



FACULTY DEVELOPMENT PROGRAMME

On

PLANT-BASED DRUGS DISCOVERY

Date: 5th June 2020

Resource Person:

Dr. Dipankar Bhattacharya

Professor, Department of Chemistry

Dr. Amiya Singh

Dean SoVET

No. of Students and/or Faculty Participated: 160

About session:

Dr. Amiya Singh brings 10 years of experience Education, Research, and Development sectors. He has worked on multiple development projects with internal and external stockholding/partnerships. Grassroots innovation and Community Development have always been his passion. His efforts in recent years have focused more on his vision to create a robust academic ecosystem integrating Skill Development, Innovation, Employability Entrepreneurship, and well-being. Also, his involvement in projects related to agriculture and livelihood for rural development has been quite significant.

Objective: The objective of the program was to brief on plant-based drug discoveries, Ligand design, molecular docking, macromolecule design, and engineering. The program also focused on how to convert courses into publications. The session gave an overview of current efforts in drug development based on plant-derived natural products.

Outcomes: The program displayed some successful research done in the area of plant-based drugs.

- Preliminary phytochemical screening; Screening of Leaf
- Using Biovia software for research in the field of chemical research, BIOVIA is the best in the Class of Scientific Enterprise Software for Chemical Research, and Material Science R&D, designed to help product development.
- To connect with the courses taking publication as a priority rather than just the outcome of the course
- Holistic level experiment to development

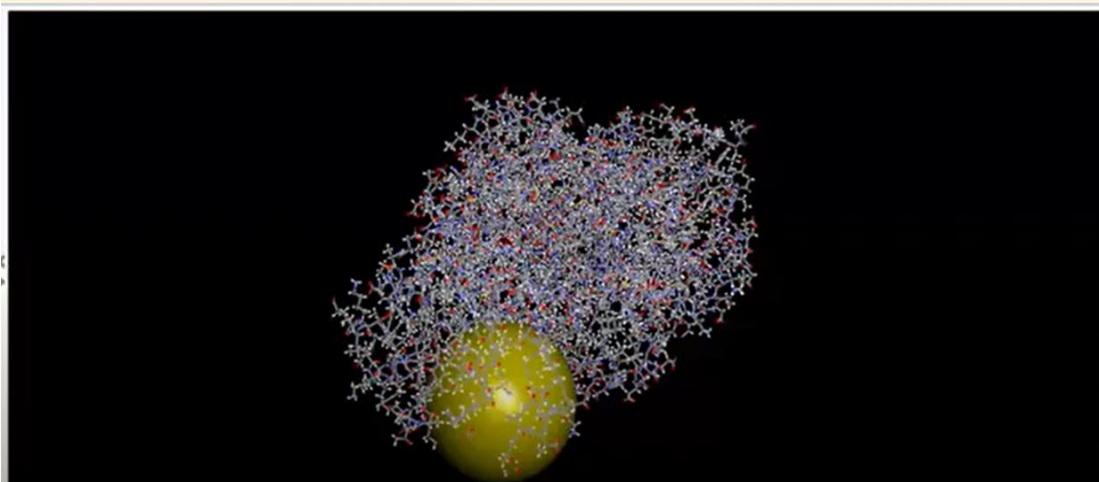
HOW !

- EDUCATION: System (Holistic) level Experiment to Development (than Delivery)
(Holistic – Worldview, Wellbeing, Soft Skills, Inclusivity, Community/Campus problem solving etc.)
- PEDAGOGY: Engagement, Communication Skills, Creativity, Innovation, Collaboration etc.
- END OUTCOME: Project, Community Problem solving, Field study, Teach-It-Forward (Ex: CAL, Informatics)
- RECORD: Evidence and Survey (Questionnaire for Beneficiaries, Stakeholders- Google Form)

AREAS

- THEME (Projects, Seminars)
- EVENT (Study Tour, Invited Seminars, SDP, Competitions, CSR, Clubs etc.)
- OPEN SOURCE TOOLS (QGIS, Python, SCILAB etc.)
- DIGITAL SHIFT (Exams, Administration, Monitoring, Delivery etc.)
- OUTREACH (Internship, Study Tour, Field Trip)

