



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

**A) Summary Report**

1) Title of Programme:		A Lecture Series on Nobel Laureates Lecture 04 : Sir Alexander Flemming		
2) Name of Organizing Department/Unit:		Department of Biotechnology		
3) Name of the Coordinator(s)/ Convener(s)/ Organizer(s) of the Programme:		<b>Chairperson:</b> Dr Mahadev Gavhane (Principal) <b>Chief Organizer:</b> Dr. A. J. Raju (Vice-Principal) Prof Sadashiv Shinde (Vice Principal), <b>Head:</b> Dr. S. S. Kulkarni:		
4) Date(s) of the Programme:		27 <sup>th</sup> September 2021		
5) Venue/Mode		Online (ZOOM platform)		
6) Target Group:		UG Students (B. Sc. III year 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	43	22	65
8) Name(s) and details of Resource Person(s), if any:		Dr. R. B. Ade Assistant Professor, 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 04 : Nobel Prize in Antibiotics Discovery : Sir Alexander Flemming

### **ii. Introduction**

A Person or organisation awarded the Nobel Prize Is called Nobel Prize lauréate. The Word “lauréate” refers to being signified by the laurel wreath. The Nobel Prizes are widely regarded as the most prestigious Awards given for intellectual achèvement in the world. Nobel Prizes are awarded annually from a fund b for that purpose by the Swedish inventor and industrialist Alfred Nobel. The Aim of organizing A Lecture Series on Nobel Lauréates 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 second lecture was delivered on contribution of Nobel Lauréate Sir Alexander Fleming by Dr. R. B. Ade. Discovery of penicillin is the pioneering and revolutionary incidence in the field of medical science as people were facing the infections and diseases due to various pathogens and increasing infections during the surgical operations. There was no drug or therapy to control the bacterial infections. During this difficult period number of countries have been shifted their research towards the effective strategy to control the infections and causative agents, in that context discovery of penicillin has provided and open the ample of opportunities in the field of medicine to control the infectious agents, treat the diseases and maintain the health status.

### **iii. Objectives of Lecture Series on Nobel Lauréates: -**

- To introduce and made familier students with Nobel Lauréates in Life Science.
- To pursue excellence
- To increase researcher morale
- To provide students with unique and valuable feedback on their work

### **iv. Detail of Participants**

65 paricipant (43 Male and 22 Female) attended the lecture.

#### v. Brief summary of event/session

Dr. R. B. Ade Assistant Professor, Département of Biotechnology, Rajarshi Shahu Mahavidyalaya (Autonomous), Latur conducted a lecture on "Noble Laureate : Sir Alexander Fleming. In this lecture Dr. Ade has focused on the incidence and series of events about the discovery of Antibiotics. He has stressed on the need of antibiotic's discovery and their revolutionary impact for the betterment of mankind. He also been focused on the relevance of the discovery and the World War II and its utility for the restoration of the human health, He addressed in detail the contribution of Sir Alexander Fleming who received the Nobel Prize in Physiology in Medicine in 1945 for Discovery of the curative effects of penicillin on infections.

#### vi. Conclusion with feedback on the Programme

This guest lecture helped the students to get vital information about journey of discovery of penicillin. In future students will be able to apply the methodology related with new antimicrobial molecules and antibiotics therapy in their projects.

#### vii. Appendix: List of participants.

Date: 28.09.2021

  
**HOD**  
Head

Department of Biotechnology  
Rajarshi Shahu Mahavidyalaya  
(Autonomous) Latur-413 52




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

### C) Geotagged Photographs/ Screenshot:

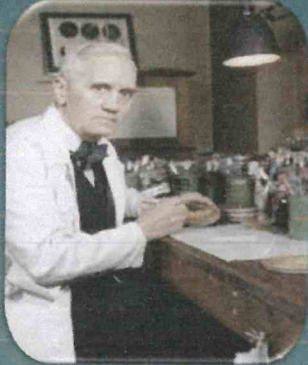


Resource Person Dr.R. B. Ade, Assistant Professor, Department of Biotechnology, Rajarshi Shahu Mahavidyalaya (Autonomous), Latur, explaining Contribution of Nobel Laureate Sir Alexander Fleming.

**D) Brochure**



Shiv Chhatrapati Shikshan Santha's  
Rajarshi Shahu Mahavidyalaya (Autonomous), Latur  
Department of Biotechnology



Chair person:  
**Dr. M. H. Gavhane**  
Principal

Chief Organizer:  
**Prof. S. N. Shinde**  
Vice Principal

Head  
**Dr. S. S. Kulkarni**

Resource Person:  
**Dr. R. B. Ade**  
Assistant Professor  
RSML

**A LECTURE SERIES ON NOBEL LAUREATES**

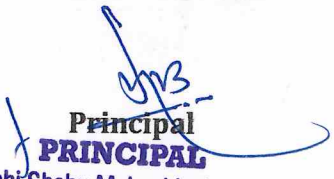
**LECTURE 04: NOBEL PRIZE IN ANTIBIOTIC'S DISCOVERY:  
SIR ALEXANDER FLEMING**

Date: 27<sup>th</sup> September 2021. Venue: Online (ZOOM Platform)

  
**HOD**  
**Head**

Department of Biotechnology  
Rajarshi Shahu Mahavidyalaya  
(Autonomous) Latur-413 501



  
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**PRINCIPAL**  
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