

**TEACHING PLAN**  
**SBMS COLLEGE, SUALKUCHI**  
**Session: 2019-20**

<b>Department:</b>	<b>Mathematics</b>	<b>Semester</b>	<b>I</b>
<b>Course:</b>	<b>Honours</b>	<b>Paper No:</b>	<b>MAT-HC-1016</b>
<b>Credit:</b>	<b>6</b>	<b>Marks:</b>	<b>100(80+20)</b>

<b>Paper : I, Paper Name: Calculus</b>				
<b>Unit</b>	<b>Course Content</b>	<b>Allotted to</b>	<b>Hours</b>	<b>Month</b>
<b>I</b>	<b>Hyperbolic Functions, L'Hospital Rule</b>	<b>K.Baishya</b>	<b>15Hrs</b>	<b>Aug(2-25)</b>
<b>II</b>	<b>Reduction Formula, area of surface revolution</b>	<b>C .K. Uzir.</b>	<b>16 Hrs</b>	<b>Aug(16-29)</b>
<b>III</b>	<b>Tangent and normal component of acceleration, Keplers law</b>	<b>K. Baishya.</b>	<b>10 Hrs</b>	<b>Aug26-Sept.10</b>
<b>III</b>	<b>Triple product, vector functions</b>	<b>K. Sarma.</b>	<b>10Hrs</b>	<b>Aug(1-18)</b>
<b>IV</b>	<b>Practical</b>	<b>K. Baishya</b>	<b>15 Hrs</b>	<b>Sept.12-Oct.10</b>

**Session 2019-20**

<b>Department:</b>	<b>Mathematics</b>	<b>Semester</b>	<b>I</b>
<b>Course:</b>	<b>Honours</b>	<b>Paper No:</b>	<b>MAT-HC-1026</b>
<b>Credit:</b>	<b>6</b>	<b>Marks:</b>	<b>100(80+20)</b>

<b>Paper : II Paper Name : Algebra</b>				
<b>Unit</b>	<b>Course Content</b>	<b>Allotted to</b>	<b>Hours</b>	<b>Month</b>
<b>I</b>	<b>Polar representation of complex number, De Moiver's theorem etc.</b>	<b>K. Baishya</b>	<b>15Hrs</b>	<b>Sept.(12-28)</b>
<b>II</b>	<b>Statement and logic, etc.</b>	<b>C.K.Uzir</b>	<b>16 Hrs</b>	<b>Sept.10-Oct5</b>
<b>III</b>	<b>System of linear equations etc.</b>	<b>K. Sarma</b>	<b>20 Hrs</b>	<b>Aug 14-Sept28</b>

**Session2019-20**

<b>Department:</b>	<b>Mathematics</b>	<b>Semester</b>	<b>I</b>
<b>Course:</b>	<b>Regular</b>	<b>Paper No:</b>	<b>MAT-RC-1016</b>
<b>Credit:</b>	<b>6</b>	<b>Marks:</b>	<b>100(80+20)</b>

**Paper: 1****Paper Name: Calculus**

<b>Unit</b>	<b>Course Content</b>	<b>Allotted to</b>	<b>Hours</b>	<b>Month</b>
<b>I</b>	<b>Graphs and logarithmic functions</b>	<b>K. Baishya</b>	<b>8 Hrs</b>	<b>Aug(2-15)</b>
<b>II</b>	<b>Limit and continuity</b>	<b>C .K. Uzir.</b>	<b>6 Hrs</b>	<b>Aug(2-14)</b>
<b>III</b>	<b>Differentiability, Leibnitz Theorem</b>	<b>K. Baishya.</b>	<b>15 Hrs</b>	<b>Aug17-Sept.05</b>
<b>IV</b>	<b>Rolle's theorem</b>	<b>K. Sarma.</b>	<b>20Hrs</b>	<b>Aug16-Sept10</b>
<b>V</b>	<b>Functions of two or more variables, Partial differentiation</b>	<b>K.Baishya</b>	<b>15 Hrs</b>	<b>Sept.06-Oct.10</b>

