Shiv Chhatrapati Shikshan Sanstha's

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

Structured Work Plan for Teaching

(Jan-2023 to Mar-2023)

3	M.Sc. II year	Mr. N. D. Kapale	Mathematics	Numerical Analysis

Sr. No.	Unit	Unit to be covered	Date	No. of Lectures	Academic activities to be organized	No. of Test/ Assignment with topic and date
1	UNIT – I	Iterative solutions of nonlinear equation	02 Jan 2022 to 25 Jan 2022	20	Exercise problem solving	
2	UNIT – II	Polynomial interpolation	27 Jan 2023 to 15 Feb 2023	15		Assignment on unit I and II
3	UNIT – III	Linear systems of Equations	16 Feb 2023 to 04 March 2023	10		Unit Test-I
4	UNIT – IV	Numerical Calculus	06 March 2023 To 29 Mar 2023	15		

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Structured Work Plan for Teaching

(Jan-2023 to Mar-2023)

3	M.Sc. I year	Mr. N. D. Kapale	Mathematics	Linear Algebra

Sr. No.	Unit	Unit to be covered	Date	No. of Lectures	Academic activities to be organized	No. of Test/ Assignment with topic and date
1	UNIT – I	Vector space and Subspaces	13 Jan 2023 to 6 Feb 2023	20	Exercise problem solving	
2	UNIT – II	Linear Transformations	7 Feb 2023 to 28 Feb 2023	15		Assignment on unit I and II
3	UNIT – III	Matrices and Invariant Subspaces	01 March 2023 to 13 March 2023	10		Unit Test-I
4	UNIT – IV	Inner product Spaces and Bilinear Forms	14 March 2023 To 05 Feb 2023	15		

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(Jan-2023 to Mar-2023)

Sr. No.	Class	Name of the Teacher	Subject	Paper
1	B.Sc. I Year	Mr. N. D. Kapale	Mathematics	Analytical Geometry

Sr. No.	Unit	Unit to be covered	Date	No. of Lectures	Academic activities to be organized	No. of Test/ Assignment with topic and date
1	UNIT – I	Change of axes	02 Jan 2022 to 23 Jan 2023	15	Exercise problem solving	
2	UNIT – II	The plane	24 Jan 2023 to 17 Feb 2023	15		Assignment on unit I and II
3	UNIT – III	Right line	18 Feb 2023 to 10 March 2023	15		Unit Test-I
4	UNIT – IV	The sphere	11 Mar 2023 to 29 Mar 2023	15		

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(Jan-2023 to Mar-2023)

3	M.Sc. II year	Mr. N. D. Kapale	Mathematics	Numerical Analysis

Sr. No.	Unit	Unit to be covered	Date	No. of Lectures	Academic activities to be organized	No. of Test/ Assignment with topic and date
1	UNIT – I	Iterative solutions of nonlinear equation	02 Jan 2022 to 25 Jan 2022	20	Exercise problem solving	
2	UNIT – II	Polynomial interpolation	27 Jan 2023 to 15 Feb 2023	15		Assignment on unit I and II
3	UNIT – III	Linear systems of Equations	16 Feb 2023 to 04 March 2023	10		Unit Test-I
4	UNIT – IV	Numerical Calculus	06 March 2023 To 29 Mar 2023	15		

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(Jan-2023 to Mar-2023)

3	M.Sc. I year	Mr. N. D. Kapale	Mathematics	Linear Algebra

Sr. No.	Unit	Unit to be covered	Date	No. of Lectures	Academic activities to be organized	No. of Test/ Assignment with topic and date
1	UNIT – I	Vector space and Subspaces	13 Jan 2023 to 6 Feb 2023	20	Exercise problem solving	
2	UNIT – II	Linear Transformations	7 Feb 2023 to 28 Feb 2023	15		Assignment on unit I and II
3	UNIT – III	Matrices and Invariant Subspaces	01 March 2023 to 13 March 2023	10		Unit Test-I
4	UNIT – IV	Inner product Spaces and Bilinear Forms	14 March 2023 To 05 Feb 2023	15		

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Sr. No.	Class	Name of the Teacher	Subject	Paper
1	B.Sc. I Year	Mr. N. D. Kapale	Mathematics	Analytical Geometry

Sr. No.	Unit	Unit to be covered	Date	No. of Lectures	Academic activities to be organized	No. of Test/ Assignment with topic and date
1	UNIT – I	Change of axes	02 Jan 2022 to 23 Jan 2023	15	Exercise problem solving	
2	UNIT – II	The plane	24 Jan 2023 to 17 Feb 2023	15		Assignment on unit I and II
3	UNIT – III	Right line	18 Feb 2023 to 10 March 2023	15		Unit Test-I
4	UNIT – IV	The sphere	11 Mar 2023 to 29 Mar 2023	15		

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(Jan-2023 to Mar-2023)

4	B.Sc. III Year	Mr. N. D. Kapale	Mathematics	Theory of Probability(Practical)

Sr. No.	Unit	Practical to be covered	Date	No. of Lectures	Academic activities to be organized	No. of Test/ Assignment with topic and date
1	UNIT – I	Practical-1 to Practical-10	2 Jan 2022 To 23 Jan 2023	15	Problem Solving	Homework problems
2	UNIT – II	Practical-11 to Practical-20	24 Jan 2023 to 23 Feb 2023	15	Problem Solving	Homework problems
3	UNIT – III	Practical-21 to Practical-30	24 Feb 2023 To 29 Mar 2023	15	Problem Solving	Homework problems

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(Jan-2023 to Mar-2023)

4	B.Sc. III Year	Mr. N. D. Kapale	Mathematics	Theory of Probability(Practical)

Sr. No.	Unit	Practical to be covered	Date	No. of Lectures	Academic activities to be organized	No. of Test/ Assignment with topic and date
1	UNIT – I	Practical-1 to Practical-10	2 Jan 2022 To 23 Jan 2023	15	Problem Solving	Homework problems
2	UNIT – II	Practical-11 to Practical-20	24 Jan 2023 to 23 Feb 2023	15	Problem Solving	Homework problems
3	UNIT – III	Practical-21 to Practical-30	24 Feb 2023 To 29 Mar 2023	15	Problem Solving	Homework problems

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