



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)

BIOTECHNOLOGY DEPARTMENT

TIME TABLE

TYBT SEM VI REMEDIAL SESSIONS 2019-20

NOTICE

Online Remedial sessions for SEM VI have been arranged on 14th September 2020.

The schedule is as follows:

Session	Session 1			Session 2	
	Time	Paper	Resource Person	Time	Paper
	8:00am to 9:00am	RJSUBT601	Dr. Tania Karipel Ms. Jasvinder Kaur	1:00pm to 2:00pm	RJSUBT604
	9:00am to 10:00am	RJSUBT602	Dr. Sucheta Golwalkar Dr. Rachana Acharya	2:00pm to 3:00pm	RJSUACMT601
	10:00am to 11:00am	RJSUBT603	Ms. Saleha Khan, Dr. Namrata Parab		

Session Instructions:

1. Remedial sessions will be conducted Online on the ZOOM platform.
2. Please enter the zoom session using the shared link 15 mins prior to the scheduled session.
3. Rename yourself as soon as you enter the meeting with the proper name and surname.
4. Keep the notes of all papers ready for the reference during the session.
5. Keep a notebook and pen so as to write down any important instructions or topics that would be mentioned during session.
6. Write down your questions in the chat box during the session. All questions will be answered at the end of each session.



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Zoom links for Biotechnology TYBT remedial Sessions on 14th Sep 2020:

Sucheta Ma'am 14-September 2020
Forwarded

 **Join our Cloud HD Video Meeting**
Zoom is the leader in modern enterprise vi...
[rjcollege-edu-in.zoom.us](https://rjcollege-edu-in.zoom.us/j/82845290652?pwd=cmZUbDJIvVWJ6K214QnJXR3BZZ1d0UT09)


Biotechnology Department is inviting you to a scheduled Zoom meeting.

Topic: TY 19-20 Revision
Time: Sep 14, 2020 08:00 AM India

Join Zoom Meeting
<https://rjcollege-edu-in.zoom.us/j/82845290652?pwd=cmZUbDJIvVWJ6K214QnJXR3BZZ1d0UT09>

Meeting ID: 828 4529 0652
Passcode: 177213

Smruti Ma'am
Forwarded

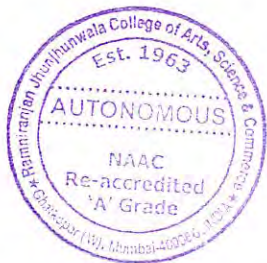
 **Join our Cloud HD Video Meeting**
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[rjcollege-edu-in.zoom.us](https://rjcollege-edu-in.zoom.us/j/85776698373?pwd=TVV1Ui9ZWERXWFRZd0U0UG5xbXQrZz09)

Biotechnology Department is inviting you to a scheduled Zoom meeting.

Topic: TY 19-20 Revision, 2nd session
Time: Sep 14, 2020 01:00 PM India

Join Zoom Meeting
<https://rjcollege-edu-in.zoom.us/j/85776698373?pwd=TVV1Ui9ZWERXWFRZd0U0UG5xbXQrZz09>

Meeting ID: 857 7669 8373
Passcode: 653662




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HVPS's Ramniranjan Jhunjhunwala (Autonomous) College DEPARTMENT OF BIOTECHNOLOGY BRIDGE COURSE IN MATHEMATICS

Course Outcome:

- To introduce students to parameters of Limits Derivatives, Integration
- To review algebraic concepts like types of Progression equation, Logarithms, Functions
- To Acquaint students with the basics of statistics and Probability

Learning Outcome:

By the end of the course the student will be able to understand:

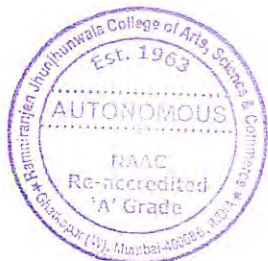
- Mathematical representations and modeling of the biological problems using a variety of mathematical theories and techniques.
- Theoretical and practical applications in Biotechnology

Assessment: Total marks -50

- Test 1: Written Test / Assignment / Continuous Evaluation -25 Marks
- Test 2: Written test -25 Marks

Passing Percentage: 40

Who should do this course: First Year students of Biotechnology who had not opted for Mathematics paper at H.S.C. Level




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SYLLABUS	25 L
UNIT I	8L
REVIEW OF ALGEBRA	
Arithmetic and Geometric Progressions, Logarithms, Polynomial Equations, Rational Roots, Functions - The Exponential Function, log Exponential Growth and Decay, Graphs of Functions, Linear Equations, Quadratic Functions and Equations, Sequences	
UNIT II	9L
INTRODUCTION TO CALCULUS	
Rate of change and Limit, Calculating Limits using Limit Laws, Notion of Continuity, Derivatives as a Rate of Change, Differential Rules, Differentiation of Algebraic Expressions; Integration - Basic Integration Formulae, Definite Integral	
UNIT III	5L
DESCRIPTIVE STATISTICS	
Introduction, Frequency Tables, Histograms, Measures of Central Tendency - Mean & Median; Measures of Dispersion - Variance & Standard Deviation	
UNIT IV	
BASIC PROBABILITY	3L
Introduction, Sample Space & Events, Axioms of Probability and simple examples	



(Signature)
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List of Remedial Math Students in 2020-2021

Roll No.	Name of the Student
7	Siddhi Das
12	Kinjal Gohil
16	Anchal Gupta
22	Ayesha Khan
25	Aditi Madathingal
28	Kalpesh Mugale
29	Nandini Vats
36	Mansi Parab
41	Disha Pednekar
43	Divya Rao
48	Tonoya Sen
53	Aleena Siddiqui
63	Riya Vasani
64	Roshanidevi Vishwakarma
76	Akeel Patel
81	Arzoo Pasha


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