



# AMITY UNIVERSITY

---

MADHYA PRADESH

---

## 9<sup>th</sup> INTERNATIONAL CONGRESS OF ENVIRONMENTAL RESEARCH (ICER-18)

08-10 February, 2018

*Organised by*

**AMITY INSTITUTE OF BIOTECHNOLOGY  
AMITY UNIVERSITY MADHYA PRADESH, GWALIOR**

### **OUTCOME REPORT** **(05 Pages only)**

#### **General**

1. Environmental challenges and energy sustainability are among the most defining issues of 21<sup>st</sup> century with enhanced energy demands, climate changes and global food security etc. Therefore, these issues have become a common concern for people around the globe. Realizing the importance of sustainable investment and preservation of natural resources, development of alternate green energy resources and their planning and management have become a key component towards sustainable development.

ICER-18 was a multidisciplinary, peer-reviewed international congress which addressed the range of critically important issues associated with environment, green energy production, energy policies, planning and management, environmental engineering, environmental management, climate change and sustainable development. The congress provided a forum to discuss most challenging issues in current scenario of environmental researches and discussed mitigation strategies, technological advancements, exchange of ideas among the scientific community, academicians in order to achieve sustainability. The congress motivated young students to unfold their knowledge and share research findings and new ideas with subject experts. Several distinguished eminent speakers from various reputed academic and research institutions from India and abroad were invited. They actively participated in the congress to extend their valuable knowledge and share their ideas with scientific community to work collectively in the direction to achieve global sustainability.

## **Objective(s) of the 9<sup>th</sup> International Congress (ICER-18).**

2. ICER-18 was a multidisciplinary, peer-reviewed international congress which focused on eco green energy production and efficient management, environmental engineering, environmental policies and management, climate change and sustainable development in broad spectrum.

The 9<sup>th</sup> International Congress on Environmental Research (ICER-18) was organized with following objectives:

- (a) To provide a common forum for scientific community to exchange technological advances and information globally.
- (b) To facilitate researchers and academicians to showcase their high quality research findings with scientific community.
- (c) Exchange of innovative ideas among scientific community and young researchers in order to deal with contemporary issues and challenges in sustainable development.
- (d) To discuss the future global development on energy access, energy security along with associated environmental impacts
- (e) To familiarizes the young students, researchers and society with contemporary issues, challenges and mitigation strategies on eco green energy production, environmental management, climate change and sustainable development in broad spectrum.
- (f) To identify the important thrust areas of strategic value of modern research and mutual exchange of ideas to develop cutting edge technology.
- (g) To provide a common platform for national and international collaboration opportunities of interest among Scientists, Research scholars and Academicians.

## **Pre-Congress outcomes**

### **3. Tangible Outcomes**

- (a) The congress received wide publicity among the scientists, academicians and research students working in the area of life sciences through various publicity platforms. i.e., official websites, social media, print media and direct communication means etc.
- (b) The international congress received approx 325 abstracts of which 200 were selected for oral as well as poster presentations covering all the potential areas on environment research including eco green energy production and efficient management, environmental engineering, environmental policies and management, climate change and sustainable development etc.
- (c) In total 13 speakers were invited to delivered their talks including one keynote speech.
- (d) The congress observed overwhelming response from participants who came from various prestigious universities and research institutions from India and abroad.

#### **4. Intangible Outcomes**

- (a) ICER-18 brochure was widely circulated and advertized using the social media, messenger apps and personal interaction among the various Universities/Institutes/Colleges to give wide publicity of the congress to display information abstract Academicians/Scientists/Researcher scholars etc.
- (b) Association with Global Earth Society for Environmental Energy and Development(G.SEED) also helped the Amity University Madhya Pradesh to get brand building among the wide numbers of society members.
- (c) Advertisement and distribution of international conference brochure to various Universities/Institutes/Colleges will help in brand building of AIB, AUMP as Academic-cum-Research Oriented Institution/University to attract the students to pursue their higher studies in AIB, AUMP, Gwalior (MP).