**Session: 2019-20**

<b>Department:</b>	<b>Mathematics</b>	<b>Semester</b>	<b>III</b>
<b>Course:</b>	<b>Honours</b>	<b>Paper No:</b>	<b>MAT-HC-3016</b>
<b>Credit:</b>	<b>6</b>	<b>Marks:</b>	<b>100(80+20)</b>

<b>Paper:1</b>					
<b>Paper Name: Theory of real Functions</b>					
<b>Unit</b>	<b>Course Content</b>	<b>Allotted to</b>	<b>Marks</b>	<b>Hours</b>	<b>Month</b>
<b>I</b>	<b>Cluster point etc</b>	<b>C. K. Uzir.</b>	<b>15</b>	<b>16Hrs</b>	<b>Aug(2-30)</b>
<b>II</b>	<b>Continuous function etc.</b>	<b>C .K. Uzir.</b>	<b>20</b>	<b>26 Hrs</b>	<b>Sept(2-30)</b>
<b>III</b>	<b>Differentiability etc.</b>	<b>K. Sarma</b>	<b>15</b>	<b>16 Hrs</b>	<b>Aug(2-30)</b>
<b>IV</b>	<b>L'Hospital Rule etc.</b>	<b>K. Baishya</b>	<b>15</b>	<b>16Hrs</b>	<b>Aug(2-20)</b>

**Session 2019-20**

<b>Department:</b>	<b>Mathematics</b>	<b>Semester</b>	<b>III</b>
<b>Course:</b>	<b>Honours</b>	<b>Paper No:</b>	<b>MAT-HC-3026</b>
<b>Credit:</b>	<b>6</b>	<b>Marks:</b>	<b>100(80+20)</b>

<b>Paper:II , Paper Name: Group Theory-I</b>				
<b>Unit</b>	<b>Course Content</b>	<b>Allotted to</b>	<b>Hours</b>	<b>Month</b>
<b>I</b>	<b>Symmetries of a square etc.</b>	<b>C. K. Uzir.</b>	<b>12Hrs</b>	<b>Aug(05-30)</b>
<b>II</b>	<b>Cycle notation for permutations etc.</b>	<b>C .K. Uzir.</b>	<b>16 Hrs</b>	<b>Sept(2-15)</b>
<b>II</b>	<b>Lagrange's Theorem etc.</b>	<b>K. Baishya</b>	<b>12 Hrs</b>	<b>Aug 20- Sept.05</b>
<b>III</b>	<b>Group homomorphism etc.</b>	<b>K. Baishya</b>	<b>17Hrs</b>	<b>Sept(06-30)</b>

**Session 2019-20**

<b>Department:</b>	<b>Mathematics</b>	<b>Semester</b>	<b>III</b>
<b>Course:</b>	<b>Honours</b>	<b>Paper No:</b>	<b>MAT-HC-3036</b>
<b>Credit:</b>	<b>6</b>	<b>Marks:</b>	<b>100(80+20)</b>

<b>Paper :III, Paper Name: Analytical Geometry</b>				
<b>Unit</b>	<b>Course Content</b>	<b>Allotted to</b>	<b>Hours</b>	<b>Month</b>
<b>I</b>	<b>Transformation of coordinates, tangent Normal etc.</b>	<b>K.Baishya</b>	<b>25 Hrs</b>	<b>Sept.2-Oct25</b>
<b>II</b>	<b>Plane shortest distance etc,</b>	<b>K. Sarma.</b>	<b>10Hrs</b>	<b>Sept.1-25</b>
<b>II</b>	<b>Sphere cone etc.</b>	<b>C K Uzir</b>	<b>18Hrs</b>	<b>Sept10-Oct. 12</b>

**Session: 2019-2020**

<b>Department:</b>	<b>Mathematics</b>	<b>Semester</b>	<b>III</b>
<b>Course:</b>	<b>Regular</b>	<b>Paper No:</b>	<b>MAT-RC-3016</b>
<b>Credit:</b>	<b>6</b>	<b>Marks:</b>	<b>100(80+20)</b>

