



# स्वर्णा मुईनुद्दीन चिश्ती भाषा विश्वविद्यालय, लखनऊ (उत्तर प्रदेश राज्य विश्वविद्यालय)

## 7<sup>वां</sup> अंतरराष्ट्रीय सम्मेलन

### इंवायरमेन्ट एण्ड सोसायटी

विषय – जलवायु परिवर्तन :

मानव कल्याण हेतु शान्ति और पर्यावरणीय नैतिकता

**I.C.E.S 2025**

दिनांक 6 एवं 7 दिसम्बर 2025



भारतीय प्राणीय सर्वेक्षण, कोलकाता  
पर्यावरण, वन और परिवर्तन मंत्रालय  
भारत सरकार  
<https://zsi.gov.in/>



राष्ट्रीय सांस्कृतिक सम्पदा संरक्षण अनुसंधानशाला  
संस्कृति मंत्रालय  
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उत्तर प्रदेश राज्य जैव विविधता बोर्ड  
पर्यावरण, वन एवं जलवायु परिवर्तन  
विभाग, उत्तर प्रदेश शासन, लखनऊ  
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संयुक्त राज्य अमेरिका  
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हिसार, हरियाणा  
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ग्लोकल इंवायरमेंट एण्ड सोशल एसोसिएशन  
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रुवाजा मुईनुद्दीन वलशती भाषा वलश्ववलद्यालय, लखनऊ

## 7<sup>वां</sup> अंतरराष्ट्रीय सम्मेलन

### इंवायरमेन्ट एण्ड सोसायटी

वलषय – जलवायु परलवर्तन :  
मानव कल्याण हेतु शान्ति और पर्यावरणीय नैतिकता

#### आयोजन समिति



प्रो. अजय तनेजा  
कुलपति



डॉ. महेश कुमार  
कुलसचिव



संजीव गुप्ता  
वित्त अधिकारी



विकास  
परीक्षा नियंत्रक



डॉ. नलिनी मिश्रा  
संयोजक  
7<sup>वां</sup> अंतरराष्ट्रीय सम्मेलन



डॉ. राज कुमार सिंह  
आयोजन सचिव  
7<sup>वां</sup> अंतरराष्ट्रीय सम्मेलन

# INTERNATIONAL CONFERENCE SUMMARY REPORT

## ICES - 2025

7th International Conference on Environmental Sciences (ICES) 2025, which was successfully held at *Khawaja Moinuddin Chishti Language University, Lucknow*, on 6 & 7 December. The conference was organised in collaboration with the Global Environment & Social Association (GESA), Zoological Survey of India (ZSI), National Research Laboratory for Conservation of Cultural Property (NRCL), U.P. State Biodiversity Board, Lucknow; The American University, USA; and ECRD Research & Education Council, Hisar, Haryana. The conference was sponsored by IFFCO and Canara bank.

The conference was initiated in August 2025 and an executive committee was formed under the supervision of Hon'ble V.C **Prof Ajay Taneja**. The Executive Committee, with **Dr. Nalini Misra** as the *Convenor* and **Dr. Rajkumar Singh** as the *Organizing Secretary*, identified subject experts at the global level as well as University level and obtained their consent and approval for extending support to the conference.

The theme of the conference was “*Climate Change: Mitigation & Environmental Ethics for Human Well-being.*” The conference was conducted in hybrid mode.

Climate change is one of the most pressing challenges to the natural environment, biodiversity, human health, economic stability, social equity and sustainability. The warming of the planet is primarily driven by greenhouse gas emissions from industrial activities, deforestation, and unsustainable as well as indiscriminate anthropogenic activities.

The international conference witnessed enthusiastic participation from students representing **28 states** across india and **5 countries**.

