

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

Teaching Plan (Semester-I)

(July 2019 to Oct. 2019)

1. Details of Classes to be taught

Sr. No.	Class	Name of Assist. Professor	Subject	Paper	Total Lecturers:
1	MSc. I Sem. I	Dr Abhijit A. Yadav	Physics	P-QUM-121 Quantum Mechanics-III	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: Introduction to Quantum Theory	15	04.07.2019 to 27.07.2019	Showing videos on Wave-Particle duality 25.07.2019	--
2	Unit II: Simple potential problems	15	31.07.2019 to 24.08.2019	--	Activity based Unit Test-I 30.08.2019
3	Unit III: Theory of Angular Momentum	15	28.08.2019 to 21.09.2019	Lecture on Nobel Prize in Physics 30.09.2019	Group Discussion 19.09.2019
4	Unit IV: Approximation Methods	15	25.09.2019 to 19.10.2019	--	Unit Test II (MCQ) 18.09.2019 to 25.09.2019

Date: 04.07.2019



Dr Abhijit Yadav



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Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

Teaching Plan (Semester-III)

(June 2019 to Oct. 2019)

1. Details of Classes to be taught

Sr. No.	Class	Name of Assist. Professor	Subject	Paper	Total Lecturers:
1	MSc. II Sem III	Dr Abhijit A. Yadav	Physics	P-EPP-321 Electrodynamics and Plasma Physics-IX	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: Electromagnetic Waves	17	24.06.2019 to 29.07.2019	Showing YouTube videos on Maxwell's equation 20.07.2018	Group Discussion on 28.07.2019
2	Unit II: Time Dependent Potentials and Fields	13	30.07.2019 to 22.08.2019	--	Activity based Unit Test-I 31.08.2019
3	Unit III: Radiations and Radiation Reactions	15	26.08.2019 to 23.09.2019	Career Guidance	--
4	Unit IV: Plasma Physics	15	24.09.2019 to 22.10.2019	ICT based teaching	Unit Test II (MCQ) 18.09.2019 to 25.09.2019

Date: 24.06.2019



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Teaching Plan (Semester-IV)

(Dec - 2019 to March. 2020)

1. Details of Classes to be taught

Sr. No.	Class	Name of Asstt. Prof.	Subject	Paper	Total Lecturers:
1	M.Sc. II	Dr A A Yadav	Physics	P-IPE-422 Industrial Photonic Engineering-XVI	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: Photonics Technology	15	16.12.2019 to 09.01.2020	PPT Presentation	--
2	Unit II: Modulation and Demodulation	15	13.01.2020 to 05.02.2020	--	Activity based Unit Test-I 18.01.2020
3	Unit III: Control and Management	15	06.02.2020 to 26.02.2020	Showing YouTube Videos on testbeds	--
4	Unit IV: Access Network	15	06.03.2020 to 31.03.2020	--	Unit Test II (MCQ) 22.02.2020

Date: 15.12.2019



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Teaching Plan (Semester-II)

(Dec - 2019 to March, 2020)

1. Details of Classes to be taught

Sr. No.	Class	Name of Asstt. Prof.	Subject	Paper	Total Lecturers:
1	M.Sc. I	Dr A A Yadav	Physics	P-ECS-221 Electronics Communication Systems-VIII	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: Introduction to Communication Systems and Amplitude Modulation	20	18.12.2019 to 17.01.2020	Demo of Amplitude modulation experiment	--
2	Unit II: AM Radio Receivers	10	22.01.2020 to 06.02.2020	--	Activity based Unit Test-I 27.01.2020
3	Unit III: Frequency Modulation	15	07.02.2020 to 26.02.2020	Demo of Frequency modulation experiment on 14.02.2020	--
4	Unit IV: Modern Communication Applications	15	05.03.2020 to 31.03.2020	--	Unit Test II (MCQ) 25.03.2020

Date: 15.12.2019



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