



Five Days

## Online National Workshop on

# Practical Approaches of Bioinformatics:

## Basics to Advanced

# PABA-2023

16<sup>th</sup> to 20<sup>th</sup> March 2023

Last date of registration: 13/03/2023

### Topics:

- ✓ Basics of Bioinformatics
- ✓ Biological Databases
- ✓ Primer Designing
- ✓ Microarray
- ✓ Phylogenetic Analysis
- ✓ Protein Structure and Modelling
- ✓ Gene Prediction Methods
- ✓ Drug Designing
- ✓ Next Generation Sequencing



### Chief Patron

**Prof. Alok Kumar Chakrawal**  
Hon'ble Vice Chancellor  
Guru Ghasidas Vishwavidyalaya  
Bilaspur, Chhattisgarh



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### Director

**Prof. Rajendra Mehta**  
Dean, School of Interdisciplinary  
Education & Research, GGV



### Convener

**Prof. Renu Bhatt**  
Head, Dept. of Biotechnology, GGV



### Co-convener

**Dr. Harit Jha**  
Associate Professor  
Dept. of Biotechnology, GGV

## Organized by

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**Dr. Vikas Chandra**  
Department of Biotechnology  
Guru Ghasidas Vishwavidyalaya



**Dr. Madan Sonkar**  
Department of Biotechnology  
Guru Ghasidas Vishwavidyalaya

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**Ms. Alka Ekka**

**Dr. Dhananjay Shukla**

**Dr. Naveen K. Vishvakarma**

**Dr. Rajat Pratap Singh**

### Registration Fees

<b>Faculties/ Industrialists:</b>	<b>Rs. 1500/-</b>
<b>Researchers/Scholars:</b>	<b>Rs. 950/-</b>
<b>PG &amp; UG Students:</b>	<b>Rs. 450/-</b>

### Register here

<https://forms.gle/1JD26yZj4HNwAAtm7>



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# About the University & Department of Biotechnology

Guru Ghasidas Vishwavidyalaya, is a Central University of India, located in Bilaspur, Chhattisgarh, established under Central Universities Act 2009, No. 25 of 2009. The university is appropriately named to honor the great Saint Guru Ghasidas (born in 17th century), who waged a relentless struggle against all forms of social evils and injustice prevailing in the society.

The Department of Biotechnology was established in the year 1996 to impart quality education in the field of Biotechnology and to create trained Biotechnologist. The Department of Biotechnology has well developed facility for Microbiology, Biochemistry, Molecular Biology, Plant and animal Tissue culture and Bioinformatics.

## About the Workshop

The aim of the workshop is bringing the academicians, scientist, industrialist at a platform to discuss and share their experiences on recent trends in bioinformatics. Researchers, faculties and students working in the field of bioinformatics will be benefited to better plan and execute their experiments by themselves. The important topics to be covered are basics of bioinformatics, biological database, primer designing, phylogenetic analysis, protein structure and modelling, gene prediction methods, drug designing and next generation sequencing.

## Organized by

**Department of Biotechnology**  
**Guru Ghasidas Vishwavidyalaya**  
**Bilaspur, Chhattisgarh-495009**



# Legend Resource Persons



**Dr. Rahul S. Mandal**

Research Associate, Perelman School of  
Medicine, University of Pennsylvania, USA

**Dr. Archana Banerjee**

Researcher

University of Saskatchewan, Canada



**Dr. S. V. Ladda**

Senior Scientist

New Jersey, USA

**Dr. Vishal Mishra**

Department of Chemical Engineering

IIT-BHU, Varanasi



**Dr. Shatakshee Chatterjee**

Scientific Consultant

DBT, New Delhi



**Dr. Soumya Lipsa Rath**

Assistant Professor

NIT, Warangal



**Dr. Prasun Kumar**

Researcher, Yeungnam University

Republic of Korea



**Prof. Pradeep Naik**

Head, Dept. of Biotechnology and  
Bioinformatics, Sambalpur University

**Prof. DSVGK Kaladhar**

Dept. of Microbiology and Bioinformatics

ABVV(Bilaspur University)



**Prof. Jitendra Singh**

Department of Microbiology

CCS University, Meerut



**Dr. Nitya Nand Sharma**

Scientist, Premas Life Sciences Pvt. Ltd.

New Delhi



**Dr. Ashish Bhushan**

Research Scientist

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**Dr. Abhigyan Nath**

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