



AMITY UNIVERSITY

— R A J A S T H A N —

16/02/2022

Eco-warriors: Student Society for a Sustainable Solutions

Eco-warriors: Student Society for Sustainable Solutions is an excellent initiative to promote environmental consciousness and responsible practices among students. Society is dedicated to sustainable development and inspires young minds to take action towards a greener and more sustainable future. To achieve this, society organizes awareness campaigns on various sustainability topics such as climate change, waste reduction, renewable energy, water conservation, and biodiversity conservation.

Jeet Kumar Singh	B. Tech CSE-	Student Coordinator
Shruti Mishra	B.Tech Biotech-	Member
Dhruv Jogani	B.Tech Chemical Engineering	Member
Annaya Pandey	B.Tech CSE	Member
Anu Roy	BCA	Member
Ananya Jain	B.Tech Biotech	Member
Sri Krishna Das	B.Tech FT	Member
Pratyush Singh	BA (Hons.) English	Member
Vishakha Kaushik	BA LLB	Member
Aditya Raj Singh	B.Tech CSE	Member
Parveen Khan	BJ&MC	Member



Enviro Act Club



To comply with Government of India's Environment Protection Act 1986, and to create awareness and take necessary action for the protection of environment an environment club "**Enviro Act Club**" of Amity Institute of Biotechnology, Amity University Rajasthan, Jaipur is constituted as under:

Chairperson

- | | |
|---------------------|--------------------------|
| 1. Dr. Era Upadhyay | Associate Professor, AIB |
|---------------------|--------------------------|

Members

- | | |
|----------------------------|--------------------------|
| 2. Dr. Shweta Kulshreshtha | Associate Professor, AIB |
| 3. Dr. Vigi Chaudhary | Assistant Professor, AIB |
| 4. Dr. Sunil Kumar | Assistant Professor, AIB |

Student Representatives

- | | |
|---------------------------|-----------------------------------|
| 5. Ms Anekar Gunika Rajan | B.Tech. Biotechnology, V Sem. |
| 6. Ms Shreyada Dasare | B.Sc. Biotechnology, V Sem. |
| 7. Mr Akshat Jakhar | B.Tech. Food Technology, VII Sem. |

Prof. Vinay Sharma
Director, AIB, AUR.



