

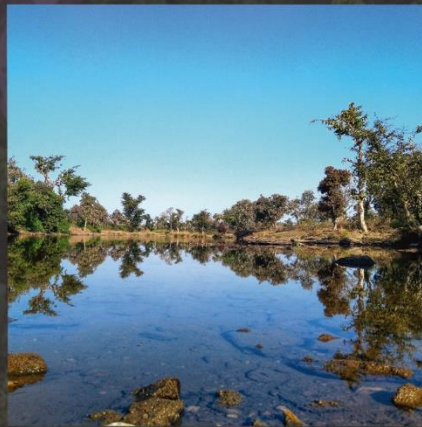


National Symposium-cum-Workshop

Biodiversity and its Utilisation and Conservation in Central India

(In Blended Mode)

21-22 FEBRUARY 2022



Organized by
Guru Ghasidas Vishwavidyalaya
(A Central University), Bilaspur, Chhattisgarh, India

Background

India having 16 Agro-climatic zones remained as one of the 12 mega-diversity centres in the world. Chhattisgarh State, lying in the Vindhyan hill regions and Deccan plateau in central India, has over 44% of its land area under forests with diverse natural resources. The Sal forest (*Shorea robusta*) and Teak forest (*Tectona grandis*) are 2 major forest types found in Chhattisgarh. The state is divided into 3 agro climatic zones viz. The Chhattisgarh Plains, The Northern Hills of Chhattisgarh and Bastar Plateau. The State is rich in mineral resource and natural forests due to extended river drainage system. The climate of the area is Tropical hot and Humid type. In summer season temperature is in the range of 30-47 °C and in winter between 5-25 °C and average rainfall varies from about 1100 mm to 1700 mm. The areas having black-sandy soil is rich in water holding capacity. Above environmental condition supports the diversity of different plant species. The forests of the state fall under two major forest types, i.e., Tropical Moist Deciduous Forest and the Tropical Dry Deciduous Forest. Forest is a home of wild animals such as tiger, leopard, gaur, sambar, chital, nilgai, wild boar, wild buffalo etc. The conservation of wildlife and their habitats are being done through various national parks sanctuaries and biosphere reserves. Chhattisgarh is also inhabited by some primitive tribals such as Baiga, Birhor, Gond etc. These forests are serving livelihood of indigenous tribal and non-tribal communities. Apart from the species diversity, the state is also endowed with rich genetic diversity. The variation in the genetic composition of individuals within or among floristic and faunal species is large.

Destruction of the natural habitat, over-exploitation, non-scientific collection, developmental activities etc. are responsible for loss of biological diversity. As biological species are rapidly disappearing, it is critical to assess biological diversity so that conservation efforts can be made. Knowledge and accurate information about the habitat, flora, and fauna are required not only to ensure their use, but also to ensure their conservation. Today, focusing on biodiversity assessment, use, and conservation is critical for scientific awareness and the survival of life on Earth. As the people all around the world is working to safeguard this irreplaceable natural wealth and reduce the biodiversity loss, the current “National Symposium-cum-Workshop on Biodiversity and its Utilisation and Conservation in central India”, will open a scientific dimension of communication and exchange of experiences between researchers in the field of science of nature and life especially those involved in the areas of biodiversity.

Vision

This National symposium-cum-workshop will be an opportunity for participants to exchange their experiences in this field of research for a dynamic of productive collaboration on the one hand. On the other hand, the participation of eminent international researchers in this scientific meeting will be an opportunity to exchange and update the state of knowledge and research approach and can, thus, open multiple opportunities for collaboration with Central Indian researchers. The broad objective of this event is to bring all interested in research in central India on a single platform to share their experiences.

Location

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.V.) is a Central University in Chhattisgarh comprising of 11 schools and 32 departments of study. This University has played a pivotal role in providing access to higher education to youth cutting across the social spectrum, especially economically and socially disadvantaged classes including majority of the tribal population of this region. The University has state of the art facilities for carrying out quality research in different fields of Science cum Engineering and Social Sciences.

Topics to be covered

1. Floral and Faunal Diversity and its Conservation
2. Agri Diversity: Its Utilization and Conservation
3. Forest Genetic Diversity
4. Microbial Diversity
5. Enumerating and conserving ecosystem, species and genetic diversity
6. Implications of biodiversity loss
7. Reducing pressures on biodiversity and promoting sustainable use
8. Enhancing the benefits from biodiversity and ecosystem services
9. Impact of climate change on Biodiversity
10. Indigenous Traditional knowledge, its Diversity and Tribal Livelihood.

Who can participate in the Symposium cum Workshop?

Those who are currently involved in biodiversity studies, including the academics and civil society groups (Faculty Members, Teachers, Scientists, Research Scholars, Professionals, Policy Makers and Administrators, Farmers and Tribes from India and Abroad).

Submission of Abstracts

Extended abstracts having introduction of the topic, area of study, methods followed, key results and conclusion along with keywords (3 to 5) limited to 300 words and typed using MS Word-Time New Roman with Font size 12 shall to be submitted to the Convener.

Abstract submission last date: 10th February 2022.

Send your abstracts to: convenerBDIC@gmail.com

Conference Secretariat contact details

Dr. S.C Tiwari

Dr. Brijendra Pratap Singh

Dr. Ajay Kumar Singh

Dr. Atul Kumar Bhardwaj

Contact: 9424163260, 9425225790

Symposium proceedings

Selected papers, subject to Springer's review and approval process, will be published in a volume edited by our editorial team. Full paper in prescribed format is to be submitted just after Fifteen days of Symposium cum Workshop. (<https://www.springernature.com/gp/authors>)

Registration fee

Faculty and Scientists: Rs. 500/-

Research Scholars and Students: Rs. 250/-

International Participants: US\$ 100

Chief Patron

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Registration will be done by fee deposition through online mode. The details of Bank account are as –
FOR WORKSHOP & SEMINAR REGISTRATION FEE

Account Number	37137162271
Branch Name:	State Bank of India, Lodhipara, Koni
Bank Address:	KONI BILASPUR (C.G.)
City:	BILASPUR, CHHATTISGARH
IFSC Code:	SBIN0018879
Customer Name:	REG GURU GHASIDAS UNI BILASPUR
Customer Address:	KONI BILASPUR (C.G.)
MICR Code	495002034

Programme

Day-1, February 21, 2022, Monday

Inauguration

Technical Sessions

Day-2, February 22, 2022, Tuesday

Workshop, Panel Discussion and Valedictory

REGISTRATION FORM

Name:

Designation:

Institution:

Address:

Mobile: E-mail:

Type of Registration: Participant/Paper Presentation

Title of the presentation:

Theme area:

Link to Online registration form: <https://forms.gle/Di35rQrgSLR2Cb668>

Participants are requested to upload the transaction receipt along with the registration form.