



WEBINAR

on

Bioprocess Techniques & Downstream of Targeted Metabolites

Date: 20th June 2020

Resource Person:

Dr. Dipankar Bhattacharya

Professor, Department of Chemistry

School of Applied Science, CUTM, RAYAGADA

No. of Participants: 220

Mr. Dipankar Bhattacharyay is working as Dean of School of Applied Sciences. He did his PhD on biosensors from Jadavpur University. He did his postdoc at University of Quebec at Chicoutimi, Canada and later joined as research professor there. He has published in many peer reviewed journals with citations above 450, h-index 12 and i-10 index 16. He has a number of patents in his credit including one US patent. He received accession numbers for 10 novel microbial species from NCBI.

About Session:

Biotechnology is a highly interdisciplinary field that combines biological sciences with engineering technologies to manipulate living organisms and biological systems to produce products that advances healthcare, medicine, agriculture, food, pharmaceuticals and environment control. Biotechnology can be classified into two broad categories: R&D in Biological Sciences and Industrial Processes. The biological sciences aspect deals with research and development in areas such as Microbiology, Cell biology, Genetics, Molecular Biology etc. for understanding the occurrence and treatment of diseases, development of agriculture, food production, protection of the environment and many more. Most of the R&D work in biological sciences is carried out in the laboratory. The industrial processes aspect deals with the production of drugs, vaccines, biofuels and pharmaceuticals on an industrial scale using biochemical processes and techniques.

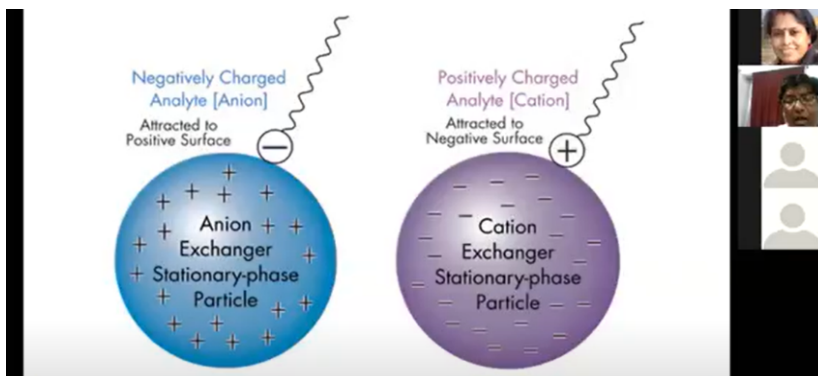
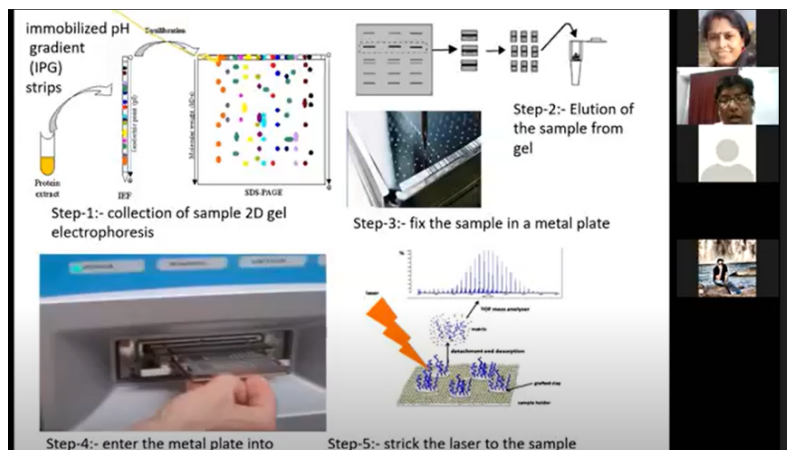
The session started with a briefing on Bioprocess Technology, the process of developing products by taking advantage of natural biological activities. The potential uses of biotechnology laboratory procedures produce only a small number of useful substances. Advances in fermentation, separation, and purification techniques, help in the production of a large number of substances economically viable.

Objectives:

- To get more knowledge on the plant cell metabolites
- To learn the techniques used in the bioprocess technology
- To get more idea on the research carried out in the bioprocess technologies
- To evaluate the kinetics and thermodynamics of the enzymatic process
- To study the stoichiometry and energetics of cell growth and product formation
- To evaluate the kinetics and mechanism of microbial growth

Outcomes:

The ending remarks were given in the session by Dr. Dipankar Bhattacharya. Then the discussion ended with him suggesting some potential uses of biotechnology laboratory procedures that produce only a small number of useful substances.