Activity/Event	Detail of Activity/Event	Date	Year	Venue	Faculty/Student Coordinator
Vishwavidyalaya Anusandhan Utsav 2023	Department of Science & Technology, Govt. of India invited DST-PURSE holders.	24-Apr	2023	Dr Ambedkar International Centre, Janpath Road, New Delhi	Prof. SL Kothari (Vice-President-ASTIF; Distinguished Faculty-AIB) Dr. Era Upadhyay (Associate Professor-AIB) Dr Manali Datta (Associate Professor-AIB) Dr DD Singh (Associate Professor-AIB) Dr Umesh Dwivedi (Associate Professor-ASAS) Dr Sanket Kaushik (Assistant Professor-AIB) Dr KS Verma (Assistant professor-AIB)
International Conference	Pradeep Kumar and Era Upadhyay. Systematic review on cooking practices in rural parts of India. International Conference on Environment Pollution and Prevention (ICEPP - 2023)	10-Jan	2023	South Asia Institute of research and publication, Mumbai, India	Pradeep Kumar (Research Scholar)
Amity Techno cultural Fest- ODYSSEY	P. Chaitanya. Air pollution related to Diabetes. Paper presentation competition of Amity Techno cultural Fest- ODYSSEY-2023	13-15 Apr	2023	Amity University Rajasthan	Faculty Coordinators: Dr Era upadhyay (Associate Professor) Dr Shweta kulshreshtha (Associate Professor) Dr Vigi Chaudhary (Assistant Professor) Dr Sunil Kumar (Assistant Professor) Student coordinators: Preeti Negi (A20204422008) -Raveena Hirani (A20204422010)
'Pathbreaking Scientific Achievements Deliberation – 2022	Third Interactive Session of 'Pathbreaking Scientific Achievements Deliberation – 2022, organized by Amity Science Technology and Innovation Foundation (ASTIF)	1-Dec	2022	AUUP, Noida Campus	Dr. Era Upadhyay (Associate Professor-AIB)
International conference	International conference on women and careers in stem: Representation, challenges and opportunities (WSTEM-2022) Sponsored by DST -PURSE and organized by Amity University Rajasthan, Jaipur	7-Dec	2022	Sponsored by DST -PURSE and organized by Amity University Rajasthan, Jaipur	Session Chair: Dr. Era Upadhyay (Associate Professor-AIB) Corodinator Dr. Vigi Chaudhary (Assistant Professor-AIB)
International Conference	"Biotechnological Interventions to Overcome the Challenges of Covid/Post-Covid Era (BIOCoPE-2022)"	24-25 March	2022	Amity University Rajasthan	Organizing Secrettries: Dr. Era Upadhyay (Associate Professor) Dr. Vinod Singh Gour (Associate Professor) Dr. Sanket Kaushik (Assistant Professor) Dr. Vijay Srivastava (Assistant Professor)
Expert Talk	Exper talk on 'Air pollution and its impact' in "Community Science Programme of Air Quality"	24-Nov	2022	organized by Amity Centre for Ocean Atmospheric Science and Technology (ACOAST), Amity University Rajasthan, Earthwatch Institute India and Ericsson and India Meteorological Society Jaipur Chapter at Government Senior Secondary School, Bhuranpura.	Resource Person: Dr. Era Upadhyay (Associate Professor)
Expert Talk	Expert talk on 'Air quality and health impacts' in "Community Science Programme of Air Quality"	11-Jan	2022	Amity Centre for Ocean Atmospheric Science and Technology (ACOAST), Amity University Rajasthan, Earthwatch Institute India and Ericsson and India Meteorological Society Jaipur Chapter jointly organized "Community Science Programme of Air Quality with the slogan "CLEAN AIR BEGINS WITH ME" at Vasundara Womens College, Jaipur	Resource Person: Dr. Era Upadhyay (Associate Professor)
International Conference	Gulshan Sharma and Era Upadhyay*. Hydrocarbon liquid fuels produced by pyrolysis of medical waste polymers. Conference- International Conference on Advanced Materials for next Generation Applications (AMANGA 2021)	30-Sep	2022	School of basic Sciences, Galgotia University, Noida	Gulshan Sharma (Research Scholar)
International Conference	Pooja Sharma and Era Upadhyay. Investigating Becopa Monnieri as a drug for neurocognitive disorders persuaded from mobile radiation. International Conference on Global Entrepreneurship Trends & Empowerment through Innovation (ICGETEI-2021)	05-06 Mar	2022	Amity University Rajasthan	Pooja Sharma (Research Scholar)
International Conference	Global Entrepreneurship Trends & Empowerment through Innovation (ICGETEI-2021)' as Track Chair (Environmental Sustainability and Innovation)	05-06 March	2021	Amity University Rajasthan	Track Chair: Dr. Era Upadhyay (Associate Professor) Members: Dr Ravnecet Chug (Assistant Professor) Dr Kumar Sambhav (Assistant Professor)
International Conference	Pooja Sharma and Era Upadhyay*. Examining the toxicity of single dose of leaf aqueous extract of Angelica archangelica. Conference- International Conference on Advanced Materials for next Generation Applications (AMANGA 2021)	29-Sep	2021	School of basic Sciences, Galgotia University, Noida	Pooja Sharma (Research Scholar)

