



**Shiv Chhatrapati Shikshan Sanstha's
Rajarshi Shahu Mahavidyalaya (Autonomous), Latur
Department of Biotechnology and Food Processing Technology
A) Summary Report**

1) Title of Programme:		A Lecture Series on Nobel Laureate Lecture No :- 06 Francois Jacob, Andre Lwoff and Jacques Monod.		
2) Name of Organizing Department/Unit:		Biotechnology		
3) Name of the Coordinator(s)/ Convener(s)/ Organizer(s) of the Programme:		Chair Person- Dr. M. H. Gavhane Vice-Principal- Dr. A. J. Raju Vice-Principal- Prof. S.N. Shinde Head Dr. S. S. Kulkarni		
4) Date(s) of the Programme:		10 th December 2021		
5) Venue:		Online (ZOOM Platform)		
6) Target Group:		UG		
7) Number of Participants:		Male	Female	Total
A separate list with signatures be maintained in the department/Unit)	Teaching	00	00	00
	Non-Teaching	00	00	00
	Students	36	41	77
8) Name(s) and details of Resource Person(s), if any:		Mr. S. D. Kadam Assistant Professor, Department Of Biotechnology RSML		
9) Total Expenditure for the Programme:		Nil		
10) Source of Funding:		Not Applicable		

B) Report

- i. **Title:** A Lecture series Nobel Laureates
Lecture 06: Francois Jacob, Andre Lwoff and Jacques Monod.
- ii. **Introduction:** -

The guest lecture on Nobel laureate series aims to stimulate innovation and creative thinking, bringing together Nobel Laureates, other experts and lifelong learners in the department of biotechnology. This unique programme combines series of lecture conducted for various classes by the experts from department. In this series guest speaker share achievements and stories of Nobel Laureates with students from UG and PG classes. Nobel programme inspires engagement in science, literature and peace in line with Alfred Nobel's vision.

iii. **Objective of Seminar**

- To create awareness about Nobel laureate Lifesciences.
- To motivate and orient student towards research in Lifesciences.
- To provide a platform where student can understand achievements and stories of Nobel Laureates.

iv. **Details of Participants**

77 Students (Male 36 and Female 41) attended the seminar.

v. **Brief Summary of Events/Session**

Department of Biotechnology conducted guest lecture series of Nobel Lectures. **Mr. S. D. Kadam** conducted a lecture on concept called 'operon model'. **Jacques Lucien Monod** (February 9, 1910 – May 31, 1976) was a French biochemist who won the Nobel Prize in Physiology or Medicine in 1965, sharing it with François Jacob and André Lwoff "for their discoveries concerning genetic control of enzyme and virus synthesis" Mr. S. D. Kadam shared story of Monod and Jacob and their work on the *E. coli lac operon*, which encodes proteins necessary for the transport and breakdown of the sugar lactose (lac). Total 77 students were present for this program. Operon concept is one of the most important concepts for all types of examination and research study as model. This type of lectures really helping student to understand and know more Nobel scientist.

vi. **Conclusion, with feedback on the Lecture**

The guest lecture on Nobel Laureate will be benefitted to all the student participants who are interested in doing research in applied sciences as it is widely accepted model system in life sciences. The participants cleared their doubts and queries regarding the operon model and its application.

vii. **Any Appendix if Necessary**

List of participants attached

Date: - 11/12/2021


HOD
Head

Department of Biotechnology
Rajarshi Shahu Mahavidyalaya,
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Principal
PRINCIPAL
Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)

C) Geotagged Photograph/Screenshots

Discovery

Francois Jacob and Jacques Monod (Pasteur Institute, Paris, France)

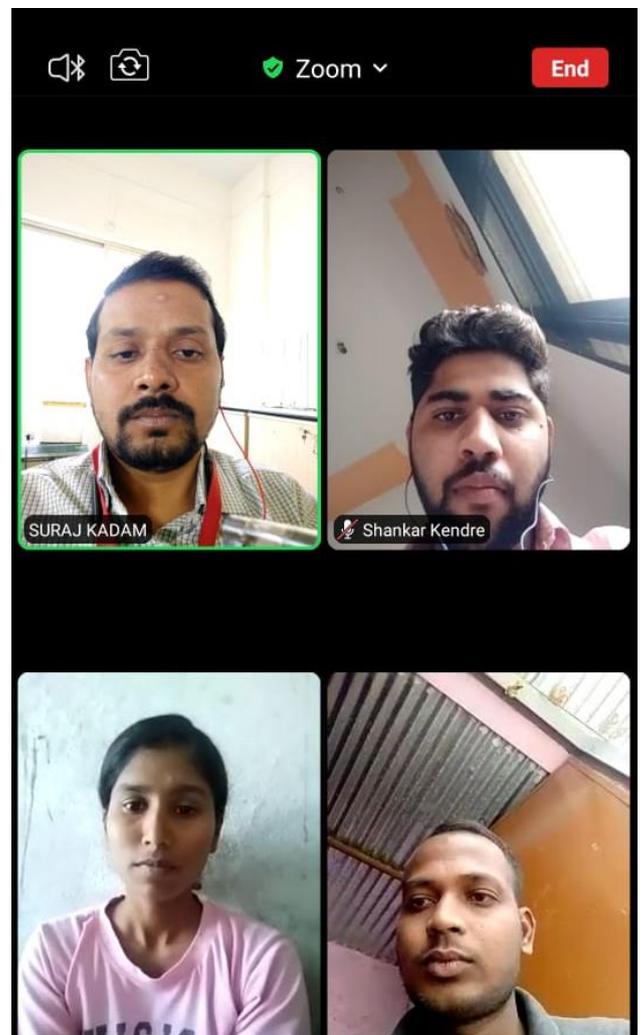
- Studied the organization and control of the *lac* operon in *E. coli*.
- Awarded the Nobel Prize in Physiology and Medicine 1965.



Francois Jacob



Jacques Monod



Resource Person Prof. S. D. Kadam, Assistant Professor, Department of Biotechnology, Rajarshi Shahu Mahavidyalaya (Autonomous), Latur, explaining Contribution of Nobel Laureate François Jacob, André Lwoff and Jacques Monod.

D) Brochure of the Seminar

**Rajarshi Shahu Mahavidyalaya (Autonomous), Latur
Department of Biotechnology and Food Processing technology**

•A Lecture series on Nobel Lauréat

Lecture No :- 06

François Jacob, André Lwoff and Jacques Monod.



Chief Organizer:
Dr. Mahadev Gavhane (Principal)
: Joint-Organizer(s):
Prof. S. N. Shinde (Vice-Principal)
HOD
Dr.S.S.Kulkarni

Resource Person
Mr.S.D.Kadam
Assistant Professor
R.S.M.Latur

Date:- 10/12/2021


HOD

Head

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Principal
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