



SOS-BSc ComputerScience

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Programming in C		
Course Code	BSCS0101[T]		
Course Outcomes & Bloom's Level	CO1- To Remember the basics of Computer Knowledge.(BL1-Remember) CO2- To Understand debugging and testing, implementation and maintenance.(BL2-Understand) CO3- To apply the various techniques for C Programming.(BL3-Apply) CO4- To analysis modular programming(BL4-Analyze) CO5- To Evaluate Students will learn to write algorithm for solutions to various real-life problems.(BL5-Evaluate)		
Course Elements	Skill Development ✓ Entrepreneurship ✓ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗	SDG (Goals)	SDG4(Quality education)

Course Articulation Matrix

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SOS-BSc_ComputerScience

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Software Enineering		
Course Code	BSCS0601[T]		
Course Outcomes & Bloom's Level	CO1- To remember the basics of software engineering(BL1-Remember) CO2- To understand the basics characteristic's & crisis of software and process of software engineering systems(BL2-Understand) CO3- To implement various SDLC, ER, DFD models, to collect SRS, And understand the software.(BL3-Apply) CO4- To Analyze various various testing techniques and the concept of testing strategies(BL4-Analyze) CO5- To evaluate the the need of Software Maintenance and Software Project Management Software (BL5-Evaluate) CO6- To create the various Design Strategies, Architectural Design concept for better development of software.(BL6-Create)		
Course Elements	Skill Development ✗ Entrepreneurship ✓ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗	SDG (Goals)	SDG1(No poverty) SDG2(Zero hunger) SDG4(Quality education)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	-	-	-	-	1	-	-	-	-	-	-	-	1	-	2
CO2	1	-	-	-	1	2	-	-	-	-	-	-	1	2	3
CO3	2	1	-	-	1	-	-	-	-	-	-	-	3	2	3
CO4	2	2	-	3	1	-	-	-	-	-	-	-	3	2	3
CO5	2	2	-	2	1	-	-	-	-	-	-	-	3	2	3
CO6	1	1	2	3	2	2	-	-	-	2	-	-	3	3	3

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