



**BJB AUTONOMOUS COLLEGE**  
Bhubaneswar

**DEPARTMENT OF**  
**IMSC.BIOINFORMATICS**

Organizes  
**NATIONAL CONFERENCE**  
on  
“Artificial Intelligence  
in  
Biological Sciences”

**12<sup>th</sup> & 13<sup>th</sup> February 2024**

## Program Schedule

Schedule	12 <sup>th</sup> February (Day 1)
10.30 am	Innaugural Session by Chairman
11.30 am	High Tea
11.45am	Technical Session I (Dr. M. Chourasia)
1.00 pm	Lunch
2.15 pm	Technical Session II (Dr. B. Sateesh)
3.15 pm	Technical Session III (Dr. Naushad Hussain)
4.15 pm	Best Poster / Cultural Session
5.00 pm	Vote of Thanks by Convener
5.15 pm	High Tea

Schedule	13 <sup>th</sup> February (Day 2)
10.00 am	Innaugural Session
10.30 am	High Tea
10.45 am	Technical Session I (Prof. GPS Raghava)
12.15 pm	Technical Session II (Dr. Ansuman Dixit)
1.15 pm	Lunch
2.15 pm	Technical Session III (Dr. S. Rana)
3.30 pm	Best Abstract
3.45 pm	Valedictory Session/ Cultural Session
4.30pm	Vote of Thanks by Organizing Secretary
5.00pm	High Tea

5. Dr. Sukant Kumar Pradhan,  
Head Dept. of Bioinformatics,  
OUAT, Bhubaneswar
6. Dr. Surya Narayan Rath  
Asst. Prof. Dept. of Bioinformatics,  
OUAT, Bhubaneswar
7. Dr. Naushad Hussain  
CSIR Pool Scientist, ILS  
Bhubaneswar
8. Dr. Basudev Kar  
Department of Biotechnology  
SOA University.
9. Dr. Gopal Krishna Purohit  
Director, Heredity Life Sci. Bhubaneswar

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## About The College & Department

The Buxi Jagabandhu Bidyadhar Autonomous College, stands as a distinguished Premier Government Educational Institution with NAAC Accrediation as "A" in Odisha, since 1957. The college is named after the great freedom fighter Buxi Jagabandhu Bidyadhar Bhramarabara Ray Mahapatra,Puri. The Institution is marked up as the leading Autonomous College and is affiliated to Utkal University, Vanivihar known for its commendable history of delivering excellence in education across a spectrum of disciplines in various fields through high quality of education. The Department of IMSc. Bioinformatics had been established since 2007, since then the Department had been consistently delivering Research and Personnels to the State and to the Country.

## About The Event

The focal theme for the event lies on AI applications in Biological Sciences. Introduction of Artificial Intelligence Technologies, methodologies, and applications currently have contributed throughout the biological sciences and biology R&D, including in engineering biology (e.g., the application of engineering principles and the use of systematic design tools to reprogram cellular systems for a specific functional output) and across multiple application in all *omics* related to the Biological world. This event will be a wonderful opportunity to understand and analyze large biological data, pattern study and their practical applications

### Relevant Topics:

1. Genomics & Proteomics
2. Transcriptomics
3. Machine Learning Techniques & Neural Networks
4. AI in Drug Discovery
5. Biomedical Informatics
6. AI based Tools/ Database Development

### Abstract and poster guidelines

The theme of abstract and poster should limited to Bioinformatics and its application in various domain of biological science, application of AI in bioinformatics, Biomedical informatics, Health informative, agriculture sector etc.

Abstract submitted must be contain original work and should not have been previously published , presented or submitted for publication or presentation at the time of this submission. Abstract should be in an extended format and submitted online not exceeding 1000 words including figure and/or tables. Abstract to be written in Times New Roman Font (Size 12) with line spacing of 1.5

The Poster size shall be 4feet height x 3 feet width with a font size of 24 to be visible from distance of 6ft. The poster shall contain the Topic in Italics and name of the Author(s) along with the institutional name or collaboration

## Board of Members

### Chairperson

Prof. Itishree Padhi,  
Principal, BJB (A) College

### Convener

Prof. Sabita Harichandan,  
Member Secretary, SF Courses

### Co- Convener

Shri Chinmoy Krishna Patel  
Co-ordinator, Dept. of IMSc.BI

### Organizing Secretary

Shri Sabyasachi Mohanty  
Head, Department of IMSc.BI

### Organizing Committee

1. Mr. Rakesh Ranjan Ojha  
Asst Prof. Department of IMSc.BI
2. Ms. Sushree Sangita Nayak  
Asst. Prof, Department of IMSc.BI

### Advisory Members

1. Dr. Anshuman Dixit, Sr. Scientist II  
Institute of Life Sciences, Bhubaneswar
2. Dr. Bhawani Prasad Bag  
Asst. Prof. Dept.of Bioinformatics, SU
3. Prof. Tribikram Sarangi,  
Head Department of Botany, BJB (A) College
4. Dr. Sabindra Kumar Samal  
Asst. Prof, Department of Zoology  
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