<b>Paper :I      Paper Name : Differential Equations</b>				
<b>Unit</b>	<b>Course Content</b>	<b>Allotted to</b>	<b>Hours</b>	<b>Month</b>
<b>I</b>	<b>First order Ordinary Differential Equations</b>	<b>K. Baishya</b>	<b>25 Hrs</b>	<b>Aug2-Sept.10</b>
<b>II</b>	<b>Second Order Linear Differential Equations</b>	<b>K. Baishya</b>	<b>20Hrs</b>	<b>Sept11-Oct20</b>

**Session: 2019-2020**

<b>Department:</b>	<b>Mathematics</b>	<b>Semester</b>	<b>V</b>
<b>Course:</b>	<b>Honours</b>	<b>Paper No:</b>	<b>MAT-HC-5016</b>
<b>Credit:</b>	<b>6</b>	<b>Marks:</b>	<b>100(80+20)</b>

<b>Paper :I      Paper Name : Complex Analysis</b>				
<b>Unit</b>	<b>Course Content</b>	<b>Allotted to</b>	<b>Hours</b>	<b>Month</b>
<b>I</b>	<b>Properties of Complex Numbers etc.</b>	<b>K. Baishya</b>	<b>08 Hrs.</b>	<b>Aug(02-16)</b>
<b>II</b>	<b>Analytical functions etc.</b>	<b>K. Baishya</b>	<b>7 Hrs.</b>	<b>Aug(17-26)</b>
<b>III</b>	<b>Contours etc.</b>	<b>K. Baishya</b>	<b>8 Hrs</b>	<b>Aug. 27- Sept.08</b>
<b>IV</b>	<b>Antiderivatives etc.</b>	<b>K.Baishya</b>	<b>12 Hrs.</b>	<b>Sept09-25</b>
<b>V</b>	<b>Practical</b>	<b>K. Baishya</b>	<b>10 Hrs.</b>	<b>Sept26-Oct25</b>



**Session 2019-20**

<b>Department:</b>	<b>Mathematics</b>	<b>Semester</b>	<b>V</b>
<b>Course:</b>	<b>Major</b>	<b>Paper No:</b>	<b>MAT-HC-5026</b>
<b>Credit:</b>	<b>6</b>	<b>Marks:</b>	<b>100(80+20)</b>

<b>Paper :II, Paper Name : Linear Algebra</b>				
<b>Unit</b>	<b>Course Content</b>	<b>Allotted to</b>	<b>Hours</b>	<b>Month</b>
<b>I</b>	<b>Vector spaces and subspaces etc.</b>	<b>C.K.Uzir</b>	<b>12 Hrs</b>	<b>Aug2-.18</b>
<b>II</b>	<b>Eigenvectors and eigenvalues etc</b>	<b>C. K. Uzir</b>	<b>14Hrs</b>	<b>Aug 19- Sept12</b>
<b>III</b>	<b>Inner Product etc.</b>	<b>C. K. Uzir</b>	<b>22Hrs</b>	<b>Sept. 13- Oct.18</b>

**Session2019-20**

<b>Department:</b>	<b>Mathematics</b>	<b>Semester</b>	<b>V</b>
<b>Course:</b>	<b>Honours</b>	<b>Paper No:</b>	<b>MAT-HE-5116</b>
<b>Credit:</b>	<b>6</b>	<b>Marks:</b>	<b>100(80+20)</b>

<b>Paper : III, Paper Name : Number Theory</b>				
<b>Unit</b>	<b>Course Content</b>	<b>Allotted to</b>	<b>Hours</b>	<b>Month</b>
<b>I</b>	<b>Linear Diophantine equation etc.</b>	<b>C .K. Uzir</b>	<b>24 Hrs</b>	<b>Aug20-Sept.18</b>
<b>II</b>	<b>Number Theoretic functions etc.</b>	<b>C. K. Uzir</b>	<b>25Hrs</b>	<b>Sept19-Oct20</b>

**Session 2019-20**

<b>Department:</b>	<b>Mathematics</b>	<b>Semester</b>	<b>V</b>
<b>Course:</b>	<b>Honours</b>	<b>Paper No:</b>	<b>MAT-HE-5066</b>
<b>Credit:</b>	<b>6</b>	<b>Marks:</b>	<b>100(80+20)</b>

