TKR COLLEGE OF ENGINEERING AND TECHNOLOGY
(AUTONOMOUS)
(Sponsored by TKR Educational Society , Approved by AICTE, Affiliated by JNTUH,
Accredited by NBA & NAAC with 'A' Grade)

Department of Computer Science and
EngineeringVerticals and corresponding
Courses
(V, VI, VII, VIII Semesters)

S.No.	Verticals	Courses
1	Databases	1.Distributed Databases
		2. Advanced Databases
		3.Introduction to Analytics
		4. Big Data Analytics
		5. Predictive Analytics
		6. Data Science
2	Computing	1. Distributed Computing
		2. Mobile Computing
		3. Cloud Computing
		4. Soft Computing
		5. Pervasive Computing
		6. Quantum Computing
3	Networks	1. Network Protocols
		2. Wireless Networks
		3. Mobile Ad hoc Networks
		4. Storage Area Networks
		5. Semantic Web
		6. Social Networks
4	Security	1. Information Theory & Coding
		2. Cryptography
		3. Network Security
		4. Cyber Security
		5. Computer Forensics
		6. Block chain Technology
5	Software Engineering	1. Software Process & Project Management
		2. Software Requirements Estimation
		3. Design Patterns
		4. Software Quality Assurance
		5. Software Testing Methodologies
		6. Agile Software Development
6	Application Development	1.Artificaial Intelligence
		2.Machine Learning
		3.Deep Learning
		4.Mobile Application Development
		5.Internet Of Things
		6.Stack Technologies