Screenshot of webinar


Centurion UNIVERSITY



WEBINAR ON

Bioprocess techniques & downstream targeted metabolites

Organized by :

Centurion University of Technology and Management

Resource Person

Dr. Dipankar Bhattacharya
Professor, Department of Chemistry

Date: 20th June 2020

centurion university of technology and management
Shaping Lives... Empowering Communities...

FACULTY LIST

1	Mrs.Namita Panda	Asst.Prof
2	Dr. Jyoti Prakash Rath	Asst.Prof
3	Dr.Shanatanu Bhattacharya	Asst.Prof & HOD, Dept. of Botany
4	Dr.Pratibha Rani Deep	Asst.Prof
5	Mr. Debashish Tripathy	Asst.Prof & HOD, Dept. of Zoology
6	Mr.Pankaj Meher	Asst.Prof
7	Mr.Sujit Kumar Mishra	Asst.Prof
8	Mr.Chinmayee Tripathy	Asst.Prof
9	Swapna nanda Rath	Professor
10	G. N. Inndresha	Professor
11	Firoz Ahmed	Professor
12	Dr.Aditya Kumar Purohit	Asst.Prof
13	Dr.Srikanta Moharana	Asst.Prof
14	Dr.Ashish Kumar Sarangi	Asst.Prof
15	Mr.Rajguru Rajesh Raman Mishra	Asst.Prof
16	Dr.Bhairaba Kumar Majhi	Asst.Prof & HOD, Dept. Of Mathematics
17	Mr.Satyabrata Sadangi	Asst.Prof
18	Dr.Jayakishan Meher	Prof. & HOD, Dept. Of IT & BCA
19	Mrs.Monalisha Joshi	Asst.Prof
20	Ms. Asharani Dalei	Asst. Prof
21	Dr.Nilaya Kumar Mohanty	Asst.Prof & HOD, Dept. Physics
22	Mr.Gyanendra Kumar Mishra	Asst.Prof
23	Mrs.Meena Kumari Sahu	Asst.Prof
24	Mrs.Sasmita Pradhan	Asst.Prof
25	Dr. Prafulla Kumar Sahu	Prof.
26	Mr.Vijaya Kumar Meher	Asst.Prof
27	Mr. Dinesh Kumar Sharma	Asst.Prof
28	Mr.Ashish Kumar Meher	Asst.Prof
29	Mrs.Binapani Barik	Asst.Prof
30	Mr. Biswajeet Acharya	Asst.Prof
31	Mr.Swarnajeet Tripathy	Asst.Prof
32	Dr. Rabindra Nath Pradhan	Assistant Professor
33	Mr. I. Rama Koti	Assistant Professor
34	Dr. Ashok Misra	Professor
35	Dr. Banitamani Mallik	Professor
36	Dr. Balaji Padhy	Assistant Professor
37	Dr. Santosh Kumar Bhal	Assistant Professor
38	Dr. Vijaya Muditana	Associate Professor
39	Dr. Prajna Pani	Professor
40	Dr. Girish Prasad Rath	Assistant Professor
41	Dr. Susanta Kumar Patnaik	Assistant Professor
42	Dr. Amir Prasad Behera	Assistant Professor
43	Dr. Subhendu Kumar Mishra	Associate Professor
44	Mr. Sharmistha Sahu	Assistant Professor
45	Dr.Soma Maji	Assistant Professor
46	Dr. Mayank Singh	Assistant Professor
47	Dr. Satya Prakash Nanda	Professor cum Dean
48	Dr. M. Devender Reddy	Professor cum Dean Acad
49	Mr. Anil Kumar J.	Associate Dean