<b>Paper : IV, Paper Name: Programming in C</b>				
<b>Unit</b>	<b>Course Content</b>	<b>Allotted to</b>	<b>Hours</b>	<b>Month</b>
<b>I</b>	<b>Variables, functions etc</b>	<b>K. Baishya</b>	<b>14 Hrs</b>	<b>Aug(2-20)</b>
<b>II</b>	<b>Control Statements etc</b>	<b>K. Sarma.</b>	<b>12Hrs</b>	<b>Aug 2-16</b>
<b>III</b>	<b>Arrays and Subscripted variables etc</b>	<b>K. Sarma</b>	<b>14Hrs</b>	<b>Aug (17-30)</b>
<b>IV</b>	<b>Practical</b>	<b>K. Baishya</b>	<b>14Hrs</b>	<b>Aug21-Oct 15</b>

**Session 2019-20**

<b>Department:</b>	<b>Mathematics</b>	<b>Semester</b>	<b>V</b>
<b>Course:</b>	<b>Regular</b>	<b>Paper No:</b>	<b>MAT-RE-5116</b>
<b>Credit:</b>	<b>6</b>	<b>Marks:</b>	<b>100(80+20)</b>

<b>Paper: I, Paper Name: Number Theory</b>				
<b>Unit</b>	<b>Course Content</b>	<b>Allotted to</b>	<b>Hours</b>	<b>Month</b>
<b>I</b>	<b>Linear Diophantine equation etc</b>	<b>C. K. Uzir</b>	<b>20 Hrs</b>	<b>Aug(2-30)</b>
<b>II</b>	<b>Number theoretic functions etc</b>	<b>C. K. Uzir</b>	<b>25Hrs</b>	<b>Sept.1-Oct10</b>

**Session: 2019-20**

<b>Department:</b>	<b>Mathematics</b>	<b>Semester</b>	<b>II</b>
<b>Course:</b>	<b>Honours</b>	<b>Paper No:</b>	<b>MAT-HC-2016</b>
<b>Credit:</b>	<b>6</b>	<b>Marks:</b>	<b>100(80+20)</b>

<b>Paper:I, Paper Name: Real Analysis</b>				
<b>Unit</b>	<b>Course Content</b>	<b>Allotted to</b>	<b>Hours</b>	<b>Month</b>
<b>I</b>	<b>Algebraic and order properties etc</b>	<b>C.K Uzir</b>	<b>15Hrs</b>	<b>Feb.(2-18)</b>
<b>II</b>	<b>Real sequences etc.</b>	<b>K. Sarma</b>	<b>18 Hrs</b>	<b>Feb.(2- 28)</b>
<b>III</b>	<b>Infinite series etc</b>	<b>K. Baishya</b>	<b>20 Hrs</b>	<b>Feb.(1-28)</b>

**Session2019-20**

<b>Department:</b>	<b>Mathematics</b>	<b>Semester</b>	<b>II</b>
<b>Course:</b>	<b>Honours</b>	<b>Paper No:</b>	<b>MAT-HC-2026</b>
<b>Credit:</b>	<b>6</b>	<b>Marks:</b>	<b>100(80+20)</b>

<b>Paper: II      Paper Name : Differential Equations</b>				
<b>Unit</b>	<b>Course Content</b>	<b>Allotted to</b>	<b>Hours</b>	<b>Month</b>
<b>I</b>	<b>Origin of ordinary differential equation and mathematical model</b>	<b>K.Baishya</b>	<b>18Hrs</b>	<b>Feb.(2-28)</b>
<b>II</b>	<b>Introduction to Compartmental model etc</b>	<b>K.Baishya</b>	<b>15 Hrs</b>	<b>March 1-18</b>
<b>III</b>	<b>Homogenous Equations etc</b>	<b>K.Baishya</b>	<b>16 Hrs</b>	<b>March19- April8</b>

