

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

Teaching Plan (Semester-I)

(September 2021 to December 2021)

1. Details of Classes to be taught

Sr. No.	Class	Name of Assist. Professor	Subject	Paper	Total Lecturers:
1	B.Sc. I Sem. I	Mr. M. B. Kumbhar	Physics	U-PHY-135 Mechanics and Properties of Matter-I	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	11	29/09/21 to 13/10/21	ICT teaching Microsoft Teams	--
2	Unit II: Elasticity	11	18/10/21 to 09/11/21	ICT teaching Microsoft Teams	
3	Unit III: Surface Tension	12	10/11/21 to 06/12/21	ICT teaching Microsoft Teams	Unit Test-I Assignment (Date will be communicated later)
4	Units IV: Viscosity	11	07/12/21 to 29/12/21	ICT teaching Microsoft Teams	Unit Test-II Activity based (Date will be communicated later)

Mr. M. B. Kumbhar

Date:27.09.2021

HoD

Department of Physics & Electronic
Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)

Principal

Rajarshi Shahu Mahavidyalaya
(Autonomous), Latur

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

Teaching Plan (Semester-III)

1. (July 2021 to November 2021)

2. Details of Classes to be taught

Sr. No.	Class	Name of Assist. Professor	Subject	Paper	Total Lecturers
1	MSc. II Sem. III	Mr. M. B. Kumbhar	Physics	P-TFN-324A Thin film and Nanotechnology	60 (4-credits)

3. 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: Thin Film Deposition Techniques	15	05/07/21 to 01/08/21	ICT teaching Microsoft Teams	--
2	Unit II: Nucleation, Film Growth and Structure of Films	15	02/08/21 to 29/08/21	ICT teaching Microsoft Teams	
3	Unit III: Properties of Thin Films	15	30/08/21 to 28/09/21	ICT teaching Microsoft Teams	Unit Test-I Assignment (Date will be communicated later)
4	Unit IV: Nanotechnology	15	29/09/21 to 27/10/21	ICT teaching Microsoft Teams	Unit Test-II Activity based Test (Date will be communicated later)

Mr. M. B. Kumbhar

Date:06.07.2021

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Teaching Plan (Semester-III)

(July 2021 to November 2021)

1. Details of Classes to be taught

Sr. No.	Class	Name of Assist. Professor	Subject	Paper	Total Lecturers:
1	B.Sc. II Sem. III	Mr. M. B. Kumbhar	Physics	U-PHY-335 Optics and Laser-V	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: Interference	11	05/07/21 to 02/08/21	ICT teaching Microsoft Teams	--
2	Unit II: Diffraction	11	03/08/21 to 25/08/21	ICT teaching Microsoft Teams	
3	Unit III: Polarization	12	30/08/21 to 21/09/21	ICT teaching Microsoft Teams	Unit Test-I Assignment (Date will be communicated later)
4	Units IV: Lasers	11	31/09/21 to 18/10/21	ICT teaching Microsoft Teams	Unit Test-II Activity based (Date will be communicated later)

Mr. M. B. Kumbhar

Date:06.07.2021

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Teaching Plan (Semester-I)

1. (September 2021 to December 2021)

2. Details of Classes to be taught


Sr. No.	Class	Name of Assist. Professor	Subject	Paper	Total Lecturers
1	MSc. I Sem. I	Mr. M. B. Kumbhar	Physics	P-QUM-121 Quantum Mechanics	60 (4-credits)

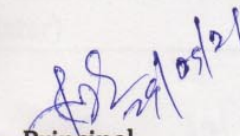
3. Summary of Lesson Plan

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: Introduction to Quantum Theory	15	29/09/21 to 20/10/21	ICT teaching Microsoft Teams	--
2	Unit II: Simple potential problems	15	21/10/21 to 18/11/21	ICT teaching Microsoft Teams	
3	Unit III: Theory of Angular Momentum	15	24/11/21 to 16/12/21	ICT teaching Microsoft Teams	Unit Test-I Assignment (Date will be communicated later)
4	Unit IV: Approximation Methods	15	17/12/21 to 31/12/21	ICT teaching Microsoft Teams	Unit Test-II Activity based Test (Date will be communicated later)


Mr. M. B. Kumbhar

Date:29.09.2021


HEAD
Department of Physics & Electronics
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Principal
PRINCIPAL
Rajarshi Shahu Mahavidyalaya
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