


Workshop Molecular Docking

Date: 28/03/2024


Venue: Sri Dharmasthala Manjunatheshwara College, Department of PG Studies & Research in Biotechnology

Organized by: Genix Association

Resource Person: Dr. Ramith Ramu, Department of Biotechnology and Bioinformatics, JSS AHER, Mysuru



Sri Dharmasthala Manjunatheshwara College
(Autonomous), Ujire - 574240
(Re-accredited at A++ grade by NAAC)



DEPARTMENT OF PG STUDIES & RESEARCH IN BIOTECHNOLOGY
Genix association

Organizes one day Workshop on
MOLECULAR DOCKING

INAUGURATOR
Dr. B.A. Kumara Hegde
Principal,
SDM College (Autonomous), Ujire

PRESENCE
Dr. Vishwanatha P.
Dean,
SDM PG Centre Ujire.

RESOURCE PERSON
Dr. Ramith Ramu
Department of Biotechnology & Bioinformatics,
JSS Academy of Higher Education & Research

Inauguration: 28th March 2024
Time: 10:00 am

Venue: Seminar Hall-1,
SDM PG Centre, Ujire

VALEDICTORY FUNCTION
Time: 04:15 pm

CHIEF GUEST
Shri Shashishekhara N Kakathkar.
Vice Principal,
SDM College (Autonomous), Ujire

ALL ARE CORDIALLY INVITED

Dr. Prarthana J. HOD, Department of PG Studies & Research in Biotechnology.	Staff & Students Department of PG Studies & Research in Biotechnology.	Dr. Sudarshan P. Co-ordinator GENIX Association
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Invocation:

The one-day Molecular Docking Workshop organized by Genix Association commenced with an invocation by the enthusiastic students of SDM PG Biotechnology, setting a positive tone for the day's proceedings.



Inauguration:

Dr. B.A. Kumar Hegde, Principal of SDM Degree College (Autonomous), Ujire, inaugurated the workshop and delivered an insightful inaugural address. His words of wisdom underscored the importance of workshops in fostering academic growth and practical knowledge among students.

Chief Guest:

Shri Shashishekhara N Kakathkar, Vice Principal of SDM College (Autonomous), Ujire, graced the occasion as the Chief Guest, adding prestige to the event with his presence.

Welcome Address:

Dr. Prarthana J., Head of the Department of Biotechnology at SDM PG Centre, Ujire, extended a warm welcome to all participants, emphasizing the significance of the workshop in advancing understanding and skills in molecular docking.

Guest Speeches:

Dr. Vishwanatha P., Dean of SDM PG Centre, Ujire, delivered a speech highlighting the relevance of molecular docking in contemporary biotechnology research and the opportunities it presents for innovation and discovery.

Dr. Sudarshan P., Coordinator of GENIX Association, provided insights into the objectives of the workshop and expressed gratitude to all attendees for their participation and support



Technical Sessions:

Dr. Ramith Ramu, from the Department of Biotechnology & Bioinformatics, JSS Academy of Higher Education & Research, led all the technical sessions with expertise and enthusiasm, ensuring the smooth flow of knowledge transfer.

Technical Session - I (11:30 am – 1 pm):

The first technical session introduced participants to the fundamentals of bioinformatics and various tools used in the field. Topics covered included NCBI, FASTA, GenBank, PubMed, Genome Sequencing, NCBI – BLAST, Sequence editing & alignment, and Phylogenetic analysis.



Technical Session - II (2 pm - 3 pm):

The second session delved into advanced tools used in bioinformatics, such as PDB, ADMET analysis, and the theoretical aspects of molecular docking. Participants gained insights into the theoretical foundations and practical applications of these tools.



Technical Session - III (3 pm – 4 pm):

The final technical session provided a comprehensive overview of the steps involved in molecular docking, with a detailed demonstration of each step. Participants had the opportunity to witness firsthand the intricacies of molecular docking and its potential applications in biotechnology research.



Valedictory Function:

The workshop concluded with a valedictory function at 4:15 pm, where certificates of participation were distributed to all attendees. Dr. Ramith Ramu, presided over the closing ceremony, expressing appreciation for the active participation and engagement of all participants throughout the day.



The Molecular Docking Workshop at Sri Dharmasthala Manjunatheshwara College proved to be a fruitful endeavour, providing participants with valuable insights and practical knowledge in the field

of biotechnology. The event's success was a testament to the collaborative efforts of the organizers, speakers, and enthusiastic participants.