

UNIVERSITY
GWALIOR • MP • INDIA

“ CELEBRATING DREAMS ”

School of Engineering and Technology

Department of Computer Science and Application

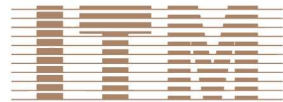
B.Tech. CS Course Cluster

BTECH Computer Science

S.NO	Course Name	Credits		
		L	T	P
1.	Big Data	3	0	2
2.	Web Technology	3	0	2
3.	Full Stack Development	2	0	4
4.	Data Mining and Data Warehousing	3	0	2
5.	Software Project Management	3	0	2
6.	Quantum Computing	3	0	2
7.	Digital Image Processing	3	0	2
8.	Cloud Computing	3	0	2

BTECH (Cyber Security)

S.NO	Course Name	Credits		
		L	T	P
1.	Thread Intelligence	3	0	2
2.	Information Security Ethics	3	0	2
3.	Hyperledger	3	0	2
4.	Ethical Forensic Essentials	3	0	2
5.	SOC	3	0	2
6.	Cyber Security and Fundamental	3	0	2
7.	Cyber Law	3	0	2
8.	Cyber Audit	3	0	2
9.	Block Chain	3	0	2
10.	Cryptography	3	0	2



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BTECH (Artificial Intelligence & Machine Learning)

S.NO	Course Name	Credits		
		L	T	P
1.	DWM	3	0	2
2.	Bioinformatics	3	0	2
3.	Reinforcement learning	3	0	2
4.	Digital Image Processing	3	0	2
5.	Predictive Analytics	3	0	2
6.	ML Optimization	3	0	2
7.	Big Data Analytics	3	0	2
8.	DL Using Tensor flow	3	0	2
9.	Pattern Recognition & Visual	3	0	2
10.	Recognition	3	0	2
11.	AI In Healthcare	3	0	2
12.	AI In Agriculture	3	0	2
13.	AI in Finance	3	0	2
14.	Internet of Things	3	0	2
15.	Block chain	3	0	2
16.	Cryptography	3	0	2

BTECH (Data Science)

S.NO	Course Name	Credits		
		L	T	P
1.	Web Mining and Semantic Analysis	3	0	2
2.	Digital Signal Processing	3	0	2
3.	Reinforcement learning	3	0	2
4.	Deep Learning	3	0	2
5.	Predictive Analytics	3	0	2
6.	ML Optimization	3	0	2
7.	Web Technologies for Advanced Data Visualization	3	0	2
8.	Digital Image Processing	3	0	2
9.	Information Retrieval	3	0	2
10.	Computer Vision	3	0	2
11.	Video Analytics	3	0	2
12.	Bioinformatics	3	0	2
13.	Block chain	3	0	2