



**The 31st Session of The Academy of Environmental Biology
Lucknow**

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**National Symposium on
'Sustainable Development: Environment and Socio - Economic Challenges'**

Organized by

Bundelkhand University, Jhansi, (U. P)



14th – 16th October, 2011

**Theme Discussion:
"Population, Pollution and Poverty"**

It is well established that sustainable development is a pattern of resource use that aims to meet human needs while preserving the environment so as to meet out present requirement but also for the future. Therefore, sustainable development is maintaining a delicate balance between the human need to improve lifestyles and feeling of well being and preserving natural resources and ecosystem. Sustainable development can be conceptually divided into three constituent parts (i) environmental sustainability (ii) economic sustainability (iii) socio-political sustainability. Therefore, sustainable development is a process of changes in which the exploitation of resources, the direction of investments, the orientation of technological development and institutional change are made constituent with the future as well as the present needs. Sustainable development respects the limited capacity of an ecosystem to absorb the impact of human activities. Some people also believe that the concept of sustainable development should include preserving the environment for other species as well as for people having caught the attention of both central and state government and also public and private sectors. Sustainable development in India now encompasses a variety of development schemes in social, cleantech (clean energy, clean water green building and sustainable agriculture) and human resources segments. Gandhiji once quoted that the nature can cater the needs of the human beings not the greeds.

About Jhansi University:

Bundelkhand University established in August 26, 1975. Bundelkhand University campus is located in the heart of the city and is about 6 km from the Jhansi railway station. The sprawling 186-acre campus of the Bundelkhand University is nested on the either side of Jhansi-Kanpur highway in the lap of Kaimason Hillocks. The emerging center of excellence can be distinctly noticed with its Majestic gates and expressively planned academic blocks intercepted with lush green parks and aesthetically laid rockeries and fountains. Jhansi is well connected with rest of the country and linked with Northern India with Southern Indian cities like Chennai, Hyderabad, Bangalore, Pune, Mumbai, Trivandrum, Ahmedabad with direct train and well connected with New Delhi by most of the super fast train like Rajdhani, Shatabdi etc. The university was ranked first in Uttar Pradesh for its unique infrastructure, manifold growth and development during the last decade. Presently, there are nearly twenty seven institutes in the university campus of higher learning, research and professional training and approximately eight thousand students are continuing their study in various courses from all corner of the country. Institute of Environment and Development Studies established in the year 2002 and presently running regular courses in M. Sc. (Environmental Sciences), M. Phil. (Environmental Sciences) and Ph. D. (Environmental Sciences) and working in the area of Environmental monitoring and sustainable approach for remediation. The department received grants from UGC during tenth as well as eleventh plan. Other important departments are:

- Institute of Agricultural Sciences, Institute of Earth Sciences, Institute of Food Sciences, Institute of Management Studies, Institute of Law, Institute of Economics and Finance, Institute of Library sciences, Institute of Social Sciences, Institute of Hotel and Tourism, J. C. Bose Institute of Basic

Sciences is running courses like Physics, Chemistry, Biotechnology, Microbiology, Biochemistry, Biomedical Sciences etc.

Jhansi is known for the great revolutionary and pioneer of freedom movement of india- Rani Laxmi Bai. The places of interest to visit are Jhansi Fort, Rani Mahal, Orchha temple, Pitambara peeth, Jain temples of Sonagiri and world famous UNESCO site Khajuraho (180 km from Jhansi).

About the Academy of Environmental Biology

The Academy, established in 1978, it's memorandum and the Constitution registered under Societies Registration Act 21, 1986 is an autonomous organization open to every one who has a scientific, technological, practical interest and inclination in the field of Science and Technology, environmental pollution, occupational health and toxicology. It is basically a forum where scientist and young researchers actively interact and participate once in a year in an effort to review and update their research, to explore research priorities, to prevent further deterioration of environment and to provide inputs to the Governmental agencies and stakeholders for the safe guard of the ecosystem and the health of mankind.

The symposium will focus on:

- Environmental Pollution, Monitoring and Surveillance
- Treatment technologies and quality assurance
- Environmental Impact Assessment
- Hazardous and e-waste management / risk assessment
- Rain water harvesting and ground water contamination
- Occupational Safety and Health
- Cytotoxicity, Genotoxicity and Carcinogenesis
- Chemicals / Nanomaterials and its fate in the environment
- Environmental Security and Biosafety

Patrons

Prof. S V S Rana, Vice-Chancellor, Bundelkhand University, Jhansi

Dr. S. K. Brahmachari, Director General, CSIR and Secretary DSIR, New Delhi

Dr. T. Ramasami, Secretary, DST, New Delhi

Dr. Ayyappan, Director General, ICAR and Secretary, DARE, New Delhi

Dr. M. K.Bhan, Secretary, DBT, New Delhi

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Mumbai – 400061 (Maharashtra).

