

AMITY INSTITUTE OF BIOTECHNOLOGY

Amity Institute of Biotechnology (AIB) was established with a focus to nurture talent and be a leading centre for research in cutting-edge areas of Biotechnology and Bioinformatics. The objective is to develop the next generation of biotechnology professionals who can redefine the industry through their inventive bent and expertise. With a vibrant academic environment and a quintessential approach to learning that involves thought-provoking discussions and constant interaction among students and faculty, the Amity Institute of Biotechnology provides an ideal setting for all-round development of students to achieve the goal of becoming well-trained in all aspects of Biotechnology and related fields. To further this objective, AIB has state of the art labs in Microbiology, Biochemistry, Tissue Culture, Molecular Biology, Recombinant DNA Technology & Bioinformatics and also has facility of Green House (1500 sq.ft.), Micro Irrigation Facility and 2 hec. Research Farm for field based research work. The excellent placement record of the Institute stands testimony to its high standards of excellence.

PROGRAMMES OFFERED:

- B.Sc. (Hons) - Biotechnology • B.Tech - Bioinformatics / Biotechnology
- B.Tech + M.Tech - Biotechnology/Bioinformatics & Biotechnology /Cognitive and Neuro Science (Dual Degree)



LEGACY OF INDIA'S NO.1 RANKED BIOTECHNOLOGY INSTITUTE.

As ranked by Biospectrum, India's leading Biotechnology magazine.



AMITY UNIVERSITY JAIPUR

At Amity University Jaipur, there is no barrier to learning. Amity University Jaipur is built on a foundation which embodies all the qualities that have made Amity institutions world-class in the last two decades. The University has instituted global standards in education, training and research with world-class infrastructure and the latest teaching methodologies. With the mission to train future leaders of the corporate world, Amity strives to blend modernity with tradition in each of its students.



AWARDS WON BY AMITY UNIVERSITY JAIPUR

RANKED AMONGST
**THE TOP 3 PVT.
MULTI-DISCIPLINARY
UNIVERSITIES
IN NORTH INDIA**
by **THEWEEK** Issue Dated:
May 31, 2015



**BEST PRIVATE
UNIVERSITY
AT**
digital
WORLD
EDUCATION
SUMMIT 2014



**BEST
UNIVERSITY
CAMPUS**
BY ASSOCHAM 2014



Amity University Jaipur
SP-1, Kant Kalwar, RIICO Industrial Area, NH-11C, Jaipur
Amity Helpline: +01426-405678 (Extn.-3011)
E-mail: eupadhay@jpr.amity.edu
Website: www.amity.edu/jaipur



PRESENTS

**NATIONAL CONFERENCE ON
IMPACT OF CLIMATE
CHANGE ON
AIR QUALITY,**
October 13-15, 2016



Organised by



**AMITY INSTITUTE
OF BIOTECHNOLOGY**

PRESENTS

NATIONAL CONFERENCE ON IMPACTS OF CLIMATE CHANGE ON AIR QUALITY,



OVERVIEW

Air quality and climate are complexly connected. Due to expansion of industrial and urban community, numerous natural and anthropogenic sources emit carbon dioxide, other greenhouse gases and particulate matters. These air pollutants interact with radiation and lead to change the climate by agitating the ecosystem energy balance. Climate change may cause to degrade air quality by altering air pollution, meteorology, precipitation and other removal processes and vice-versa. Various interactions including radiative and microphysical can change the meteorology leading to altered precipitation and regional circulation patterns. These altered patterns in meteorology components contribute to extreme episodes and their long-term and short-term exposures may affect health. IPCC (2014) reported that the world has warmed by approximately 0.85°C in the last 130 years. Extreme high air temperatures also raise the levels of ozone and other air pollutants that contribute directly to deaths from cardiovascular and respiratory disease. According to an assessment of World Health Organisation in 2014, climate change is expected to cause extensive deaths per year due to heat exposure, diarrhoea and vector-borne diseases. Changes in climate are likely to prolong the transmission seasons of important vector-borne diseases like Malaria and Dengue transmitted by Anopheles mosquitoes and Aedes mosquito, respectively may alter their geographic range also.