Structure of 3PWk with active site highlighted in yellow colour
Ligand Preparation and drug likeness study



Centurion
UNIVERSITY



WEBINAR ON

Plant-based Drug Discovery

Resource Person

Dr. Dipankar Bhattacharya

Prof. Dept. Chemistry

Mr. Amiya Singh

Dean SoVET

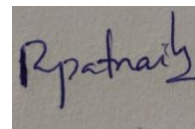
List of Participants

1	Dr. Girish Prasad Rath	Assistant Professor
2	Dr. Amir Prasad Behera	Assistant Professor
3	Nandakishore Ray	Asst. Professor
4	Smita Jana	Asst. Professor
5	Jagannath Padhy	Assistant Professor
6	Tofan Kumar Nahak	Assistant Professor
7	Dr. Santosh Kumar Nanda	Assistant Professor
8	Dr. Sivala Kumar	Professor
9	Dr. Gitanjali Behera	Assistant Professor
10	Dr. Shekhar Kumar Sahu	Assistant Professor
11	Dr. Santosh D.T.	Assistant Professor
12	Dr. Mitali Madhumita	Assistant Professor
13	Dr. Ruby Pandey	Assistant Professor
14	Dr. Sonam Sandeep Dash	Assistant Professor
15	Dr. Rajashree Jena	Assistant Professor
16	Dr. Prasanta Kumar Choudhury	Assistant Professor
17	Dr. Bhisma Narayan Rath	Assistant Professor
18	Dr. Satyabrata Nanda	Assistant Professor
19	Dr. Ashish Ranjan Dash	Associate Professor
20	Dr. Trilochan Penthia	Assistant Professor
21	Nanda Kishore Ray	Assistant Professor
22	Mr. Satyanarayan Padhy	Assistant Professor
23	Mr. Rajesh Kumar Misra	Assistant Professor
24	Ms. N. Jeevaratnam	Assistant Professor
25	Dr. Prafulla Kumar Panda	Associate Professor
26	Mr. Vignesh M.	Assistant Professor
27	Dr. Rajib Kumar Majhi	Assistant Professor
28	Dr. P. Srinivasa Rao	Professor
29	Mr. Mir Sadat Ali	Associate Professor
30	Dr. Sujit Mishra	Assistant Professor
31	Dr. Santosh Patro	Assistant Professor
32	Dr. Nagesh Kolagani	Professor
33	Dr. Dhawaleswar Rao CH	Associate Professor
34	Mr. Debendra Maharana	Assistant Professor
35	Mr. Md. Sameen Chishtis	Assistant Professor
36	Mr. Abinas Panda	Assistant Professor

37	Dr. Dillip Rout	Assistant Professor
38	Mr. Anshuman Pattanaik	Assistant Professor
39	Mr. Kirtidev Mohapatra	Asst. Professor
40	Jagannath Padhy	Assistant Professor
41	Tofan Kumar Nahak	Assistant Professor
42	N. Dibakar Choudhury	Assistant Professor
43	Dr. Debi Prasad Satapathy	Assistant Professor
44	Dr. Durga Prasad Padhi	Associate Professor
45	Dr. Kakani Grihalakshmi	Associate Professor
46	Dr. Parle Kalyan Chakravarty	Assistant Professor
47	Dr. S. Kameswar Rao	Assistant Professor
48	Dr. Tapas Bantha	Assistant Professor
49	Dr. Atanu Deb	Associate Professor
50	Dr. B. Narsimha Rao	Professor
51	Dr. Anant Tamang	Assistant Professor
52	Dr. Gouranga Ch. Mishra	Professor
53	Dr. Tanmoy Shankar	Associate Professor
54	Dr. Ashirbachan Mohapatra	Assistant Professor
55	Dr. V. Narsimha Reddy	Professor
56	Dr. K. Krishnam Raju	Associate Professor
57	Dr. K. S. Krishna Prasad	Professor cum Dean
58	Dr. Sambid Swain	Assistant Professor
59	Mr. Avijit Biswas	Assistant Professor
60	Dr. Amrutha Gupan	Assistant Professor
61	Dr. Sagarika Swain	Assistant Professor
62	Dr. Nisha Elizabeth Joshua	Assistant Professor
63	Dr. Srihari M.	Assistant Professor
64	Dr. Shashank Singh	Assistant Professor
65	Dr. Ngairangbam Sushila	Assistant Professor
66	Ms. Aruna Saini	Professor
67	Dr. Rabindra Nath Pradhan	Assistant Professor
68	Mr. I. Rama Koti	Assistant Professor
69	Dr. Ashok Misra	Professor
70	Dr. Banitamani Mallik	Professor
71	Dr. Balaji Padhy	Assistant Professor
72	Dr. Santosh Kumar Bhal	Assistant Professor
73	Dr. Vijaya Miditana	Associate Professor
74	Dr. Prajna Pani	Professor
75	Dr. Girish Prasad Rath	Assistant Professor
76	Dr. Susanta Kumar Patnaik	Assistant Professor
77	Dr. Amir Prasad Behera	Assistant Professor
78	Dr. Subhendu Kumar Mishra	Associate Professor
79	Mr. Sharmistha Sahu	Assistant Professor
80	Dr.Soma Maji	Assistant Professor
81	Dr. Mayank Singh	Assistant Professor
82	Dr. Satya Prakash Nanda	Professor cum Dean
83	Dr. M. Devender Reddy	Professor cum Dean Acad
84	Mr. Anil Kumar J.	Associate Dean
85	Mr. B. Chakrapani	Professor
86	Dr. Chitrasena Padhy	Assistant Professor
87	Dr. Ajay Kumar Prusty	Assistant Professor

