

# School of Applied Sciences Department of Biotechnology

in association with International Applied Biologists Association (IABA)  
Organises

## National Symposium on AI-Driven Biosciences & Bioinformatics

Date: May 09, 2025

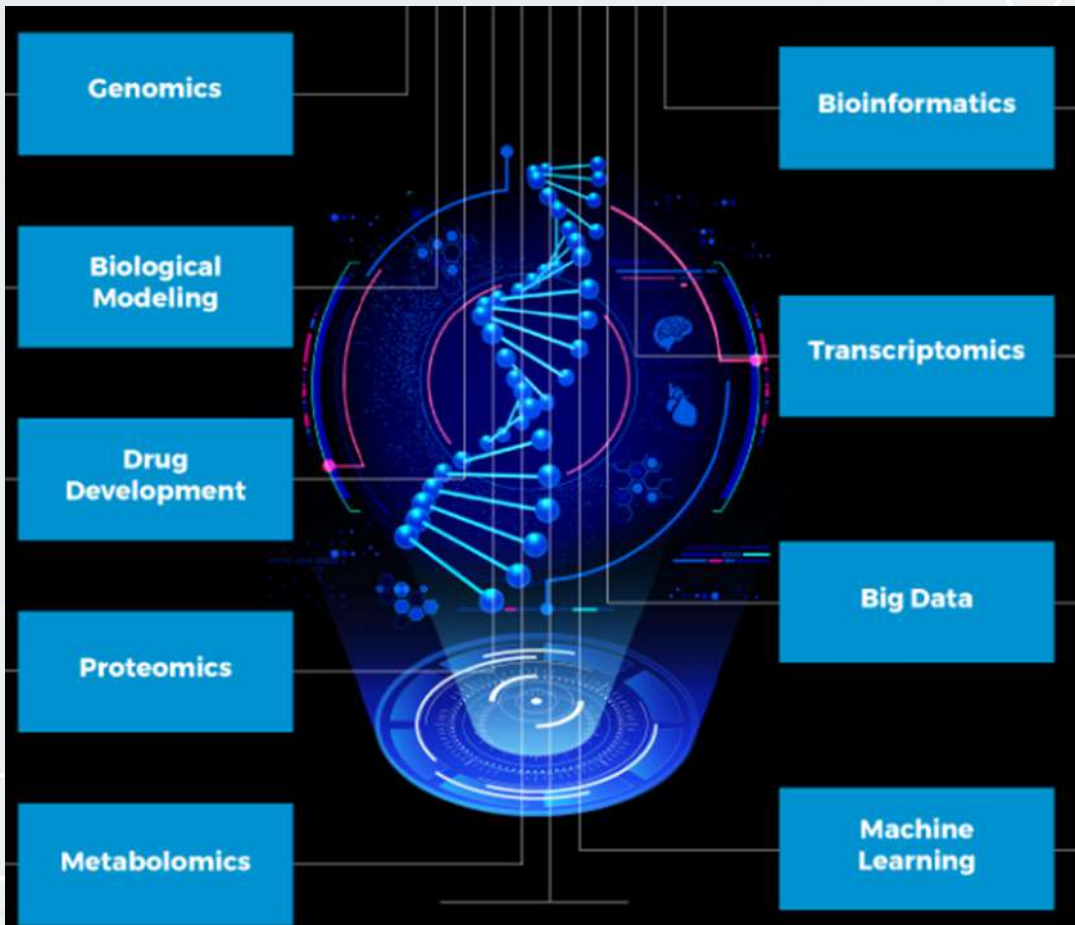
Venue: Justice Hegde Seminar Hall, Basement, Swami Vivekananda Block

Sponsored by



## About the Symposium

The National Symposium on AI-Driven Biosciences and Bioinformatics unites researchers, academicians, and industry experts from all branches of biology and life sciences to explore breakthroughs in AI and ML, spanning fields from genomics, transcriptomics, proteomics, and metabolomics to cellular, molecular, developmental, structural biology, neuroscience, immunology, microbiology, ecology, and environmental science. The event focuses on integrating AI with Omics technologies and big data analytics to transform biological data interpretation, precision medicine, drug discovery, and sustainable agriculture. Featuring keynote addresses from leading figures and interactive panel discussions with participants and dignitaries, the symposium fosters interdisciplinary partnerships and paves the way for innovative solutions to today's pressing scientific challenges.



Symposium Themes	Symposium Outcomes
AI-Techniques in Biosciences Omics Technologies Big Data Analysis AI integration in Drug discovery	<ul style="list-style-type: none"><li>Gain insights into the latest advancements in AI-driven bioinformatics.</li><li>Key outcomes included discussions, highlighted trends in omics data integration, and AI applications.</li><li>The event strengthened networks and promotes biosciences and bioinformatics for impactful biological research.</li></ul>

### **Chief Patrons**

**Dr. P. Shyama Raju**

Chancellor, REVA University

**Mr. Umesh S. Raju**

Pro Chancellor, REVA University

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### **Convener**

**Prof. Shilpa B. R.**

Director (I/C), School of Applied Sciences, REVA University

**Dr. P. Visweswara Rao**

Director - International Relations & Research Collaborations

### **Organising Committee**

**Prof. Prashantha C. N.**

Assistant Professor, Department of Biotechnology  
School of Applied Sciences, REVA University

**Dr. Vivek Keshri**

Assistant Professor, Department of Biotechnology  
School of Applied Sciences, REVA University

**Dr. K. R. Dasegowda**

Assistant Professor, Department of Biotechnology  
School of Applied Sciences, REVA University

**Dr. Agnik Haldar**

Assistant Professor, Department of Biotechnology  
School of Applied Sciences, REVA University



## About REVA University

REVA University is a State Private University established in Karnataka State under the Government of Karnataka Act No. 13 in the year 2012 in Bengaluru, the IT capital of India. REVA University, recognised by the University Grants Commission (UGC) and approved by the All India Council for Technical Education (AICTE), has an A+ grade from NAAC.

