



R. J. COLLEGE of Arts, Science & Commerce (AUTONOMOUS)

(Hindi Vidya Prachar Samiti's RAMNIRANJAN JHUNJHUNWALA COLLEGE of Arts, Science & Commerce)

Opposite Ghatkopar Railway Station, Ghatkopar (West), Mumbai 400086, Maharashtra, INDIA.

Website: www.rjcollege.edu.in

Email: rjcollege@rjcollege.edu.in

Tel No: +91 22 25151763

Fax No: +91 22 25150957

College is recognized under Section 2(f) & 12(B) of the UGC Act, 1956

Affiliated to UNIVERSITY OF MUMBAI || NAAC Re-Accredited 'A' Grade (CGPA: 3.50)

NOTICE & BROCHURE:



HINDI VIDYA PRACHAR SAMITI'S
RAMNIRANJAN JHUNJHUNWALA COLLEGE

Department of Biotechnology

Presents

DBT Star College Activity

'Gyan-Vigyan'

Online Lecture Series (2020-21)



X-ray Crystallography

Ms. Lipi Das

19th -22nd December, 2020



11 am onwards



On



zoom

Notice for Online lecture series-Gyan Vigyan: Lecture VI- Three days Guest lecture series on "X-ray Crystallography" organised by Biotechnology Department on December 19th, 21st & 22nd 2020.



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OF ARTS, SCIENCE & COMMERCE (AUTONOMOUS)
Ghatkopar (W), Mumbai-400 086, Maharashtra, INDIA

2019: Star College Status by DBT

2008: Best College by University of Mumbai 2010: IMC RBNQ Award 'Performance Excellence' for the year 2009

2011: 'Best Teacher Award' by Government of Maharashtra 2013: DST-FIST 2014: DBT STAR College

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Conducted Under: Capacity Development and Skill Enhancement

Awareness of Trends in Technology

DBT STAR COLLEGE ACTIVITY: Online lecture series-Gyan Vigyan

Lecture VI- Three days Guest lecture series on "X-ray Crystallography"

Date: Saturday, Monday, Tuesday December 19th, 21st & 22nd 2020,

Time: 11:00 AM- 12:00 noon

Resource Person: Ms. Lipi Das, Senior Research Fellow, ACTREC, Navi Mumbai

Students Benefited: BT students (In house)

Number of students Benefited: 24

Number of Teachers Involved: 08 - Dr. Sucheta Golwalkar, Dr. Smruti Thombare, Dr. Rachana Acharya, Dr. Tania Kariyel, Saleha Khan, Dr. Namrata Parab, Smita Jadhav, Jasvinder Kaur

REPORT:

The Department of Biotechnology organized a three days Guest lecture session on "X-ray crystallography" by Ms. Lipi Das, Senior Research Fellow at ACTREC, Navi Mumbai on Zoom platform to Capacity Development and Skill Enhancement in biomolecular structure analysis.

Ms. Das explained the concepts of protein crystallization and methods of X-ray crystallography comprehensively using well made presentations, animations and actual lab data. The Session helped students to understand-

1. Importance of X-ray crystallography in structural biology
2. Methods used for crystal formation
3. Diffraction and data collection
4. How to solve the XRD data set



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List of students attended the session on lecture series on "X-ray Crystallography"

Roll No.	Name of the Students	Roll No.	Name of the Students
1	Ambikar Rushikesh Vilas	19	Upadhyay Nilay Nishakar
3	Bait Pooja Adinath	20	Vast Ishita Manoj
4	Barai Sejal Omprakash	21	Wagh Lalit Anil
5	Chougale Soham Alfarid	22	Yadav Pratiksha Ramchandra
6	Dhas Pranali Pandurang	23	Ratnesh Yadav
7	Jaiswar Archana Mahendra Pratap	24	Yadav Sneha Rajkumar
9	Kamble Suraksha Datta	25	Pooja Singh
10	Khan Saima Anjum Mohd Riyaz	26	Ansari Arhama Ziaulhaque
11	Mahanty Rituja Mukund		
12	Mishra Akansha Shrikant		
13	Mourya Aniket Lalbahadur		
14	Nag Kasturi Amitava Swapna		
15	Rane Ketaki Manoj		
16	Sharma Sneha Munna Lal		
17	Thakore Saloni Vishwajeet		
18	Ture Jidnyasa Ganesh		




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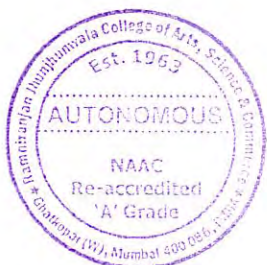
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Fig1: Screenshot of Online lecture series-Gyan Vigyan: Lecture VI- Three days Guest lecture series on “X-ray Crystallography” organised by Biotechnology Department on December 19th, 21st & 22nd 2020.



Principal
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DEPARTMENT OF BIOTECHNOLOGY

CERTIFICATE



This is to certify that **Ms. RANE KETAKI MANOJ** has attended Three days Webinar series on "X-ray Crystallography" delivered by Ms. Lipi Das, Senior Research Fellow, ACTREC, Navi Mumbai; organised by Department of Biotechnology as part of Online lecture series-Gyan Vigyan under DBT Star College Activity

From 19th - 22nd December 2020.

Dr. Sucheta Golwalkar
Head, Department of Biotechnology



Dr. Himanshu Dawda
Principal

Copy of the Certificate of Participation Online Lecture Series – Gyan Vigyan, Lecture VI: Three days lecture series– "X-ray Crystallography" organised by Biotechnology Department from 19th - 22nd December 2020.



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