88	Dr. Satarupa Modak	Assistant Professor
89	Dr. Akkammadevi Naik	Assistant Professor
90	Dr. Ashok Kumar	Assistant Professor
91	Dr. M. Chandra Surya Rao	Assistant Professor
92	Dr. Nilanjana Datta	Assistant Professor
93	Dr. Samapika Dalai	Assistant Professor
94	Dr. Anindita Roy	Assistant Professor
95	Dr. Barsha Tripathy	Assistant Professor
96	Dr. Smaranika Mohanta	Assistant Professor
97	Dr. Subhrajyoti Chatterjee	Assistant Professor
98	Dr. Archana Mishra	Assistant Professor
99	Dr. Sunna Deepthi	Assistant Professor
100	Dr. Vangapandu Thriveni	Assistant Professor
101	Dr. M. Viswanath	Assistant Professor
102	Dr. Ajay Kumar Prusty	Assistant Professor
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113	Dr. Archana Mishra	Assistant Professor
114	Dr. Praveen Boddna	Professor
115	Dr. Ria Mukhopadhyay	Assistant Professor
116	Dr. Gagan Kumar	Assistant Professor
117	Ms. Abhinandita Sahoo	Assistant Professor
118	Dr. Praveen Kumar	Assistant Professor
119	Prof.(Dr) V. Narsimha Reddy	Professor
120	Dr. Kalidindi Krishnam Raju	Associate Professor
121	Dr. Hari Ram Kumar Bandi	Assistant Professor
122	Mr. Durgadatta Mehera	Assistant Professor
123	Dr. Niranjan Kumar Chaurasia	Assistant Professor
124	Dr. Sudhanshu Bala Nayak	Assistant Professor
125	Mr. Ajit Kumar Sahu	Assistant Professor
126	Ms. Lipsa Dash	Assistant Professor
127	Mr. Manisankar Bera	Assistant Professor
128	Mr. Chandrasekhar Sahu	Assistant Professor
129	Prof.(Dr) K. Satya Krishna Prasad	Professor cum Dean
130	Dr. Devanand T. N.	Assistant Professor
131	Dr. Sambid Swain	Assistant Professor
132	Dr. Amrutha Gopan	Assistant Professor
133	Mr. Biswajit Mohanty	Assistant Professor
134	Mr. Avijit Biswas	Assistant Professor
135	Ms. Hauzoukim	Assistant Professor
136	Dr. Anita Patra	Professor
137	Dr. Subhendu Kumar Mishra	Associate Professor
138	Dr. Durga Prasad Padhi	Associate Professor

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141	Mr. Kalee Prasanna Patnaik	Assistant Professor
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FDP Co-ordinator