Therefore, the aim of 7 International Conference on Environment and Society (ICES 2025) on “Climate Change: Mitigation and Environmental Ethics for Human Well-being” is to aware and motivate all of us and share the knowledge and wisdom for future strategies to serve Mother Earth, better, so that, सर्वेभवन्तुसुखिनः सर्वे सन्तु निरामयाः। सर्वेभद्राणिपश्यन्तु, मा कश्चिद् दुःखभाग्भवेत्॥

### INAUGURAL SESSION

The first day of the conference started with an inaugural session, with lighting of the lamp by chief guest **Mr. Daya Shankar Singh**, Hon'ble Transport Minister, Government of Uttar Pradesh, guests and dignitaries followed by the recital of the *Kulgeet*. Thereupon a welcome address was given by Hon'ble V.C., Khwaja Moinuddin Chishti Language University & Chief Patron of the Conference, **Prof. Ajay Taneja**. He gave a welcome address and the dignitaries were welcomed by

presenting them with saplings, “a symbol of clean and green environment” symbolising our sincere efforts towards a green planet.

Thereafter, **Dr. Somesh Gupta**, Senior Technical Officer, *Uttar Pradesh State Biodiversity Board, Lucknow*, gave an introduction about the theme.

The Special Guest of the Conference, **Dr. A. K. Verma**, Hon’ble Member, *UPPSC, Prayagraj*, addressed the gathering, highlighting the importance of environmental conservation.

Thereupon, **Guest of Honour Dr. Viney P. Taneja**, *North Carolina State University, USA*, delivered the inaugural lecture on *environmental pollution and ozone depletion*.

**Dr. Sadguru Prakash**, Convener of the Conference, discussed the previous ICES conferences and their contribution to environmental conservation and preservation.

**Prof. Sunita Arya**, Secretary, *GESA*, spoke about the contribution of GESA & IJBI.

**Prof. D. R. Singh**, Hon’ble Vice-Chancellor, *Bihar Agriculture University*, our Guest of Honour, addressed the audience at the conference.

**Prof. Madhu Krishna**, Hon’ble Chief Rector from *The American University, USA*, another Guest of Honour, signed a *Memorandum of Association* with *KMC Language University* on this occasion.

The Chief Guest of the event, **Mr. Daya Shankar Singh**, Hon’ble Transport Minister, Government of Uttar Pradesh, talked about the relevance of electric vehicles for a sustainable environment. He shared that electric buses are already deployed and running in **43 districts of U.P.** and will soon cover the entire state.

The Presidential Address was given by **Prof. M. D. Gupta**, Founder President, *GESA*.

A stone-laying ceremony of installation of the **Surya Namaskar statues** was conducted during the conference.

The inaugural session concluded with the presentation of the GESA award to eminent personalities, and convocation ceremony.

### **TECHNICAL SESSIONS**

In total, there were **10 technical sessions**, out of which there were **8 offline sessions** and **2 online sessions**. Out of the 8 offline sessions, one session was completely dedicated to poster presentation and competition.

The event was attended by more than **300 participants**, both in offline and online modes, from **India and abroad**. There were **36 participants** for poster presentation.

### **Keynote lecture:**

The **Keynote Speaker** of the session 1 was **Prof. Viney P. Aneja**, *North Carolina State University, USA*.

Prof. Viney P. Aneja, a distinguished environmental scientist from North Carolina State University, USA, delivered an insightful lecture focusing on the environmental consequences of modern agricultural practices, particularly the excessive use of chemical fertilizers. His lecture emphasized the growing imbalance between agricultural productivity goals and environmental sustainability.

Prof. Aneja highlighted that in the pursuit of higher agricultural yields, fertilizers are often applied far beyond the actual nutritional requirements of crops. While fertilizers are essential for plant growth, their inefficient use has become a serious concern. **According to him, only about 30% of the applied fertilizers are effectively absorbed by plants. The remaining 70% is lost to the environment through processes such as leaching, runoff, volatilization, and soil accumulation.**

In conclusion, Prof. Aneja's lecture underscored the importance of rethinking current fertilizer management strategies. He called for greater awareness among farmers, researchers, and policymakers to promote sustainable agricultural systems that protect natural resources while ensuring food security for future generations..

- **Day 1 had 5 technical sessions**, out of which **4 were offline and 1 online**, including 1 offline session for poster presentation.

**Session One** was chaired by **Prof. B. Sharma**, Dean, Faculty of Science, *University of Allahabad*. Further, the session was co-chaired by **Dr. Rachna Gangwar**, Department of Journalism, *Babasaheb Bhimrao Ambedkar Central University, Lucknow*. The session was attended by **Dr. Rajeev Misra** from *KGMU* as a panelist. The session had **17 participants**, and the **Rapporteur** of the event was **Dr. Ratnesh Singh**.