COP 21: UN climate change conference was held in Paris (30 November to 11 December 2015) aimed at reducing global greenhouse gas emissions and thus avoiding the

threat of dangerous climate change. However, a lot of research has been done on air pollution issues but it is still a serious concern world-wide. To understand more about air quality- climate change complexity and explore the mitigation of impacts at the regional and global scale, Amity Institute of Biotechnology is organising a National conference at Amity University Jaipur. The event will include three days of invited lectures and presentations of some key scientists and stakeholders from India.

Selected early career scientists may present their research in the form of posters on the following themes:

1. Climate Change and Air Quality
2. Role of Climate Extremes in Changing the Climate
3. Air Quality, Climate Change and Human Health
4. Air Quality System and Model Application
5. Impact of Changing Air Quality on Biodiversity
6. Climate Change and Community Ecology
7. Air Quality and Agriculture

MOTIVATION FOR PARTICIPANTS

This conference will assemble the national experts with a common vision for understanding more about air quality- climate change complexity and explore the mitigation of impacts at the regional and global scale. Consequently, the conference will be able to generate knowledge and promote awareness about current air quality state in India. It will aim to identify gaps in several

aspects in this field like suitable resources, data requirements and measurement techniques and try to find out solutions through potential collaborations between different institutions belonging to the academia, government agencies and industries.

CALL FOR PAPERS

Research papers are invited for poster presentations from researchers on mentioned themes. The best poster presentation, as adjudged by the jury, will be given an appropriate award.

IMPORTANT DATES

Last Date for Receipt of Extended Abstract:

May 20, 2016

Last Date for Registration: **May 31, 2016**

Last Date for Submission of Full Manuscript:

June 15, 2016

SUBMIT MANUSCRIPT TO:

Dr. Era Upadhyay

Organising Secretary

Amity Institute of Biotechnology

Amity University Jaipur | eupadhay@jpr.amity.edu

DISSEMINATION OF CONFERENCE

MATERIALS

The proceedings of the conference are proposed to be brought out in a special issue of an International Journal listed by Scopus.

LOCAL ORGANIZING COMMITTEE

CHIEF PATRON

Dr. Ashok K. Chauhan

Founder President, Amity Group

PATRONS

Dr. Aseem Chauhan

Chancellor, Amity University Jaipur

Prof. S. K. Dube

Vice Chancellor, Amity University Jaipur

CHAIRPERSON

Prof. S. L. Kothari

Pro Vice Chancellor & Director AIB

Amity University Jaipur

CO-ORDINATOR

Dr. Shruti Mathur

Associate Professor- AIB, Amity University Jaipur

ORGANISING SECRETARY

Dr. Era Upadhyay

Assistant Professor, AIB, Amity University Jaipur

ORGANIZING COMMITTEE MEMBERS

- Prof. (Dr.) A. N. Pathak, AIB, AUR
- Dr. Bharat Singh, AIB, AUR
- Dr. Neelam Jain, AIB, AUR
- Dr. Vinod Singh Gour, AIB, AUR
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- Dr. Kumar Sambhav, AIB, AUR
- Dr. Hemant Kumar Daima, AIB, AUR
- Dr. Amit Khandelwal, AIB, AUR

REGISTRATION DETAILS

Last date for registration: May 31, 2016

The registration fees will include the conference kit along with lunch and tea served during the conference.

Delegates (Academia /Industry/NGO/Others)	:	₹2000/-
Students / Research Scholars	:	₹600/-
On spot Registration for Delegates (Academia/Industry/NGO/ Others)	:	₹2500/-
On spot Registration for Students / Research Scholars	:	₹800/-
Accommodation Fee (per day)	:	₹300/- (Hostel) and ₹500/- (Guest House)

The fee including registration and accommodation if required, will be payable by Electronic transfer/ Cash/ crossed Demand Draft/ Cheque in favor of 'Registrar, Amity University, Rajasthan' payable at Jaipur. Duly filled registration form along with the fee receipt is required to submit to-

Dr. Era Upadhyay

Organizing Secretary

Amity Institute of Biotechnology,

Amity University, Rajasthan

eupadhay@jpr.amity.edu

ADVISORY COMMITTEE.

