

**TEACHING PLAN**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**COMPUTER APPLICATION**  
**SBMS COLLEGE, SUALKUCHI**  
**Session: 2018-2019**

<b>Department:</b>	<b>Computer Science</b>	<b>Semester</b>	<b>I</b>
<b>Course:</b>	<b>Minor</b>	<b>Paper No:</b>	<b>1.1</b>
<b>Credit:</b>	<b>6</b>	<b>Marks:</b>	<b>80</b>

<b>Paper:1</b>					
<b>Paper Name: Fundamentals of Computer Sciences</b>					
<b>Unit</b>	<b>Course Content</b>	<b>Allotted to</b>	<b>Hours</b>	<b>Months</b>	<b>Date</b>
I	Minor components of a computer	Dipranjan Baishnab	15Hrs	August- November	1 August- 20 November
II	Algorithms Operating System	Simanta Sarma	10 Hrs	August- November	1 August- 20 November
III	Data communication Internet	Amitabh Sarma	14 Hrs	August- November	1 August- 20 November
IV	Computer Security	Dipranjan Baishnab	07Hrs	August- November	1 August- 20 November
V	Practical	Simanta Sarma	10 Hrs	August- November	1 August- 20 November

### Session 2018-19

<b>Department:</b>	<b>Computer Science</b>	<b>Semester</b>	<b>II</b>
<b>Course:</b>	<b>Minor</b>	<b>Paper No:</b>	<b>1.2</b>
<b>Credit:</b>	<b>6</b>	<b>Marks:</b>	<b>80</b>

<b>Paper:1</b>					
<b>Paper Name: Introduction to C programming</b>					
<b>Unit</b>	<b>Course Content</b>	<b>Allotted to</b>	<b>Hours</b>	<b>Months</b>	<b>Date</b>
I	Introduction to C	Amitabh Sarma	7 Hrs	January-May	17 January-20 May
II	Arrays and pointers	Simanta Sarma	16 Hrs	January-May	17 January-20 May
III	Structures and Files	Amitabh Sarma	20 Hrs	January-May	17 January-20 May
IV	Practical	Amitabh Sarma	10 Hrs	January-May	17 January-20 May

### Session 2018-19

<b>Department:</b>	<b>Computer Science</b>	<b>Semester</b>	<b>III</b>		
<b>Course:</b>	<b>Minor</b>	<b>Paper No:</b>	<b>1.3</b>		
<b>Credit:</b>	<b>6</b>	<b>Marks:</b>	<b>80</b>		
<b>Paper:I</b>					
<b>Paper Name: Operating Systems</b>					
<b>Unit</b>	<b>Course Content</b>	<b>Allotted to</b>	<b>Hours</b>	<b>Month</b>	<b>Month</b>
I	Introduction	Dipranjan Baishnab	7 Hrs	August- November	1 August- 20 November
II	Types of operating systems	Simanta Sarma	16 Hrs	August- November	1 August- 20 November
III	Operating System Organization	Amitabh Sarma	20 Hrs	August- November	1 August- 20 November
IV	Process Management	Dipranjan Baishnab	10 hrs	August- November	1 August- 20 November
V	Practical	Amitabh Sarma	10 Hrs	August- November	1 August- 20 November

**Session: 2018-2019**

<b>Department:</b>	<b>Computer Science</b>	<b>Semester</b>	<b>IV</b>
<b>Course:</b>	<b>Minor</b>	<b>Paper No:</b>	<b>1.4</b>
<b>Credit:</b>	<b>6</b>	<b>Marks:</b>	<b>80</b>

<b>Paper:1                      Paper Name: Introduction to Database Management System</b>					
<b>Unit</b>	<b>Course Content</b>	<b>Allotted to</b>	<b>Hours</b>	<b>Months</b>	<b>Date</b>
I	Introduction to Database Management Systems	Simanta Sarma	16Hrs	January-May	17 January-20 May
II	Entity Relationship and Enhanced ER Modeling	Simanta Sarma	12 Hrs	January-May	17 January-20 May
III	Relational Data Model	Amitabh Sarma	07 Hrs	January-May	17 January-20 May
IV	Database Design	Dipranjan Baishnab	16Hrs	January-May	17 January-20 May
V	Practical	Amitabh Sarma	10 Hrs	January-May	17 January-20 May

**Session: 2018-19**

<b>Department:</b>	<b>Computer Science</b>	<b>Semester</b>	<b>III</b>
<b>Course:</b>	<b>Minor</b>	<b>Paper No:</b>	<b>1.2</b>
<b>Credit:</b>	<b>6</b>	<b>Marks:</b>	<b>50</b>