#### **During Congress Outcomes**

##### **5. Tangible Outcomes**

- (a) International Congress (ICER-18) abstract book consisted of oral presentations as well as poster presentations. Book also included abstracts of invited and keynote speaker, which was published along with CD. The abstract book has contributed significantly to collection of literature on the subject and the same can be used for future reference.
- (b) A discussion was held between Director AIB and **Professor (Dr). Jaana Sorvary**, Department of civil and environmental engineering, School of engineering, Alto University FINLAND. Professor Jaana has shown willingness on mutual exchange of students and development of collaborative projects especially on waste management.
- (c) During conference **Prof. Dr. Yahaya Bin Abhrim**, Majlis Datuk Persekutuan Malaysia, Council of Federal Datuks Malaysia had discussion with Director AIB and shown interest in exchange of students and organizing conferences.
- (d) **Dr. Ranga Rao Krishna Moorthy**, Centre of studies structure and material Engineering, Faculty of Civil Engineering, University Teknologi MARA (UiTM) Selangor, Malaysia had discussion with Director AIB and shown interest to get mutual collaboration on environmental engineering based projects.
- (e) **Prof. Dr. Krishan Bharuth-Ram**, University of KwaZulu-Natal - Department of Physics, Durban SA also shown to collaborate and mutual exchange of information in the area of nanotechnology and physical sciences.
- (f) **Dr. Alka Viyas**, Professor, Vikram University, Ujjain had discussion with Director AIB and shown interest in working with us and also explored the possibility of students summer training.

- (g) **Dr. Manoj Kumar**, Assistant professor Department of Zoology, Moolji Jaitha Collage, Jalgaon MH was highly impressed with AIB, AUMP and had shown willingness to work with AIB on cytotoxicity in future.
- (h) In total, thirteen distinguished scientists/academicians of national and international reputes delivered their invited talks. During the seminar various sessions were enriched with informative lectures. All the delegates/participants/research scholars and students were benefited by their deliberations.

## **6. Intangible Outcomes**

- (a) The international congress (ICER-18) played a key role in offering a forum to share knowledge, technological advances and innovative ideas by young researchers participated from various Universities/ Institutes from India and abroad during technical sessions conducted throughout the duration of international congress.
- (b) The presentations delivered by invited speakers, delegates/participants during the technical sessions not only motivated the researchers/participants to involve in research activities but also to buildup innovative ideas for Startup/Entrepreneurship.
- (c) The technical sessions further enhanced the level of awareness on contemporary issues and challenges in environment, green energy and sustainable development and discussion on mitigation strategies among the participants and students.
- (d) The feedback given by the Indian and foreign delegates, participants was very good. They expressed their satisfaction regarding the theme and topics covered and also the excellent hospitality rendered by AUMP.

## **Post Conference Outcomes**

### **7. Tangible Outcomes**

- (a) The international congress was organized in collaboration with Global Earth Society for Environmental Energy and Development (G.SEED), Bhopal. The major expenditure was borne by G.SEED, whereas AUMP provided infrastructure and hospitality for smooth conduction of international congress. The total amount received in the A/C of AUMP was Rs.15000/- from G.SEED and Rs.53550/- as accommodation charges from participants. Therefore, an amount of Rs.68550 was collected. While we spent Rs.22000/- (Apporx) only on linen, dresses for cultural event, stationery etc i.e. a net gain of Rs.46500/-(approx).
- (b) The Abstract Book of International Congress (ICER-18) and CD were distributed to all the invited guests and participants. This provided wide publicity of Amity University Madhya Pradesh among scientists, researchers and academicians from national and international institutes.

