



**Centurion
UNIVERSITY**

*Shaping Lives...
Empowering Communities...*

Brochure for Phyto_Workshop on Computational Biology

Brochure:

**e-WORKSHOP
COMPUTATIONAL BIOLOGY AND DATA
SCIENCE METHODS**

DAY 1	DAY 2	DAY 3
Computer aided drug designing Bioinformatics (Sequence - Structure Analysis) Computational Programs Sequence analysis Homology modeling Docking: AutoDock	Simulation and Modeling Soft matter simulation Computer Programs CHARMM-GUI Data Science Methods Machine Learning	Question-Answers and Feedback Listening to research interest of students Answering specific project related questions Educational resource for student's learning

[Click Here for Registration](#)
[Literature Resource](#)
Dates: 12-14 June 21 (14:30-16:00 IST)

Resource Person
Dr. Rajiv K Kar, PhD
Scientist, Technische Universität Berlin, Germany

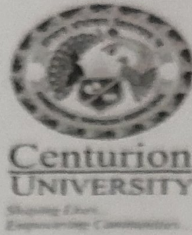
Organizers: Dr. Bhisma N. Rath, Dr. Gurudutta Pattanaik & Mr. Chinmaya C. Behera
Organized by: Department of Phytopharmaceuticals & Center for Drug Design
Centurion University of Technology and Management, Odisha

Figure 1: Screenshot of e-workshop flier with hyperlink for circulation and student registration.

Gitarijali



CONVENOR



Attendance for Phyto Workshop on Computational Biology

SL.No	Email Address	Full Name	Present/Absent 15 th Feb
51. 1	181516101066@cutm.ac.in	Anshuman Garnaik	P
52.	181516100045@cutm.ac	Shiv sankar Mishra	P
53.	181516100007@cutm.ac.in	Mahesh Kumar Dash	P
54.	smrutiranjansahu24@gmail.com	Smruti ranjan sahu	P
55.	jagadishpanda24@gmail.com	Jagadish panda	P
56.	sagnikkatari@gmail.com	Sagnik Katari	P
57.	181516100001@cutm.ac.in	Rohan Kumar Saha	P
58.	181516100032@cutm.ac.in	Deepak Behera	P
59.	bananidaspriyadarshini@gmail.com	Bananidas Priyadarshani	P
60.	.com	Banani Das	P
61.	sksadab8940@gmail.com	Sk Sadab Ahemmad	P
62.	annoush57010@gmail.com	Annoush Pattnaik	P
63.	barsharaninahak0@gamil.com	Barsha rani nahak	P
64.	mkmanishkumar259@gmail.com		P
65.		K Manish Achary	P
66.	181516100044@cutm.ac.in	Sk sahirul islam	P
67.	181516100004@cutm.ac.in	JAYDEV SAHU	P
68.	sarabmukesh222@gmail.com	Mukesh Sarab	P

69.	sachinpanigrahi975@gmail.com		P
70.		Sachin Panigrahi	P
71.	pratikchatterjee555@gmail.com		P
72.	m	Pratik Chatterjee	P
73.	2020616100050@cutm.ac.in	P.Sai koushik	P
74.	202616100034@cutm.ac.in	Subham nayak	P
75.	181516101062@cutm.ac.in	Sk Mahammad Abbas	P
76.	202616100015@gmail.com	Rounik Mohanty	P
77.	202626100048@cutm.ac.in	Pratyush Kumar Biswal	P
78.	202616100012@cutm.ac.in	Bighnaraj Sahu	P
79.	202616100052@cutm.ac.in	Rakesh panda	P
80.	202616100040@cutm.ac.in	Bibhu prasad nayak	P
81.	202616100043@cutm.ac.in	Hrusikesh panigrahi	P
82.	202616100062@cutm.ac.in	G satish kumar	P
83.	bapusa.9348499711@gmail.com		P
84.	m	Bapu sa	P
85.	202616100055@gmail.com	Subrat Sahoo	P
86.	202616100004@cutm.ac.in	Nikita Choudhury	P
87.	202616100046@cutm.ac.in	Nikky singh	P
88.	202616100049@cutm.ac.in	Priya pradhan	P
89.	202616100001@cutm.ac.in	Anupama jagat	P
90.	202616100042@gmail.com	Girija Shankar Das	P
91.	202616100057@cutm.ac.in	Sweta Bisoyi	P
92.	202616100011@cutm.ac.in	Biswajeet Behera	P
93.	202616100008@cutm.ac.in	Pedina Tarun Kumar	P
94.	202616100047@cutm.ac.in	Prabeen mandal	P

