

# Skill Development Course on Computational Predictive Biology and Bioinformatics

CSIR-IITR successfully conducted a Skill Development Course on "Computational Predictive Biology and Bioinformatics" from July 24-August 11, 2017. Professor Alok Dhawan, Director, CSIR-IITR, inaugurated this training programme on July 24, 2017, under "Skill India Initiative" programme. Dr Devendra Parmar, Chief Scientist & Chairman, HR Cell, CSIR-IITR and Dr R. Parthasarathi, Course Coordinator, CSIR-IITR, were also present. Realizing the dearth of trained manpower in pharma and allied industries, informatics and scientific computing and Contract Research Organizations (CROs), CSIR-IITR offered this course. Professor Alok Dhawan said that though a relatively new discipline, Computational Predictive Biology and Bioinformatics is emerging as a key element for biomedical research and showing excellent potential for translational research. This course was envisaged in creating a unique, broad and interdisciplinary view of biocomputing and information technology. The programme aimed to target individuals in science, industry, agriculture and medicine who wish to acquire professional skills in highly specialized inter-disciplinary areas of computational biology, genomics, bioinformatics, drug



Professor Alok Dhawan, Director, CSIR-IITR (Centre), Dr R. Parthasarathi, Scientist Fellow, CSIR-IITR (Left) and Dr D. Parmar (Right), Chief Scientist, CSIR-IITR & Head, HR cell, during the inaugural session.



discovery, database management, high performance computing and predictive toxicology. On the occasion of completion of programme, 11 participants from various fields actively participated to sharpen their skills in the areas defined above. Apart from the lectures and practical sessions, various scientific software industries like Vlife, Microsoft, Schrodinger and Scube, New Delhi, interacted with the students and presented the recent trends in the field on modeling and simulations, data mining, big data analysis, various bioinformatics tools and interacted with the students during the course period. Professor Alok Dhawan, Director, CSIR-IITR, congratulated the participants and wish them better future. Also present on the occasion was Dr Devendra Parmar, Chief Scientist & Chairman, HR Cell, CSIR-IITR and Dr R. Parthasarathi, Course Coordinator, CSIR-IITR. Finally, certificates along with the course work materials were distributed among the students.

Faculty of CSIR-IITR addressing the participants.





An interactive session.



Participants with Professor Alok Dhawan, Director, CSIR-IITR and Dr D. Parmar, Chief Scientist, CSIR-IITR and Dr R. Parthasarathi, Scientist Fellow, CSIR-IITR.