an added attention to the essentials for survival that include food and nutrition, potable water and clean air. Naturally so, the Govt of India have initiated several missions in the recent past such as, National Clean Air mission, Gurujal and Namami Gange and lately provided a great impetus on circular economy that aims at creating an enabling environment for most effective waste management, accelerated production and use of renewable energy and water conservation in all sectors of economy, more so in the agriculture sector that is a major consumer of freshwater. All these would require taking masses on board and penetrate deep into rural India with most modern technologies.

However, on top of all this is the concern for proving a significant boost to rural economy, that besides assuring food security, shall create jobs in millions for the young, inspired minds both in rural as well as in urban India. But then it requires a totally new approach to farming and a rapid growth of high-tech Agri-tech startups in rural India. We need to create an intense urge to "Go Rural with High Tech Minds and with Scientific Solutions" opined Prof P B Sharma, Vice Chancellor of Amity University Haryana while delivering his welcome address at the high impact webinar on "Use of ICT and Youth for Agriculture Development- the Need of the Hour" organised today on 8th April 2021.

Addressing the large gathering of senior scientists, Deans, Head of Institutions, Faculty and Students of Amity University from AUH and 11 different Amity campuses in India, the Principal Scientist of Dr M S Swaminathan Research Foundation Dr N Parasuraman said "A new wave of Green Revolution is on the card with high technology moving towards rural India. We need to empower our farmers with new gen technologies and agri-process as also to have a new impetus to Agri-clinics, agribusiness hubs and food tech parks to reap a rich harvest to rural economy".

The webinar was also addressed by the Chairman of FICCI Task force on AgriTechstartups Shri Hemendra Mathur who said "The participation of rural youth should be given an added focus along with fostering new agritechstartups in rural India". Inspired minds of youth who have knowledge of high technologies and are desirous of creating successful startups should come forward now that the desired ecosystem for innovation and start up is in place.

The unique feature of today's webinar was the share of success by Shri Sachin Darbarwar, Founder and CEO of Simply Fresh India who after spending 15 years in SW profession returned to India along with his wife Ms Sweta to establish the agri-tech star tup that integrates most advanced AI and IT solutions into energy and water efficient, highly productive venture that today has grown to great eminence on 150 acres of precision farming producing farm fresh vegetables along with a wide variety of medicinal plants using hydroponic farming. The produce from such an innovative and smart farming are both safe and of world quality, Shri Sachin Said.

In his words of wisdom at the High Impact webinar, the Hon'ble Chancellor of Amity University Haryana, Dr Aseem Chauhan said "We must look at tomorrows India that requires a renewed focus on sustainability and jobs. Much of this shall depend upon our ability in the university community to inspire youth to turn towards rural with tomorrows Agri-tech solutions". Amity University lays a great emphasis on integrative sciences and innovative solutions to today's as well as future challenges, said Dr Chauhan.

Responding to a question on water quality for hydroponic agriculture Shri Sachin said that the quality of water is central to the success of the Agritech startups like Simply Fresh and we pay a great attention to water quality alongside with water conservation. He also opined that the new age agri processes offer a feasible and affordable solution to mitigating the environmental and climate change challenge for the agriculture sector. Responding to yest another question Dr N Parasuraman said the new and innovative solutions are required for costal areas where water salinity is a major concern and same is the case with food hit areas where abundance of water requires revisiting the agri-technologies.

Dr Sanjana Vij and Dr Indu Sekhar Thakur coordinated the webinar for which excellent IT support was provided by Dr JS Sodhi and the IT team of AUH.



Trending

“Go rural with High Tech Minds &Scientific Solutions”: Experts

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Newsabode 4 days ago



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Gurugram: April 8, 2021: At a time when the care and concern for life have taken precedence over growth and development, it is absolutely necessary to pay an added attention to the essentials for survival that include food and nutrition, potable water, and clean air.