Dr. J.K.Jena, Director, NBFGR, Lucknow.

Prof. V.K.Sharma, I I P A, Delhi

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Local Organizing Committee

Chairman: Prof. S V S Rana, Vice Chancellor, Bundelkhand University, Jhansi

Prof. Pankaj Atri, Bundelkhand University, Jhansi

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Dr. Abhimanyu Singh -do-

Dr. Sandeep Arya -do-

Dr Anju Agrawal AEB (HQ)

Dr G.S.D Gupta -do-

Information for the Participants:

Abstract: Abstracts of the paper in any of the above themes are to be presented in the symposium (not exceeding 200 words) typed in MS word, Times New Roman, font 12 and space 1.5 through hard copy and e-mail as an attachment should reach Dr.Krishna Gopal, Joint Organizing Secretary, Aquatic Toxicology, IITR, Lucknow-226001 latest by 30th June, 2011 along with registration form. The abstracts will be accepted on the basis that the main author or the co-author will personally attend conference and present the paper. Name of the author presenting the paper should be underlined, the full length paper of invited lectures/accepted papers should be submitted at the time of conference or even earlier. Acceptance of the abstract

for oral/poster presentation will be communicated to the authors by 15th July, 2011. No paper will be accepted for presentation without the registration fee.

BRPM Competition

- To ensure young scientists, the AEB has established the best research paper presentation award for young scientists for this purpose.
- BRPM competition will be held for the best research papers presentation for the young scientists below 30 years of age.
- First author of the paper will be the paper presenter of the BRPM competition
- Speakers should present the original work done by him/her/the team.
- Judgment will be based on subject matter and its significance, podium gesture, visual presentation (clarity and the flow of slide material), crispness, discussion etc.
- Time allowed is 7 min. for presentation and 3 min. for discussion.
- Presentation judged as the best will be awarded “**Motilal Gold Medal**” and “**Certificate**” at the 32nd Annual Session of AEB.

Poster presentation /Best Paper Award

As an incentive for attracting papers for poster presentation, best posters will be selected for the award.

Registration

Registration can be done by sending the dully filled registration form containing name, address, designation mode of presentation (oral/poster) and Demand Draft which will be made in the favor of “AEB Annual Session” and send to Dr. Krishna Gopal, Deputy Director and Head, Aquatic Toxicology, I I T R, Lucknow-226001.

The registration fees will cover the local hospitality and conference material.

Delegate(s)	Upto 30 th June,2011	After 30 th June, 2011
AEB Life Member	25 00	3000
Nonmembers	3000	3500
Students	2000	2500

Accommodation

		A C		Non A C		Contact Number
		Double	Single	Double	Single	
1	Hotel Samrat	Rs.1400/=	Rs.1200/=	Rs.600/=	Rs.500/=	0510-2444643/2451016
2	Hotel Tulsi	Rs.1300/=	Rs.1100/=	Rs.850/=	Rs.700/=	0510-6451533/6981189
3	Hotel Sita	Rs.1150/=	Rs.1050/=	Rs.700/=	Rs.600/=	0510-2442956/2444690
4	Jhansi Hotel	Rs.1200/=	Rs. 900/=	Rs.1000/=	Rs.700/=	0510-2470360/2470470

Efforts will be made to accommodate outstation delegates in the guesthouses. However hotel accommodation can be arranged if required on payment of actual charges at least before 60 days in advance.

For more information write to:

Convenor: Dr. A.K.Giri, Institute of Environment and Developmental Studies
Bundelkhand University, Jhansi

Organizing Secretary: Dr Amit Pal, Institute of Environment and Developmental Studies, Bundelkhand University, Jhansi.

Joint Organizing Secretary: Dr Krishna Gopal, Aquatic Toxicology, Indian Institute of Toxicological Research, Post Box 80, M.G. Marg, Lucknow -226001, Uttar Pradesh, India
Email: aeb1@rediffmail.com; anjuagrawal2@gmail.com. Tel. 091-522-2613786/2627586 Ext. 259, 260 Fax: 091-522-2628227.

Registration Form

Name: Dr/Mr/Mrs.....

Age.....Sex:.....Designation.....

Institution.....

Address for correspondence.....

.....

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Telephone No. Mobile No.....Fax.....

Email.....

Accompanying delegates.....

Dr./Mr/Mrs.....

Abstract enclosed (1) copy: Yes/No

Accommodation: Dormitory/Hotel : Yes /No

Registration fee.....Enclose a Bank D.D towards the registration fee self/accompanying delegates/students for the total sum of Rs.....

Name of Bank.....Issuing date.....

D.D.No..... in the name of “the Academy of Environmental Biology Symposium” payable

Date.....Place..... Signature