



Centurion University of Technology and Management

Bhubaneswar, Jatni, Odisha -752050

Workshop on:

Biovia - Material Studio

Date: 11-04-2020

No. of Students and/or Faculty Participated: **13**

Resource Person



Professor Dipankar Bhattacharyay

Postdoc

School of Applied Sciences

Phone: 9007716604

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About the resource person:

Professor Dipankar Bhattacharyay, basically a chemical engineer involved in multidisciplinary research. He has expertise in areas involving chemistry, chemical engineering, ceramics, sensors, biomimics, microbes, image analysis, machine learning etc. He was an entrepreneur during 1993-2004. He did postdoc at University of Quebec at Chicoutimi, Canada. Later he joined there as Research Professor and worked for many Aluminum companies. He served as Dean of School of Applied Sciences at CUTM and presently working as a mentor. He was a visiting faculty at Department of Polymer Sc. and Tech, Calcutta University. He is guiding a number of PhD students in India and Canada.

About the Session:

Professor Dipankar Bhattacharyay, talks about how BIOVIA Materials Studio is a complete modeling and simulation environment designed to allow researchers in materials science and chemistry to predict and understand the relationships of a material's atomic and molecular structure with its properties and behavior. Using Materials Studio, researchers in many industries are engineering better performing materials of all types, including catalysts, polymers, composites, metals, alloys, pharmaceuticals, batteries and more.

Objectives:

To understand the application of BIOVIA Materials Studio in the fields of Material science and chemistry.

Outcomes:

- Participants understand the relationships of a material's atomic and molecular structure with its properties and behavior for a complete modelling and simulation environment designed in the fields of material science and chemistry.
- Materials Studio helps in engineering better performing materials of all types, including catalysts, polymers, composites, metals, alloys, pharmaceuticals, batteries and more.



Figure: Interactive session of Biovia - Material Studio



WORKSHOP ON

Biovia - Material Studio

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Resource Person

Dipankar Bhattacharyay
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Organised by:
Centurion University of Technology and Management

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Participant Lists:

1	Swapna nanda Rath	Professor
2	G. N. Inndresha	Professor
3	Firoz Ahmed	Professor
4	Dr.Aditya Kumar Purohit	Asst.Prof
5	Dr.Srikanta Moharana	Asst.Prof
6	Dr.Ashish Kumar Sarangi	Asst.Prof
7	Mr.Rajguru Rajesh Raman Mishra	Asst.Prof
8	Dr.Bhairaba Kumar Majhi	Asst.Prof & HOD, Dept. Of Mathematics
9	Mr.Satyabrata Sadangi	Asst.Prof
10	Dr.Jayakishan Meher	Prof. & HOD, Dept. Of IT & BCA
11	Mrs.Monalisha Joshi	Asst.Prof
12	Ms. Asharani Dalei	Asst. Prof
13	Dr.Nilaya Kumar Mohanty	Asst.Prof & HOD,Dept. Physics



Prabhat K. Pattnaik
FDP Coordinator



Dr. Prasanta Ku. Mohanty
Dean Academic