**Session: 2019-20**

<b>Department:</b>	<b>Mathematics</b>	<b>Semester</b>	<b>II</b>
<b>Course:</b>	<b>Regular</b>	<b>Paper No:</b>	<b>MAT-RC-2016</b>
<b>Credit:</b>	<b>6</b>	<b>Marks:</b>	<b>100(80+20)</b>

<b>Paper: I, Paper Name: Algebra</b>				
<b>Unit</b>	<b>Course Content</b>	<b>Allotted to</b>	<b>Hours</b>	<b>Month</b>
<b>I</b>	<b>Theory of Equations</b>	<b>K. Sarma</b>	<b>20Hrs</b>	<b>Feb.(2-28)</b>
<b>II</b>	<b>Matrices</b>	<b>C.K. Uzir</b>	<b>20Hrs</b>	<b>Feb.(2-28)</b>
<b>III</b>	<b>Groups, Rings</b>	<b>C.K. Uzir</b>	<b>20 Hrs</b>	<b>March(01-30)</b>

**Session: 2019-20**

<b>Department:</b>	<b>Mathematics</b>	<b>Semester</b>	<b>IV</b>
<b>Course:</b>	<b>Major</b>	<b>Paper No:</b>	<b>MAT-HC-4016</b>
<b>Credit:</b>	<b>6</b>	<b>Marks:</b>	<b>100(80+20)</b>

<b>Paper :I, Paper Name: Multivariate Calculus</b>				
<b>Unit</b>	<b>Course Content</b>	<b>Allotted to</b>	<b>Hours</b>	<b>Month</b>
<b>I</b>	<b>Function of several variables, etc.</b>	<b>K. Baishya</b>	<b>18 Hrs</b>	<b>Feb.(2-28)</b>
<b>II</b>	<b>Extrema of functions of two variables</b>	<b>K. Baishya</b>	<b>16 Hrs</b>	<b>March 1-22</b>
<b>III</b>	<b>Double Integration etc</b>	<b>K Baishya</b>	<b>12 Hrs</b>	<b>Mar.23- April13</b>
<b>IV</b>	<b>Line Integral etc</b>	<b>K. Baishya</b>	<b>15 Hrs</b>	<b>April(14-30)</b>



**Session: 2019-20**

<b>Department:</b>	<b>Mathematics</b>	<b>Semester</b>	<b>IV</b>
<b>Course:</b>	<b>Major</b>	<b>Paper No:</b>	<b>MAT-HC-4026</b>
<b>Credit:</b>	<b>6</b>	<b>Marks:</b>	<b>100(80+20)</b>

<b>Paper:II, Paper Name: Numerical Methods</b>				
<b>Unit</b>	<b>Course Content</b>	<b>Allotted to</b>	<b>Hours</b>	<b>Month</b>
<b>I</b>	<b>Algorithms etc.</b>	<b>K. Sarma</b>	<b>20Hrs</b>	<b>Feb.02-28</b>
<b>II</b>	<b>Interpolation formula</b>	<b>K. Sarma</b>	<b>10Hrs</b>	<b>March 1-15</b>
<b>III</b>	<b>Numerical Differentiation</b>	<b>K.Sarma</b>	<b>10Hrs</b>	<b>March13-April08</b>
<b>IV</b>	<b>Practical</b>	<b>K. Baishya</b>	<b>10 Hrs</b>	<b>March15-April 14</b>

**Session: 2019-20**

<b>Department:</b>	<b>Mathematics</b>	<b>Semester</b>	<b>IV</b>
<b>Course:</b>	<b>Honours</b>	<b>Paper No:</b>	<b>MAT-HC-4036</b>
<b>Credit:</b>	<b>6</b>	<b>Marks:</b>	<b>100(80+20)</b>

<b>Paper: III, Paper Name : Ring Theory</b>				
<b>Unit</b>	<b>Course Content</b>	<b>Allotted to</b>	<b>Hours</b>	<b>Month</b>
<b>I</b>	<b>Definition and examples of ring etc</b>	<b>C. K. Uzir</b>	<b>20Hrs</b>	<b>Feb.(2-28)</b>
<b>II</b>	<b>Polynomial ring etc</b>	<b>C.K. Uzir</b>	<b>20Hrs</b>	<b>March01-April05</b>

