



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

**Department of Mathematics**

**I. Documentation of Activity/Event/ Programme**

**A) A SUMMARY REPORT**

1) Title of Programme:	<b>IIT - JAM 2023: Mathematics Lecture Series</b>		
2) Name of Organizing Department/Unit:	Mathematics		
3) Name of the Coordinator(s)/ Convener(s)/ Organizer(s) of the Programme:	Convener: Dr. Nishank S Pimple		
4) Date(s) of the Programme:	20.08.2022 to 23.01.2023 Time 12.00pm – 04:00 pm		
5) Venue/Mode:	Hall No. – 316-B		
6) Target Group:	UG (Mathematics)(B.Sc. III)		
7) Number of Participants:	Male	Female	Total
A separate list with signatures be maintained in the department/Unit)	Teaching	04	01
	Non-Teaching	00	00
	Students	00	07
8) Name(s) and details of Resource Person(s), if any:	Dr. Mahesh Wavare Dr. Nishank Pimple Mr. Shubham Khose Mr. Nandeshwar Kapale Miss. Shivkanya Shinde		
9) Total Expenditure for the Programme:	Free		
10) Source of Funding:	NA		

## B) A Report

### i. Title: IIT – JAM 2023: Mathematics Lecture Series

#### ii. Introduction:

The "IIT – JAM 2023: Mathematics Lecture Series" was organized by the mathematics department at Rajarshi Shahu Mahavidyalaya ,Latur (Autonomous). The IIT-JAM exam is required for all topics in higher education to get admission into all the IITs and NITs for Masters degree program. In order to prepare for and provide help for the IIT-JAM examination in Mathematics, we designed a Mathematics lecture series.

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

- To solve problems from past question papers.
- To help students comprehend how to tackle Papers I, II, and III.
- To offer a forum where applicants can have their doubts and questions answered.
- To make sure that the participants get knowledge from individuals who have passed the IIT-JAM.

#### iv. Details of Participants

In this lecture series total 07 students were present (Male- 0 & Female -07)

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

From 20 August 2022 to 23 January 2023, the Department of Mathematics hosted the "IIT-JAM 2023: Mathematics Lecture Series" for B.Sc. III undergraduate students. In the first session, Dr. Nishank Pimple explained the IIT-JAM exam's format and covered questions from earlier IIT-JAM tests. The department's head, Dr. Mahesh Wavare, gave preparation tips and solutions for the mathematics portion of the IIT-JAM Exam-2023. All of the department's faculty members coached students and provided conceptual tips to help them answer the issues in a shorter amount of time, according to a different timetable created for this lecture series. All of the workshop talks were quite participatory, and instructors and students avidly participated in the event.

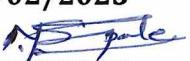
#### vi. Conclusion with feedback on the program

All the students are satisfied and got knowledge about tricks of problem solving , conceptual learning , learned different methods for solving IIT-JAM exam problems.

#### vii. Any Appendix if necessary

list of the participant

Date: 10/02/2023

  
Convener  
Dr. N.S. Pimple

  
Head  
Head,  
Department of Mathematics,  
Rajarshi Shahu Mahavidyalaya,  
(Autonomous) Latur-413512

  
Principal  
PRINCIPAL  
Rajarshi Shahu Mahavidyalaya, Latur  
(Autonomous)

**C) Notice and Time-Table:**



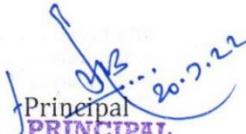
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 Science Faculty  
Notice  
**(IIT-JAM Enrolment)**

**Date:** 20/07/2022

All the students of B. Sc. II and III year are hereby informed that, students who are preparing for IIT-JAM examination in Physics, Chemistry, Mathematics and Biotechnology subjects, they have to enroll their names towards Dr. Nishank S. Pimple, Coordinator, IIT-JAM CELL, up to 23.07.2022 in department of Mathematics. Their IIT-JAM Classes will start from first week of August.

  
 IIT-JAM Coordinator

B.Sc. II - Chem 2022-23  
 B.Sc. III - 2022-23 - Gindalakar  
 B.Sc. II phy 2022-23  
 B.Sc. II BOT 2022-23

  
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 IIT-JAM CELL

**Preparatory Lectures: IIT-JAM 2023**

Time Table w.e.f. Dt. 16/08/2022

Day & Time	I	II
	02:00 to 03:00	03:00 to 04:00
Monday	Foundation of Maths (312)	Maths (406-A) Physics (311) Chemistry (312) BT (Chemistry) (313)
Tuesday	-do-	BT (Chemistry) (313)
Wednesday	-do-	BT (Chemistry) (313)
Thursday	-do-	BT (Physics) (313)
Friday	-do-	BT (Physics) (313)
Saturday	-do-	BT (Physics) (313)

  
 Co-ordinator

  
**Principal**  
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1. Prof. S. N. Shinde (Vice-Principal) .....
2. Dr. K. G. Maske (Microbiology) .....
3. Dr. A. A. Yadav (Physics) .....
4. Dr. D. G. Palke (Chemistry) .....
5. Dr. M. S. Wavare (Mathematics) .....
6. Dr. D. S. Rathod (Zoology).....
7. Dr. S. S. Kulkarni (Biotechnology) .....
8. Dr. N. S. Pimple (Coordinator) .....