- The **second and third sessions** were held cumulatively post lunch. They were chaired by **Prof. Vinita Shukla** from *M.D. University, Rohtak, Haryana*, and co-chaired by **Dr. Durgesh Nandini Goswami**, *Prayagraj*. The invited speakers of this session were **Dr. Y. P. Gautam**, Scientific Officer (G), *Atomic Power Station, Narora, U.P.*, and **Dr. Virendra Kumar**, Chief Scientist, *CIMAP, Lucknow*. The rapporteurs of the events were **Dr. Dileep Kumar** and **Dr. Manvendra Singh**, Faculty, *KMC Language University*.
- **Session 4** was the **online session**, which was chaired by **Dr. Mayur Rahul** from *KMCLU*. The invited speakers in this session were **Dr. Binay Kr. Chakravarty** from *Bangladesh Agricultural University, Dhaka*, and **Prof. Abhimanyu Kr. Jha**, Dean, School of Biosciences & Technology, *Galgotias University, Greater Noida*. The session had **19 presenters**. The rapporteur of



this session was **Dr. Shubham Rastogi**, Faculty of Pharmacy, *KMC Language University*.

- **Poster presentation** was organised in **Session 5**. The session was chaired by **Dr. Viney P. Aneja**, *North Carolina State University*. **Dr. Pratibha Gupta** and **Dr. Amit Pal** were the judges of the event. The session had **36 participants**. The Rapporteur of the event was Dr. S. A. H. Rizvi, *KMC Language University*.

## **Day 2 of the International Conference had 5 technical sessions.**

- **Technical Session 6** was chaired by **Dr. Birendra Kumar**, Chief scientist, CIMAP, Lucknow. The session was co-chaired by **Prof. Amit Pal**, *Bundelkhand University, Jhansi (U.P.)*. The invited speakers of the event were **Dr. Sanjay Prasad Gupta**, Scientist (B), *National Research Laboratory for Conservation & Cultural Property, Lucknow*, and **Dr. Madan Lal**, *Rohilkhand University, Bareilly*. The rapporteur of the event was **Dr. Anand Kumar**, *KMC Language University*.
- **Technical Session 7** was chaired by **Dr. Matadeen Bharti**, Scientist, *FCMHD, Dhar, M.P.* and co-chaired by **Dr. Amit Srivastava**. The invited speakers of the event were **Dr. Suchit Swaroop**, **University of Lucknow**. Dr. Swaroop highlighted the risk factors associated with cardiovascular diseases (CVD) and emphasized the importance of maintaining a healthy heart. Other speaker was **Dr. Prabha Gupta**, *Lucknow University*. The rapporteur of the event was **Dr. Saima Aleem**, *KMCLU*.
- **Technical Session 8** was chaired by **Dr. Alfred Lawrence** from *I.T. College, Lucknow*, and co-chaired by **Dr. Anand Ranjan** from *Lucknow University*. The invited speakers of the event were **Dr. Matadeen Bharti** and **Dr. Kanchan**, *KNIPSS, Sultanpur*. The rapporteur of the event was **Dr. Saima Aleem**, *KMCLU*.
- **Technical Session 9** was chaired by **Dr. A. K. Pandey**, Principal Scientist, *ICAR–NBFGR, Lucknow*, and **Prof. Jitendra Pratap Singh**, *UPTTI, Kanpur*. It was co-chaired by **Dr. Neelu Kamboj**, *UPTTI, Kanpur*, and **Prof. Vijai Kumar**, *CSSS P.G. College, Meerut*. The invited speakers of the event were **Prof. A. R. Singh**, Emeritus Scientist, *ICAR–NBFGR, Lucknow*. The rapporteur of the event was **Ms. Archita Tewari**, faculty of pharmacy, *KMCLU*.

