

“National workshop on Practical approaches of Bioinformatics: Basics to advanced”

(16-20 March 2023)

Department of Biotechnology has organised five days national workshop on “Practical approaches of Bioinformatics: Basics to advanced” (16 March 2023 to 20 March 2023). 123 delegates i.e. 11 faculty members, 29 research scholars, 57 PG students and 29 UG student from 43 different institutes from different part of India participated in workshop. This workshop aimed to help participants get familiar with basic and advanced approaches of bioinformatics and provide insights about its current and prospective applications in scientific research. The workshop started with inauguration by the hon’ble Vice Chancellor of the University, Prof. Alok Kumar Chakrawal in the presence of the Registrar, Prof. M.K. Shrivastava, Dean, SoS IER, Prof. Rajendra Mehta, HOD Biotechnology, Prof. Renu Bhatt, Chief Guest, Prof. Gajendra P.S. Raghava, HOD, Computational Biology, IIIT Delhi and all the faculty members and research scholars of Biotechnology.



Participants were benefitted by listening lectures by Dr. Abhigyan Nath, Assistant Professor, Pt. JLN College, Raipur, Dr. Soumya Lipsa Rath, Assistant Professor, NIT, Warangal, Dr. Vishal Mishra, Assistant Professor, IIT-BHU, Varanasi, Dr. Suresh Thareja, Associate Professor, Central university of Punjab, Dr. Prasun Kumar, Researcher, Yeungnam University of Republic of Korea, Dr. Saurbh Laddha, Senior scientist, Johnson & Johnson Ltd. USA, Prof Gajendra P.S. Raghava, HOD, Computational Biology, IIIT Delhi, Dr. Nitya Nand Sharma, Scientist, Premas Life Sciences Pvt. Ltd., New Delhi, Dr. Archana Banerjee, Researcher,

University of Saskatchewan, Canada, Dr. Shatakshee Chatterjee, Scientific Consultant, DBT, New Delhi, Dr. Ashish Bushan, Research Scientist, Lal Pathology Pvt. Ltd., New Delhi, Dr. Rahul S. Mandal, Research Associate, Perelman School of Medicine, University of Pennsylvania, USA and Prof. DSVGK Kaladhar, HOD, Department of Microbiology and Bioinformatics, ABVV, Bilaspur. Five days workshop was successfully completed which focused on topics like Basic introduction to Bioinformatics, Sequence analysis and Molecular Phylogeny, machine Learning, Protein structure modelling, Biological Databases and Primer Designing, Cancer genome sequencing, Drug Designing, Microarray analysis, Molecular Docking, Gene prediction methods, etc.



Feedback Session and Valedictory Function was organised on the final day of workshop in which participants were asked to submit their feedback through google forms.