



**NATIONAL SEMINAR  
ON  
ENVIROMENTAL ETHICS & ITS  
CONSERVATION**



**ORGANIZED BY:**



**Botany & Biotech Department & Internal  
Quality Assurance Cell**

*Chandra Shekhar Azad, Govt. P. G. Nodal College, Sehore*

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**Editors**

**DR. ANIL RAJPUT**

**DR. ILA JAIN**

**DR. DINISHA MALVIYA**

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## संदेश

मनुष्य और पर्यावरण का सदियों से अटूट रिश्ता रहा है। सभ्यता के विकास में प्रकृति की भूमिका महत्वपूर्ण है। यदि हम प्राकृतिक सम्पदा का उपयोग संतुलित रूप से करें तो पर्यावरण प्रदूषण की समस्या नहीं होगी। प्रकृति से प्राप्त अनमोल उपहार जैसे जल, वायु, मृदा, वन, प्रकाश, भूमि, खनिज आदि प्राकृतिक संसाधन मानव जीवन के लिये अत्यंत आवश्यक है।

पर्यावरण मनुष्य के सामाजिक, शारीरिक, सांस्कृतिक एवं आर्थिक विकास का महत्वपूर्ण घटक है, किंतु पाश्चात्य तथा उपभोगतावादी संस्कृति के बढ़ते प्रभाव मानव के विकास की चाह, नये-नये अविष्कारों से मानव जाति की सुख सुविधाओं में वृद्धि ही पर्यावरणीय असंतुलन के लिये उत्तरदायी है। जनसंख्या में होती निरंतर वृद्धि तथा प्राकृतिक सम्पदा का निर्ममता से दोहन के परिणाम स्वरूप जल प्रदूषण, वायु प्रदूषण, ध्वनि प्रदूषण एवं अस्वास्थ्यकर स्थितियां निर्मित हो गयी है जो मानव जीवन के लिये अहितकर है। मनुष्य की प्राकृतिक पर्यावरण को संवारता भी है नष्ट भी करता है और स्वयं उससे प्रभावित भी होता है। हमारी भारतीय संस्कृति में पर्यावरण संतुलन हेतु अनेक धार्मिक पर्व, रीतिरिवाज, जैसे सोमवारी अमावस्या, वट सावित्री, छठ पूजा, हरियाली तीज, तुलसी पूजा, इत्यादि प्रकृति के प्रति आदरभाव एवं प्राकृतिक संरक्षण को स्पष्ट करती है।

ग्लोबल बार्मिंग आज विश्व की सबसे बड़ी समस्या बन गयी है। मौसम चक्रम में परिवर्तन हो गया है, जलस्तर नीची हो गयी है, समुद्र प्रदूषित हो गये है, औजोन परत का क्षरण हो रहा है जिसके कारण प्राकृतिक सम्पदा नष्ट होती जा रही है।

पर्यावरण प्रदूषण वर्तमान समय में ज्वलन्त समस्या है जिसका निदान मानव जीवन के अस्तित्व को बनाये रखने के लिये अति आवश्यक है। राष्ट्रीय सेमीनार का यह विषय पर्यावरणीय प्रदूषण दूर करने एवं स्वस्थ वातावरण के निर्माण में सार्थक कदम है वर्तमान सेमीनार में प्रस्तुत शोधमय, ज्ञानवर्धक उपयोगी एवं जन-जागृति करने वाले होंगे।

## *Preface*

Conference World and AR Research Publication is fast growing group of academicians in Engineering, Sciences and Management. AR Research Publication is also known for fast reply and zero error work. Conference world has organized a various conferences at renowned places namely Delhi University; New Delhi, Jawaharlal Nehru University; New Delhi, PHD Chamber of Commerce and Industry New Delhi, YMCA New Delhi, India International Centre New Delhi Sri Venkateswara college of Engineering and Technology, Andhra Pradesh, Dhananjay Mahadik Group of Institutions (BIMAT), Shivaji University, Maharashtra, Vedant Engineering Kota and many more places across the country.

We are very pleased to introduce the proceedings of the *National Seminar On Environmental Ethics & Its Conservation*. As for previous conferences, the theme was the link between the information provided by conference world and the use made of this information in assessing structural integrity. These were the issues addressed by the papers presented at the conference. The level of interest in the subject matter of the conference was maintained from previous events and over 115 suitable papers were submitted for presentation at the conference.

Papers were well represented in the conference to arouse a high level of international interest. Three countries were represented in the final program from Europe, North America and Asia. In the event, the conference was highly successful. The presented papers maintained the high promise suggested by the written abstracts and the program was chaired in a professional and efficient way by the session chairmen who were selected for their international standing in the subject. The number of delegates was also highly gratifying, showing the high level of international interest in the subject. This is also indicated by the large number of countries, 05 represented by the delegates. This Proceeding provides the permanent record of what was presented. They indicate the state of development at the time of writing of all aspects of this important topic and will be invaluable to all workers in the field for that reason. Finally, it is appropriate that we record our thanks to our fellow members of the Technical Organizing Committee for encouraging participation from those areas. We are also indebted to those who served as chairmen, without their support, the conference could not have been the success that it was. We also acknowledge the authors themselves, without whose expert input there would have been no conference. Their efforts made a great contribution to its success.

## **About Conference**

*National Seminar on Environmental Ethics & Its Conservation* is a global event organized by Chandra Shekhar Azad, Govt. P. G. Nodal College, Sehore & Conference World. This conference provides an international forum for researchers, developers, engineers and practitioners who are involved in real time projects that provide solutions to exchange their valuable ideas and showcase the ongoing works which may lead to path breaking foundation of the futuristic engineering. It accentuates indispensability of interdisciplinary and cross – linked thinking with respect of innovation and market opportunities. All the accepted paper will be published in International Journal with ISSN & Conference proceeding having ISBN without any additional fee.

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Total 223 papers were received for the conference and 115 papers were shortlisted by the committee.

**All the accepted and presented papers of the duly registered authors will be published in the UGC Approved International Journals**

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