



B.Tech with Minor in CSE

With Effect from (2019-2020)

B Tech students from non CSE department can get Minor in CSE that runs in parallel to the BTech degree. It allows a student to get basic competencies in computer science thus expanding their horizons for a career that requires multidisciplinary skills.

To obtain a Minor degree, the student should earn 18-20 additional credits after successfully completing 2nd sem to 8th Semester. A student will receive BTech with Minor degree on successful completion of BTech courses offered in Computer Science & Engineering.

Program Objectives

1. To adopt an interdisciplinary approach in learning
2. To undergo additional courses in their special areas of interest

Minor in CSE

SL	COURSE CODE	COURSE TITLE	CR / AU	SCHEME OF TEACHING					SCHEME OF EVALUATION	
				L	T	P	S/P	C	CIA	END EXAM
1	xxxxxx	Computational thinking with python	CR	2	-	2	-	3	50	50
2	xxxxxx	Elective-I*	CR	3	-	2	-	4	50	50
3	xxxxxx	Elective - II*	CR	3	-	2	-	4	50	50
4	xxxxxx	Elective -III*	CR	3	-	2	-	4	50	50
5	xxxxxx	Minor Project in CSE	CR	-	-		4	4	50	50
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Any three courses to be chosen from the following list against electives after ensuring that the prerequisites are satisfied.

COURSE CODE	COURSE TITLE	Prerequisites
xxxx	Data Structures and Applications*	Fundamentals of programming
xxxxxx	Operating systems	Fundamentals of programming
xxxxxx	Introduction to Artificial Intelligence	Data Structures and Applications
xxxxxx	Database Management Systems	Data Structures and Applications
xxxxxx	Machine Learning with Python	Computational Thinking with Python
xxxxxx	Introduction to Data Science	Computational Thinking with Python
xxxxxx	Computer Networks	Fundamentals of Programming
xxxxxx	Cybersecurity	Computer Networks
xxxxxx	Internet of Things	Computer Networks
xxxxxx	Cloud Computing	Fundamentals of Programming
xxxxxx	Web Technologies	Fundamentals of Programming
xxxxxx	Object Oriented Programming with Java	Data Structures and Applications
xxxxxx	Software Engineering	Fundamentals of Programming

- Mandatory unless the student has already taken this as elective.