



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

**Department of Biotechnology**

**A) Summary Report**

1) Title of Programme:		<b>A Lecture series on Nobel Laureates</b> Lecture 10: James Watson, Francis Crick and Maurice Wilkins		
2) Name of Organizing Department/Unit:		Department of Biotechnology		
3) Name of the Coordinator(s)/ Convener(s)/ Organizer(s) of the Programme:		<b>Chair Person:</b> Dr. Mahadev Gavhane <b>Joint-Organizer:</b> Dr. A. J. Raju Prof. S. N. Shinde <b>Head:</b> Dr. S. S. Kulkarni		
4) Date(s) of the Programme:		15 <sup>th</sup> February 2022		
5) Venue/ Mode:		Department of Biotechnology, RSML		
6) Target Group:		M. Sc. Biotechnology I yr.		
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	18	34	52
	Total	18	34	52
8) Name(s) and details of Resource Person(s), if any:		Ms. S. R. Surwase, 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 10: James Watson, Francis Crick and Maurice Wilkins.

### **ii. Introduction**

The lecture has been organized on February 15, 2022 on "Nobel Laureate: James Watson, Francis Crick and Maurice Wilkins." The Nobel Prize in Physiology or Medicine 1962 was awarded jointly to Francis Harry Compton Crick, James Dewey Watson and Maurice Hugh Frederick Wilkins "for their discoveries concerning the molecular structure of nucleic acids and its significance for information transfer in living material."

### **iii. Objectives of the Programme/ issues addressed**

- To make students aware of the work done by Watson and Crick.
- To give information about discovery of structure of Nucleic acid.
- To make the students to understand the structural details of DNA, Base composition and replication mechanism in detail.
- To motivate students towards research.

### **iv. Details of Participants**

52 participants (18 Male and 34 female) participants attended the Programme.

### **v. Brief Summary of Events/ Sessions**

Ms. Shilpa R Surwase discussed regarding the work done by Watson and Crick. The structural details of the DNA were also discussed with the student participants. The Information about the Nobel Prize, its history was given to students. The detailed structure of DNA and its mechanism of replication were discussed. The various analytical techniques used for discovery of Nucleic Acid structure and information about the methods used for analysis were also given to students.


### **vi. Conclusion, with Feedback on the Programme**

To motivate students towards research, it is essential to keep an idol in front of them. Hence, during this lecture Ms. Shilpa Surwase had talked about three of the best scientists and Nobel Laureates James Watson, Francis Crick and Maurice Wilkins who received Nobel in Physiology in the year of 1962, exactly 10 years after their milestone discovery of Double helical structure of DNA. She had

elaborated the research journey of the researchers and given brief idea of their discoveries. Very optimistic response was received from students and they found motivated towards research in life sciences.

**vii. List of Participants**

**Date: 16.02.2022**

  
**HOD**  
**Head**  
Department of Biotechnology  
Rajarshi Shahu Mahavidyalaya  
(Autonomous) Latur-413 53



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

### C) Geotagged Photographs :



Resource Person Ms.S.R.Surwase explaining the contribution of Nobel Laureates James Watson, Francis Crick and Maurice Wilkins.



Student Participants attending the lecture on Nobel Laureates James Watson, Francis Crick and Maurice Wilkins.



Student Participants attending the lecture on Nobel Laureates James Watson, Francis Crick and Maurice Wilkins.

## D) Brochure of the Program:



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



**James Watson, Francis Crick and Maurice Wilkins**

Date:15/02/2022

Time:3:00 PM

**"A Lecture Series on Nobel Laureates"**

**Lecture 10: James Watson, Francis Crick and Maurice Wilkins**

**Chair Person**

Dr. Mahadev Gavhane

Principal

**Joint Organizer**

Prof. S. N. Shinde

Vice-Principal

**Head**

Dr. S. S. Kulkarni

**Resource Person**

Ms. S. R. Surwase




**Rajarshi Shahu Mahavidyalaya (Autonomous), LaturA**  
**Lecture Series on Nobel Laureates**  
**Lecture 10: James Watson, Francis Crick and Maurice Wilkins**