- (c) The event was covered by most of the leading newspapers of MP including Nav Bahrat, Partika, Pradsesh Today, Bharat Mat, Nai Dunia, and Education Dunia etc. The wide news coverage of the international congress helps in brand building of AIB, AUMP, which will definitely help in gaining mass attention of students and their parents leading to more admissions in forthcoming session of AUMP.
- (d) Certificates of participation in poster session as well as for technical sessions were distributed to all the participants. This will also enhance our brand visibility in other Institutes.
- (e) Certificates of merit for four best oral presentations and four best poster presentations were awarded to encourage the participants to deliver their best in such scientific gatherings.

## **8. Intangible Outcomes**

- (a) The delegates from outside the India were highly impressed by the manner the international congress was organized and carry good impression of AUMP. This will enhance global image of AUMP.
- (b) Delegates from different international universities/institutions were impressed with research work of AIB and lab infrastructure. They showed their willingness to do some collaborative research work in future.
- (c) Research scholars from different institutions of India keenly visited AIB labs and requested for help in their research work. These researchers carried a very good image of AIB, AUMP which will enhance professional visibility of AUMP at national level.

**Convener-ICER 18**

**Director, Outcome**

**Pro – Vice Chancellor**

**Hon'ble Vice Chancellor**

**ICER-18 9<sup>th</sup> International Congress of Environmental Research**  
**08-10 February, 2018**  
**List of Invited Speakers**

S.No	Name of the Speaker	Designation with Organization	Topic of the Talk
1	Prof. Dr. Sorvari, Jaana Helena	Assoc. Prof, Aalto University, Finland	Sustainability assessment and indicators in environmental engineering
2	Prof. Dr. Bipin J. Agrawal	Professor, Baroda	Ayurveda - Hygienic textiles from herbal products for healthier society
3	Prof. Dr. Krishanlal Bharuth-Ram	Professor, South Africa	PEC cell Green energy
4	Prof. Dr. Yahaya Ibrahim	Professor, KualaTeranganu (Malaysia)	Green Tourism: A Sustainable Environmental Management Practice In Borneo
5	Dr. S. K. Bhatnagar	Gwalior (India)	Carcinogenic air pollution-causes, consequences and control
6	Prof. Kliment Naydenov	Assoc. Prof., Sofia (Bulgaria)	Tourism development in the context of circular economy (Circular tourism for sustainable economy and environment protect)
7	Prof. Dr Singam Jayanthu	Professor, NIT Rourkela (India)	Design of support system and methods of mining
8	Prof. Dr Pushpa Agrawal,	Bangalore (India)	Environmental remediation and Nano biotechnology
9	Prof. Dr. Vijayanand S. Moholkar	Guwahati (India)	Physical Mechanism of Ultrasound-Assisted Synthesis of Biodiesel with Homogeneous and Heterogeneous Catalyst
10	Prof. Dr. Ali Asghar Jafarzadeh	Bangladesh	Urmia Lake restoration need environmental chain management
11	Dr. Renga Rao Krishnamoorthy	Selangor (Malaysia)	Repair of Deteriorating Pavement Using Recycle Concrete Materials.'
12	Prof. Dr. Alka Vyas	Professor, Ujjain university. Ujjain (India)	Application of Neurospora mutants for understanding fungal growth
13	Prof. Dr. M. K. Gupta	JU, Gwalior (India)	Environmental impacts and bioremediations

**News Coverage Clippings of international congress (ICER-18)**

**News Links of Media Coverage from 07.02.2018 Onwards  
International Conference ICER-2018 AIB-AUMP Gwalior. MP**

**Links:**

1. AIB-ICER-2018 AUMP Gwalior. MP

{07.02.2018} [https://portal.amity.edu/backoffice/Uploads/media/1516\\_Patrika-7.2.2018-AIB-International-Conference-ICER-18-Amity.jpg](https://portal.amity.edu/backoffice/Uploads/media/1516_Patrika-7.2.2018-AIB-International-Conference-ICER-18-Amity.jpg)