<b>Paper:II</b>					
<b>Paper Name :Multimedia and Sciences</b>					
<b>Unit</b>	<b>Course Content</b>	<b>Allotted to</b>	<b>Marks</b>	<b>Month</b>	<b>Month</b>
I	Multimedia	Dipranjan Baishnab	10	January-May	17 January-20 May
II	Text Sound	Dipranjan Baishnab	10	January-May	17 January-20 May
III	Images Internet and Multimedia	Dipranjan Baishnab	10	January-May	17 January-20 May
IV	Making Multimedia	Simanta Sarma	10	January-May	17 January-20 May
V	Practical	Simanta sarma	10 Hrs	January-May	17 January-20 May

### Session 2018-19

<b>Department:</b>	<b>Computer Science</b>	<b>Semester</b>	<b>IV</b>
<b>Course:</b>	<b>Minor</b>	<b>Paper No:</b>	<b>1.2</b>
<b>Credit:</b>	<b>6</b>	<b>Marks:</b>	<b>80</b>

<b>Paper:II</b>					
<b>Paper Name: ICT Hardware</b>					
<b>Unit</b>	<b>Course Content</b>	<b>Allotted to</b>	<b>Hours</b>	<b>Month</b>	<b>Date</b>
I	Evolution of computer system,	Simanta Sarma	7 Hrs	January-May	17 January-20 May
II	Hard Disk Drive:	Simanta Sarma	10 Hrs	January-May	17 January-20 May
III	Optical Media,	Dipranjan Baishnab	10 Hrs	January-May	17 January-20 May
IV	Processor:	Amitabh Sarma	12 6Hrs	January-May	17 January-20 May
V	Practical	Amitabh Sarma	10 Hrs	January-May	17 January-20 May

**Session:2018-2019**

<b>Department:</b>	<b>Computer Science</b>	<b>Semester</b>	<b>V</b>
<b>Course:</b>	<b>SEC</b>	<b>Paper No:</b>	<b>1.1</b>
<b>Credit:</b>	<b>6</b>	<b>Marks:</b>	<b>80</b>

<b>Paper:IV</b>					
<b>Paper Name: Web Technology</b>					
<b>Unit</b>	<b>Course Content</b>	<b>Allotted to</b>	<b>Hours</b>	<b>Months</b>	<b>Date</b>
I	Web page design	Simanta Sarma	10 Hrs	August- November	1 August- 20 November
II	Creating interactive and dynamic web pages with JavaScript	Dipranjan Baishnab	10 Hrs	August- November	1 August- 20 November
III	Extensible Markup Language (XML)	Dipranjan Baishnab	10 Hrs	August- November	1 August- 20 November
IV	Web Browsers Client/Server Computing	Dipranjan Baishnab	10 Hrs	August- November	1 August- 20 November
V	Practical	Dipranjan Baishnab	10 Hrs	August- November	1 August- 20 November

### Session 2018-19

<b>Department:</b>	<b>Computer Science</b>	<b>Semester</b>	<b>VI</b>
<b>Course:</b>	<b>SEC</b>	<b>Paper No:</b>	<b>1.1</b>
<b>Credit:</b>	<b>6</b>	<b>Marks:</b>	<b>50</b>

<b>Paper :IV</b>		<b>Paper Name: Programming in Python</b>			
<b>Unit</b>	<b>Course Content</b>	<b>Allotted to</b>	<b>Hours</b>	<b>Month</b>	<b>Date</b>
I	Planning the Computer Program	Amitabh Sarma	14 Hrs	January-May	17 January-20 May
II	Techniques of Problem Solving	Amitabh Sarma	07 Hrs	January-May	17 January-20 May
III	Overview of Programming	Amitabh Sarma	07 Hrs	January-May	17 January-20 May
IV	Introduction to Python Creating Python Programs Iteration and Recursion	Dipranjan Baishnab	14Hrs	January-May	17 January-20 May
V	Practical	Amitabh Sarma	10 Hrs	January-May	17 January-20 May



**Session 2018-2019**

<b>Department:</b>	<b>Computer Science</b>	<b>Semester</b>	<b>VI</b>
<b>Course:</b>	<b>DSE</b>	<b>Paper No:</b>	<b>1.2</b>
<b>Credit:</b>	<b>6</b>	<b>Marks:</b>	<b>80</b>

<b>Paper:1I</b>					
<b>Paper Name : Computer Networks</b>					
<b>Unit</b>	<b>Course Content</b>	<b>Allotted to</b>	<b>Marks</b>	<b>Hours</b>	<b>Month</b>
I	Physical Layer	Dipranjan Baishnab	10	January-May	17 January-20 May
II	Digital Transmission	Dipranjan Baishnab	10	January-May	17 January-20 May
III	Data Link Layer Network Layer Transport Layer	Dipranjan Baishnab	10	January-May	17 January-20 May
IV	Science layer & Network Security	Simanta Sarma	10	January-May	17 January-20 May

Simanta Sarma

**HOD**

**Department of Computer Science**