50	Mr. B. Chakrapani	Professor
51	Dr. Chitrasena Padhy	Assistant Professor
52	Dr. Ajay Kumar Prusty	Assistant Professor
53	Dr. Satarupa Modak	Assistant Professor
54	Dr. Akkammadevi Naik	Assistant Professor
55	Dr. Ashok Kumar	Assistant Professor
56	Dr. M. Chandra Surya Rao	Assistant Professor
57	Dr. Nilanjana Datta	Assistant Professor
58	Dr. Samapika Dalai	Assistant Professor
59	Dr. Anindita Roy	Assistant Professor
60	Dr. Barsha Tripathy	Assistant Professor
61	Dr. Smaranika Mohanta	Assistant Professor
62	Dr. Subhrajyoti Chatterjee	Assistant Professor
63	Dr. Archana Mishra	Assistant Professor
64	Dr. Sunna Deepthi	Assistant Professor
65	Dr. Vangapandu Thriveni	Assistant Professor
66	Dr. M. Viswanath	Assistant Professor
67	Mr. I. Rama Koti	Assistant Professor
68	Dr. Ashok Misra	Professor
69	Dr. Banitamani Mallik	Professor
70	Dr. Balaji Padhy	Assistant Professor
71	Dr. Santosh Kumar Bhal	Assistant Professor
72	Dr. Vijaya Muditana	Associate Professor
73	Dr. Prajna Pani	Professor
74	Dr. Girish Prasad Rath	Assistant Professor
75	Dr. Susanta Kumar Patnaik	Assistant Professor
76	Dr. Amir Prasad Behera	Assistant Professor
77	Dr. Subhendu Kumar Mishra	Associate Professor
78	Mr. Sharmistha Sahu	Assistant Professor
79	Dr.Soma Maji	Assistant Professor
80	Dr. Mayank Singh	Assistant Professor
81	Dr. Satya Prakash Nanda	Professor cum Dean
82	Dr. M. Devender Reddy	Professor cum Dean Acad
83	Mr. Anil Kumar J.	Associate Dean
84	Mr. B. Chakrapani	Professor
85	Dr. Chitrasena Padhy	Assistant Professor
86	Dr. Ajay Kumar Prusty	Assistant Professor
87	Dr. Satarupa Modak	Assistant Professor
88	Dr. Akkammadevi Naik	Assistant Professor
89	Dr. Ashok Kumar	Assistant Professor
90	Dr. M. Chandra Surya Rao	Assistant Professor
91	Dr. Nilanjana Datta	Assistant Professor
92	Dr. Samapika Dalai	Assistant Professor
93	Dr. Anindita Roy	Assistant Professor
94	Dr. Barsha Tripathy	Assistant Professor
95	Dr. Smaranika Mohanta	Assistant Professor
96	Dr. Subhrajyoti Chatterjee	Assistant Professor
97	Dr. Archana Mishra	Assistant Professor
98	Dr. Sunna Deepthi	Assistant Professor
99	Dr. Vangapandu Thriveni	Assistant Professor
100	Dr. M. Viswanath	Assistant Professor


101	Dr. Ajay Kumar Prusty	Assistant Professor
102	Dr. Satarupa Modak	Assistant Professor
103	Dr. Akkammadevi Naik	Assistant Professor
104	Dr. Ashok Kumar	Assistant Professor
105	Dr. M. Chandra Surya Rao	Assistant Professor
106	Dr. Nilanjana Datta	Assistant Professor
107	Dr. Samapika Dalai	Assistant Professor
108	Dr. Anindita Roy	Assistant Professor
109	Dr. Barsha Tripathy	Assistant Professor
110	Dr. Smaranika Mohanta	Assistant Professor
111	Dr. Subhrajyoti Chatterjee	Assistant Professor
112	Dr. Archana Mishra	Assistant Professor
113	Dr. Praveen Boddna	Professor
114	Dr. Ria Mukhopadhyay	Assistant Professor
115	Dr. Gagan Kumar	Assistant Professor
116	Ms. Abhinandita Sahoo	Assistant Professor
117	Dr. Praveen Kumar	Assistant Professor
118	Prof.(Dr) V. Narsimha Reddy	Professor
119	Dr. Kalidindi Krishnam Raju	Associate Professor
120	Dr. Hari Ram Kumar Bandi	Assistant Professor
121	Mr. Durgadatta Mehera	Assistant Professor
122	Dr. Niranjan Kumar Chaurasia	Assistant Professor
123	Dr. Sudhanshu Bala Nayak	Assistant Professor
124	Mr. Ajit Kumar Sahu	Assistant Professor
125	Ms. Lipsa Dash	Assistant Professor
126	Mr. Manisankar Bera	Assistant Professor
127	Mr. Chandrasekhar Sahu	Assistant Professor
128	Prof.(Dr) K. Satya Krishna Prasad	Professor cum Dean
129	Dr. Devanand T. N.	Assistant Professor
130	Dr. Sambid Swain	Assistant Professor
131	Dr. Amrutha Gopan	Assistant Professor
132	Mr. Biswajit Mohanty	Assistant Professor
133	Mr. Avijit Biswas	Assistant Professor
134	Ms. Hauzoukim	Assistant Professor
135	Dr. Anita Patra	Professor
136	Dr. Subhendu Kumar Mishra	Associate Professor
137	Dr. Durga Prasad Padhi	Associate Professor
138	Dr. Parle Kalyan Chakravarty	Assistant Professor
139	Dr. S. Kameswar Rao	Assistant Professor
140	Mr. Kalee Prasanna Patnaik	Assistant Professor
141	Dr. Debi Prasad Satapathy	Assistant Professor
142	Mr. Amit Kumar	Assistant Professor
143	Dr. Prajna Pani	Professor
144	Dr. Susanta Kumar Patnaik	Assistant Professor
145	Dr. Girish Prasad Rath	Assistant Professor
146	Dr. Amir Prasad Behera	Assistant Professor
147	Nandakishore Ray	Asst. Professor
148	Smita Jana	Asst. Professor
149	Jagannath Padhy	Assistant Professor
150	Tofan Kumar Nahak	Assistant Professor
151	Dr. Santosh Kumar Nanda	Assistant Professor

