

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

Teaching Plan (B.Sc. I Semester-I)


(Jul 2022 to October 2022)

1. Details of Classes to be taught

Sr. No.	Class	Name of Assist. Professor	Subject	Paper	Total Lecturers:
1	B.Sc. I Sem. I	Dr. D.V.Raje	Physics	U-PHY-135	45 (2-credits)

2. Summary of Lesson Plan

Sr. No.	Unit and Chapter to be covered	Expected No. of Lectures	Date	Academic activities to be organized	No. of Test / Assignment with topic and date
1	Unit I: Gravitation	12	14/07/2022 to 06/08/2022		--
2	Unit II: Elasticity	12	11/08/2022 to 03/09/2022	--	Activity based Unit Test-I
3	Unit III: Surface Tension	11	08/09/2022 to 24/09/2022		
4	Unit IV: Viscosity	11	29/09/2022 to 15/10/2022	ICT Based Teaching	05.10.2022 Unit Test-II(MCQ)


Dr.D.V.Raje

Date:14.07.2022


HoD
HEAD
Department of Physics & Electronics
Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)


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

Teaching Plan (M.Sc. I Sem. I)

(June 2022 to Dec 2022)

1. Details of Classes to be taught

Sr. No.	Class	Name of Assist. Professor	Subject	Paper	Total Lecturers:
1	M.Sc.I Sem. I	Dr .D. V .Raje	Physics	P-MMP-119 Mathematical Methods in Physics	60 (4-credits)

2. Summary of Lesson Plan

Sr. No.	Unit and Chapter to be covered	Expected No. of Lectures	Date	Academic activities to be organized	No. of Test / Assignment with topic and date
*	Bridge Course in Mathematics	10	25/07/2022 to 30/07/2022		Including Extra Lecturers
1	Unit I: Matrix Algebra And Eigen Value Problems	15	01/08/2022 to 25/08/2022		--
2	Unit II: Differential Equations	15	26/08/2022 to 17/09/2022	Solution of "MH-SET" Questions	Activity based 28/9/2022 Unit Test-I
3	Unit III: Calculus Of Residues	15	18/9/2022 to 26/10/2022	--	
4	Unit IV: Fourier Series	15	27/10/2022 to 5/11/2022		28.11.2022 Unit Test-II(MCQ)

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Teaching Plan (M.Sc. II Semester-III)

(June 2022 to November 2022)

1. Details of Classes to be taught

Sr. No.	Class	Name of Assist. Professor	Subject	Paper	Total Lecturers
1	M. Sc. (Sem. III)	Dr. D.V.Raje	Physics	P-NPP-322 Nuclear and Particle Physics	60 (4-credits)

2. Summary of Lesson Plan

Sr. No.	Unit and Chapter to be covered	Expected No. of Lectures	Date	Academic activities to be organized	No. of Test / Assignment with topic and date
1	Unit I:Nuclear Reactions and Detectors	16	23 /06/2022 to 21/07/2022		--
2	Unit II: Nuclear Models	14	22/07/2022 to 13/08/2022	Solution of "MH-SET" Questions	
3	Unit II :Charged Particle Accelerators	14	14/08/2022 to 15/09/2022	--	Unit Test-I Assignment (19.08.2022 to 10.09.2022)
4	Unit IV: Particle Physics	16	16/09/2022 to 15/10/2022	ICT Based Teaching	Unit Test-II Activity based (06.10.2022 to 15.10.2022)

Dr.D.V.Raje

Date:14.07.2022

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