

NUTAN ART'S COLLEGE, RAJAPUR
Teaching plan for the Year -2025-26

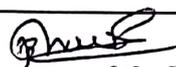
Name of the Teacher- Asst.Prof. Bhawar S.C
Class :-F.Y.B.Sc **Subject – MTS-101 Algebra & Calculus-I (Sem-I)**
Month - July **Date:- 01/07/2025 To Date:- 31/07/2025**

Sr.Week	Topics Planned	Topics Covered	Teaching tool/met hods used	No.of Lectures planned	No.of Lectures conducted	Remarks (level /extra lecture etc.
1 st Week	<u>Chap -01 Integers</u> 1.1 Well ordering principle and principle of Mathematical Induction (1 st Principle)	<u>Chap -01 Integers</u> 1.1 Well ordering principle and principle of Mathematical Induction (1 st Principle)	BBCL	02	02	
2 nd Week	<u>Chap -01 Integers</u> 1.1 Well ordering principle and principle of Mathematical Induction (1 st Principle)	<u>Chap -01 Integers</u> 1.1 Well ordering principle and principle of Mathematical Induction (1 st Principle)	BBCL	02	02	
3 rd Week	1.2 Divisibility in Integers- Definition, Division Algorithm, Greatest common Divisor(GCD) , Least Common Multiple (LCM) of Integers.	1.2 Divisibility in Integers- Definition, Division Algorithm, Greatest common Divisor(GCD) , Least Common Multiple (LCM) of Integers.	BBCL	02	02	

4th Week	1.2 Divisibility in Integers- Definition, Division Algorithm, Greatest common Divisor(GCD) , Least Common Multiple (LCM) of Integers.	.1 .2 Divisibility in Integers- Definition, Division Algorithm, Greatest common Divisor(GCD) , Least Common multiple (LCM) of Integers.	BBCL	02	02	
5th Week	1.2 basic properties of GCD, Euclidean Algorithm, relatively prime integers	1.2 basic properties of GCD, Euclidean Algorithm, relatively prime integers	BBCL	02	02	

Total No.of Lectures Planned during the month - 10 .
Total No of lecturer Conducted during the month - 10


Plan checked By HOD


Signature of the Teacher


Principal
Nutan Arts College, Rajapur
Tal. Sangamner, Dist. Ahilyanagar-422605

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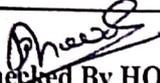
Name of the Teacher- Asst.Prof. Bhawar S.C
Class :-F.Y.B.Sc **Subject – MTS-101 Algebra & Calculus-I (Sem-I)**
Month - August **Date:- 01/08/2025 To Date:- 31/08/2025**

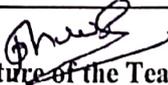
Sr.Week	Topics Planned	Topics Covered	Teaching tool/meth ods used	No.of Lectures planned	No.of Lectures conducted	marks level/ extra etc.
1 st Week	1.3 Prime Numbers- Definition, fundamental theorem of Arithmetic, Euclid's Lemma.	1.3 Prime Numbers- Definition, fundamental theorem of Arithmetic, Euclid's Lemma.	LBBC	01	01	
2 nd Week	1.3, Theory of Congruences, basic properties, Fermat's theorem, Euler's phi function Euler's theorem	1.3 Theory of Congruences, basic properties, Fermat's theorem, Euler's phi function Euler's theorem	LBBC	02	02	Extra Lec
3 rd Week	<u>Chap -02</u> <u>Polynomials</u> 2.1 Definition of Polynomial, algebra of polynomials, division algorithm and examples_.	<u>Chap -02</u> <u>Polynomials</u> 2.1 Definition of Polynomial, algebra of polynomials, division algorithm and examples_.	LBBC	02	02	
4 th Week	2.1 Greatest Common Divisor(G.C.D) of Two polynomials	2.1 Greatest Common Divisor(G.C.D) of Two polynomials	LBBC	02	02	

5 th Week	2.2 Synthetic Division	2.2 Synthetic Division	LBBC	02	01	Ganesh Chaturthi
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Total No. of Lectures Planned during the month - 09 .

Total No of lecturer Conducted during the month - 08


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Principal
Nutan Arts College, Raipur
Tal. Sangamner, Dist. Ahil



NUTAN ART'S COLLEGE, RAJAPUR
Teaching plan for the Year -2025-26

Name of the Teacher- Asst.Prof. Bhawar S.C

Class :-F.Y.B.Sc

Subject – MTS-101 Algebra & Calculus-I (Sem-I)

Month – September

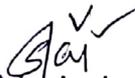
Date:- 01/09/2025 To Date:- 30/09/2025

Sr.Week	Topics Planned	Topics Covered	Teaching tool/met hods used	No.of Lectures planned	No.of Lectures conducted	Remarks (level /extra lecture etc.
1 st Week	2.2 Remainder theorem, Factor theorem	2.2 Remainder theorem, Factor theorem	BBCL	02	02	Extra Lec
2 nd Week	<u>Chap -03</u> <u>Real Numbers</u> 3.1 Number system- N ,Z,Q,R , Algebraic and Order properties of R	<u>Chap -03</u> <u>Real Numbers</u> 3.1 Number system- N ,Z,Q,R , Algebraic and Order properties of R	BBCL	02	02	
3 rd Week	3.2 Absolute Value of Real Numbers, geometrical meaning, Absolute value properties of R.	3.2 Absolute Value of Real Numbers, geometrical meaning, Absolute value properties of R	BBCL	02	02	
4 th Week	3.3 Boundedness or R – Neighbourhood of a point on real line, intervals, Lower Bound,Upper bound and Examples,Well Ordering Principle of N.	3.3 Boundedness or R – Neighbourhood of a point on real line,intervals, Lower Bound,Upper bound and Examples,Well Ordering Principle of N.	BBCL	02	02	
5 th Week						

Total No. of Lectures Planned during the month - 08 .
Total No of lecturer Conducted during the month - 08


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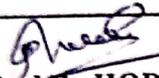
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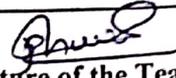
Name of the Teacher- Asst.Prof. Binwar S.C
Class :-F.Y.B.Sc Subject – MTS-101 Algebra & Calculus-I (Sem-I)
Month – October Date:- 01/10/2025 To Date:- 17/10/2025

Sr.Week	Topics Planned	Topics Covered	Teaching tool/met hods used	No.of Lectures planned	No.of Lectures conducted	Remarks (level /extra lecture etc.
1 st Week	<u>Chap -04 Limits and Continuity</u> 4.1 Limits of Real valued funtion	<u>Chap -04 Limits and Continuity</u> 4.1 Limits of Real valued funtion	LBBC	02	01	2 Oct Holiday
2 nd Week	4.1 Definition and examples, Algebra of limits and examples.	4.1 Definition and examples, Algebra of limits and examples.	LBBC	02	02	
3 rd Week	4.2 Limit Theorems- Squeeze theorem and some results. 4.3 Continuity- Definition of deleted neighbourhood of a point, Continuity of a function at a point. Definitions and examples.	4.2 Limit Theorems- Squeeze theorem and some results. 4.3 Continuity- Definition of deleted neighbourhood of a point, Continuity of a function at a point. Definitions and examples.	LBBC	02	02	Extra lec
4 th Week	4.3 Algebra of Continuous functions, properties, Continuity aon an interval – Definition and examples.	4.3 Algebra of Continuous functions, properties, Continuity aon an interval – Definition and examples.	LBBC	02	02	Extra lec

5th Week						
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Total No. of Lectures Planned during the month - 08 .
Total No of lecturer Conducted during the month - 07


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