

ATAL Online 6 Day Faculty Development Programmes 2025-26 Schedule

FDP Thrust Area: Health Care & Med-Tech

FDP Title: Advanced Computational Methods in Genomics and Drug Discovery: Bridging AI and Biomedical Science

Start Date:08.09.2025

End Date:13.09.2025

Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
6:00PM to 6:30PM Inaugural Session	6:00PM to 7:30PM Session 3 Topic: Bio-molecular Network Analysis Name of the Expert: Dr. Kaustav Sengupta Designation & Organization: Assistant Professor, Warsaw University of Technology, Warsaw, Poland Years of Exp:9 Years	6:00PM to 7:30PM Session 5 Topic: Structure based drug discovery Name of the Expert: Dr. Srinivas Reddy Annapally, Designation & Organization: Research Scientist, GenZ Technologies Pvt. Ltd., Hyderabad Years of Exp:14 Years	6:00PM to 7:30PM Session 7 Topic: Thermal Imaging in Breast Cancer Detection Name of the Expert: Dr. Kaushiki Roy Designation & Organization: Postdoctoral Fellow, Dept. of Cybernetics, Czech Technical University, Praha Years of Exp:11 Years	6:00PM to 7:30PM Session 9 Topic: Explainable AI (XAI) in Biomedical Applications Name of the Expert: Prof. Krishna Reddy P Designation & Organization: Professor, IIIT Hyderabad Years of Exp:28 Years	2:00PM to 3:30PM Session 11 Topic: Translational bioinformatics Name of the Expert: Dr. Santhosh Amilpur Designation & Organization: Assistant Professor, CSE, IIIT Sri City Years of Exp:13 Years
6:30PM to 8:00PM Session 1 Topic: Foundation of Genomics Name of the Expert: Dr. U Srinivas Reddy Designation & Organization: Associate Professor, NIT Tiruchurapalli Years of Exp: 21 Years	7:30PM to 9:00PM Session 4 Topic: Drug Repurposing Name of the Expert: Prof. Subhadip Basu Designation & Organization: Professor, CSE, Jadavpur University Years of Exp:23 Years	7:30PM to 9:00PM Session 6 Topic: LLMs for Bioinformatics Applications Name of the Expert: Dr. Chandra Shekhar V Designation & Organization: Lead Computer Vision Engineer, Hyderabad Years of Exp:15 Years	7:30PM to 9:00PM Session 8 Topic: Multi-omics Data Integration/Cancer Subtype Classification Name of the Expert: Dr. Santhosh Amilpur Designation & Organization: Assistant Professor, IIIT Sri City Years of Exp:13 Years	7:30PM to 9:00PM Session 10 Topic: Deep Learning in Medical Imaging Name of the Expert: Dr. Kaushiki Roy Designation & Organization: Postdoctoral Fellow, Dept. of Cybernetics, Czech Technical University, Praha Years of Exp:11 Years	3:30PM to 5:00PM Session 12 Topic: Neurological Disorders and Mortality Risk Name of the Expert: Dr. Dheeraj Kodati Designation & Organization: Senior Software Engineer, Apollo Computing Laboratories pvt. Ltd., Hyd. Years of Exp:12 Years
8:00PM to 9:30PM Session 2 Topic: Biological Sequence Analysis Name of the Expert: Dr. Naresh Babu Muppalaneni. Designation & Organization: Associate Professor, IIITDM Kurnool Years of Exp:19 Years					5:00PM to 7:30PM Session 13 Topic: Infectious diseases Name of the Expert: Dr. Dheeraj Kodati Designation & Organization: Senior Software Engineer, Apollo Computing Laboratories pvt. Ltd., Hyd. Years of Exp:12 Years
					6:30PM to 7:30PM Online test & feedback
					7:30PM to 8:00PM Valedictory Session