Shiv Chhatrapati Shikshan Sanstha's

Rajarshi Shahu Mahavidyalaya, Latur

(Autonomous)

Department of Biotechnology

A) Summary

1) Title of Programme:		A Lecture Series on Nobel Laureate		
2) Name of Organizing Department/Unit:		Department of Biotechnology		
3) Name of the Coordinator(s)/ Convener(s)/ Organizer(s) of the Programme:		**Principal:** Dr. Mahadev Gavhane **Vice- Principal:** Prof. S. N. Shinde **Head:** Dr. S. S. Kulkarni		
4) Date(s) of the Programme:		28th January 2025		
5) Venue/ Mode:		Department of Biotechnology		
6) Target Group:		B.Sc. BT III and M.Sc. BT II 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	17	20	37
8) Name(s) and details of Resource Person(s), if any:		Miss. Shirisha Hundekar, Asst. Prof., Dept. of Biotechnology, Rajarshi Shahu Mahavidyalaya, Latur (Autonomous).		
9) Total Expenditure for the Programme:		Nil		
10) Source of Funding:		Not applicable		

B) Report

I. Title: A Lecture Series on Nobel Laureate

II. Introduction

The biochemist Har Gobind Khorana is renowned for his significant contributions to genetics and molecular biology. His findings have had a significant influence on the domains of genetics, biotechnology, and medicine, especially in the area of interpreting the genetic code. The biology department at Rajarshi Shahu Mahavidyalaya hosted a lecture on Har Gobind Khorana's life and scientific contributions in order to commemorate his legacy and motivate students. The purpose of the talk was to inform students about Khorana's groundbreaking work and to encourage upcoming scientists to pursue similar studies. Ms. S.G. Hundekar, assistant professor in the biotechnology department, served as the lecture's resource. Khorana's groundbreaking study and its significance in contemporary science were emphasised during the discussion. To further encourage the sharing of ideas and knowledge among the academic community, the speech also motivated the staff and students to establish a Vachan Katta, a special reading area and forum for scientific conversations.

III. Objectives of the Programme/issues addressed

- To familiarize students with the life and achievements of Har Gobind Khorana.
- To explore Khorana's research on the genetic code and its lasting impact on genetics, biotechnology, and medicine.
- To inspire students to pursue careers in molecular biology and related scientific fields.
- To encourage the formation of an academic environment conducive to continuous learning and research, as demonstrated by the creation of the Vachan Katta for reading and discussion.

IV. Details of the participants

Students (17 male and 20 female) 37 attended the Programme.

V. Brief summary of the programme/session

The lecture began with an introduction to Har Gobind Khorana's early life, his educational journey, and the challenges he faced in establishing his career. Ms. S.G. Hundekar, the resource person, explained Khorana's pioneering research on the genetic code and how his work led to the discovery of how sequences of nucleotides in DNA and RNA translate into proteins. She emphasized the revolutionary nature of Khorana's work, which not only advanced scientific understanding but also laid the groundwork for the development of biotechnology. Ms. Hundekar also discussed Khorana's work on synthetic genes, which has had far-reaching applications in fields such as gene therapy, medical research, and biotechnology. Her detailed explanation of how Khorana's discoveries shaped modern genetics inspired students to explore the potential of genetics in solving global challenges. The lecture concluded with the announcement of the creation of a Vachan Katta- a space for students and faculty to engage in reading, scientific discussions, and collaborative learning, inspired by the values of scientific curiosity and continuous learning exemplified by Khorana.

V. Conclusion, with feedback on the programme: -

The lecture on Har Gobind Khorana was a thought-provoking and inspiring event for all participants. Ms. S.G. Hundekar's insightful presentation provided a comprehensive overview of Khorana's life and his significant contributions to molecular biology. The session left the students with a sense of admiration for Khorana's resilience and scientific innovation. The establishment of the Vachan Katta as a result of this event was met with enthusiastic support. Students expressed excitement about having a dedicated space for learning, reading, and sharing ideas on scientific topics. Faculty members noted that this initiative would help foster a culture of continuous academic growth and collaboration.

VI. Appendix: - List of participants.

Date: 29/01/2025

HoD
Head
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Rajarshi Shahu Mahavidyalaya, Latur (Autonomous)

Principal
PRINCIPAL
Rajarshi Shahu Mahavidyalaya,Latur
(Autonomous)

C) Geotagged Photographs/Screenshots

Inspired by the Nobel Laureate lecture series, students initiated Vachan Katta to foster reading and thoughtful discussions.

