

Shri Gujarati Seva Samaj's Sanchlit
SMT. C. B. SHAH MAHILA MAHAVIDYALAYA, SANGLI
BCA-I
COURSE OUTCOMES-2021-22

Program code	Program Name	Part	Semester	Sr. No.	Course code	Course Component	Course Name / Title	After Completion of the course the student will be able to:
059	BCA	I	I	1.	1101	Ability Enhancement Compulsory Course1	Business & Technical Communication Skill	<ul style="list-style-type: none"> Acquires knowledge of basics of communication skills, letter, resume and report writing, presentation and System Requirement Specification writing. Enable student to build vocabulary and improve basics of English grammar.
059	BCA	I	I	2.	1102	Core Course1 Theory	Problem Solving using 'C'	<ul style="list-style-type: none"> To study problem solving using programming language, flow charts, control statement & expression, looping. Student can able to understand arrays, pointers, dynamic memory allocation, structure, union, file handling and computer graphics. Student can write programs based on implementation of concepts from Basic and Advanced C.
059	BCA	I	I	3.	1103	Core Course2 Theory	Web Programming	<ul style="list-style-type: none"> Enables student to understand about HTTP basics, Internet basics and Web page structure and basics of HTML. Student acquires knowledge of javascript as

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								client side programming language and cascading style sheets. Understand PHP as server side scripting language with MySQL database.
059	BCA	I	I	4.	1104	Core Course3	Computer Fundamentals & Operating System	<ul style="list-style-type: none"> To study basics of Computer System, history, types of computers, storage devices, operating systems, memory, input output devices, processor etc. Student acquires knowledge about CPU scheduling, memory scheduling.
059	BCA	I	I	5.	1105	Skill Enhancement Course1	Office Automation Tools	<ul style="list-style-type: none"> Helps to understand student about Internet Basics. Student acquires practical knowledge of Microsoft Word, Microsoft Excel and Microsoft PowerPoint. Student can easily use this software's from MS Office package.
059	BCA	I	I	6.	1201	Core Course1 Practical	Problem Solving using 'C' LAB	<ul style="list-style-type: none"> Student can able to write basic C programs using looping and conditional statements. Student can able to write advanced C programs based on array, pointer, dynamic memory allocation, structure, union, file handling.
059	BCA	I	I	7.	1202	Core Course2 Practical	Web Programming LAB	<ul style="list-style-type: none"> Student can able create web pages using

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								basic HTML and JavaScript. <ul style="list-style-type: none"> • Understand the use of Cascading Style sheets. • Student can able to write programs using server side scripting language such as PHP and backend as MySQL.
059	BCA	I	II		2101	Ability Enhancement Compulsory Course2	Environmental Science & RTI	<ul style="list-style-type: none"> • To study our environment, natural resources. • Student gets aware about pollution, its types, causes, impact of pollution on earth and human life. • Understands about disposal of e-waste. Green IT.
059	BCA	I	II	1.	2102	Core Course4 Theory	Programming Methodology & C++	<ul style="list-style-type: none"> • Studies OOPs concepts. Student gets knowledge about C++ programming language basics, classes and object. • Student acquires knowledge about constructor, destructor, operator overloading, inheritance etc. Helps student to understand file handling, exception handling and templates.
059	BCA	I	II	2.	2103	Core Course5 Theory	Database Management System	<ul style="list-style-type: none"> • Student get acquainted with file and database management system, data models, data modelling, SQL, transaction processing

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								system concepts, database recovery and concurrency control.
059	BCA	I	II	3.	2104	Core Course6 Theory	Mathematics I	<ul style="list-style-type: none"> Student gets acquainted with set theory, type of sets, relation, type of relation, function basics and types of functions and thermos, permutations and combinations. Helps student to understand about graph theory.
059	BCA	I	II	4.	2105	Skill Enhancement Course2	Principles & Practices of Accounting	<ul style="list-style-type: none"> To Study basics of accountancy, vouchers & specimen of vouchers, about journal & ledger posting, bank reconciliation statement.
059	BCA	I	II	5.	2201	Core Course4 Practical	Programming Methodology & C++ LAB	<ul style="list-style-type: none"> Able to write C++ program using classes and object, constructor, destructor, operator overloading, inheritance etc. Helps student to program file handling, exception handling and templates.
059	BCA	I	II	6.	2202	Core Course5 Practical	Database Management System LAB	<ul style="list-style-type: none"> Student can able to write all types of DDL and DML queries on oracle database tables. Student gets knowledge about all types of database joins, nested queries etc.