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However, on top of all this is the concern for proving a significant boost to the rural economy, that besides assuring food security, shall create jobs in millions for the young, inspired minds both in rural as well as in urban India. But then it requires a totally new approach to farming and rapid growth of high-tech Agri-tech startups in rural India. We need to create an intense urge to &” Go Rural with High Tech Minds and with Scientific Solutions” opined Prof P B Sharma, Vice-Chancellor of Amity University Haryana while delivering his welcome address at the high impact webinar on “Use of ICT and Youth for Agriculture Development- the Need of the Hour” organized today on 8th April 2021.

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The webinar was also addressed by the Chairman of FICCI Taskforce on AgriTech startups Mr. Hemendra Mathur who said "The participation of rural youth should be given an added focus along with fostering new agritech startups in rural India". Inspired minds of youth who have knowledge of high technologies and are desirous of creating successful startups should come forward now that the desired ecosystem for innovation and start-up is in place.

The unique feature of today's webinar was the share of success by Mr. Sachin Darbarwar, Founder and CEO of Simply Fresh India who after spending 15 years in the SW profession returned to India along with his wife Ms. Sweta to establish the agritech start up that integrates most advanced AI and IT solutions into energy and water efficient, highly productive venture that today has grown to great eminence on 150 acres of precision farming producing farm-fresh vegetables along with a wide variety of medicinal plants using hydroponic farming.

The produce from such innovative and smart farming is both safe and of world quality, Mr. Sachin said. In his words of wisdom at the High Impact webinar, the Chancellor of Amity University Haryana, Dr. Aseem Chauhan said "We must look at tomorrow's India that requires a renewed focus on sustainability and jobs. Much of this shall depend upon our ability in the university community to inspire youth to turn towards rural with tomorrow's Agri-tech solutions". Amity University lays a great emphasis on integrative sciences and innovative solutions to today's as well as future challenges, said Dr. Chauhan.

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conservation. He also opined that the new age processes offer a feasible and affordable solution to mitigating the environmental and climate change challenge for the agriculture sector. Responding to yet another question Dr. N Parasurama said the new and innovative solutions are required for coastal areas where water salinity is a major concern and the same is the case with food-hit areas where an abundance of water requires revisiting the Agri-technologies.

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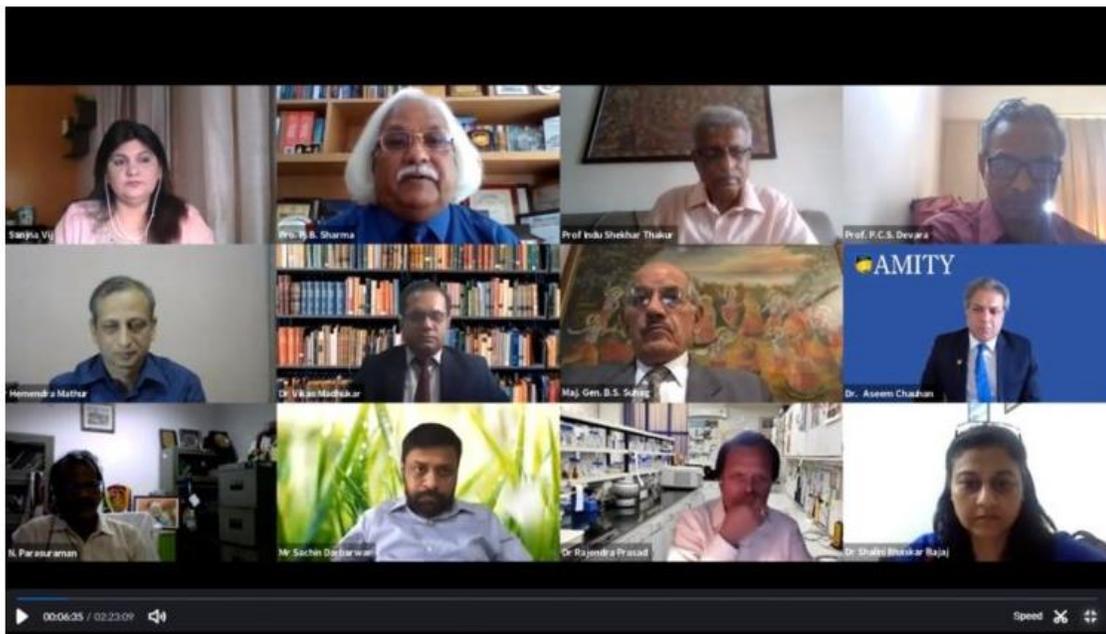
“Go Rural With High Tech Minds And Scientific Solutions”: Agri Tech Webinar At Amity University Haryana

