Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

Teaching Plan (Semester-I)

(July 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. Nilesh Ingale	Electronics	U-ELE-144 AC fundamentals and Circuit Analysis-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: AC Fundamentals	12	11/07/22 to 03/08/22	Animation showing AC waveform	--
2	Unit II: DC Network Theorems	12	08/08/22 to 12/09/22	YouTube video explaining Network theorem	Unit test-I Assignment (01.08.2022 to 07.08.2022)
3	Unit III: Series AC Circuits	15	13/09/22 to 11/10/22	PPT slideshow regarding unit -III	Unit Test-II (13.09.2022 to 20.09.2022)
4	Unit IV: Parallel AC circuits	06	12/10/22 to 19/10/22	--	--

Dr. Nilesh Ingale

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Date:14.07.2022

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

Teaching Plan (Semester-III)

(June 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 II Sem. III	Dr. Nilesh Ingale	Electronics	U-ELE-347 Oscillators, Multivibrators and Sweep Circuits-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: L-C Oscillators	11	23/06/22 to 15/07/22	--	(conducted by Mr. S.S. Undalkar)
2	Unit II: R-C Oscillators	11	16/07/22 to 11/08/22	YouTube video explaining working of Oscillators	Unit test-I Assignment (01.08.2022 to 07.08.2022)
3	Unit III: Multivibrators	15	12/08/22 to 15/09/22	PPT slideshow regarding unit -III	Unit Test-II (16.08.2022 to 27.08.2022)
4	Unit IV: Sweep Circuits (Time Base or Ramp Generators)	08	16/09/22 to 01/10/22	--	--

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Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

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

(December 2022 to March 2023)

1. **Details of Classes to be taught**

Sr. No.	Class	Name of Assist. Professor	Subject	Paper	Total Lecturers:
1	B.Sc. I Sem. II	Dr. N. L. Ingale	Electronics	U-ELE-246 Amplifiers and Number system	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: Transistor Biasing	12	08/12/2022 to 31/12/2022	Career Guidance	--
2	Unit II: Small Signal Amplifiers	12	05/01/2023 to 28/01/2023	IIT-JAM Questions Solving	Activity based Unit Test-I
3	Unit III: Feedback Amplifiers	12	02/02/2023 to 02/03/2023	--	
4	Unit IV: Number system	09	03/03/2023 to 23/03/2023	ICT Based Teaching	19.03.2023 Unit Test-II(MCQ)

Dr. N. L. Ingale
Date: 09/12/2022

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Teaching Plan (B.Sc. III Semester-VI)

(December 2022 to March 2023)

1. Details of Classes to be taught

Sr. No.	Class	Name of Assist. Professor	Subject	Paper	Total Lecturers:
1	B.Sc. III Sem. VI	Dr. N.L. Ingale	Electronics	U-ELE-654A Communication Electronics-II	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: Radio Receivers	12	10/12/2022 to 07/01/2023	Career Guidance	--
2	Unit II: Introduction to Optical Fibres	10	12/01/2023 to 09/02/2023	--	Activity based Unit Test-I
3	Unit III: Introduction to optical Fibres	12	10/02/2023 to 09/03/2023		
4	Unit IV: Modern Communication Application	11	10/03/2023 to 31/03/2023	ICT Based Teaching	21.03.2023 Unit Test-II(MCQ)

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

(December 2022 to March 2023)

1. Details of Classes to be taught

Sr. No.	Class	Name of Assist. Professor	Subject	Paper	Total Lecturers
1	M. Sc. -II (Sem. IV)	Dr. N.L. Ingale	Physics	P-FOA-419 Fiber optics and its Application	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: Ray theory of Transmission	15	12/12/2022 to 04/01/2023	Career Guidance	--
2	Unit II: Fibre Fabrication Techniques and Fibre Losses	15	05/01/2023 to 01/02/2023	MH-SET Questions Solving	
3	Unit III: Communication system and modulation	15	02/02/2023 to 02/03/2023	--	Unit Test-I Assignment (19/02/2023 to 28/02/2023)
4	Unit IV: Optical fibre communication and Measurements on optical fibres	15	06/03/2023 to 31/03/2023	ICT Based Teaching	Unit Test-II Activity based (15/03/2023 to 20/03/2023)

Dr. N. L. Ingale
Date:09/12/2022

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