95.			P
96.	202616100003@gmail.com	Sourab das	P
97.	202616100019@cutm.ac.in	Ch Nikhil Pattnaik	P
98.	202616100035@cutm.ac.in	Anjali patro	P
99.	202616100051@cutm.ac.in	Rahul seshankar	P
100.	202616100021@cutm.ac.in	Kenguva vamsi	P
101.	201616100045@cutm.ac.in	Kondaka vamsi	P
102.	arup131999@gmail.com	Arup Samanta	P
103.	182516100034@cutm.ac.in	Rajani pal	P
104.	aparnna.priyadarshinee2512@gmail.com		P
105.		Aparna Priyadarshinee	P
106.	202616100014@cutm.ac.in	Atish patra	P
107.	deepak19050@gmail.com	Deepak Sahu	P
108.	192616100030@cutm.ac.in	Subhashree Jena	P
109.	191516100033@cutm.ac.in	Suman Kumar Choudhury	P
110.	182516100028@cutm.ac.in	Pranjal kumar	P
111.		Sanjay Kumar chakrabartty	P
112.	192616100013@cutm.ac.in		P
113.	202616100018@cutm.ac.in	BANSHIDHARA ROUT	P
114.	191516101064@cutm.ac.in	Abhishek kumar	P
115.	dhiraj143ray@gmail.com	Dhiraj Ray	P
116.	202616100026@cutm.ac.in	Bikash singh rajput	P
117.	20261610023@cutm.ac.in	Subudhi sibo prasad	P
118.	202616100013@cutm.ac.in	S vaishtnavi	P
119.	chandankhadanga35@gmail.com		P

120.		Chandan khadanga	P
121.	lipsapatnaik356@gmail.com	Lipsha patnaik	P
122.	202616100027@cutm.in	Hemant Kumar bagh	P
123.	182616100048@cutm.ac.in	Mukesh Kumar Maharana	P
124.	192616100035@cutm.ac.in	Sanmaya Samantara	P
125.	nitishkumarbej@gmail.com	Nitish Kumar Bej	P
126.	182516100057@cutm.ac.in	Puneet Mishra	P
127.	192616100006@cutm.ac.in	Sumant kumar behera	P
128.	192616100004@cutm.ac.in	Suman Roy	P
129.	182516100059@cutm.ac.in	Siddheswar Mantry	P
130.	19261610000@cutm.ac.in	Ayan sircer	P
131.	subhodeepadhikary@gmail.com		P
132.	m	Subhadeep Adhikary	P
133.	191516100001@cutm.ac.in	Rahul Kumar Dey	P
134.	182516100058@cutm.ac.in	Dipansu sekhar pujari	P
135.	abhipanigrahi95565@gmail.com		P
136.	m	Abhishek Panigrahi	P
137.	ps140719@gmail.com	Surya prakash das	P
138.	abhishekpadhan8766@gmail.com		P
139.	om	Abhishek Padhan	P
140.	181516100022@cutm.ac.in	Snigdharani Das	P
141.	justinjagan2001@gmail.com	Jagannath swain	P
142.	182616100031@cutm.ac.in	Sudhansu Sekhar khillar	P
143.			P

