



**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:	IIT – JAM 2023: Mathematics Lecture Series			
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	05
	Non-Teaching	00	00	00
	Students	00	07	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
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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.

N.S. Pimple

IIT-JAM Coordinator

B.Sc. II - Chem 15

B.Sc. III - 6214707

B.Sc. II Phys 8000

B.Sc. II BOT Pimpale

(Indal Kher 20.07.2022)

N.S. Pimple
20.7.22

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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)

N.S. Pimple

Co-ordinator

N.S. Pimple
13.8.2022

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)

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Date: 08/08/22

MON TUE WED THU FRI SAT SUN




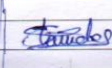
Meeting #06.

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. Wavare.

Agenda: In this meeting following topics of IIT-JAM syllabus distributed.

Sl. No.	Name of faculty	topics	signature
1.	DE. M. S. Wavare	function of two and three variable, Integral Calculus.	
2.	DE. N. S. Pimple	Differential equations, sequence & series.	
3.	ME. V. R. Sonwane	finite dimensional vector space, matrices.	
4.	Mess. S. D. Shinde	Group theory	

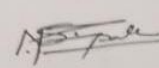
D) Notice for mock test (IIT-JAM-2023)


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IIT-JAM 2023

Notice Date: 23.01.2023

All the heads of the following departments are here by 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~~ ^{Hard} copy format towards IIT-JAM Coordinator Dr. Nishank S Pimple.



Coordinator

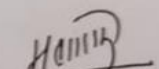

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E) Result of Mock IIT JAM examination

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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
			TOTAL	50


 Coordinator


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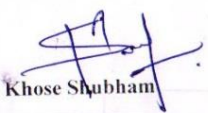
F) Copies of Brochure Prepared for the Programme:

G) Link of Video of the programme: Nil

H) Any other publicity material:

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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	Surewase Divya . R	Divya	AA	Divya	Divya	Divya	Divya	Divya
2	Shrimangale Amruta	Asida	Asida	Asida	Asida	Asida	Asida	Asida
3	Jadhav ANKITA	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	AA	Rutuja
4	MORE Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	AA	Rutuja
5	Gulave Nikita	Nikita	Nikita	Nikita	AA	Nikita	AA	Nikita
6	Bhosale Tanya	Tanya	Tanya	Tanya	Tanya	Tanya	AA	Tanya
7	Abshata Patil	Abshata	Abshata	Abshata	Abshata	Abshata	Abshata	Abshata
8								
9								
10								

Faculty Name :  Khose Shubham

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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	Suwasne Divya . R	Divya	AA	Divya	Divya	Divya	Divya	Divya
2	Shrimangale Amruta	ASubha Ghosh	ASubha Ghosh	ASubha Ghosh	ASubha Ghosh	ASubha Ghosh	ASubha Ghosh	ASubha Ghosh
3	Jadhav ANKITA	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	AA	Rutuja
4	MORE Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	AA	Rutuja
5	Gulane Nikita	Nikita	Nikita	Nikita	Nikita	Nikita	AA	Nikita
6	Bhosale Tanuja	tanuja Bhatia	tanuja Bhatia	tanuja Bhatia	tanuja Bhatia	tanuja Bhatia	tanuja Bhatia	tanuja Bhatia
7	Ashoke Patti	Patti	—	—	Patti	Patti	Patti	Patti
8								
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 Khose Shubham

Faculty Name :




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Topic- Differential Equations

Sr.No.	Name	07/09/22	14/9/22	21/9/22	28/9/22	12/10/22	19/10/22	02/11/22	09/11/22	16/11/22	23/11/22
1	shrimangale Amruta	Asish	Asish	Asish	AA	Asish	Asish	Asish	Asish	Asish	Asish
2	Jadhav Ankita	Asish	Asish	Asish	Asish	Asish	Asish	Asish	Asish	Asish	Asish
3	MORE Rutuja	Rutuja	Rutuja	Rutuja	AA	Rutuja	Rutuja	Rutuja	AA	Rutuja	Rutuja
4	Suwase Divya	Divya	Divya	Divya	AA	Divya	Divya	Divya	AA	Divya	Divya
5	Bhosale tanuja	tanuja	tanuja	tanuja	AA	tanuja	tanuja	tanuja	AA	tanuja	tanuja
6	Guone Nikita	Guone	Guone	Guone	AA	Guone	Guone	Guone	AA	Guone	Guone
7	Patil Akshata	Patil	Patil	Patil	AA	Patil	Patil	Patil	AA	Patil	Patil
8											
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Faculty Name: Dr. Nishank Pimple

N. Pimple



[Signature]
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IIT -JAM 2023 Mathematics Lecture Series

Topic- Multivariable Calculus

Sr.No.	Name	3 Jan 23	10 Jan 23	17 Jan 23	23 Jan 23
1	Suwasne Divya R	Divya	Divya	A	Divya
2	Gulave Nikita P.	Gulave	Gulave	A	A
3	Shrimangale Amruta B	A	A	A	A
4	Jadhav Ankita S.	A	A	A	A
5	Mare Rutuja K.	A	A	A	A
6	Bhosale Tanuja M.	A	A	A	A
7	Patil Akshata A	A	A	A	A
8					
9					
10					

Faculty Name :

Dr. M. S. Waware





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Topic- Group theory

Sr.No.	Name	20/11/2023	21/01/2023	5/01/2023	07/01/2023	13/01/2023	11/01/2023	20/01/2023
1	Jadhav Anrita S.	Prus	Prus	Prus	Prus	Prus	Prus	Prus
2	Shrimangale Amruta. B	Prus	A	Prus	Prus	Prus	Prus	Prus
3	Suresh Dinya R	Prus	Prus	Prus	Prus	Prus	Prus	Prus
4	MORE Rutuja K.	Prus	Prus	Prus	Prus	Prus	Prus	Prus
5	Gulave Nilkita P.	Prus	Prus	Prus	Prus	Prus	Prus	Prus
6	Bhosale Tanuja M	Prus	Prus	Prus	Prus	Prus	Prus	Prus
7	Patil Akshata A.	Prus	Prus	Prus	Prus	Prus	Prus	Prus
8								
9								
10								

Faculty Name :

Miss.S.D.Shinde

(Signature)



(Signature)

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IIT-JAM 2023 Mathematics Lecture series

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	Plu	Plu	Plu	Plu	Plu	Plu
2	Amruta Shrimangale	Asu	Asu	Asu	Asu	Asu	Asu
3	Rutuja More	Putuja	Putuja	Putuja	AA	Putuja	Putuja
4	Suwase Divya	Divya	Divya	Divya	Divya	Divya	AA
5	Gulave Nikita	Gulika	AA	Gulika	Gulika	AA	Gulika
6	Bhosale Tanuja	Tanuja	Tanuja	Tanuja	Tanuja	Tanuja	Tanuja
7	Patil Akshata	Apatei	Apatei	Apatei	Apatei	Apatei	Apatei

Faculty name: Kapale / 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	Plu	Plu	Plu	Plu	Plu	Plu
2	Amruta Shrimangale	Asu	Asu	Asu	Asu	Asu	Asu
3	Rutuja More	Putuja	Putuja	AA	Putuja	Putuja	Putuja
4	Suwase Divya	Divya	Divya	Divya	Divya	Divya	Divya
5	Gulave Nikita	Gulika	Gulika	AA	Gulika	Gulika	Gulika
6	Bhosale Tanuja	Tanuja	Tanuja	Tanuja	Tanuja	Tanuja	Tanuja
7	Patil Akshata	Apatei	Apatei	Apatei	Apatei	Apatei	Apatei

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



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