- **Technical Session 10** was held in **online mode**. The Chairperson of the event was **Dr. Bushra Akvera**, *KMC Language University*, and it was co-chaired by **Dr. Ranjeet Singh Yadav**, *KMC Language University*. The invited speakers of the event were **Prof. Abhimanyu Kr. Jha**, Dean, School of Biosciences & Technology, *Galgotias University, Greater Noida*, and **Dr. Shashi Bala Singh**, *D.G.P.G. College, Kanpur*. The rapporteur was **Dr. Iffat Azim**, *KMCLU*.

### **Valedictory session.**

The two-day Conference ended with a valedictory session. The valedictory ceremony of the 7th International Conference on Environmental Sciences (ICES 2025) was held at Atal Hall from 1:00 pm to 2:30 pm, marking the formal conclusion of the conference. The session was efficiently anchored by **Dr. Nalini Misra**, **K.M.C.L. University**.

The ceremony commenced with the seating of the Hon'ble guests and dignitaries, followed by the lighting of the ceremonial lamp, symbolizing knowledge, enlightenment, and sustainability.

A welcome address was followed by a comprehensive summary of the 7th ICES, highlighting the scientific deliberations, key themes, and outcomes of the conference. The participants also shared their feedback, appreciating the academic quality and organization of the event.

The valedictory session featured addresses by distinguished experts and scientists, including **Dr. Sandeep Singh** (Chairman, ECRD Research and Education Council, Haryana), **Dr. Sandeep Kushwaha** (Scientist, Zoological Survey of India, Kolkata), **Dr. Sanjay Prasad Gupta** (Scientist, NRLC, Lucknow), and **Dr. Y. P. Gautam** (Scientific Officer 'G', Environmental Survey Laboratory, Narora Atomic Power Station). Their talks emphasized environmental research, biodiversity conservation, microbiology, and sustainable development.

A significant highlight of the ceremony was the address by **Dr. M. D. Gupta**, President of GESA, New Delhi, who also declared the venue of the 8th ICES 2026, generating enthusiasm among the participants.

The Chief Guest, **Dr. A. K. Verma**, Hon'ble Member of the Uttar Pradesh Public Service Commission, Prayagraj, delivered an inspiring address, stressing the role of science and policy in environmental protection.

The presidential address and concluding remarks were given by **Prof. Ajay Taneja**, Hon'ble Vice Chancellor, KMCLU, and Chief Patron of ICES 2025, who formally declared the closure of the 7th ICES.

Awards for best oral and poster presentations were announced by Dr. Sadguru Prakash, Convener, 7th ICES 2025.

Additionally, GESA Annual Awards and ECRD Awards were declared by Prof. Sunita Arya.

The ceremony concluded with a group photograph, and the National Anthem, followed by lunch. The valedictory ceremony successfully encapsulated the achievements of the conference and reinforced commitment toward environmental research and sustainability.



# **Khwaja Moinuddin Chishti Language University**

## CHIEF PATRON :

**Prof. Ajay Taneja, *Hon'ble Vice Chancellor***  
K.M.C. Language University, Lucknow

## CONVENORS :

**Dr. Nalini Misra (Lucknow) Ph: 7905062761**

## ORGANISING SECRETARY :

**Dr. Raj Kumar Singh (Lucknow) Ph.: 9415384642**

## MEMBERS - ORGANIZING COMMITTEE :

**Prof. Shalini Tripathi, Dr. Mamta Shukla, Dr. Manvendra Singh  
D. Neeraj Shukla, Dr. Ruchita Sujai Chaudhary, Dr. Mohd. Shariq**

**Dr. Bushra Alvera, Dr. Arif Abbas, Dr. Shweta Agarwal  
Dr. Lakshman Singh, Dr. Zafrun Naqi, Dr. S. Kazim Asghar Rizvi  
Dr. Udham Singh, Dr. Manish Kumar, Dr. Sachindra Shekhar**

**Dr. Moosi Raza, Dr. RamDas, Dr. Shweta Agarwal  
Dr. Piyush Kumar Trivedi, Dr. Suman Kumar Mishra  
Dr. Hemant Kumar Singh, Dr. Ramjeet Singh Yadav  
Dr. Abhay Krishna, Dr. Mayur Rahul, Dr. S.A.H. Rizvi,  
Dr. Shan-E-Fatima, Er. Md. Imran, Dr. Shweta Trivedi  
Dr. Ashish Shahi, Dr. Zainab Iftikhar Khan, Ms. Tanya Sagar**