By Tennews.In — On Apr 9, 2021



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Ten News

Amity Holds Virtual Conference on Modern Innovations in Engineering and Technology

Posted on September 21, 2020 by PNI Admin



New Delhi: Amity School of Engineering & Technology (ASET), Amity University Haryana (AUH) organized its National Virtual Conference on “Advancements & Modern Innovations in Engineering and Technology (AMIET-2020)”. The conference was technically sponsored by the Gurugram Chapter of the Computer Society of India (CSI). The AMIET-2020 was conceptualized and materialized by the organizing chair Prof. (Dr.) S. N. Sridhara, Director (ASET) under the guidance and motivation of the patrons of the conference, namely, Hon’ble Founder President Dr. Ashok K. Chauhan, Hon’ble Chancellor Dr. Aseem K. Chauhan, Hon’ble Vice-Chancellor Prof. (Dr.) P. B. Sharma, Hon’ble Deputy-Vice-Chancellor Maj. Gen. B. S. Suhag (Retd.) and Hon’ble Pro-Vice-Chancellor Prof. (Dr.) Padmakali Banerjee. The inaugural session of the conference commenced with the virtual lighting of lamp as light symbolizes the absence of darkness, grief and unhappiness.

The vision and driving force behind the conduct of the conference was to provide a virtual platform for the researchers, scholars, academicians and students for dissemination and exchange of information, ideas and novel innovations especially during this ongoing global pandemic time.

Dr. Arun K Tripathi, Director General, National Institute of Solar Energy, Ministry of New and Renewable Energy, Govt of India, emphasized on planning, development and implementation of solar power plant installations, Renewable energy generations, energy efficient green buildings, waste management and public awareness in the country. He elaborated on how solar industrial uprising gave birth to industrial, technological and economic plethora towards growth and prosperous competence building of the nation. He further affirmed that solar industry globalics have combined innovation with economic development, sectoral transformations and self-reliant productive strategy of human community. As an environmental metaphor, he sensitized to bridge the gap between science, technology, societal aspirations with responsible research and innovation globally.

Shri R. K. Vyas, President CSI & Dr. Brijesh Kumar, Head, CSI, Gurgaon Chapter, Prof A.K Nayak, Immediate Past President, CSI, addressed the august gathering with their words of wisdom and congratulated Amity fraternity to organize such rebellious online event helping in digital knowledge sharing and concept framing among researchers and scientists globally. They stressed upon the importance of blended teaching learning as a paradigm shift in education and overall development of the country.

Prof P B Sharma, Vice Chancellor, Amity University Haryana, marked his presence with ecstatic and vibrant note and congratulated Amity School of Engineering & Technology for organizing AMIET-2020 in Amity University Haryana. He expressed how necessary the knowledge sharing, learning, research, innovation and capacity building are, to provide an alternative framework for economic and evolutionary development of the country. Prof Sharma emphasized on the role of engineering & Technology for societal development, prosperity, empowering humanity, enhancing quality and standard of life for current and upcoming generations. He accentuates the importance of Artificial Intelligence, Machine Learning, Data Analytics, Robotics, Industry 4.0, Industry 5.0, Solar energy, environmental and sustainable evolution, indoor and outdoor air quality, through men, machine, architecture and innovative genius minds of today's and tomorrow. Further, he highlighted marketing & media, patenting, research, innovation and industrial development as the phenomenal tools for strengthening the economy, nation building and to emerge India as vibrant, prosperous, healthy and safe habitat for all.