International Conference	Gulshan Sharma and Era Upadhyay. Encouraging Ecological Sustainability in Biomass Harvesting. International Conference on Global Entrepreneurship Trends & Empowerment through Innovation (ICGETEI-2021)	05-06 Mar	2021	Amity University Rajasthan	Gulshan Sharma (Research Scholar)
TV Talk	Repeat telecast - "Single use plastic ban" by Doordarshan Prasar Bharti, Jaipur (DD Rajasthan)	10-11 Aug	2021	Doordarshan (DD1)	Dr Era Upadhyay (Associate Professor)
Expert Talk	"Soil Quality Parameters"	24-26 Nov	2020	Training Program on "Health Risk Assessment Of Population", organized by Health Toxicity Cell (HTC) ,CSIR -NEERI, Nagpur	Resource Person: Dr. Era Upadhyay (Associate Professor)
Expert Talk	'Solar power: today, tomorrow and day after?'in International Symposium online on 'Energy Conservation & Solar Energy',	15-16 October	2020	GD Goenka University, Gurugram in association with BEE, Ministry of Power, Govt of India, HAREDA Govt of Haryana, NIST, MNRE Govt of India, and Indo-German Energy Forum New Delhi	Resource Person: Dr. Era Upadhyay (Associate Professor)
Expert Talk	Impact of drought areas of Rajasthan: A representative case study'. International Conference on Dryland Agriculture (A Virtual Conference)	21-23 July	2020	Great Zimbabwe University (GZU) Masvingo, Zimbabwe, Centre for Science & Technology of the Non-aligned and other Developing Countries (Nam S&T Centre), N. Delhi, Ministry of Higher and Tertiary Education, Innovation, Science and Technology Development, Zimbabwe	Resource Person: Dr. Era Upadhyay (Associate Professor)
Expert Talk	'Air Pollution with special reference to PSEs' on Training Program on 'Environment Management in Railways and Public Sector Enterprises(PSEs)'	6-7 Jan	2020	International Centre for Environment Audit and Sustainable Development, Jaipur	Resource Person: Dr. Era Upadhyay (Associate Professor)
International Symposium	Gulshan Sharma and Era Upadhyay. Alternative energy sources of Solar Energy. International Symposium online on 'Energy Conservation & Solar Energy'	15-16 Oct	2020	BEE, Ministry of Power, Govt of India, HAREDA Govt of Haryana, NIST, MNRE Govt of India, and Indo-German Energy Forum New Delhi	Gulshan Sharma (Research Scholar)
International e-conference	Gulshan Sharma and Era Upadhyay. Effect of COVID-19 stimulated by PM2.5 in highly exposure population International e-conference on 'Effect of Covid-19 Pandemic on Agriculture and Allied Sciences' organized by Society for Science & Nature in association with Rajkiya Engineering College, lucknow	23-24 Aug	2020	Society for Science & Nature in association with Rajkiya Engineering College, lucknow	Gulshan Sharma (Research Scholar)
Expert Talk	"Health effects due to exposure and interaction of air pollutants with meteorological parameters". The 14th India-Japan International Conference on Sustainable Goals	23-Sep	2019	Biyani Group of Colleges, Jaipur	Resource Person: Dr. Era Upadhyay (Associate Professor)
Expert Talk	'Air Pollution and Sustainable Cities' Training Program on 'Audit of Sustainable Cities and Communities'	14-18 Oct	2019	International Centre for Environment Audit and Sustainable Development, Jaipur	Resource Person: Dr. Era Upadhyay (Associate Professor)
National Conference	Manali Datta and Era Upadhyay. Relevance of increasing temperature at the proteome level of agri-crops. National Conference on Biotechnology and Environment for Sustainable Development, B Lal Institute, Jaipur	29-Mar	2019	B Lal Institute, Jaipur	Dr Manali Datta (Associate Professor)
National conference	Era Upadhyay and Manali Datta. Treatment of Textile Effluents through Quantum Dots: The Next Gen Technique. National conference on Emerging trends in Water quantity & quality Management,	30-Mar	2019	Poornima University, Jaipur	Dr Era Upadhyay (Associate Professor)
National conference	Renu Upadhyay and Era Upadhyay. Management of Water Resources in India.	30-Mar	2019	Poornima University, Jaipur	Dr Renu Upadhyay (Associate Professor)
Amity Techno cultural Fest- ODYSSEY	P. Chaitanya. Air pollution related to Diabetes. Paper presentation competition of Amity Techno cultural Fest- ODYSSEY	28 Feb- 2 Mar	2019	Amity University Rajasthan	P. Chaitanya (Research Scholar)
TV Talk	"Single use plastic ban" telecasted on 22nd October 2019 by Doordarshan Prasar Bharti, Jaipur	22-Oct	2019	Doordarshan (DD1)	Dr Era Upadhyay (Associate Professor)
Technical & Scientific Visit	Integrated M.Tech (CT-EST), 6th and 8th semesters) and Research Scholar	12-Apr	2019	Center for Ocean and Atmospheric Science and Technology (COAST), Amity University Rajasthan, Jaipur	Dr Era Upadhyay (Associate Professor-AIB) Dr Manali Datta (Assistant Professor-AIB)
Academic visit	B. Tech (BT&BI) single & dual degree-VI Sem, Integrated M. Tech. (CT-EST), VIII Sem and Research Scholar	12-Apr	2019	Malaviya National Institute of Technology (MNIT), Malviya Nagar, Jaipur	Dr Era Upadhyay (Associate Professor-AIB) Dr Manali Datta (Assistant Professor-AIB)
Industrial visit	B. Tech (BT&BI) single & dual degree-VI Sem, Integrated M. Tech. (CT-EST), VIII Sem and Research Scholar	12-Apr	2019	CEG Test House & Research Centre Pvt Ltd. (CEGTH & RC), Malviya Nagar, Jaipur	Dr Era Upadhyay (Associate Professor-AIB) Dr Manali Datta (Assistant Professor-AIB)