**Mrs. Ankita Agarwal, Mrs. Preeti Naval Dr. Diksha Mishra**

**Dr. Vibha Singh, Dr. Ayoosh Mishra, Dr. Pooja Singh,  
Dr. Mohd. Irfan, Dr. Zia Jafri, Dr. B.B. Nath, Dr. Shalini Singh  
Dr. R.R. Awasthi, Dr. PriyaDevi, Dr. Vipin Kumar Singh  
Dr. Prashant Singh, Dr. Minhaz Hussain, Dr. Anupma Yadav  
Dr. Anubhav Tiwari, Dr. Rachna Gihar, Dr. Kalpana Devi  
Dr. Chetna Sharma, Dr. R.K. Pal, Dr. Asif Jafari  
Dr. Vandita, Dr. Vinod, Dr. Ratnesh Singh, Dr. Dileep Kumar  
Ms. Astha Chaurasia, Mr. Unni Kisan, Mr. Satendra Kumar Shukla  
Mr. Abhishek Awasthi, Mr. Salman Ansari, Ms. Rashi Srivastava  
Mr. Birendra Patel, Mr. Dharendra Singh, Ms. Shivanshi Tripathi**

## Glimpses of the conference















# आईसीईएस-2025 की अंतरराष्ट्रीय संगोष्ठी का ख्वाजा मुईनुद्दीन चिश्ती भाषा विश्वविद्यालय में शुभारंभ

वीईपी  
लखनऊ।

ख्वाजा मुईनुद्दीन चिश्ती भाषा विश्वविद्यालय में शनिवार को 'एनवायरनमेंट एंड सोसाइटी' (कडए-2025) की 7वीं अंतरराष्ट्रीय संगोष्ठी का शुभारंभ हुआ। कार्यक्रम का उद्घाटन करते हुए प्रदेश के परिवहन मंत्री दयाशंकर सिंह ने कहा कि 'जलवायु परिवर्तन की वजह से बड़े शहरों में चुनौतियाँ तेजी से बढ़ रही हैं। हमें अभी से ठोस कदम उठाने होंगे।'

उन्होंने कहा कि औद्योगिक क्रांति के दौरान पिछले 200 वर्षों में पर्यावरण को व्यापक क्षति पहुँची। उन्होंने बताया कि डीजल बसें पर्यावरण प्रदूषण की बड़ी वजह हैं, जिसके चलते विभाग द्वारा इलेक्ट्रिक

बसों की संख्या तेजी से बढ़ाई गई है।

मंत्री के अनुसार अब तक 15 शहरों में ई-बसें संचालित होती थीं, जो बढ़कर 43 शहरों तक पहुँच गई



हैं। जल्द ही प्रदेश के सभी जिलों में इलेक्ट्रिक बसें चलाई जाएँगी।

संगोष्ठी में कुलपति प्रो. अजय तनेजा ने कहा कि पर्यावरण संरक्षण के लिए वैश्विक स्तर पर आम सहमति आवश्यक है। उन्होंने विभिन्न देशों से आए विशेषज्ञों का स्वागत

किया।

लोक सेवा आयोग के सदस्य ए.के. वर्मा ने कहा कि पर्यावरण संरक्षण हेतु वैश्विक सोच, राष्ट्रीय



नीति, स्थानीय कार्य और व्यक्तिगत जागरूकता—सभी आवश्यक हैं।

ग्लोबल एनवायरनमेंट एंड एसोसिएशन के अध्यक्ष एम.डी. गुप्ता ने पर्यावरण को मानव अस्तित्व से जुड़ा महत्वपूर्ण मुद्दा बताते हुए कहा कि इस दिशा में गंभीर प्रयास जरूरी

हैं।

कार्यक्रम में संस्था के संस्थापक रामकुमार वर्मा की स्मृति में 'लाइफ टाइम अचीवमेंट अवार्ड' की शुरुआत की गई, जो इस वर्ष डॉ. क्षेत्रपाल गंगवार को प्रदान किया गया। समारोह के दौरान परिवहन मंत्री दयाशंकर सिंह को अमेरिकन यूनिवर्सिटी की ओर से मानद उपाधि भी दी गई।