Integrating the concept of research, innovation, blended learning with the digitalization of education in today's era, Pro Vice Chancellor, Prof. Dr. Padmakali Banerjee expressed her deep concern for vitalizing researchers and young minds in education, development and quality driven skills for technological advancements across the globe. She announced September as a month of innovation & enthusiasm on the path of patenting, research publications, and thinking beyond innovation to conceptualize our dreams in this world. She proudly mentioned about Swami Vivekanand who delivered a heart touching speech in Chicago to reflect the culture, religion & scientific credentials of our India, in the month of September only.

Dr. S. N. Sridhara concluded his hope that such platforms would give a pool of innovative and revolutionary ideas to curb the challenges occurring in technical growth and development of the country.

All the honorable dignitaries on the dais, released conference proceeding published with ISBN in collaboration with CSI Gurgaon Chapter. The conference received 150+ papers and posters from 20 different colleges and Universities. The conference proceedings will also be submitted to Information and Library Network Centre, to further augment the visibility and citations of these papers. Additionally, a book of abstracts is also prepared and released by the dignitaries along with conference proceedings on this auspicious day of National Conference.

The technical sessions were followed by the Valedictory Session of the conference where Hon'ble Vice Chancellor, Prof PB Sharma of AUH and Immediate Past President, CSI, Prof, A.K Nayak motivated and congratulated the participants, attendees and the organizers of the conference. Dr Rajesh Arora, Associate Professor, ME Department, AUH delivered a detailed report of the AMIET-2020 conference. He presented highlights and informed the audience about the outcome of the various events of the day. The winners of best paper and poster presentation from each theme of the technical sessions were announced by Mr. Manish Bharti and Mr. Anuj Kumar Singh. The conference ended with a vote of thanks by Mr. Akshat Aggarwal and with a positive note and satisfaction of all stakeholders.

PNI

Link - <https://www.pnnews.com/virtual-conference-on-advancements-modern-innovations-in-engineering-and-technology/>

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Amity University Gurugram Advancements & Modern Innovations in Engineering and Technology

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All the honourable dignitaries on the dais released conference proceeding published with ISBN in collaboration with CSI Gurgaon Chapter. The conference received 150+ papers and posters from 20 different colleges and Universities. The conference proceedings will also be submitted to the Information and Library Network Centre, to further augment the visibility and citations of these papers. Additionally, a book of abstracts is also prepared and released by the dignitaries along with conference proceedings on this auspicious day of National Conference. The technical sessions were followed by the Valedictory Session of the conference where Hon'ble Vice-Chancellor, Prof PB Sharma of AUH and Immediate Past President, CSI, Prof, A.K Nayak motivated and congratulated the participants, attendees and the organizers of the conference. Dr Rajesh Arora, Associate Professor, ME Department, AUH delivered a detailed report of the AMIET-2020 conference. He presented highlights and informed the audience about the outcome of the various events of the day. The winners of the best paper and poster presentation from each theme of the technical sessions were announced by Mr. Manish Bharti and Mr. Anuj Kumar Singh. The conference ended with a vote of thanks by Mr. Akshat Aggarwal and with a positive note and satisfaction of all stakeholders.

Business News This Week

Link - <http://businessnewsthisweek.com/education/amity-university-gurugram-advancements-modern-innovations-in-engineering-and-technology/>

Education

Amity University Gurugram Advancements & Modern Innovations in Engineering and Technology

🕒 24 hours ago Pariti. Gayathri



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Amity School of Engineering & Technology (ASET), Amity University Haryana (AUH) organized its National Virtual Conference on “Advancements & Modern Innovations in Engineering and Technology (AMIET-2020)”. The conference was technically sponsored by the Gurugram Chapter of the Computer Society of India (CSI). The AMIET-2020 was conceptualized and materialized by the organizing chair Prof. (Dr.) S. N. Sridhara, Director (ASET) under the guidance and motivation of the patrons of the conference, namely, Hon’ble Founder President Dr. Ashok K. Chauhan, Hon’ble Chancellor Dr. Aseem K. Chauhan, Hon’ble Vice-Chancellor Prof. (Dr.) P. B. Sharma, Hon’ble Deputy-Vice-Chancellor Maj. Gen. B. S. Suhag (Retd.) and Hon’ble Pro-Vice-Chancellor Prof. (Dr.) Padmakali Banerjee. The inaugural session of the conference commenced with the virtual lighting of lamp as light symbolizes the absence of darkness, grief and unhappiness.

