



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

1) Title of Programme:		A Lecture Series on Nobel Laureates Lecture 01: Frederick Sanger		
2) Name of Organizing Department/Unit:		Biotechnology		
3) Name of the Coordinator(s)/ Convener(s)/ Organizer(s) of the Programme:		Chief-Organizer : Dr. Mahadev Gavhane Joint-Chief Organizer: Prof. S. N. Shinde Head: Dr. S. S. Kulkarni		
4) Date(s) of the Programme:		02 August 2021		
5) Venue/ Mode:		Online (ZOOM Platform)		
6) Target Group:		UG Students		
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	31	40	71
8) Name(s) and details of Resource Person(s), if any:		Dr. Sachin S. Kulkarni, Head, Department of Biotechnology, Rajarshi Shahu Mahavidyalaya (Autonomous), Latur		
9) Total Expenditure for the Programme:		NIL		
10) Source of Funding:		Not Applicable		

B) Report

i. Title: A Lecture Series on Nobel Laureates

Lecture 01: Frederick Sanger

ii. Introduction: -

A person or organisation awarded the Nobel Prize is called Nobel Prize laureate. The word “laureate” refers to being signified by the laurel wreath. The Nobel Prizes are widely regarded as the most prestigious awards given for intellectual achievement in the world. Nobel Prizes are awarded annually from a fund bequeathed for that purpose by the Swedish inventor and industrialist Alfred Nobel.

The aim of organizing A Lecture Series on Nobel Laureates is to motivate students and faculty to pursue excellence, increase researcher morale, and provide students with unique and valuable feedback on their work. In this series first lecture was delivered on contribution of Nobel Laureate Frederick Sanger in Department of Biotechnology on 02.08.2021.

The Nobel laureate lecture series was initiated with the first lecture on the contributions of scientist Frederick Sanger who was born in the small village of Rendcomb, England. His father was a doctor. After having converted to quakerism he brought up his sons as quakers. Frederick Sanger studied and received his PhD at the University of Cambridge in 1943. He remained in Cambridge for the rest of his career. Frederick Sanger was married with three children.

iii. Objectives of Lecture Series on Nobel Laureates: -

- i. To introduce and made familiar students with Nobel Laureate in Life Science.
- ii. To increase researcher morale
- iii. To provide students with unique and valuable feedback on their work

iv. Details of Participants

71 participants (31 Male and 40 female) attended the Programme.

v. Brief Summary of Events / Session: -

Dr. Sachin S. Kulkarni, Head, Department of Biotechnology, Rajarshi Shahu Mahavidyalaya (Autonomous), Latur conducted a lecture on "Noble Laureate: Frederick Sanger.

In the given lecture the details of contributions made by Frederick Sanger were covered for which he has been awarded with Nobel price. The briefs of his contribution includes sequencing of protein molecules in relation with understanding the sequence of protein and to understand its function. Proteins, which are molecules made up of chains of amino acids, play a pivotal role in life processes in our cells. One important protein is insulin, a hormone that regulates sugar content in blood. Beginning in the 1940s, Frederick Sanger studied the composition of the insulin molecule. He used acids to break the molecule into smaller parts, which were separated from one another with the help of electrophoresis and chromatography. Further analyses determined the amino acid sequences in the molecule's two chains, and in 1955 Sanger identified how the chains are linked together.

vi. Conclusion, with feedback on the Lecture: -

A Lecture series on Nobel Laureate covered the contribution of renowned scientist which benefited the students in life sciences and helped the students to pursue excellence, increase researcher morale and provide unique and valuable feedback on their work.

vii. Appendix: List of Participants.

Date: - 03/08/2021.