ECOPREZ-18	ECOPREZ was an event organised by Environment Protection Club (Amity University Jaipur) on the occasion of Earth Day (22 April). This event was our approach to provide a unique platform for students to present their innovative ideas in any of the following forms - PowerPoint presentation Digital Posters Handmade Poster Abstract ideas/Sci-fi ideas	22-Apr	2018	Amity University Rajasthan, Jaipur	Faculty Coordinators: 1. Dr. Manishita Das Mukherji (Associate Professor) 2. Dr. Era Upadhyay (Associate Professor) Student Coordinators: 1. Deepanshu Sharma (dipanshu4m@gmail.com) 2. Jainam Jain (jainam.jain@student.amity.edu) 3. Alpa Rajput (alparajput2015@gmail.com) 4. Nitigya Mathur (nitigyamathur@gmail.com) 5. Suryapriya U. (suryapriyau297@gmail.com) 6. Chayan Patra (patra2chayan@gmail.com)
Expert Panel member	workshop on "Orienting Audit for SDGs: Ideas to Work Upon"	1-Jun	2018	International Centre for Environment Audit and Sustainable Development (iCED) on the occasion of iCED's 9th Foundation Day.	Panelist: Dr. Era Upadhyay (Associate Professor)
Expert Talk	"Effect of Atmospheric Temperature Extremes on Protein Cells". BICON-2018 session: "Environmental Sensitivity and Sustainable Development", India-Japan Fest 13	17-Nov	2018	Biyani Group of Colleges, Jaipur	Resource Person: Dr. Era Upadhyay (Associate Professor)
India-Japan Fest 13	Manali Datta and Era Upadhyay. Effect of Atmospheric Temperature Extremes on Protein Cells. BICON-2018 session: 'Environmental Sensitivity and Sustainable Development', India-Japan Fest 13	27-Nov	2018	Biyani Girls College, Jaipur	Dr Manali Datta (Associate Professor)
National Conference	P. Chaitanya, Era Upadhyay, Akhilesh Mishra (2018). Determining the temperature extremes from 1975 to 2005 over Jaipur, Rajasthan. TROPMET – 2018	24-27 Oct	2018	Banaras Hindu University, Varanasi	P. Chaitanya (Research Scholar)
Industrial visits	Industrial visits for UG & PG students	5-May	2018	International Centre for Environment Audit and Sustainable Development (iCED)	Dr Era Upadhyay (Associate Professor-AIB) Dr Shweta Kulshreshtha (Associate Professor- AIB) Dr Manali Datta (Assistant Professor-AIB) Dr Renu Upadhyay (Assistant Professor- ASET)
Industrial visits	Industrial visits for UG & PG students	6-Apr	2017	1.Large Scale Handmade Paper Industry 2.Small Scale Handmade Paper Industry 3.Cardboard industries 4.Textile industries 5.iCED Green Building	Dr Era Upadhyay (Associate Professor) Dr Shweta Kulshreshtha (Associate Professor)
International conference	Impact of Environment on Women's Health	29 Nov-01 Dec	2017	jointly organized by Amity University Uttar Pradesh, Lucknow campus, and National Institute of Environmental Health, NC, USA.	1. Dr. Era Upadhyay, Associate Professor, AIB, AUR 2. Dr. Manishita Das Mukherji, Associate Professor, AIB, AUR 3. Dr. Shweta Kulshreshtha, Associate Professor, AIB, AUR 4. Dr. Amitabh Tripathi, Research Associate, AMITY COAST, AUR 5. Ms. P. Chaitanya, Research Scholar, AIB, AUR
Expert Talk	An Assessment of Air Quality Status of two Northern Indian Cities' in Rajasthan Science Congress (RSC-2017)	13-15 October	2017	Amity University Rajasthan	Resource Person: Dr. Era Upadhyay (Associate Professor)
Expert Talk	'Connection people to nature' on World Environment Day'	5-Jun	2017	Amity University Rajasthan	Resource Person: Dr. Era Upadhyay (Associate Professor)
Expert Talk	'Industrial Air Pollution: issues and solutions' on Training Program on 'Industrial Pollution'	30 Jan - 03 Feb	2017	International Centre for Environment Audit and Sustainable Development, Jaipur	Resource Person: Dr. Era Upadhyay (Associate Professor)
International conference	Chaitanya.P and Era Upadhyay (2017). A critical review on assessment of scientific information on the potential effects of exposure to criteria air pollutants on human health. "International conference on Nano-Technology in Energy, Nano-bio interface & Sustainable Environment (INTENSE-2017)"	19-21 Aug	2017	Amity University Rajasthan, Jaipur	P. Chaitanya (Research Scholar)
International conference	Ayushi Kashyap, Sourabh Singh, Era Upadhyay (2017). Application of nanotechnology in sustainable development. "International conference on Nano-Technology in Energy, Nano-bio interface & Sustainable Environment (INTENSE-2017)"	19-21 Aug	2017	Amity University Rajasthan, Jaipur	Ayushi Kashyap (UG Student)
National Conference	'Impact of Climate Change on Air Quality, Biodiversity & Agriculture'	13-15 Oct	2016	Amity University Rajasthan, Jaipur supported by DST-SERB	Convener: Dr. Era Upadhyay (Assistant Professor)
Expert Talk	Air Quality Status of Lucknow City, a case study' in "National Conference on 'Impact of Climate Change on Air Quality, Biodiversity & Agriculture'"	13-15 October	2016	Amity University Rajasthan, Jaipur	Resource Person: Dr. Era Upadhyay (Assistant Professor)