सम्मेलन का आयोजन विश्वविद्यालय, जूलॉजिकल सोसाइटी ऑफ इंडिया, राष्ट्रीय अनुसंधान प्रयोगशाला (सांस्कृतिक संपदा संरक्षण), राज्य जैव विविधता बोर्ड, अमेरिकन यूनिवर्सिटी (अमेरिका), ईसीआरडी अनुसंधान परिषद, हिसार और जैसा संस्था द्वारा संयुक्त रूप से किया गया।

## ‘लखनऊ में इलेक्ट्रिक बसों के संचालन से सुधरा पर्यावरण’

■ NBT रिपोर्ट, लखनऊ : परिवहन मंत्री दयाशंकर सिंह ने कहा कि जलवायु परिवर्तन के कारण शहरों में अनेक चुनौतियाँ बढ़ गई हैं। ऐसे में पर्यावरण सुधार की दिशा में प्रभावी कदम उठाना बहुत जरूरी है। डीजल बसों से पर्यावरण को सबसे अधिक नुकसान होता है, इसी को देखते हुए यूपी के सभी जिलों में इलेक्ट्रिक बसें चलाने का निर्णय लिया गया है। पहले प्रदेश के 15 शहरों में ई-बसों का संचालन हो रहा था, जिसे बढ़ाकर 43 शहरों तक कर दिया गया है। जल्द ही सभी जिलों में इनका विस्तार किया जाएगा। लखनऊ में ई-बसों के संचालन से पर्यावरण में व्यापक सुधार हुआ है।

ख्वाजा मुईनुद्दीन चिश्ती भाषा विश्वविद्यालय में शनिवार को आयोजित अंतरराष्ट्रीय संगोष्ठी इन्वायरनमेंट एंड सोसाइटी की ओर से विशेषज्ञों ने अपनी बात रखी। संगोष्ठी



ख्वाजा मुईनुद्दीन चिश्ती भाषा विवि में पर्यावरण पर संगोष्ठी का आयोजन

में अमेरिका की नॉर्थ कैरोलाइना स्टेट यूनिवर्सिटी से आए प्रो. वीपी अनेजा ने कहा कि कृषि में अधिक उत्पादन के लिए उर्वरकों का अत्यधिक उपयोग किया जा रहा है। उर्वरक का केवल 30%

हिस्सा ही पौधों को मिलता है, शेष 70% बर्बाद होकर पर्यावरण को नुकसान पहुंचाता है। कुलपति प्रो. अजय तनेजा ने कहा कि पर्यावरण संरक्षण के लिए वैश्विक स्तर पर सहमति और सामूहिक प्रयास जरूरी हैं। कार्यक्रम में डॉ. क्षेत्रपाल गंगवार को लाइफ टाइम अचीवमेंट अवॉर्ड दिया गया।



## 3.

the



ही प्रदेश के सभी जिलों में इलेक्ट्रिक बसों में संचालित होंगी, जिससे वायु गुणवत्ता में सुधार होगा, इस मौके पर युनिवर्सिटी के वॉसी प्रो. अजय तनेजा ने कहा कि पर्यावरण के मुद्दे पर वैश्विक स्तर पर आम सहमति बनाना बेहद जरूरी है, क्योंकि जलवायु चुनौतियाँ सीमाओं में बंधी नहीं हैं।

कार्यक्रम के दौरान संस्था के संस्थापक रामकुमार वर्मा की स्मृति में लाइफ टाइम अचीवमेंट अवार्ड की शुरुआत की गई, जो इस साल डॉ. क्षेत्रपाल गंगवार को प्रदान किया गया है। इसके साथ ही परिवहन मंत्री दयालपुर सिंह को अमेरिकन युनिवर्सिटी की ओर से मानद उपाधि दी गई। कार्यक्रम में लोक सेवा आयोग के सदस्य एके वर्मा ने कहा कि पर्यावरण संरक्षण के लिए वैश्विक सोच, राष्ट्रीय नीति, स्वानियत कार्य और व्यक्तिगत जागरूकता चारों स्तरों पर एक साथ काम करना होगा।

[illegible]