

DEPARTMENT OF BIOTECHNOLOGY

Event Title	Scale-up & Scale-down of Microbial Upstream Process		
Resource Person	MS. Vinobiah , Manager Training, Bangalore Biotech Labs Pvt. Ltd. (BiOZEEN), Bengaluru		
Academic year	2023 - 2024	Quarter	I
Program Type (Workshop / Motivation speech / Field Visit / Competition / Others)	others		
Program Theme (IPR / R&D and Innovation / Start-up / Entrepreneurship / Design Thinking / Incubation & Pre - Incubation / others)	others		
Start date & End Date (DD/MM/YYYY)	16-2-2024	16-2-2024	
Duration of the activity (in Mins) & Start Time & End Time	Duration: 2.30 hours	Start Time: 10: 00 AM	End Time: 12:30 PM
Participants	Students: 58	Faculty: 5	External: 1
Mode of session (online / offline)	Offline		
Face book/Twitter/Integra/LinkedIn URL	-		
Event Organizer / Coordinator Faculty Name / Department / Designation	Dr.L.Nagarajan Associate Professor		
Target Participants	III Year and IV year Biotechnology , III-Pharmaceutical Engineering		
Outcome	Technical Awareness –Students able to understand the basic of fermentation process, types of reactors, process involved etc.,		
Expenditure Amount, If any	Nil		

Approval Form

**AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY
VINAYAKA MISSIONS SEARCH FOUNDATION**

APPROVAL FORM FOR GUEST LECTURE / SEMINAR / INDUSTRIAL VISIT

SEMESTER: EVEN

ACADEMIC YEAR : 2023-2024

DATE: 29/1 /2024

DEPT : BIOTECHNOLOGY

S. No	Tentative date	Topic/Company	Whether the topic/visit relevant to current semester course if yes Subject code/Name	Name of the Resource person/company with address & phone number	Faculty Coordinator(s)	Transportation	Budget	Outcome	Justifications by HoD
1	16-2-2024	Expert talk on "Scale-up & Scale-down of Microbial Upstream Process"	Yes (Bioprocess Engineering Theory and Practical's) 38121C08	MS. Vinobiah , Manager Training, Bangalore Biotech Labs Pvt. Ltd. (BIOZEEN), Bengaluru vinobiah1984@gmail.com	Dr.L.Nagarajan Associate Professor Department of Biotechnology AVIT	--	6000	The students will be able to understand basics of Fermentation process, Reactors used, bioprocess techniques and its various application in industry	This talk will give vision to students on upstream and downstream process take place in Industry.

(Signature)
Signature

COORDINATOR

(Signature)
HOD
20/1/2024

(Dr. ANIRMANA)

(Signature)
11/2/24
Recommended / Not Recommended by

VICE PRINCIPAL (ACADEMICS)

(Signature)
Approved by

PRINCIPAL



Cordially invites you all for the expert talk on

Scale up & scale down of Microbial Upstream Process

Resource Person

MS. Vinobiah
Manager Training,
Bangalore Biotech Labs Pvt. Ltd. (BIOZEEN)
Bengaluru



16th February 2024



11.30 a.m

Venue : Digital Classroom



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Organized by
Department of Biotechnology, AVIT

Key Topics Discussed:

- **Bioprocess Engineering:** Professionals in this role emphasize the study of cellular processes. Students can apply engineering principles to design devices, systems and products that benefit various industries.
- **Scale up of Downstream processing:** Separation science continues to occupy the central position in the overall strategy for the downstream processing and purification of therapeutic protein products for human use. Increasing product titers from mammalian cell culture and new emerging classes of biopharmaceuticals has presented a challenge to the industry to identify ways of improving the robustness and economics of chromatography processes. In commercial manufacturing, there is always a need to increase the scale of the chromatography operations which are typically developed and optimized in small-scale laboratory experiments.

This expert talk was comprehensive and informative event that provided valuable insights into the field of Bioprocess Engineering and downstream processing. The discussions and presentations highlighted its importance in driving innovation, addressing societal challenges, and creating newer opportunities. The expert talk concluded with an emphasis on the potential career opportunities for the students and the need for continuous learning and networking in this field. The session ended successfully with vote of thanks by A.Sasikala, Assistant Professor (Gr-II), Department of Biotechnology, AVIT.





Participant List

Sl.No	Reg. No.	Name of the Students
1.	3812210501	Ajith S
2.	3812210502	Allampati Lahari
3.	3812210503	Amit Kumar
4.	3812210504	Andrea Jessica K
5.	3812210505	Ashish Kumar
6.	3812210506	Babita Kumari
7.	3812210507	Binod Kumar
8.	3812210508	Bipin Kumar
9.	3812210509	D Kaviya
10.	3812210510	Dhanusri V
11.	3812210511	Gunjan Kumar
12.	3812210512	Jannat Parween
13.	3812210513	K Karan Kumar
14.	3812210514	Kalasani Ganga Raju
15.	3812210515	Khushbu Parween
16.	3812210516	Krishan Kumar
17.	3812210517	Logeshwaran V
18.	3812210518	Mahalakshmi B
19.	3812210519	Majjari Uday Kesav
20.	3812210522	Ritu Raj
21.	3812210523	Shaik Azeez Ur Rehman
22.	3812210525	Shaik Usman
23.	3812210527	Surya R
24.	3812210528	Thambi Prasanna
25.	3812210530	Vaishnavi S
26.	3812110502	Amit Kumar
27.	3812110503	Deepavani S
28.	3812110504	Hritika Kumari
29.	3812110505	Khot Rahul Nitin
30.	3812110506	Kishore W
31.	3812110507	Kowsalya G
32.	3812110508	Manshi Raj
33.	3812110509	Nishal Kumar Dubey
34.	3812110511	Raushan Kumar
35.	3812110514	Sasidharan A



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**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of HRD Initiative)

36	3812110515	Sharmila N
37	3812013517	Ramarasu S
38	3812253501	P Naga Bharat
39	3812010504	Chandrashekhar Kumar
40	3812010505	Deenan T
41	3812010506	Deepak Kumar J
42	3812010507	Guljar Alam
43	3812010508	Hemalatha M
44	3812010510	Krishna Kumar Mahtha
45	3812010511	Machiyile Pame
46	3812010512	Nawazish Ekwal
47	3812010514	Phoolbabu Kumar
48	3812010515	Praveena.B
49	3812010516	Rakesh Ram
50	3812010518	Ranjith.K
51	3812010520	Rishi Kumar
52	3812010522	Sintu Kumar Ray
53	3812010523	Sumit Kumar
54	3812010524	Suraj Kumar S
55	3812063503	Gajalkshmi U
56	3811916508	Iniyavan V
57	3811916509	Manohar Kumar
58	3812357501	Shobana