Date: 08/08/22

MON TUE WED THU FRI SAT SUN

## Meeting #06.

All the staff members of the Department of mathematics are here by informed that the meeting with following agenda is arranged in Department on 10/08/2022 at 3:15 pm.

Agenda : IIT -JAM mathematics topic distribution.

DE. M. S. Wavaee.

## Agenda :

In this meeting following topics of JIIT-JAM syllabus distributed.

ENO.	Name of faculty	topics	signature.
1.	DE. M.S. Wavare	function of two and three variable, Integral Calculus.	<u>Wavare</u>
2.	DE. N.S. Pimple	Differential equations, sequence & series.	<u>N.S. Pimple</u> for correction
3.	ME. V.R. Sonwane	finite dimensional vector space , matrices.	<u>V.R. Sonwane</u>
4.	miss. S.D. Shinde	Group theory	<u>S.D. Shinde</u>

#### D) Notice for mock test (IIT-JAM-2023)

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HT-JAM 2023

Nucleo

Date: 23.01.2023

All the heads of the following departments are hereby informed that, they should prepare Chapter wise question papers of 50 marks according to the question paper pattern of IIT-JAM 2023 examination. The MOCK Test series time table and 50 marks question paper pattern is attached with this notice. All concern HoD's should take note of this and submit test series papers in soft copy format towards Hard IIT-JAM Coordinator Dr. Nishank S Pimple.

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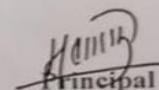
### Coordinator

  
**Principal**  
**PRINCIPAL**  
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**E) Result of Mock IIT JAM examination**

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur IIT-JAM 2023 MOCK Test series Question Paper Pattern- 50 Marks				
Section	Question No.	Nature	Marks	Total Marks
A	Q 1 - Q 5	MCQ	1 mark each	05
A	Q 6 - Q 15	MCQ	2 marks each	20
B	Q 16 - Q 20	MSQ	2 marks each	10
C	Q 21 - Q 25	NAT	1 mark each	05
C	Q 26 - Q 30	NAT	2 marks each	10
			<b>TOTAL</b>	<b>50</b>

  
Coordinator

  
Principal  
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**F) Copies of Brochure Prepared for the Programme:**

**G) Link of Video of the programme: Nil**

**H) Any other publicity material:**

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur  
IIT -JAM 2023 Mathematics Lecture Series  
Topic- Calculus of One Variable

Sr.No.	Name	20/08/22	22/08/22	23/08/22	24/08/22	25/08/22	26/08/22	27/08/22
1	Suvarna Divya R	Divya	AA	Divya	Divya	Divya	Divya	Divya
2	Shrimangale Amrit	Asmita						
3	Jadhav Ankita	Ankita	Ankita	Ankita	Ankita	Ankita	Ankita	Ankita
4	More Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	AA	Rutuja
5	Guilave Nikita	Nikita	Nikita	Nikita	Nikita	Nikita	AA	Nikita
6	Bhosale Tanuja	Tanuja	Tanuja	Tanuja	Tanuja	Tanuja	AA	Tanuja
7	Abhote Pari	Pari	—	—	Pari	Pari	Pari	Pari
8								
9								
10								

Faculty Name :

  
Khose Shubham

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 IIT -JAM 2023 Mathematics Lecture Series

Topic- Calculus of One Variable

Sr.No.	Name	20/08/22	22/08/22	23/08/22	24/08/22	25/08/22	26/08/22	27/08/22
1	Sunease Divya . R	Divya						
2	Shrimangale Amrita	Amrita	Amrita	Amrita	Amrita	Amrita	Amrita	Amrita
3	Jadhav Ankita	Ankita	Ankita	Ankita	Ankita	Ankita	Ankita	Ankita
4	MORE Rituja	Rituja	Rituja	Rituja	Rituja	Rituja	Rituja	Rituja
5	Gulene Nikita	Nikita	Nikita	Nikita	Nikita	Nikita	Nikita	Nikita
6	Bhosale Trinija	Trinija	Trinija	Trinija	Trinija	Trinija	Trinija	Trinija
7	Arshote Priti	Priti	Priti	Priti	Priti	Priti	Priti	Priti
8								
9								
10								



Khoose Shubham

  
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Topic- Differential Equations

