


Molecular Docking and Industrial Visit

On 1st June 2023, Evogen, the student teacher organization of the Biotechnology and Biochemical Engineering department in association with IICChE student Chapter, organized a full-day workshop on Molecular Docking along with an Industrial Visit (IV) as part of their Advent program. A total of 47 participants were there who paid a registration fee of Rs 300, where all the funds would be sent directly to the Advent team. Our staff in coordinator was Prof. Ani Lawrence. The IV took place at CSIR Trivandrum, a renowned research institute specializing in molecular biology and drug discovery.

The Molecular Docking and IV event aimed to provide participants, mainly students, with valuable insights into the computational methods of molecular docking and the practical in the field of drug discovery. The event also included an industrial visit to CSIR Trivandrum to provide students with firsthand exposure to the research and development activities at the institute.

The workshop commenced at 10:00 AM with a warm welcome by the organizing team of the event. The morning session began with an introductory presentation on molecular docking by the student organizers. They discussed the principles, methodologies, and significance of molecular docking in the context of drug design and development. After the informative presentations, participants were divided into smaller groups for hands-on training sessions facilitated by the final year student mentors. The students had set up well-equipped computer labs, where attendees had the opportunity to apply their theoretical knowledge to practical scenarios. Under the guidance of the final year students, participants learned how to use molecular docking software, perform docking simulations, and analyze the results. The hands-on training sessions provided an immersive learning experience, allowing participants to actively engage with the software tools and gain practical insights into the challenges and nuances of molecular docking. The final year student mentors provided personalized guidance, addressing the queries and assisting the participants throughout the training process.

After the morning session, the participants embarked on an industrial visit to CSIR Trivandrum. The visit provided students with an opportunity to observe and understand the research and development activities conducted in the field of biotechnology and biochemical engineering. The students were guided by experts from CSIR Trivandrum, who showcased various laboratories, facilities, and ongoing research projects.



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During the industrial visit, the students had the chance to interact with scientists, researchers, and technicians working at CSIR Trivandrum.

Registered student list

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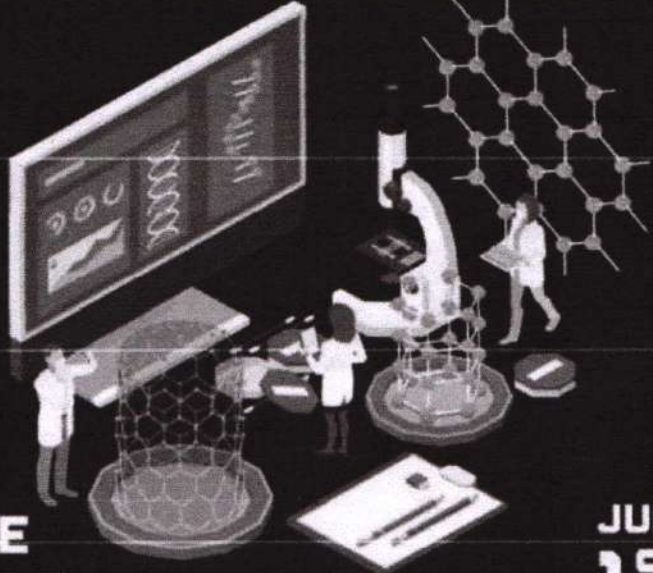
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MOLECULAR DOCKING AND INDUSTRIAL VISIT



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**JUNE
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