Ms. S. G. Hundekar engages the students with a compelling and insightful lecture.

D) Brochure of the Program

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Department of Biotechnology

Student Orientation Programme on Music and Meditation

Date : 17/02/2025

Sr. No	Name of the Student	Class	Gender	Sign
1	Ruchita G. Bolegave	BSc.BT III	F	Ruchita
2	Khot Sopan Kishan	M.Sc. IYE	M	Sopan
3	Naikwade Keshav Netaji	-11-	M	Keshav
4	Kousik Nisha Ankush	-11-	F	Nisha.
5	Malkude Omkar M.	-11-	M	Omkar
6	Kathari Siddhant S.	BSc.B.T.II	M	Siddhant
7	Suhas Mhetre	BSc.bt.II	M	Suhas.
8	Mendhekar ritesh	bsc.bt IInd	M	Ritesh
9	Rushikesh Vinod Shinde	bsc bt IIIyr	M	Rushikesh
10	Reddi Avinash Narsing	bsc BT II	M	Reddy
11	Kadam omkar ramdas	bsc. IInd yr	M	omkar
12	Surwase Pranali Shrianand	-11-	F	Surwase
13	Supekar Sakshi Balaji	-11-	F	Sakshi
14	Badad Pranita Balasaheb	-11-	F	Pranita
15	Jagtap omkar mahadev	-11-	M	Omkar
16	Kadam Indrajit Mahadev	-11-	M	Kadam
17	Keshav Sanjay wamgade	-11-	M	Keshav
18	Madhav Mhetre	-11-	M	Madhav
19	Sayyed Muskan Salim	-11-	F	Muskan
20	Shaikh Afjiya Gaufeb	-11-	F	Afjiya
21	Shaikh Shaista Ahmad	-11-	F	Shaista
22	Sayyed Nabiha Ansar	-11-	F	Nabiha.
23	Shinde Dipali Shivaji	-11-	F	Dipali
24	Natu Sujata Ramkrushna	-11-	F	N.Sujata
25	Phad Dipali Hanumant	-11	F	Phad.

Sr. No	Name of the Student	Class	Gender	Sign
26	Narwane Snehal Sanjay	-11-	F	Snehal
27	Sammrudhi bhise	-11-	f	Sammrudhi
28	Kale Pratik	-11-	M	Pkale
29	Istapale Hanmant	-11-	M	Hant
30	Patil vishwajit	2	M	Vpat
31	Garad Pooja Rajendra	11	F	Pooja
32	Bhosale Pankaj Balbhim	11	M	Pankaj.
33	Done Rutuja Ramkrushan	-11-	f	Rdone.
34	Thombre Suraj Sujit	BSC 1st	M	Suraj
35	Andane Vishakha Anna	-11-	F	Vandane.
36	Bulbule Sakshi Dagadu	-11-	F	Sakshi
37	Gundile Pratiksha Haridas	-11-	f	Pgundile
38	Aditya Sunil Patil	-11-	M	Aditya
39	Nimale Sanvi Ayad.	BSC III	F	Sanvi.
40	Rutuja D. Kasle	11	F	Rutuja
41	Nikita Ashok Tenkale	M.Sc. I	f	Nikita
42	Nikita Nagnath More	-11-	F	Nikita
43	More Shraddha Maruti	-11-	F	Shraddha
44	Bote Sneha Ramakant	BSc.BT III	F	Sneha
45	Gaikwad Nilita Shivkumar	SBCBT	F	Nilita
46	Ganiya Habib Jafari	BSC BT I	F	Ganiya
47	Alka Shukla	BSc BOT III	F	Alka.
48	Shaikh Misbah	BSC BT 1st	F	Misbah
49	Waghmare Samruddhi	BSc. BT II	F	SAMRUDDHI
50	Shaikh Roshnara	-11-	F	Roshnara
51	Shaikh Azarashirin	-11-	f	Azara
52	Sumaccanshi priti	-11-	F	Priti.
53	Shaikh Aman Balan	-11-	M	Aman
54	Shaikh Zuber Sayyazoddin	-11-	M	Zuber
55	Shaikh Jitain Murtuza	-11-	M	Jitain
56	Reddy Omkar Shyamrao	BSC BT III	M	Reddy
57				
58				

Head
Department of Biotechnology
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