**Session: 2019-20**

<b>Department:</b>	<b>Mathematics</b>	<b>Semester</b>	<b>IV</b>
<b>Course:</b>	<b>Regular</b>	<b>Paper No:</b>	<b>MAT-RC-4016</b>
<b>Credit:</b>	<b>6</b>	<b>Marks:</b>	<b>100(80+20)</b>

<b>Paper: I, Paper Name: Real Analysis</b>				
<b>Unit</b>	<b>Course Content</b>	<b>Allotted to</b>	<b>Hours</b>	<b>Month</b>
<b>I</b>	<b>Order completeness of Real Numbers etc.</b>	<b>C.K.Uzir</b>	<b>20Hrs</b>	<b>Feb 2- March 12</b>
<b>II</b>	<b>Sequences, Leibnitz Test, Conditional convergence etc</b>	<b>K Baishya</b>	<b>25Hrs</b>	<b>Feb 5-March 24</b>

**Session: 2019-20**

<b>Department:</b>	<b>Mathematics</b>	<b>Semester</b>	<b>VI</b>
<b>Course:</b>	<b>Honours</b>	<b>Paper No:</b>	<b>M-6016</b>
<b>Credit:</b>	<b>6</b>	<b>Marks:</b>	<b>100(80+20)</b>

<b>Paper :I , Paper Name: Riemann Integration and Metric spaces</b>				
<b>I</b>	<b>Riemann Integration, Gamma functions etc</b>	<b>K. Sarma</b>	<b>20 Hrs</b>	<b>Feb(02-28)</b>
<b>II</b>	<b>Metric Spaces etc.</b>	<b>K. Srama</b>	<b>15 Hrs</b>	<b>Mar(01-18)</b>
<b>III</b>	<b>Continuous mappings etc</b>	<b>K. Sarma</b>	<b>17 Hrs</b>	<b>Mar.19- April04</b>

**Session: 2019-20**

<b>Department:</b>	<b>Mathematics</b>	<b>Semester</b>	<b>VI</b>
<b>Course:</b>	<b>Honours</b>	<b>Paper No:</b>	<b>MAT-HC-6026</b>
<b>Credit:</b>	<b>6</b>	<b>Marks:</b>	<b>100(80+20)</b>

<b>Paper :II, Paper Name: Partial Differential Equations</b>				
<b>Unit</b>	<b>Course Content</b>	<b>Allotted to</b>	<b>Hours</b>	<b>Month</b>
<b>I</b>	<b>Introduction , Classification of first order PDE etc</b>	<b>K. Baishya</b>	<b>18 Hrs</b>	<b>Feb (2-25)</b>
<b>II</b>	<b>Canonical form etc</b>	<b>K. Baishya</b>	<b>12 Hrs</b>	<b>Feb 25- Mar.12</b>
<b>III</b>	<b>The Vibrating string etc</b>	<b>K Baishya</b>	<b>12Hrs</b>	<b>March13- April02</b>
<b>IV</b>	<b>Reduction to Canonical form</b>	<b>K. Baishya</b>	<b>08Hrs</b>	<b>Apr.(03-12)</b>
<b>V</b>	<b>Practical</b>	<b>K. Baishya</b>	<b>10 Hrs</b>	<b>April(12-30)</b>

**Session: 2019-20**

<b>Department:</b>	<b>Mathematics</b>	<b>Semester</b>	<b>VI</b>
<b>Course:</b>	<b>Honours</b>	<b>Paper No:</b>	<b>MAT-HE-6426</b>
<b>Credit:</b>	<b>6</b>	<b>Marks:</b>	<b>100(80+20)</b>