144.	192616100015@cutm.ac.in	Ritik Ranjan Panda	P
145.	shrishtishreya322@gmail.com	Sruthi padhi	P
146.	202616100005@cutm.ac.in	Sujan Ray	P
147.	202616100041.cutm.ac.in@gmail.com		P
148.		Debanshu kumar Hota	P
149.	santosh.vicky2109@gmail.com		P
150.		Santosh Kumar Pradhan	P
151.	182616100057@cutm.ac.in	Soumyaranjan pradhan	P
152.	ranakulamani123@gmail.com	Kulamani rana	P
153.	padhiaditya2000@gmail.com	Aditya padhi	P
154.	182616100011@cutm.ac.in	Abhisek Sana	P
155.	jayaprakashsahoo631@gmail.com		P
156.		Jaya Prakash sahuo	P
157.	sushantkumar0108199913@gmail.com		P
158.		Sushant kumar	P
159.	rajeshranjit234@gmail.com	Rajesh Kumar Ranjit	P
160.	182616101067@cutm.ac.in	Sandip giri	P
161.	182616100024@cutm.ac.in	Dilip Kumar Paltasingh	P
162.	shivanigudla021@gmail.com	G. Shivani	P
163.	goudadeepak23@gmail.com	Deepak	P
164.	kirtimayemallick111@gmail.com		P
165.		Kirtimayee mallick	P
166.	182616101062@cutm.ac.in	G PRASANT KUMAR	P
167.	182616100058@cutm.ac.in	Kirtiprakash sahuo	P

168.	181516100019@cutm.ac.in	Biswajit Puhan	P
169.	abhisekswain073@gmail.com	R.Abhisek Swain	P
170.	202616100061@cutm.ac.in	Yasoda Gouda	P
171.	181516100033@cutm.ac.in	Indrajit Mohanty	P
172.	181516100008@cutm.ac.in	Raghunath choudhury	P
173.	sibasundarmohapatra32@gmail.com		P
174.	sibasundarmohapatra32@gmail.com	Sibasundar mohapatra	P
175.	181516100034@cutm.ac.in	Subrat Kumar Pradhan	P
176.	siteshkashyap6@gmail.com	Sitesh kashyap	P
177.	sagarnahak124@gmail.com	Sagar nahak	P
178.	bibhutisamantaray77@gmail.com		P
179.	bibhutisamantaray77@gmail.com	Bibhuti Samantaray	P
180.	181516100025@cutm.ac.in	Sarthak das	P
181.	181516100052@cutm.ac.in	Barsa swain	P
182.	181516100005@cutm.ac.in	Debasish Biswal	P
183.	181516100026@cutm.ac.in	Aditya Kumar	P
184.	182616100028@cutm.ac.in	Devi prasad rath	P
185.	181516100056@cutm.ac.in	Sangram pradhan	P
186.			P
187.	achhutarock1998@gmail.com	ACHHUTA NANDA SAMAL	P
188.	182616100010@cutm.ac.in	Akash patel	P
189.	rudrapanda555@gmail.com	Rudra Narayan Panda	P
190.	182616101061@cutm.ac.in	Bijayalaxmi Barik	P
191.	181516100037@cutm.ac.in	Abinash Dash	P
192.			
193.	pattnaikrohankumar@gmail.com		P

194.	m	Rohonkumar pattanaik	P
195.	182616100001@cutm.ac.in	Subham Debasis Dash	P
196.	182516100050@cutm.ac.in	SUMAN KUMAR MISHRA	P
197.			P
	amankumar000752@gmail.com		
198.		AMAN KUMAR	P
199.	hiralalsahoo22@gmail.com	Hiralal saho	P
200.	181516100042@cutm.ac.in	Chitaranjan Barik	P
201.	sachinprusty886@gmail.com	S. Sachin Kumar Prusty	P
202.	181516100055@cutm.ac.in	Prasanna kumar saho	P
203.			P
	swayamsmohanty82@gmail.com		
204.		Swayams Mohanty	P
205.	ashirbadsomu@gmail.com	Ashirbad Sahoo	P
206.	182616101063@cutm.ac.in	Asutosh parida	P
207.	181516100014@cutm.ac.in	Smrutisikha Pattanaik	P
208.	191516101063@cutm.ac.in	Aditya Ranjan jena	P
209.	193001320004@cutm.ac.in	Barsa rani patro	P
210.	193001320002@cutm.ac.in	Pragnyaparamita Puti	P
211.	193001320012@cutm.ac.in	MD SAJID	P
212.	203001320003@cutm.ac.in	UMESH KUMAR	P
213.	193001320013@cutm.ac.in	sunil kumar	P
214.	203001320004@cutm.ac.in	Vikash Kumar Thakur	P
215.	203001320005@cutm.ac.in	Neha Khatoon	P

Gitanjali



CONVENOR



**Centurion
UNIVERSITY**
*Shaping Lives...
Empowering Communities...*

Report for Phyto_Workshop on Computational Biology

e-Workshop: Computational Biology and Data Science Methods

(B.Tech Phytopharmaceuticals)

Name of the facilitator – Dr. Rajiv K Kar, PhD; Scientist, Technische Universität Berlin,
Germany.