**List of Participants**


Sr.no	Name of the Participants	Gender	Designation	Signature
1.	Adude Saurabh Sanjay	Male	Student	<u>Saurabh</u>
2.	Gaikwad Suraj Ram	Male	Student	<u>Ram</u>
3.	Bite Prajkta Ranjit	Female	Student	<u>Prajakta</u>
4.	Maktedar Bhausahab Balaji	Male	Student	<u>Balaji</u>
5.	Rathod Shilpa Ramakant	Female	Student	<u>Rathod</u>
6.	Rasal Vishwajit Gyanoba	Male	Student	<u>Rasal</u>
7.	Shelke Pranita Dipak	Female	Student	<u>Shelke</u>
8.	Maniyar Asma Dastageer	Female	Student	<u>Asma</u>
9.	Nagapure Divya Dattatraya	Female	Student	<u>Divya</u>
10.	Tarwadge Kamakshi Rajkumar	Female	Student	<u>Kamakshi</u>
11.	Rathod Amit Gangaram	Male	Student	<u>Amit</u>
12.	Nade Ashlesha Anil	Female	Student	<u>Nade</u>
13.	Kumbhar Vaishnavi Rajendra	Female	Student	<u>Vaishnavi</u>
14.	Dhulshette Ashish Gangaram	Male	Student	<u>Ashish</u>
15.	Bansode Swapnali Arjun	Female	Student	<u>Swapnali</u>
16.	Kulkarni Sharayu Anant	Female	Student	<u>Sharayu</u>
17.	Jadhav Dipak Rajendra	Male	Student	<u>Dipak</u>
18.	Davane Akash Somnath	Male	Student	<u>Aakash</u>
19.	Mokashe Sanjeevani Ratnakar	Female	Student	<u>Sanjeevani</u>
20.	Bone Yogesh Revan	Male	Student	<u>Bone</u>
21.	Chavan Tushar Sanjay	Male	Student	<u>Tushar</u>
22.	Bhandarkote Shivrpoja Dnyanoba	Female	Student	<u>Shivrpoja</u>
23.	Deshpande Bhargavi Hemant	Female	Student	<u>BHD</u>
24.	Mali Sujata Mahesh	Female	Student	<u>S.Mali</u>
25.	Narhare Vaishnavi Vishnu	Female	Student	<u>Vaishnavi</u>
26.	Shinde Abhijeet Suryakant	Male	Student	<u>Shinde</u>
27.	Chidrawar Mrunal Mahendra	Female	Student	

28.	Jagtap Patil Neha Nitin	Female	Student	<u>patil</u>
29.	Chounde Supriya Vijaykumar	Female	Student	<u>Chounde</u>
30.	Bhikane Sakshi Suhas	Female	Student	<u>Sakshi</u>
31.	Handargule Babita Baswaraj	Female	Student	<u>Babita</u>
32.	Kare Lakhan Narsing	Male	Student	<u>Lakhan</u>
33.	More Sumit Pratap	Male	Student	<u>Sumit</u>
34.	Rathod Mahima Sanjay	Female	Student	<u>Rathod</u>
35.	Rathod Dinesh Dagdu	Male	Student	<u>Dinesh</u>
36.	Pirjade Sameer Maheebub	Male	Student	<u>Sameer</u>
37.	Kawale Dnyaneshvari Zumber	Female	Student	<u>Kawale</u>
38.	Jadhav Rutuja Nandkumar	Female	Student	<u>Rutuja</u>
39.	Shinde Premanand Gundu	Male	Student	<u>Premanand</u>
40.	Kawle Krutika Balasaheb	Female	Student	<u>Krutika</u>
41.	Saundale Ashwini Dhondiram	Female	Student	<u>Ashwini</u>
42.	Birajdar Pratiksha Pramod	Female	Student	<u>Pratiksha</u>
43.	Dharashive Rohit Dhananjay	Male	Student	<u>Rohit</u>
44.	Korake Gitanjali Mahadev	Female	Student	<u>Gitanjali</u>
45.	Hadbe Virendra Sugriv	Male	Student	<u>Hadbe</u>
46.	Shinde Rushikesh Bhaskar	Male	Student	<u>Shinde</u>
47.	Bhong Varsha Vilasrao	Female	Student	<u>Varsha</u>
48.	Mengle Pooja Baswaraj	Female	Student	<u>Pooja</u>
49.	Parihar Suresh Mukesh	Female	Student	<u>Parihar</u>
50.	Magar Pooja Vivekanand	Female	Student	<u>Pooja</u>
51.	Yelale Rajashree Vitthal	Female	Student	<u>Rajashree</u>
52.	Maniyar Umeha Ayub	Female	Student	<u>Maniyar</u>

Date: 16/02/2022

  
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**Head**  
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