- Dr. Swati Basu, Director (National Centre for Medium Range Weather Forecasting) & Scientific Secretary (Earth System Science Organization)"Ministry of Earth Sciences, Govt. of India"
- Prof. S.C. Bhatla, Professor, University of Delhi, Delhi.
- Prof. P. Bhatnagar, Dean of Sciences, The IIS University, Jaipur
- Dr. Virgil Fievet, Professor, University of Bordeaux, France
- Prof. R. K. Gupta, Dean (Academics), Amity University Rajasthan, Jaipur
- Prof. A. K. Jain, Professor, Jiwaji University, Gwalior
- Prof. T. I. Khan, Indira Gandhi Centre for Environment, University of Rajasthan, Jaipur
- Prof. R. K. Kohli, Vice-Chancellor, Central University of Punjab, Bathinda, Punjab
- Dr. Valli Manickam, Chairperson, Environment Area, ASCI, Hyderabad
- Prof. Manju Mohan, Professor, Indian Institute of Technology, Delhi
- Prof. A. K. Pandey, Professor, University of Delhi, Delhi
- Dr. T. S. Panwar, Director, Climate change and energy programme, World Wide Fund for Nature, India, Delhi

- Prof P. V. S. Raju, Professor, Amity University Rajasthan, Jaipur
- Prof. S. T. Rao, Adjuct Professor & Former Director (Atmospheric Modeling and Analysis Division, Environmental Protection Agency, USA
- Prof. K. C. Sharma, Head, Department of Environmental Science and Dean, School of Earth Sciences, Central University of Rajasthan, Ajmer, Rajasthan
- Prof. P. D. Sharma, Rtd. Professor, Department of Botany, University of Delhi, Delhi

OUTCOME COMMITTEE

Dr. Shruti Mathur

Associate Professor
AIB, Amity University Jaipur

Dr. Vinod Singh Gour

Assistant Professor
AIB, Amity University Jaipur

Dr. Era Upadhyay

Assistant Professor
AIB, Amity University Jaipur



AMITY UNIVERSITY

JAIPUR

PRESENTS

NATIONAL CONFERENCE ON

IMPACT OF CLIMATE CHANGE ON AIR QUALITY, BIODIVERSITY AND AGRICULTURE

October 13-15, 2016

Organizer: Amity Institute of Biotechnology

Venue: Amity University Rajasthan, Jaipur

REGISTRATION FORM

Name: _____

Designation: _____

Organisation: _____

Address: _____

Email: _____ Phone: _____

(M) _____ Fax: _____

Delegate Type: Government / Academics / Research Lab / Students / Industry

Poster Presentation: Yes / No

Area of interest: _____ Title of Presentation: _____

Accommodation required: Yes/ No Hostel / Guest house / Hotels

The fee including registration and accommodation if required can be paid by any of the following mode:

1. Cash
2. Bank draft will be payable by crossed Demand Draft/ Cheque in favour of 'Registrar, Amity University, Rajasthan' payable at Jaipur along with the registration form

Draft No.: _____ Dated: _____ Rs _____

Drawn on: (Bank) _____ Branch _____

Place: _____ Signature: _____

Name & address of the institute & Address: Amity University Rajasthan
14, Amity House, Gopal Bari,
Ajmer Road, Jaipur - 302001

Bank Name & Address: Axis Bank Ltd.
O-15, Green House, Ashok Marg,
C-Scheme, Jaipur-302001(Raj)
Jaipur Main / UTIB0000010
Branch Name / IFSC Code: 010
Branch Code: AXISINBB010
Swift Code: 010010100496797
Account No.: 302211002
MICR No.:

Date _____

Signature _____

Note: Duly filled registration form along with the fee receipt is required to submit to:

Dr. Era Upadhyay
Organizing Secretary
Amity Institute of Biotechnology
Amity University, Rajasthan
eupadhyajpr.amity.edu