Date: - 12th to 14th June 2021

Dr Bhisma N Ratha on behalf of *Department of Phytopharma and Centre for Drug Discovery* organized a 3-day **e-workshop on Computational Biology and Data Science Methods** targeting B.Tech (Phyto), B.Pharma, M.Pharma, B.Sc and M.Sc. students, from 12th to 14th June 2021 (**Figure-1**). In this event, the facilitator Dr. Rajiv K Kar (Scientist, Technische Universität Berlin, Germany) delivered series of lectures with online demonstration of the computational methods. Students were performing the same on their systems simultaneously. About 200 students (**Table-1**) got benefitted from this workshop. In view of the students' interest towards these experimental methods, the periodical training on computational biology will be provided in future. Email communications given at page 7 of this document.

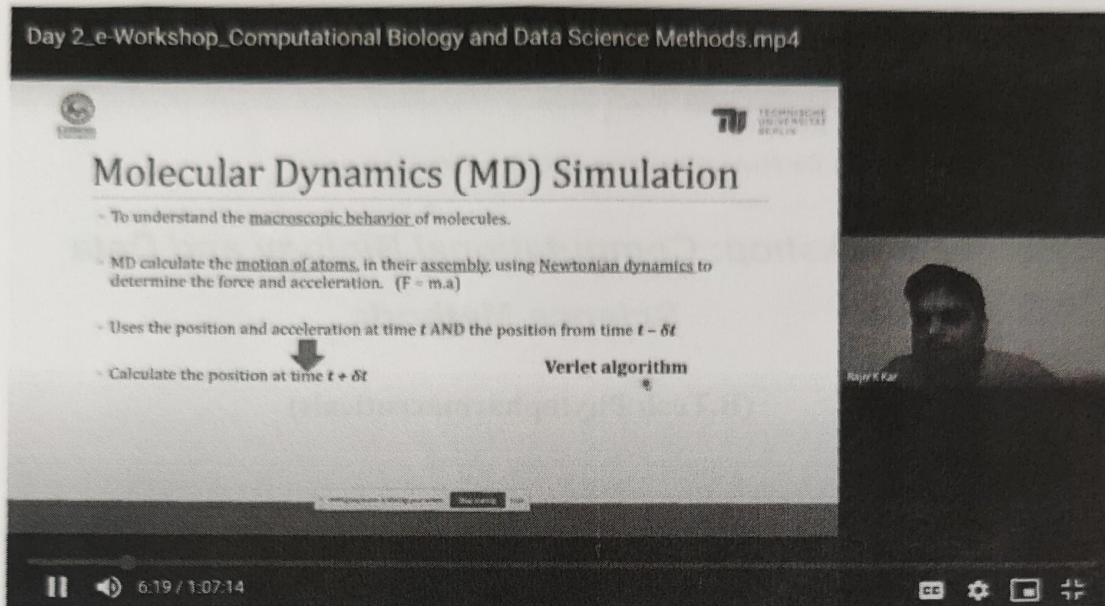
Dr. Bhisma Narayan Ratha, Assistant Professor, SoABE, presented the vote of thanks by expressing his gratitude to the resource person. He also thanked all the students and faculty present in the talk.

Link to recorded videos of 3 day work-shop.

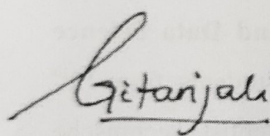

Day-1: https://drive.google.com/file/d/1hiz1x2lvCu-ck1Cm7l_4tMFhYBn7SEQIM/view?usp=sharing

Day-2: <https://drive.google.com/file/d/1-HeiFOFSzHpf-WjuHjFbNSO4eRZ9bEHp/view?usp=sharing>

Day-3: <https://drive.google.com/file/d/1NmCFxcCYpWWJp0sXBeAz-tFnNzxuA8jR/view?usp=sharing>



A Screen shot of Day 2 workshop session.

CONVENOR