



CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT

WORKSHOP ON

Plant & Crop Research using Biovia Solution

Date: 15-11-2019 to 16-11-2019

Resource Person



Mr. Chinmaya Chidananda Behera
Assistant Professor, CUTM, Odisha

Contact: 8462986074

Venue: Room No.- 126, Aryabhata Block

No. of Students and/or Faculty Participated: 60

About resource person:

Mr. Chinmaya Chidananda Behera, works at School of Pharmacy and Life Sciences, Centurion University of Technology and Management, Bhubaneswar, India. He had contributed to over 11 years of quality teaching in the profession of Pharmacy, engaged at various institutions across India. He had published quality research papers and books related to drug discovery and administration. He is currently working on Drug Discovery through the Computational Technique and Analytical Method Development for Assay and Stability testing of drugs in Bulk as well as pharmaceutical formulations.

About workshop:

Mr. Chinmaya Chidananda Behera discuss atopic on the use of Biovia solution in plant and crop research. Computer-Aided drug design accelerates and economizes drug discovery and drug manufacturing processes. The significant rise in the availability of information on small molecule and biological macromolecules has increased the efficiency of computer-aided drug discovery and extensively applied to almost every phase in drug discovery and manufacturing activities. detecting targets, validation, lead discovery, and optimization & preclinical tests are becoming easier. Since the last few years, substantial developments have been observed in computer-aided drug discovery techniques including molecular similarity calculation, de novo design, pharmacophore modeling and mapping, molecular docking, and sequence-based virtual screening, etc. Industries and also Government laboratories and Research centers are utilizing ample funding after computer-aided drug discovery.

Objective: To understand

- The Molecular Modeling Process used in Drug Discovery.
- The concept of Structure and Ligand-based Drug Designing.
- The Molecular Docking processes and their use in drug discovery.
- The Drug-likeness properties of various chemical entities.
- The application of Pharmacophore Modeling in drug discovery.
- To identify potential drug candidates through Virtual Screening of biological compounds.

Outcomes:

- Students understand the Biovia Tools and their application in drug discovery processes.
- Identify potential biological molecules from synthetic and natural sources by using Biovia.
- Recognize and comprehend various disease targets and select an ideal target for drug discovery.
- Design novel drug candidates for various diseases by using Biovia Discovery Studio.
- Repurpose the already existing drugs for safe and effective medication for various diseases.



Students Participation in the SFS Skill Workshop; Plant & Crop Research using BIOVIA

Participants List:



CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT, ODISHA

WORKSHOP

ON

Plant & Crop Research Using BIOVIA Solutions

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ATTENDANCE SHEET

Sl. No.	Name	Full Signature
1	Akash Vipin Korumelli	Akash korumelli
2	Amrita Samal	Amrita samal
3	Aparna Mishra	aparna mishra
4	Ashish Kumar Nayak	Ashish Kumar
5	Ashutosh Kumar Singh	ashutosh singh
6	Krishna kant khuntia	Krishna kant
7	Rudra narayan panda	Rudra narayan
8	Abhinash Ray	Abhinash Ray
9	Abhishek kumar	
10	Akash Acharya	Akash Acharya
11	Akash Dhangar	Akash dhangar
12	Aman Patnaik	Aman patnaik
13	Ankita das	
14	Anshu Kumar Gupta	Anshu Gupta
15	Arijit Paul	Arijit paul
16	Ashish Vipin korumelli	K-Ashish
17	Ayan Biswas	Ayan Biswas
18	Biswadeep Maji	Biswadeep maji
19	Biswajeet Nayak	Biswajeet Nayak
20	Chinmayshree mahanta	chinmayshree Mahanta
21	Chiranjit Samaddar	Chiranjit Samaddar.

22	Debasish Maji	Debasish Maji
23	Deepak Kumar Nayak	Deepak Nayak
24	Dharmendra kumar Das	Bharu Dharmendra Das
25	Dinesh panda	Dinesh panda
26	Gayatri priyadarsini behera	Gayatri Behera
27	Harshabardhan patra	
28	ISHIPRASAD SWAMY	Ishiprasad Swamy
29	Ishwar Rai	Ishwar Rai
30	Itishree panda	Itishree panda
31	Jishnu Pore	Jishnu pore
32	Jyotir Jagadananda Sahoo	
33	Kanupriya	Kanupriya
34	M Parthajeet Mitra	M parthajeet mitra
35	Madhusmita naik	Madhusmita naik
36	Manaswini panigrahi	Manaswini panigrahi
37	Md Samsher Alam	Samsher Alam
38	MOHAN CHANDRA MAHANTA	Mohan mahanta
39	Mousumi Jena	Mousumi Jena
40	Mrutyunjay Pradhan	Mrutyunjay pradhan
41	Nemai kundu	Nemai kundu
42	Pallabi priya sahu	Pallabi sahu
43	Pratik Panda	pratik panda
44	Priyantu Panda	
45	Rohan Ruidas	Rohan Ruidas
46	Rohit kumar sahu	
47	Rohit Mahapatra	Rohit Mahapatra
48	Sambhav Barik	Sambhav Barik
49	Sandeep Kumar Nayak	Sandeep Nayak

50	Sankalp mohanty	Sankalp mohanty
51	Sanket Kar	Sanket kar
52	santanu Kumar Nayak	Santanu Nayak
53	Satyabrata palei	Satyabrata palei
54	Satyajit Mondal	Satyajit Swain
55	Satyajit Swain (MBA)	Satyajit Swain
56	Shellee Mahakud	S. Mahakud
57	Sidhant Kumar Panda	Sidhant panda
58	Sidharth Behera	Sidharth Behera
59	Smruti Amlan Das	Smruti Amlan
60	SNIGDHA NAYAK	Snigdha Nayak



Workshop on Plant and Crop Research using BIOVIA Solution

DATE: 15-11-2019

Organised by:

Centurion University of Technology & Management

Venue: Room No.- 126, Aryabhata Block

Resource Person

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Assistant Professor, CUTM, Odisha
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Shaping Lives... Empowering Communities...

Dr. Prasanta Ku. Mohanty
Dean Academic

Prabhat K. Pattnaik
FDP Coordinator