Department of Bioinformatics

B. Tech- Bioinformatics

Department Vision:

To be a centre of excellence in bioinformatics education and research, where computation and biology converge to advance human health, sustainable agriculture and the environment, serving our region, the nation and the world.

Department Mission:

Mission 1: To deliver a rigorous, outcome based, interdisciplinary curriculum integrating biology, chemistry, mathematics, statistics, computer science and artificial intelligence.

Mission 2: To build strong computational skills through hands-on training with real biological data, open-source tools and internships, supported by world class computational facilities.

Mission 3: To promote collaborative research and innovation in genomics, structural biology, drug discovery and healthcare, in partnership with industry, hospitals and research institutes.

Mission 4: To instil scientific integrity, data privacy, reproducibility and ethical leadership in the use of genomic and health data.

Mission 5: To foster an inclusive environment, serve the community through outreach and training, and prepare graduates to thrive in a rapidly changing global society.