The vision and driving force behind the conduct of the conference were to provide a virtual platform for the researchers, scholars, academicians and students for dissemination and exchange of information, ideas and novel innovations, especially during this ongoing global pandemic time.

Dr. Arun K Tripathi, Director General, National Institute of Solar Energy, Ministry of New and Renewable Energy, Govt of India, emphasized on planning, development and implementation of solar power plant installations, Renewable energy generations, energy-efficient green buildings, waste management and public awareness in the country. He elaborated on how solar industrial uprising gave birth to industrial, technological and economic plethora towards growth and prosperous competence building of the nation. He further affirmed that solar industry globalists have combined innovation with economic development, sectoral transformations and self-reliant productive strategy of the human community. As an environmental metaphor, he sensitized to bridge the gap between science, technology, societal aspirations with responsible research and innovation globally.

Shri R. K. Vyas, President CSI & Dr. Brijesh Kumar, Head, CSI, Gurgaon Chapter, Prof A.K Nayak, Immediate Past President, CSI, addressed the august gathering with their words of wisdom and congratulated Amity fraternity to organize such rebellious online event helping in digital knowledge sharing and concept framing among researchers and scientists globally. They stressed upon the importance of blended teaching-learning as a paradigm shift in education and overall development of the country.

Prof P B Sharma, Vice-Chancellor, Amity University Haryana, marked his presence with an ecstatic and vibrant note and congratulated Amity School of Engineering & Technology for organizing AMIET-2020 in Amity University Haryana. He expressed how necessary the knowledge sharing, learning, research, innovation and capacity building are, to provide an alternative framework for the economic and evolutionary development of the country. Prof Sharma emphasized on the role of engineering & Technology for societal development, prosperity, empowering humanity, enhancing quality and standard of life for current and upcoming generations. He accentuates the importance of Artificial Intelligence, Machine Learning, Data Analytics, Robotics, Industry 4.0, Industry 5.0, Solar energy, environmental and sustainable evolution, indoor and outdoor air quality, through men, machine, architecture and innovative genius minds of today and tomorrow. Further, he highlighted marketing & media, patenting, research, innovation and industrial development as the phenomenal tools for strengthening the economy, nation-building and to emerge India as a vibrant, prosperous, healthy and safe habitat for all.

Integrating the concept of research, innovation, blended learning with the digitalization of education in today's era, Pro-Vice-Chancellor, Prof. Dr. Padmakali Banerjee expressed her deep concern for vitalizing researchers and young minds in education, development and quality-driven skills for technological advancements across the globe. She announced September as a month of innovation & enthusiasm on the path of patenting, research publications, and thinking beyond innovation to conceptualize our dreams in this world. She proudly mentioned about Swami Vivekanand who delivered a heart touching speech in Chicago to reflect the culture, religion & scientific credentials of our India, in the month of September only.

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Environment

Trending

“Indo-Italian Roundtable on Innovation and Technology for Ecosystem Restoration & Clean Environment” organized on Environment Day

Newsabode 7 days ago



“Indo-Italian Roundtable on Innovation and Technology for Ecosystem Restoration & Clean Environment” organized on Environment Day

Gurugram: 5th June 2021: The pandemic that the world has been dealing with for almost 1.5 years now has shown how disastrous the consequences of ecosystem loss can be. By shrinking the area of natural habitat for animals, we have created ideal conditions for pathogens – including coronaviruses – to spread.

It is with healthy ecosystems, we can improve people’s livelihoods, mitigate climate change and stop the collapse of biodiversity. The cause of the ongoing pandemic has been one such human error that has stopped the world and forced us to rethink where we went wrong and what is important for the sustenance of life on earth. World Environment Day offers such an opportunity and a global platform for inspiring positive change.

