About the FDP:

The Faculty Development Programme (FDP) is designed to provide an in-depth understanding of cutting-edge advancements in computational biology and bioinformatics. It covers a diverse range of topics including foundation models in genomics and LLMs for bioinformatics applications, deep learning in medical imaging, emphasizing the role of AI in decoding complex biological systems. This FDP emphasizes the importance of explainability of advanced AI models in health care and medical science areas like disease prediction, drug discovery, and patient care. Participants will explore advanced techniques, including explainable AI (XAI), to build more trustworthy and effective models, addressing key issues in data-driven decision-making in healthcare and biological research.

About IIIT Raichur:

Indian Institute of Information Technology, Raichur located in the city of Raichur in Karnataka, is one of the youngest and budding IIITs proposed by the Ministry of Education, Government of India. IIIT Raichur shifted from IIT Hyderabad to the Transit in GEC Yermarus Camp, Raichur, Karnataka, where all academic activities are currently taking place. IIIT Raichur offers B. Tech and Ph. D. programs in the areas of Computer Science & Engineering, Data science and Mathematics & Computing.

Brief Profile of the Group of CSE:

The CSE Group at IIITR is actively conducting research in areas like Data Analytics, Machine Learning, Deep Learning, Bioinformatics, Computational Biology, Computer Vision, NLP, Distributed Computing, Cryptography, Cyber Security, Cyber Physical Systems, so on. The faculty members in the group consists of PhDs from reputed Institutes from India and abroad.

Location of IIIT Raichur:

IIIT Raichur, located in the city of Raichur in Karnataka, is one of the youngest and budding IIITs proposed by the Ministry of Education, Government of India. IIT Hyderabad mentored IIIT Raichur from August 2019 to November 2022 and oversaw its complete functioning, including administration, teaching, new campus planning, etc. The transit campus is equipped with academic and administrative buildings, as well as separate hostels for boys and girls. Starting Aug 2023, the institute started offering another B.Tech program in Artificial Intelligence & Data Science. The State Government of Karnataka has handed over a land of 74 Acres for the construction of a Permanent Campus at Raichur. The permanent campus of IIIT Raichur is currently under construction and will soon become operational in a few months.

For any query regarding this program, please contact the Coordinators.

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AICTE Training and Learning (ATAL) online Faculty Development Programme
by
Indian Institute of Information Technology, Raichur

Online Faculty Development Programme on "Advanced Computational Methods in Genomics and Drug Discovery: Bridging AI and Biomedical Science"

8th to 13th September, 2025, 6:00-9:00PM

Note: No Charge for Registration, Course and Certification

Coordinators
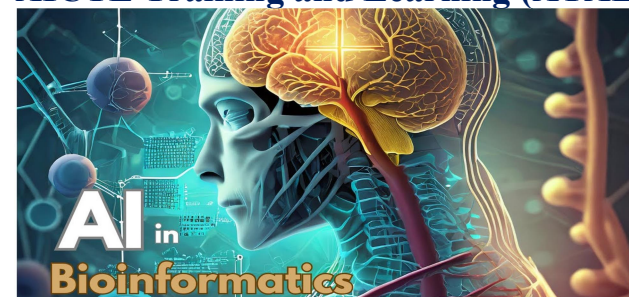**Dr. Chandra Mohan D**
Dr. Anup Kumar Halder

Organized by
CSE Department, IIIT Raichur – Karnataka
In association with the
AICTE Training and Learning (ATAL)

AI in Bioinformatics

Resource Persons:

Name: Prof. Subhadip Basu **Designation**: Professor, CSE **Institute/Industry:** Jadavpur University **Experience:** 23 Years	
Name: Dr. Chandra Shekhar V **Designation**: Lead Computer Vision Engineer **Institute/Industry:** Samsung R&D **Experience:** 14 Years	
Name: Dr. U Srinivas Reddy **Designation**: Associate Professor, CA **Institute/Industry:** NIT Tiruchurapalli **Experience:** 21 Years	
Name: Dr. Kaushiki Roy **Designation**: Postdoctoral Fellow **Institute/Industry:** Department of Cybernetics, Czech Technical University, Praha **Experience:** 11 Years	
Name: Dheeraj Kodati **Designation**: Senior Software Engineer **Institute/Industry:** Apollo Computing Laboratories pvt. Ltd., Hyderabad **Experience:** 11 Years	

Name: Prof. Krishna Reddy P **Designation**: Professor, CSE **Institute/Industry:** IIIT Hyderabad **Experience:** 28 Years	
Name: Dr. Naresh Babu M. **Designation**: Associate Professor, CSE **Institute/Industry:** IIIT(DM) Kurnool **Experience:** 18 Years	
Name: Dr. Srinivas Reddy Annapally **Designation**: Research Scientist **Institute/Industry:** GenZ Technologies Pvt. Ltd., Hyderabad **Experience:** 13 Years	
Name: Dr. Santhosh Amilpur **Designation**: Assistant Professor, CSE **Institute/Industry:** IIIT Sri City **Experience:** 12 Years	
Name: Kaustav Sengupta **Designation**: Postdoctoral Fellow **Institute/Industry:** Erasmus Medical center, Rotterdam, Netherlands **Experience:** 10 Years	