REVA University prides itself in contributing to every student's holistic development. The University currently offers 38 full-time undergraduate programmes, 31 full-time postgraduate programmes, 20 PhD programmes, and certification and diploma programmes. The University offers programmes in Engineering, Architecture, Science and Technology, Commerce, Management Studies, Law, Arts & Humanities, and Performing Arts. Courses are offered in Certificate/Diploma and Post Graduate Diploma too. REVA University facilitates research leading to a Doctoral Degree in all disciplines. The programmes offered by REVA University are well-planned and designed based on methodical analysis and research with emphasis on knowledge assimilation, practical applications, hands-on training, global and industrial relevance, and their social significance.

Teachers and instructors with illustrious academic experience are the architects of the meticulously designed curriculum and program modules offered at REVA University. They come with industrial exposure and experience that often translates through their teaching, thus bridging the gap between the industry and academia.

## About School of Applied Sciences

The School of Applied Science, started in the year 2014, is known for its dedication and commitment. There are 98 highly qualified teaching faculties teaching various subjects as Physics, Chemistry, Mathematics, Biochemistry and Biotechnology. The school has organized many events such as Inspire Internship program, KSTA conference, National and International conferences. The department has dedicated R&D centre and many funded research projects from various funding agencies such as DST-SERB, DST-TERI, VGST etc.

### School of Applied Sciences: Programs offered

B.Sc. (Biotechnology, Biochemistry & Genetics)	M.Sc. (Biotechnology)
B.Sc. (Bioinformatics, Statistics & Computer Science)	M.Sc. (Bioinformatics)
B.Sc. (Microbiology, Chemistry & Genetics)	M.Sc. (Microbial Technology)
	M.Sc. (Physics)
	M.Sc. (Chemistry)
	M.Sc. (Mathematics)

## About the Department

The Department of Biotechnology under the School of Applied Sciences offers UG, PG, and Ph.D. programs. With MOUs established with research organizations like ICAR-NIVEDI, MMS University, Biozeen, and NIPGR, the department provides career-focused, industry-integrated courses to equip students with skills for research and industry needs. Programs emphasize computational biology, genomics, drug design, and bioprocessing, along with electives, online courses (MOOC/SWAYAM/COURSERA), workshops, internships, and research training. The department also offers certificate programs, preparing students for careers in clinical research, diagnostics, medical writing, entrepreneurship, and healthcare industries.

## About the International Applied Biologists Association (IABA)

The International Applied Biologists Association (IABA) unites biologists from basic and applied studies to drive interdisciplinary innovations. Under Dr. Wilson Santhosh Kumar Aruni's leadership, it connects research, academia, and industry to promote sustainable healthcare and species protection. IABA fosters idea exchange and collaborations to transform lab inventions into practical solutions.



## Chief Guest and Keynote Speaker



### **Dr. Vinod Scaria**

Chief Data Officer, Karkinos Healthcare,  
Bangalore, Karnataka &  
Adjunct Professor, Indian Institute of Technology, Kanpur

## Guest of Honor and Keynote Speaker



### **Prof. Kshitish K. Acharya**

Professor  
Institute of Bioinformatics &  
Applied Biotechnology, Bangalore, Karnataka

## Plenary Speakers



### **Dr. Jitesh Doshi**

Computer Aided / AI Based Drug Discovery Scientist  
Peptiris Technologies, Bangalore, Karnataka



### **Dr. Pravin Kumar**

Chief Scientific Officer  
Kcat Enzymatic Private Limited  
Bangalore, Karnataka



### **Dr. Jinuraj KR**

Research Consultant  
Open-Source Pharma  
Bangalore

**Symposium Highlight: An interactive conclave with the  
eminent speakers of industry and academia.**

## REGISTRATION

### Students (UG and PG)

Rs 650/-

### Research Scholars/Faculty/Industry person:

Rs 800/-

### Last date for registration

April 25, 2025

### Registration form

<https://forms.gle/ro2Bqix1SaCT7iui7>

Payment link provided in registration form



Registration fee payment QR Code

Note: In payment link select Conference / Event / Workshop and select National Symposium on AI-Driven Biosciences and Bioinformatics.

### Faculty Co-ordinators

**Dr. K. R. Dasegowda**

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**Dr. Agnik Haldar**

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### Student Co-ordinators

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**Ms. Jahn timer G Bedre (MSc. Student)**

**Mr. Abhijit Krishna (B.Sc. Student)**

**If you have any questions, feel free to email:**

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