This year, the theme of World Environment Day being 'Ecosystem Restoration', is the most appropriate subject to substantiate the importance of a healthy environment. At the "Indo-Italian Roundtable on Innovation and Technology for Ecosystem Restoration and Clean Environment" today, the Amity School of Earth and Environmental Sciences (ASEES) of Amity University Haryana celebrated World Environment Day with a resolve to go green with high tech minds and with sustainable solutions to assure a bright green future for the people of India and the global community.

The online round table was participated by eminent panelists that included eminent scientists from ENEA, Italian National Agency for New Technologies, Energy and Sustainable Development Dr. Alessandro Agastini and Dr. Vinod K Sharma and Dr. Antonella Marone and Prof. Gufran Beig, Indian Institute of Tropical Meteorology, Pune, India, and Dr. H. Pathak, ICAR-National Institute of Abiotic Stress Management (NIASM), Baramati, Maharashtra, India.

The Roundtable was also addressed by Chancellor of AUH Dr. Aseem Chauhan, Vice-Chancellor Prof PB Sharma, President of ASTIF Dr. W Selvamurthy, Chairman Amity PACIFIC Forum Dr. Ajit K. Nagpal, Pro-Vice-Chancellor Prof Padmakali Banerjee, and Director AIB Prof. Rajendra Prasad. A number of Vice-Chancellors of Amity Universities in India, Deans, Heads of the Institutions, Members of the faculty and a large number of students and research scholars attended the Roundtable cum Webinar.

Chancellor of AUH Dr. Aseem Chauhan with his highly inspiring Words of Wisdom emphasized that "the Amity philosophy is to be on the side of the part of the solution and our education and research efforts have a strong focus on developing sustainable solutions to solve the major challenges confronting the humanity that include Climate Change, Environmental Pollution mitigation technologies, new energy technologies, wastewater technologies, and innovative agri-technologies. AUH is the front runner in the fight to save the environment and to make this world a better place to live. We are on a mission to clean our environment. The idea of having this roundtable is to bring India and Italy together and come out with impactful solutions in near future."

Prof P B Sharma, Vice-Chancellor, Amity University Haryana while delivering his address said, "We need to create a New Normal of development and growth that shall guarantee our march on the pathways of green engineering and green technologies keeping the high pace of development without sacrificing the interest of man and that of Mother Nature. Our research and innovations in AUH are aligned to national priorities and global aspirations." We look towards working with ENEA, Italy in areas of deep interest for creating a sustainable future.

Prof Sharma further proposed that the august assembly should resolve today that "The right to breathe clean air and to have clean potable water be made a Fundamental Right of the citizens of the global world".

Dr. Alessandro Agostini, Senior Scientist at ENEA Research Centre, TERIN, ITALY while delivering his keynote lecture on "Innovations in Agrivoltaics for crop production, energy generation, and climate change", emphasized on improving environmental sustainability achieved through effective integration of solar photovoltaic with agriculture. Explaining further about Agrivoltaic (AV) systems he introduced the model of the environmental and economic performances of an innovative Agrivoltaic system built on tensile structures (*Agrovoltaico*) in the Po Valley.

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The webinar was organized by Dr. I S Thakur, Director, ASEES, and was supported by Dr Kushagra Rajendra and Dr. Shruti for which excellent IT support was provided by Dr. JS Sodhi and his team.

News Abode

Link- <https://newsabode.com/indo-italian-roundtable-on-innovation-and-technology-for-ecosystem-restoration-clean-environment-organized-on-environment-day/>

Indo-Italian Roundtable on Innovation and Technology for Ecosystem Restoration and Clean Environment

cityairnews Jun 5, 2021 09:04



Indo-Italian Roundtable on Innovation and Technology for Ecosystem Restoration and Clean Environment being organized by Amity University Haryana on World Environment Day.

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City Air News

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Gangavaram Port celebrates World Environment Day 2021

Amity University Haryana

Published on June 6, 2021

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APN News

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JUNE 7, 2021

Indo-Italian Roundtable on Innovation and Technology for Ecosystem Restoration and Clean Environment”

BUSINESS

by Praveen Dansil

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