

TEACHING PLAN
DEPARTMENT OF COMPUTER SCIENCE
COMPUTER APPLICATION
SBMS COLLEGE, SUALKUCHI
Session: 2021-2022

Department:	Computer Science	Semester	I
Course:	Minor	Paper No:	TCA-RC-1016
Credit:	6	Marks:	80

Paper:1					
Paper Name: Fundamentals of Computer Applications					
Unit	Course Content	Allotted to	Hours	Months	Date
I	Minor components of a computer	Dipranjan Baishnab	15Hrs	August to November – Blended mode	3 August -26 November
II	Algorithms Operating System	Simanta Sarma	10 Hrs	August to November – Blended mode	3 August -26 November
III	Data communication Internet	Amitabh Sarma	14 Hrs	August to November – Blended mode	3 August -26 November
IV	Computer Security	Dipranjan Baishnab	07Hrs	August to November – Blended mode	3 August -26 November
V	Practical	Simanta Sarma	10 Hrs	August to November – Blended mode	3 August -26 November

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Department:	Computer Science	Semester	II
Course:	Minor	Paper No:	TCA-RC-2016
Credit:	6	Marks:	80

Paper:1					
Paper Name: Introduction to C programming					
Unit	Course Content	Allotted to	Hours	Months	Date
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

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Department:	Computer Science	Semester	III		
Course:	Minor	Paper No:	TCA-RC-3016		
Credit:	6	Marks:	80		
Paper:I					
Paper Name: Operating Systems					
Unit	Course Content	Allotted to	Hours	Month	Month
I	Introduction	Dipranjan Baishnab	7 Hrs	August to November – Blended mode	3 August -26 November
II	Types of operating systems	Simanta Sarma	16 Hrs	August to November – Blended mode	3 August -26 November
III	Operating System Organization	Amitabh Sarma	20 Hrs	August to November – Blended mode	3 August -26 November
IV	Process Management	Dipranjan Baishnab	10 hrs	August to November – Blended mode	3 August -26 November
V	Practical	Amitabh Sarma	10 Hrs	August to November – Blended mode	3 August -26 November

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Department:	Computer Science	Semester	IV
Course:	Minor	Paper No:	TCA-RC-4016
Credit:	6	Marks:	80

Paper:1 Paper Name: Introduction to Database Management System					
Unit	Course Content	Allotted to	Hours	Months	Date
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

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Department:	Computer Science	Semester	III
Course:	Minor	Paper No:	TCA-SE-3014
Credit:	6	Marks:	50

Paper:II					
Paper Name :Multimedia and Applications					
Unit	Course Content	Allotted to	Marks	Month	Month
I	Multimedia	Dipranjan Baishnab	10	August to November – Blended mode	3 August -26 November
II	Text Sound	Dipranjan Baishnab	10	August to November – Blended mode	3 August -26 November
III	Images Internet and Multimedia	Dipranjan Baishnab	10	August to November – Blended mode	3 August -26 November
IV	Making Multimedia	Simanta Sarma	10	August to November – Blended mode	3 August -26 November
V	Practical	Simanta sarma	10 Hrs	August to November – Blended mode	3 August -26 November

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Department:	Computer Science	Semester	IV
Course:	Minor	Paper No:	TCA-SE-4024
Credit:	6	Marks:	80

Paper:1I					
Paper Name: ICT Hardware					
Unit	Course Content	Allotted to	Hours	Month	Date
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

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Department:	Computer Science	Semester	V
Course:	SEC	Paper No:	TCA-SE-5014
Credit:	6	Marks:	80

Paper:IV					
Paper Name: Web Technology					
Unit	Course Content	Allotted to	Hours	Months	Date
I	Web page design	Simanta Sarma	10 Hrs	August to November – Blended mode	3 August - 26 November
II	Creating interactive and dynamic web pages with JavaScript	Dipranjan Baishnab	10 Hrs	August to November – Blended mode	3 August - 26 November
III	Extensible Markup Language (XML)	Dipranjan Baishnab	10 Hrs	August to November – Blended mode	3 August - 26 November
IV	Web Browsers Client/Server Computing	Dipranjan Baishnab	10 Hrs	August to November – Blended mode	3 August - 26 November
V	Practical	Dipranjan Baishnab	10 Hrs	August to November – Blended mode	3 August - 26 November

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Department:	Computer Science	Semester	VI
Course:	SEC	Paper No:	TCA-SE-6014
Credit:	6	Marks:	50

Paper :IV		Paper Name: Programming in Python			
Unit	Course Content	Allotted to	Hours	Month	Date
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

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Department:	Computer Science	Semester	VI
Course:	DSE	Paper No:	TCA-RE-6026
Credit:	6	Marks:	80

Paper:1I					
Paper Name : Computer Networks					
Unit	Course Content	Allotted to	Marks	Hours	Month
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	Application layer & Network Security	Simanta Sarma	10	January-May	17 January-20 May

Simanta Sarma

HOD

Department of Computer Science