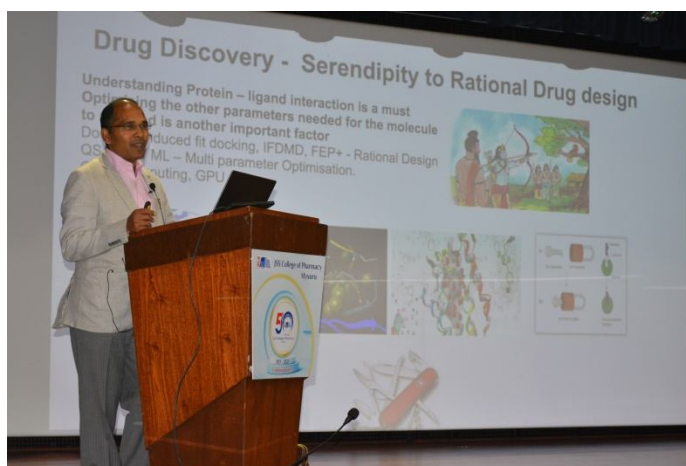


Report on National Conference on “Artificial Intelligence in Drug Discovery and Development”

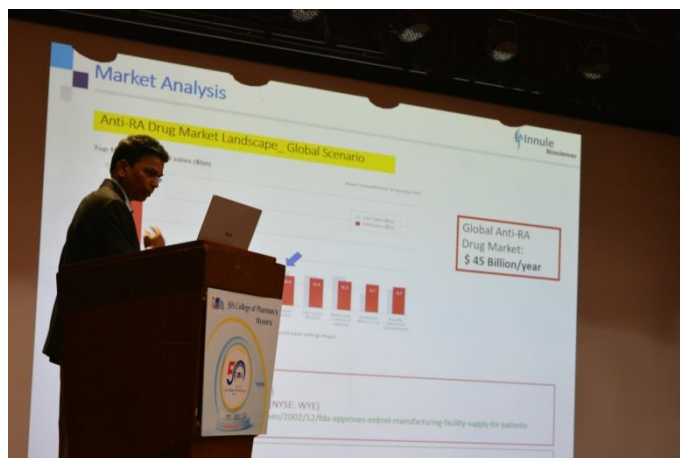
As part of Golden Jubilee Year of the College, Department of Pharmaceutical Chemistry, JSS College of Pharmacy, Mysuru organised one day “National Conference on Artificial Intelligence in Drug Discovery and Development” on 28th April 2023 at Sri Rajendra Auditorium. The program was inaugurated by **Dr. B Manjunatha**, Registrar, JSS Academy of Higher Education & Research (JSSAHER) Mysuru. **Dr. Prasant M Vishwanath**, Dean (Research), JSSAHER, Mysuru briefed the importance of Artificial Intelligence in Drug Discovery and Development. **Dr. B M Gurupadayya** delivered the welcome address. The speakers for the conference **Dr. Raghu Rangaswamy**, Vice President, Schrodinger, **Dr. Koteppa Pari**, Founder Director, Innule Biosciences Pvt. Ltd., Bangalore, **Dr. Sudharsan Pandiyan**, Principal Scientist, Schrödinger and **Dr. Achintya Das**, Head of Computational & Data Sciences, Syngene International Ltd., Bangalore were present. The vote of thanks for the function was delivered by **Dr. Chandan R S**, Organizing Secretary of the conference.



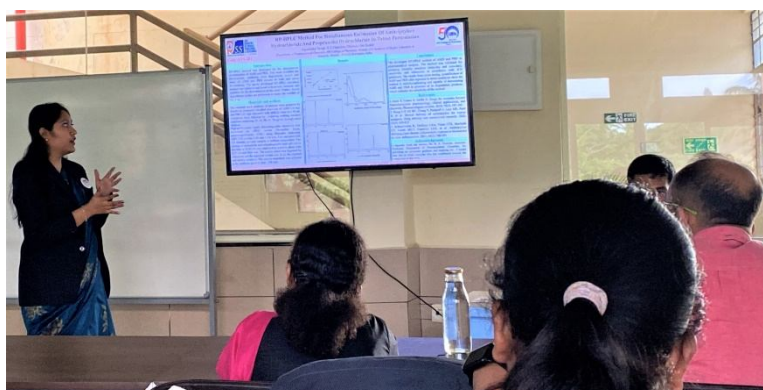
First session was on “AI / ML and physics based CADD methods in discovery of clinical candidates” by **Dr. Raghu Rangaswamy**, Vice President, Schrodinger. He gave a scholarly talk on the need of AI/ML technology and how it helps in Drug discovery process, also highlighted the factors interfering target identification from serendipity to rational Drug discovery process including the pitfalls in Drug discovery process.



Second session was on “Small molecules as safer alternatives for antirheumatoid arthritis – a preclinical journey” by **Dr. KotteppaPari**, Founder director, Innule Biosciences Pvt. Ltd, Bangalore. He gave a thought-provoking talk on the novelty approach in drug discovery process with real time examples also shared his experiences on the drug discovery process of Anti- TNF biological agents for Rheumatoid Arthritis and challenges faced in drug discovery process.



About 110 delegates from various colleges participated in the conference and 32 participants presented their research paper in various streams of Pharmacy in the form of E-poster which was evaluated by scientific committee.



The conference concluded with Valedictory and Prizes were distributed to the winners of E-posters.