**HOD
Head**

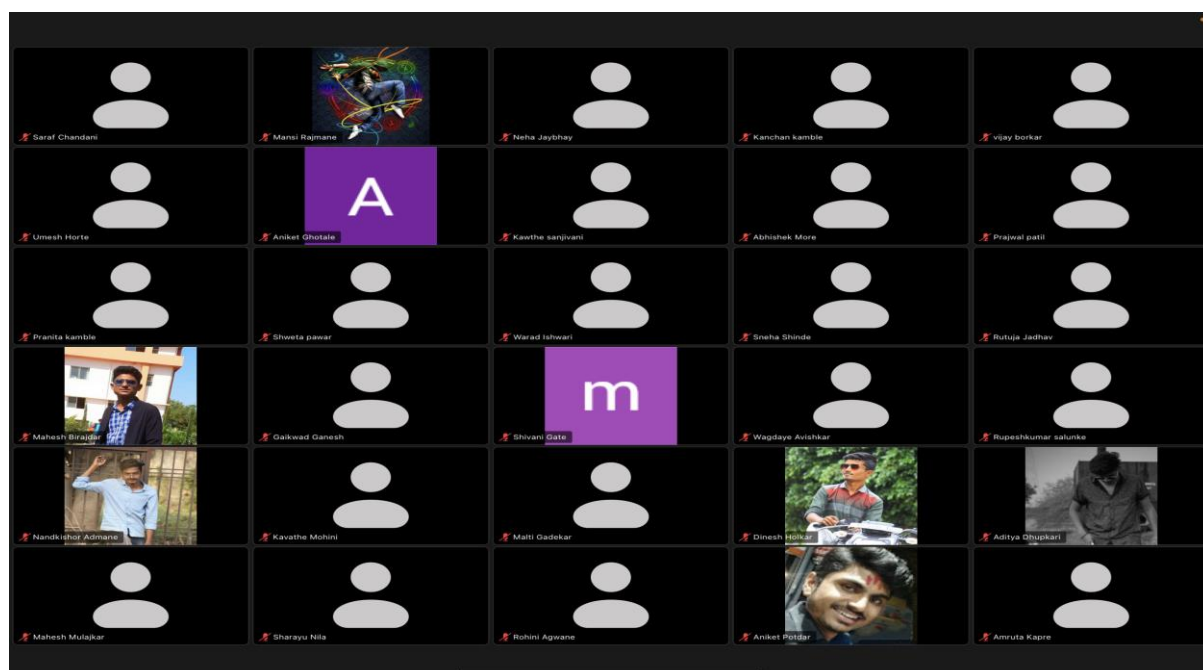
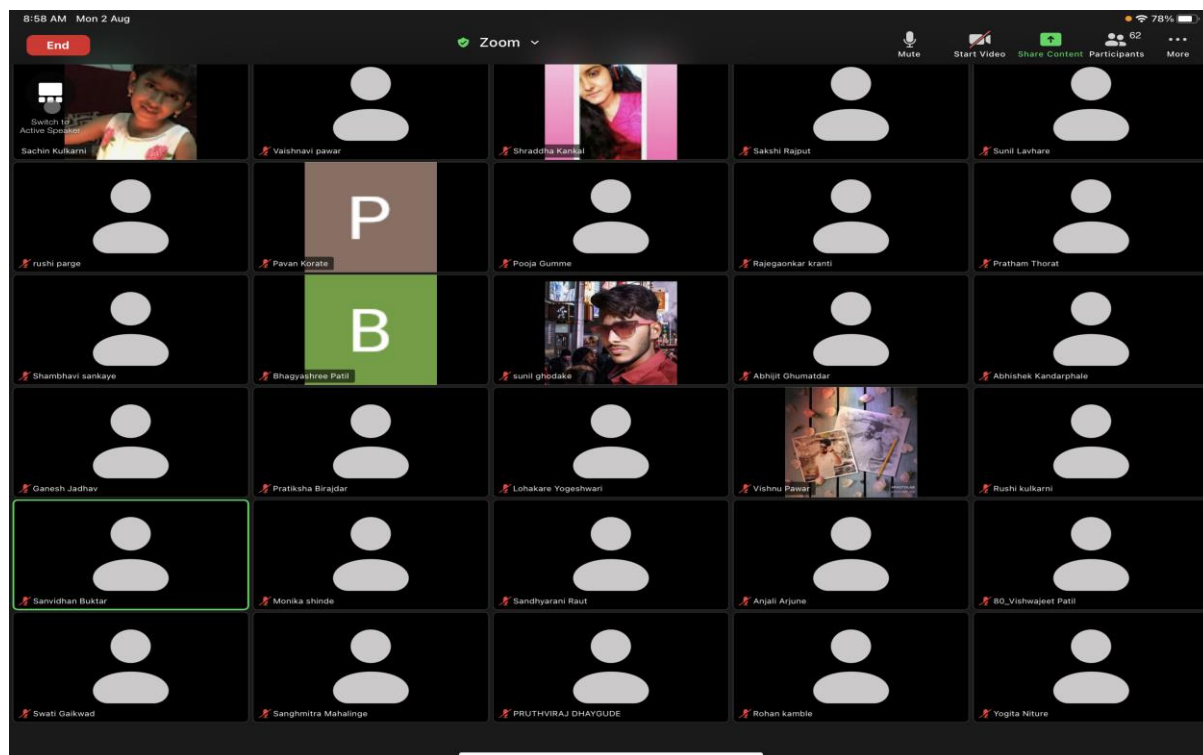
Department of Biotechnology
Rajarshi Shahu Mahavidyalaya
(Autonomous) Latur-413 C.



**Principal
PRINCIPAL**

Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)

C) Geotagged Photographs / Screenshot: -



Resource Person Dr S. S. Kulkarni, Assistant Professor, Department of Biotechnology, Rajarshi Shahu Mahavidyalaya (Autonomous), Latur, explaining Contribution of Nobel Laureate Frederick Sanger.

D) Brochure of the Lecture Series on Nobel Laureates: -

Shiv Chhatrapati Shikshan Sanstha
Rajarshi Shahu Mahavidyalaya (Autonomous), Latur
Department of Biotechnology &
Food Processing Technology

A Lecture Series on Nobel Laureate

Lecture 01: Frederick Sanger

Dr. M. H. Gavhane
Chief Organizer
Rajarshi Shahu Mahavidyalaya
(Autonomous), Latur

Prof. S. N. Shinde
Joint-Chief Organizer
Rajarshi Shahu Mahavidyalaya
(Autonomous), Latur

SPEAKER

Dr. S. S. Kulkarni
HOD of Biotechnology &
Food Processing Technology
Rajarshi Shahu Mahavidyalaya
(Autonomous), Latur

Venue:
Online Platform
Zoom

2nd August 2021

Time: 11:00 AM


**HOD
Head**
Department of Biotechnology
Rajarshi Shahu Mahavidyalaya
(Autonomous) Latur-413 531




**Principal
PRINCIPAL**
Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)