

**SATISH PUBLIC COLLEGE OF EDUCATION, REWARI**  
**LESSON PLAN: TEACHING OF MATHEMATICS (2018-19)**

NAME OF ASSISTANT PROFESSOR: DR. CHIRAG

CLASS: B.ED. FIRST YEAR

**SUBJECT: Pedagogy of Mathematics**

<b>Month: SEPTEMBER, 2018</b> <b>WEEK : 2</b>	<b>WEEK: 3</b>
DAY: 1 Orientation of subject	DAY: 1 Micro Teaching Skills
DAY: 2 Concept of Micro teaching Practice	DAY: 2 Micro Teaching Skills
DAY: 3 Objectives & Assumptions of Micro Teaching	DAY: 3 Micro Teaching Skills
DAY: 4 Objectives & Assumptions of Micro Teaching	DAY: 4 Micro Teaching Skills
DAY: 5 Micro Teaching Cycle	DAY: 5 Micro Teaching Skills
DAY: 6 Micro Teaching Skills	DAY: 6 Micro Teaching Skills
<b>Month: SEPTEMBER, 2018</b> <b>WEEK : 4</b>	<b>Month: October, 2018</b> <b>WEEK: 1</b>
DAY: 1 Lesson planning	DAY: 1 Scope of Mathematics
DAY: 2 Lesson planning	DAY: 2 Aims & Objectives of Teaching of Maths
DAY: 3 Lesson planning	DAY: 3 Difference between aims & objectives
DAY: 4 Introduction of Syllabus	DAY: 4 General aims of teaching of maths
DAY: 5 Meaning & Definition of Mathematics	DAY: 5 Blooms Taxonomy
DAY: 6 Nature of Mathematics	DAY: 6 Mathematical Propositions

<b>Month: OCTOBER, 2018</b> <b>WEEK : 2</b>	<b>WEEK: 3</b>
DAY: 1 Mathematical theorem and its variants	DAY: 1 Revision of Unit-1
DAY: 2 Assignments and projects	DAY: 2 Revision and queries of Unit-1
DAY: 3 History of number system	DAY: 3 Holiday of Dusshera
DAY: 4 History of weights and measures	DAY: 4 Holiday of Dusshera
DAY: 5 Precision & Beauty in mathematics	DAY: 5 Unit Test
DAY: 6 Precision & Beauty in mathematics	DAY: 6 Unit Test

<b>Month: OCTOBER, 2018</b> <b>WEEK : 4</b> <b>Unit-2</b> <b>Chapter-1 Development of Curriculum in Mathematics</b>	<b>NOVEMBER, 2018</b> <b>Unit-2</b> <b>WEEK: 1</b>
DAY: 1 Meaning of Curriculum	DAY: 1 Pedagogical Analysis
DAY: 2 Objectives of Curriculum	DAY: 2 Difference between content and pedagogical analysis
DAY: 3 Principles of curriculum development	DAY: 3 Pedagogical analysis of Set
DAY: 4 Recent curriculum reforms in maths	DAY: 4 Pedagogical analysis of Volume
DAY: 5 Recent curriculum reforms in maths	DAY: 5 Pedagogical analysis of Trigonometry
DAY: 6 Content Analysis	DAY: 6 Diwali Break

<b>Month: NOVEMBER, 2018</b> <b>WEEK : 2</b>	<b>WEEK: 3</b> <b>CHAPTER-2</b>
DAY: 1 DIWALI BREAK	DAY: 1 Inductive Method
DAY: 2 DIWALI BREAK	DAY: 2 Deductive method
DAY: 3 DIWALI BREAK	DAY: 3 Difference b/w inductive & deductive method
DAY: 4 DIWALI BREAK	DAY: 4 Analytic method
DAY: 5 DIWALI BREAK	DAY: 5 Synthetic method
DAY: 6 DIWALI BREAK	DAY: 6 Difference b/w analytic & Synthetic method

<b>Month: NOVEMBER, 2018</b> <b>WEEK : 4</b>	<b>Month: DECEMBER, 2018</b> <b>WEEK: 1</b> <b>Unit-3</b>
DAY: 1 Problem Solving Method	DAY: 1 Introduction
DAY: 2 Heuristic Method	DAY: 2 Importance of summer programmes
DAY: 3 Revision of Unit-2	DAY: 3 Correspondence courses
DAY: 4 Revision of Unit-2	DAY: 4 Mathematics club: concept & need
DAY: 5 Unit Test	DAY: 5 contests and fairs
DAY: 6 Holiday	DAY: 6 concept of Mathematics lab

<b>Month: DECEMBER,, 2018</b> <b>WEEK : 2</b>	<b>Month: DECEMBER, 2018</b> <b>WEEK: 3</b> <b>Unit-3</b>
DAY: 1 Effective use of maths lab.	DAY: 1 Introduction skill
DAY: 2 Importance of recreational activities	DAY: 2 components of introduction skill
DAY: 3 Types of teaching aids	DAY: 3 probing questioning
DAY: 4 Types of teaching aids	DAY: 4 skill of class room management
Chapter-2 DAY: 5 Introduction	DAY: 5 skill of illustration with examples
DAY: 6 Micro teaching skills	DAY: 6 skill of reinforcement

<b>Month: DECEMBER, 2018</b> <b>WEEK : 4</b>	
DAY: 1 Revision of all the micro skills	
DAY: 2 Preparation and checking of micro lessons	
DAY: 3 Preparation and checking of micro lessons	
DAY: 4 Preparation and checking of micro lessons	
DAY: 5 Preparation and checking of micro lessons	
DAY: 6 Application of ICT in teaching of maths	