152	Dr. Sivala Kumar	Professor
153	Dr. Gitanjali Behera	Assistant Professor
154	Dr. Shekhar Kumar Sahu	Assistant Professor
155	Dr. Santosh D.T.	Assistant Professor
156	Dr. Mitali Madhumita	Assistant Professor
157	Dr. Ruby Pandey	Assistant Professor
158	Dr. Sonam Sandeep Dash	Assistant Professor
159	Dr. Rajashree Jena	Assistant Professor
160	Dr. Prasanta Kumar Choudhury	Assistant Professor
161	Dr. Bhisma Narayan Rath	Assistant Professor
162	Dr. Satyabrata Nanda	Assistant Professor
163	Dr. Ashish Ranjan Dash	Associate Professor
164	Dr. Trilochan Penthia	Assistant Professor
165	Nanda Kishore Ray	Assistant Professor
166	Mr. Satyanarayan Padhy	Assistant Professor
167	Mr. Rajesh Kumar Misra	Assistant Professor
168	Ms. N. Jeevaratnam	Assistant Professor
169	Dr. Prafulla Kumar Panda	Associate Professor
170	Mr. Vignesh M.	Assistant Professor
171	Dr. Rajib Kumar Majhi	Assistant Professor
172	Dr. P. Srinivasa Rao	Professor
173	Mr. Mir Sadat Ali	Associate Professor
174	Dr. Sujit Mishra	Assistant Professor
175	Dr. Santosh Patro	Assistant Professor
176	Dr. Nagesh Kolagani	Professor
177	Dr. Dhawaleswar Rao CH	Associate Professor
178	Mr. Debendra Maharana	Assistant Professor
179	Mr. Md. Sameen Chishtis	Assistant Professor
180	Mr. Abinas Panda	Assistant Professor
181	Dr. Dillip Rout	Assistant Professor
182	Mr. Anshuman Pattanaik	Assistant Professor
183	Mr. Kirtidev Mohapatra	Asst. Professor
184	Jagannath Padhy	Assistant Professor
185	Tofan Kumar Nahak	Assistant Professor
186	N. Dibakar Choudhury	Assistant Professor
187	Dr. Debi Prasad Satapathy	Assistant Professor
188	Dr. Durga Prasad Padhi	Associate Professor
189	Dr. Kakani Grihalakshmi	Associate Professor
190	Dr. Parle Kalyan Chakravarty	Assistant Professor
191	Dr. S. Kameswar Rao	Assistant Professor
192	Dr. Tapas Bantha	Assistant Professor
193	Dr. Atanu Deb	Associate Professor
194	Dr. B. Narsimha Rao	Professor
195	Dr. Anant Tamang	Assistant Professor
196	Dr. Gouranga Ch. Mishra	Professor
197	Dr. Tanmoy Shankar	Associate Professor
198	Dr. Ashirbachan Mohapatra	Assistant Professor
199	Dr. V. Narsimha Reddy	Professor
200	Dr. K. Krishnam Raju	Associate Professor
201	Dr. K. S. Krishna Prasad	Professor cum Dean
202	Dr. Sambid Swain	Assistant Professor

203	Mr. Avijit Biswas	Assistant Professor
204	Dr. Amrutha Gupan	Assistant Professor
205	Dr. Sagarika Swain	Assistant Professor
206	Dr. Nisha Elizabeth Joshua	Assistant Professor
207	Dr. Srihari M.	Assistant Professor
208	Dr. Shashank Singh	Assistant Professor
209	Dr. Ngairangbam Sushila	Assistant Professor
210	Ms. Aruna Saini	Professor
211	Dr. Rabindra Nath Pradhan	Assistant Professor
212	Mr. I. Rama Koti	Assistant Professor
213	Dr. Ashok Misra	Professor
214	Dr. Banitamani Mallik	Professor
215	Dr. Balaji Padhy	Assistant Professor
216	Dr. Santosh Kumar Bhal	Assistant Professor
217	Dr. Vijaya Muditana	Associate Professor
218	Dr. Prajna Pani	Professor
219	Dr. Girish Prasad Rath	Assistant Professor
220	Dr. Susanta Kumar Patnaik	Assistant Professor



Dr. Prasanta Ku. Mohanty
Dean Academic



Prof. KVD Prakash
Dean - IIE & HRD