<b>Paper :III, Paper Name: Group Theory II</b>				
<b>Unit</b>	<b>Course Content</b>	<b>Allotted to</b>	<b>Hours</b>	<b>Month</b>
<b>I</b>	<b>Isomorphism etc</b>	<b>C.K. Uzir</b>	<b>12 Hrs</b>	<b>Feb (2-14)</b>
<b>II</b>	<b>Normal subgroups, etc</b>	<b>C.K. Uzir</b>	<b>12 Hrs</b>	<b>Feb (15-28)</b>
<b>III</b>	<b>Conjugacy classes etc</b>	<b>C.K. Uzir</b>	<b>12Hrs</b>	<b>March10-April 5</b>
<b>IV</b>	<b>Finite simple group etc.</b>	<b>C.K. Uzir</b>	<b>12Hrs</b>	<b>April(6-13)</b>

**Session: 2019-20**

<b>Department:</b>	<b>Mathematics</b>	<b>Semester</b>	<b>VI</b>
<b>Course:</b>	<b>Honours</b>	<b>Paper No:</b>	<b>MAT-HE-6086 (Project Paper)</b>
<b>Credit:</b>	<b>6</b>	<b>Marks:</b>	<b>100</b>

**PROJECT**

<b>Unit</b>	<b>Course Content</b>	<b>Allotted to (Student Name)</b>	<b>Marks</b>
<b>I</b>	<b>A Study of Divisibility theory</b>	<b>K.Baishya ( Abul Hussain)</b>	<b>100</b>
<b>II</b>	<b>Some Constants in Mathematics</b>	<b>C.K.Uzir( Dhiman Barman)</b>	<b>100</b>
<b>III</b>	<b>Fundamental Theorem of Homomorphism</b>	<b>K. Baishya (Jayashri Nath)</b>	<b>100</b>
<b>IV</b>	<b>Representation of Real Numbers and Operations</b>	<b>K Baishya (Litusthmita Talukdar)</b>	<b>100</b>
<b>V</b>	<b>Graphs and its Representations</b>	<b>C. K. Uzir (Manash Pratim Moral)</b>	<b>100</b>
<b>VI</b>	<b>A Study Of Sub graphs and Complements</b>	<b>C.K.Uzir ( Mostak Ahmed)</b>	<b>100</b>
<b>VII</b>	<b>Fundamental Theorem of Homomorphism</b>	<b>K. Baishya (Pallabi Deka)</b>	<b>100</b>
<b>VIII</b>	<b>A Study of Divisibility theory</b>	<b>K. Baishya (Samedul Hoque Choudhury)</b>	<b>100</b>
<b>IX</b>	<b>Some Constants in Mathematics</b>	<b>K. Baishya(Sawal Krishna Das )</b>	<b>100</b>
<b>X</b>	<b>Representation of Real Numbers and Operations</b>	<b>K. Baishya ( Semina Ahmed)</b>	<b>100</b>

**Session: 2019-20**

<b>Department:</b>	<b>Mathematics</b>	<b>Semester</b>	<b>VI</b>
<b>Course:</b>	<b>Regular</b>	<b>Paper No:</b>	<b>MAT-RE-6116</b>
<b>Credit:</b>	<b>6</b>	<b>Marks:</b>	<b>100(80+20)</b>

<b>Paper : I      Paper Name: Numerical Analysis</b>				
<b>Unit</b>	<b>Course Content</b>	<b>Allotted to</b>	<b>Hours</b>	<b>Month</b>
<b>I</b>	<b>Gaussian elimination method etc</b>	<b>C.K Uzir</b>	<b>12 Hrs</b>	<b>Feb (2-20)</b>
<b>I</b>	<b>Gregory-Newton forward and backward interpolation formula etc.</b>	<b>K. Baishya</b>	<b>12 Hrs</b>	<b>Feb(04-20)</b>
<b>II</b>	<b>Numerical Differentiation etc</b>	<b>K Sarma</b>	<b>10 Hrs</b>	<b>Feb(06-22)</b>
<b>II</b>	<b>Numerical Integration etc</b>	<b>C. K. Uzir</b>	<b>10 Hrs</b>	<b>Feb20-Mar.09</b>
<b>II</b>	<b>Ordinary Differential Equation: Euler's Method etc</b>	<b>K Baishya</b>	<b>12 Hrs</b>	<b>Feb 22-Mar15</b>