National Conference	Shaheena, Era Upadhyay and Gufran Beig. 'Air Quality Monitoring System to Measure the Ambient Concentration of Criteria Pollutants at the Roadways' in National Conference on 'Impact of Climate Change on Air Quality, Biodiversity & Agriculture' at Amity University Rajasthan, Jaipur on	13-15 Oct	2016	Amity University Rajasthan	Shaheena (UG Student)
National Conference	Aayush Razdan, Daksha shrivastava, Aayushi Swami, J. V Jithu, Sarath Bramanandan, Priyanka Balar, Avinash Mehta, Manoj Mahraniya, Aayushi Kashyap and Era Upadhyay. 'Effects of Industrial Waste on Environment' in National Conference on 'Impact of Climate Change on Air Quality, Biodiversity & Agriculture'	13-15 Oct	2016	Amity University Rajasthan	Aayush Razdan, Daksha shrivastava, Aayushi Swami, J. V Jithu, Sarath Bramanandan, Priyanka Balar, Avinash Mehta, Manoj Mahraniya, Aayushi Kashyap (UG students)
National Conference	Kishan Gopiyani, Nikhil Patil, Nivedha Mohanan, Akash Pathak, Anirudh Dhoot, and Era Upadhyay. 'Paddy Waste: Concern, Count and Impact' in National Conference on 'Impact of Climate Change on Air Quality, Biodiversity & Agriculture'	13-15 Oct	2016	Amity University Rajasthan	Kishan Gopiyani, Nikhil Patil, Nivedha Mohanan, Akash Pathak, Anirudh Dhoot (UG students)
Indo-US Workshop	US Embassy sponsored Indo-US Workshop on 'Combating Air Pollution in North India' organised by Indian Institute of Technology Delhi and RTI International, USA	17-26 May	2016	Taj Hotel, Jaipur	Dr Era Upadhyay (Assistant professor)