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 lead modernity with tradition in each of its students.

**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 eradicate the industry through their innovative ideas and expertise. With a vibrant academic environment and a student-centred 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 Biotechnology, Biochemistry, Tissue Culture, Molecular Biology, Recombinant DNA Technology & Bioinformatics and also has faculty of Green House (1500 sq. ft.), Micro Irrigation Facility and 2 Hectare 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

**Legacy of India's No.1 Ranked Biotechnology Institute.**

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

**Impact of Climate Change on Air Quality.**

Organised by:

- National Conference on Impact of Climate Change on Air Quality
- University Campus
- Best Private University by ASSOCHAM 2014

**Awards Won by Amity University Jaipur**

- Best Private University by ASSOCHAM 2014
- Best University Campus by ASSOCHAM 2014
- Best Private University in North India by ASSOCHAM 2014
- Top 3 Pvt. Multi-disciplinary Universities by NIRF 2016

Amity University Jaipur

29-1, Kirti Khand, RCOS Industrial Area, NH-11C, Jaipur

Amity Helpline: +0142-405678 (Ext - 3011)

E-mail: ra.pgf@jpr.amity.edu

Website: www.amity.edu/jaipur
OVERVIEW

Air quality and climate are intricately 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 the change in climate by altering the radiation-energy balance. Climate change may cause decrease in air quality by altering air pollutants, meteorological parameters and other removal processes and vice-versa. Various interactions including radiation and microphysical change can modify the meteorology leading to altered precipitation and regional circulation patterns. These altered patterns in meteorological components contribute to extreme episodes and their long-term and short-term extremes may affect health.

Climate change may cause to degrade air quality by agitating the ecosystem energy balance. Other greenhouse gases and particulate matters. These air quality and climate are complexly connected. Due to climate change is expected to cause extensive deaths per transmission seasons of important vector-borne diseases. Changes in climate are likely to alter the geographic range also.

As per IPCC (2014) reported that the world has warmed by approximately 0.85°C in the last 130 years. Extreme high long-term and short-term exposures may affect health.

Air quality- climate change complexity and explore the 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 implications of impacts at the regional and global scales, Amity Institute of Biotechnology is organizing a National conference on Amity University Jaipur. The event will include three days of invited lectures and presentations of some key scientists and stakeholders from India.

Selected senior 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 Standards and 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 implications of impacts at the regional and global scales. Consequently, the conference will be able to generate knowledge and promote awareness about current air quality scale 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 academic, government agencies and industries.

Funding and support

Amity Institute of Biotechnology is offering financial support for the registration and accommodation for outstation participants. The last date for registration, submission of abstract and other documents is May 31, 2016.

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 (Academics/Industry/NGO/Others) On-spot Registration for Delegates (Academics/Industry/NGO/Others)

<table>
<thead>
<tr>
<th>Category</th>
<th>Registration Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students / Research Scholars</td>
<td>₹ 2500/-</td>
</tr>
<tr>
<td>On-spot Registration for Delegates (Academics/Industry/NGO/Others)</td>
<td>₹ 2500/-</td>
</tr>
<tr>
<td>On-spot Registration for Students / Research Scholars</td>
<td>₹ 2500/-</td>
</tr>
</tbody>
</table>

Accommodation fee (per day) : ₹ 800/- (Hotel) and ₹ 2000/- (Guest House)

The fees 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. Direct dail registration form along with the fee receipt is required to submit to-

Dr. Era Upadhyay
Organizing Secretary
Amity Institute of Biotechnology
Amity University- Rajasthan

∗ Amity Institute of Biotechnology is organizing a National conference on Amity University Jaipur. The event will include three days of invited lectures and presentations of some key scientists and stakeholders from India.
REGISTRATION FORM

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

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: AxisINBB010
Branch Code: 010
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
eupadhyay@jpr.amity.edu