

National Conference on Emerging Horizons in Biological Sciences (EHBS-2025)



7 & 8, FEBRUARY, 2025



Sponsored by

**Pradhan Mantri Uchchatar
Shiksha Abhiyan (PM-USHA)**

Organized by

**Department of
Biotechnology & Microbiology**

**Govt. V.Y.T. PG. Autonomous
College, Durg
Chhattisgarh, India**

About the College

Government V.Y.T. PG. Autonomous College, Durg, Chhattisgarh is a leading Institution of Central India. The college is credited with A+ (NAAC), Star College (DBT), CPE-Phase-III (UGC), Centre of Excellence in Science (Govt. of Chhattisgarh), and Catering 7000 students of UG, PG and Ph.D. programme of Science, Art & Commerce faculties. The focus area of college is research, teaching & learning and adaption of components of NEP-2020 with intention to be a specialized center of "Indian Knowledge System".

About the Department

Biotechnology

The Department of Biotechnology is running with programme for UG, PG & PhD in close collaboration of National & International Institutions and has credit to run Research Projects of UGC, DST, DBT, ICMR, MPB, SERB, CGCOST, 3 Billion-South Korea etc. The main scientific fields of the department for research activities are exploration of genetic disease, identification & characterization of phytocompounds from medicinal plants to establish lead compounds against various pathogenicity, and toxicology.

Microbiology

The Department of Microbiology is a department where multidisciplinary teaching and research have established permanent roots. The department has sufficient infrastructural facilities in terms of laboratories and classrooms for PG and UG students. The department also runs value added courses and short-term certificate course for skill development and hands on practice of the students. Guest lectures, workshops, seminars, poster presentation, industry visit, quiz programme etc. are some regular features of the department to sprinkle scientific temper and technical skills among students. The Department has also signed MoU with various institutions for student exchange, faculty exchange and to undertake project work.

About the Conference

Over the past few decades, the world has experienced significant advancements in science and technology. One prominent area of growth is Life Sciences, an inclusive term encompassing a wide range of disciplines including Molecular Biology and Genetics, Cell Biology, Biochemistry, Microbiology, Botany, Zoology, Ecology, Evolutionary Biology, Physiology, Neuroscience, Immunology, Marine Biology, Biotechnology, and Bioinformatics. These fields of scientific inquiry have crucial applications in various domains such as human health, environmental sustainability, and agricultural development.

Advances in Cell Biology have driven key breakthroughs in regenerative medicine and have enhanced our understanding of diseases at the cellular level. The field of Microbiology, particularly through the exploration of the human microbiome, has profoundly altered our comprehension of health and disease dynamics. Recent developments in Biotechnology, including CRISPR-Cas9 gene editing and synthetic biology, have expanded the potential for disease treatment, agricultural improvements, and solutions to environmental challenges.

The primary objectives of this two-day national Conference on "Emerging Horizons in Biological Sciences" are to provide a critical platform for academicians, researchers, professionals, and experts to present their knowledge, share innovations, and discuss emerging challenges in Life Sciences. Special emphasis will be placed on areas such as human health, environmental sustainability, and agricultural advancements. The conference will foster collaboration, knowledge dissemination, and the exchange of ideas among stakeholders, including scientists, policymakers, and healthcare professionals, to prepare for future developments and responsibilities in the field.

Themes

- Animal Sciences
- Bioinformatics and Computational Biology
- Ecology and Evolutionary Biology
- Indigenous Knowledge and Scientific Validation
- Microbial Technology
- Nanosciences
- Plant and Agricultural Biotechnology

Scientific Panel

- Prof. K.K. Sahu, SoS, Biotechnology, PRSU, Raipur
- Prof. S. K. Goswami (Retd.), SLS Jawahar Lal Nehru University, New Delhi.
- Prof. Satish Verulkar, IGKV, Raipur
- Dr. Anupam Mittal, PGIMER, Chandigarh,
- Dr. Arti Shanware, Head, Rajiv Gandhi Biological Technology, LIT University, Nagpur,
- Dr. Arun K Upadhyay, IIT, Bhilai,
- Dr. Budhhi Prakash Jain , MGPU, Bihar,
- Dr. Durgeshwar Singh, MGPU, Bihar,
- Dr. Mrigya Babuta, UoH, Talangana,
- Dr. Samlesh Kumari, CIAE, Bhopal
- Dr. Swarnjeet Singh, Chandigarh.

Principal & Patron

Prof. A.K. Singh

Convener

Dr. Pragma Kulkarni

Organizing Secretary

Dr. Shweta Pandey

Advisory Committee

- Prof. S.S. Sandhu, Director, DBS, Rani Durgawati University, Jabalpur
- Prof. Vibha Sandeep, IIIT, New Delhi
- Prof. S.K. Jadhav, PRSU, Raipur
- Dr. Jahangir Alam, IICB, Kolkata
- Prof. Anil Kumar Shrivastava, Addi. Director, Hr. Edu., Regional office, Jagdalpur.
- Dr. Ranjana Srivastava, G.VYT PG, Col. Durg
- Dr. Usha Sahu, G.VYT PG, Col. Durg
- Dr. Nachiket Kotwaliwale, Director CIPHET, Ludhiana

Working committee

- Dr. Rekha Gupta
- Dr. Neetu Das
- Dr. Nikhil Mishra
- Mr. Somendra Kumar
- Mr. Dinesh Kumar
- Ms. Mrinalini Soni
- Ms. Kunu Kanda Yashodha
- Ms. Nishi Jain

Important dates

Registration (last date) - January 25, 2025

Abstract (last date) - January 25, 2025

Registration fee-

Category	Early Bird (Before 15 January)	After 15 January
Students	500	700
Research Scholar/ PDF	800	1000
Faculty / Corporate Member	1200	1500

Contacts

8817756216 | 7697406650

biotechvyt@gmail.com



Account Details-

Account Name Principal Govt VYT Autonomous College Durg
Account No. 72900100001599
IFSC No. BARB0DBMDUR (5th Char. is Zero)
Bank Name Bank of Baroda

Abstract

The organizing committee invite Abstract (250 words) with affiliation and email-id from participants in soft copy. Abstract should be in MS-Word – Times new roman with font size - title 12, text in 10 and atleast 4-6 keywords. The abstract be submitted on biotechvyt@gmail.com, after confirmation of registration.

Accommodation

The organizing committee will arrange accommodation on payment basis and on prerequisite. Expected teriff for single (Rs. 1500-3000) and double bed (Rs. 2000-4000) for 24 hours.

Location

Durg-Bhilai is a twin city situated on N.H. 6 and Howrah to Mumbai Rail. Major Railway Station is Durg, 35 km from Raipur, and 265 km from Nagpur. Nearest Airport is Raipur, 55 km from Durg by road.

Click here / Scan for Registration