Sr.No.	Name	07/09/22	14/09/22	21/09/22	28/09/22	12/10/22	19/10/22	02/11/22	09/11/22	16/11/22	23/11/22
1	Shrimangale Amrita	A+									
2	Jadhav Ankita	A+									
3	More Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja
4	Sugwashe Divya	Divya	Divya	Divya	Divya	Divya	Divya	Divya	Divya	Divya	Divya
5	Bhosale Tanuja	Tanuja	Tanuja	Tanuja	Tanuja	Tanuja	Tanuja	Tanuja	Tanuja	Tanuja	Tanuja
6	Gulave Nikita	Nikita	Nikita	Nikita	Nikita	Nikita	Nikita	Nikita	Nikita	Nikita	Nikita
7	Patil Akshata	A+									
8											
9											
10											

Faculty Name: Dr. Nishank Pimple





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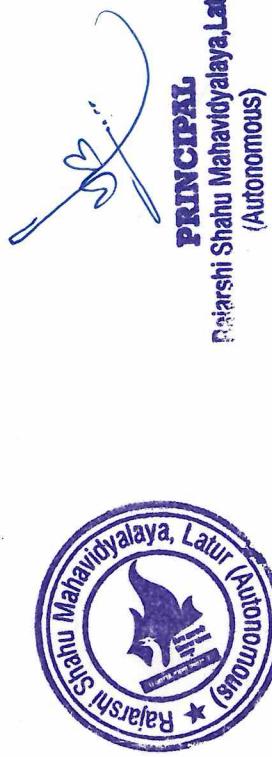
Topic- Multivariable Calculus

Sr.No.	Name	3 Jan 23	10 Jan 23	17 Jan 23	23 Jan 23	23 Jan 23
1	Suneelase Divyaq R	Divyaq	Divyaq	A	Divyaq	Divyaq
2	Guilave Nikita P	Guilave	Guilave	A	A	A
3	Shrimangale Amrita B	Shrimangale	Shrimangale	A	A	A
4	Tadshav Anikita S	A	A	A	A	A
5	More Rutuja K.	A	A	A	A	A
6	Bhosale Tanuja M.	Bhosale	Tanuja	A	Tanuja	Tanuja
7	Pati Aksharla A	A	A	A	A	A
8						
9						
10						



Dr. M. S. Vavare

Faculty Name :



  
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Topic- Group theory									
Sr.No.	Name	30/11/2023	31/01/2023	5/01/2023	07/01/2023	13/01/2023	14/01/2023	19/01/2023	20/01/2023
1	Jadhav Ankita S.	Shubh	Shubh	Shubh	Shubh	Shubh	Shubh	Shubh	Shubh
2	Shrimangale Amruta. B	A	A	A	A	A	A	A	A
3	Surendra Divya R.	Divya	Divya	Divya	Divya	Divya	Divya	Divya	Divya
4	More Rutuja K.	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja
5	Gulane Nikita P.	Nikita	Nikita	Nikita	Nikita	Nikita	Nikita	Nikita	Nikita
6	Bhosale Tanuja M.	Tanuja	Tanuja	Tanuja	Tanuja	Tanuja	Tanuja	Tanuja	Tanuja
7	Pati Akshata A.	Akshata	Akshata	Akshata	Akshata	Akshata	Akshata	Akshata	Akshata
8									
9									
10									

Faculty Name :

Miss.S.D.Shinde

  
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Topic-Linear Algebra

Sr. no.	Name	04/11/22	11/11/22	18/11/22	25/11/22	2/12/22	9/12/22
1.	Ankita Jadhav	✓	✓	✓	✓	✓	✓
2.	Amruta Shrimangale	✓	✓	✓	✓	✓	✓
3.	Rutuja More	✓	✓	✓	✓	✓	✓
4.	Suewase Divya	✓	✓	✓	✓	✓	✓
5.	Guilave Nikita	✓	✓	AA	✓	✓	✓
6.	Bhosale Tanuja	✓	✓	✓	✓	✓	✓
7.	Patil Akshata	✓	✓	✓	✓	✓	✓

Faculty Name: Mr. N. D. Kapale / Mr. V. R. Sonwane

Sr. no.	Name	16/12/22	23/12/22	30/12/22	06/01/23	13/01/23	20/01/23
1.	Ankita Jadhav	✓	✓	✓	✓	✓	✓
2.	Amruta Shrimangale	✓	✓	✓	✓	✓	✓
3.	Rutuja More	✓	✓	✓	✓	✓	✓
4.	Suewase Divya	✓	✓	✓	✓	✓	✓
5.	Guilave Nikita	✓	✓	✓	✓	✓	✓
6.	Bhosale Tanuja	✓	✓	✓	✓	✓	✓
7.	Patil Akshata	✓	✓	✓	✓	✓	✓

Faculty Name: Mr. N. D. Kapale / Mr. V. R. Sonwane.



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