FUTURE VISION BIE

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& Lab Programs

Future Vision

By K B Hemanth Raj

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Gain Access to All Study Materials according to VTU,
CSE – Computer Science Engineering,
ISE – Information Science Engineering,
ECE - Electronics and Communication Engineering
& MORE…

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B.E: Information Science and Engineering

VI SEMESTER

Sl. No	Course Code	Title	Teaching Department	Teaching Hours /Week Theory	Teaching Hours /Week Practical/ Drawing	Examination Duration in hours	Examination SEE Marks	Examination CIE Marks	Examination Total Marks	Credits
1	17CS61	Cryptography, Network Security and Cyber Law	CS/IS	04		03	60	40	100	4
2	17IS62	File Structures	CS/IS	04		03	60	40	100	4
3	17IS63	Software Testing	CS/IS	04		03	60	40	100	4
4	17CS64	Operating Systems	CS/IS	04		03	60	40	100	4
5	17CS/IS65x	Professional Elective-2	CS/IS	03		03	60	40	100	3
6	17CS66x	Open Elective-2	CS/IS	03		03	60	40	100	3
7	17ISL67	Software Testing Laboratory	CS/IS	01-Hour Instruction 02-Hour Practical		03	60	40	100	2
8	17ISL68	File Structures Laboratory with mini project	CS/IS	01-Hour Instruction 02-Hour Practical		03	60	40	100	2
			TOTAL	**Theory:22hours Practical: 06 hours**		24	480	320	800	26

Professional Elective-2		Open Elective – 2*** (List offered by CSE Board only)	
17CS651	Data Mining and Data Warehousing	17CS661	Mobile Application Development
17IS652	System Software	17CS662	Big Data Analytics *(Not for CSE/ISE students)*
17CS653	Operations research	17CS663	Wireless Networks and Mobile computing
17CS654	Distributed Computing system	17CS664	Python Application Programming
		17CS665	Service Oriented Architecture
		17CS666	Multicore Architecture and Programming

***Students can select any one of the open electives offered by any Department (Please refer to consolidated list of VTU for open electives).

Selection of an open elective is not allowed, if:

· The candidate has no pre – requisite knowledge.

· The candidate has studied similar content course during previous semesters.

· The syllabus content of the selected open elective is similar to that of Departmental core course(s) or to be studied Professional elective(s).

Registration to open electives shall be documented under the guidance of Programme Coordinator and Adviser.