2. AIB-ICER-2018 AUMP Gwalior

{07.02.2018} [https://portal.amity.edu/backoffice/Uploads/media/1517\\_NavBharat-2.7.2018-AIB-InternationalConference-Amity.jpg](https://portal.amity.edu/backoffice/Uploads/media/1517_NavBharat-2.7.2018-AIB-InternationalConference-Amity.jpg)

3. AIB-ICER-2018 AUMP Gwalior

{07.02.2018} [https://portal.amity.edu/backoffice/Uploads/media/1518\\_PradeshToday-7.2.2018-AIB-InternationalConferenceICER-2018-Amity.jpg](https://portal.amity.edu/backoffice/Uploads/media/1518_PradeshToday-7.2.2018-AIB-InternationalConferenceICER-2018-Amity.jpg)

4. AIB-ICER-2018 AUMP Gwalior

{07.02.2018} [https://portal.amity.edu/backoffice/Uploads/media/1519\\_BharatMat-7.2.2018-AIB-ICER-2018-Amity.jpg](https://portal.amity.edu/backoffice/Uploads/media/1519_BharatMat-7.2.2018-AIB-ICER-2018-Amity.jpg)

## International Congress ICER-18 At a Glance

[08/02/2018:Day\_1]



Lightening of the lamps by dignitaries



Opening Remarks by Hon'ble Vice Chancellor Lt. Gen. VK Sharma, AVSM (Retd.)



Release of Abstract book by the Dignitaries on the Dais

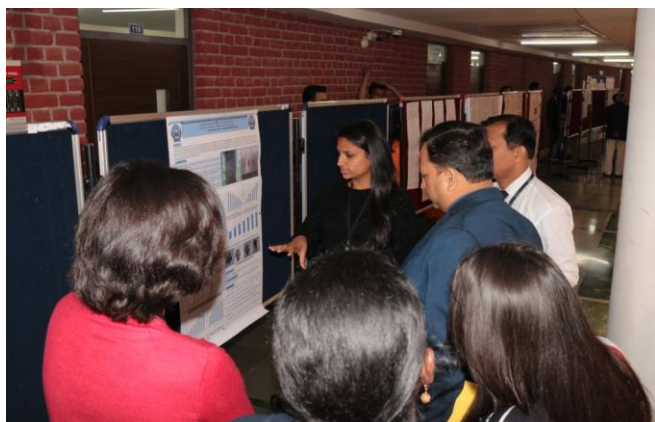


Key Note Address by Assoc. Prof. Dr. Sorvari Jaana Helena, Aalto University, Finland



Dignitaries on the Dias (Lt to Rt): Prof. Mohamed Kamel HadjKali (Saudi Arabia), Prof. Ali Asghar Jafarzadeh (Iran), Prof. Daniela Zlatunova, Prof. Kliment Naydenov (Bulgaria), Prof. (Dr.) MP Kaushik, Prof. Sorvari Jaana Helena (Finland), Prof. Yahaya Ibrahim (Malaysia), Prof. SK Rao, Lt. Gen. VK Sharma, Prof. SC Pandey, Prof. (Dr.) RS Tomar, Md. Abul Kalam Azad (Bangladesh), Prof. Nasser Aliasgharzad Salmani (Iran), Prof. Krishnalal Bharuth-Ram (South Africa).





Evaluation of posters by esteemed Judges



Invited Talk by Prof. Krishnalal Bharuth-Ram, South Africa



Evaluation of posters by dignitaries



Invited Speaker Prof. Nasser Aliasgharzad Salmani, Iran delivering his talk

[10/02/2018:Day-3]



Poster evaluation by esteemed judges



Prof. (Dr.) RS Tomar felicitating Pro-VC Prof. (Dr.) M.P.Kaushik during valedictory session



Dignitaries giving Best Presentation Awards



Certificate distribution to participants by Prof. (Dr.) R. S. Tomar (Convener, ICER-18), Chairman of Technical Session.



**Group photograph of students participated in cultural event with dignitaries during valedictory session.**