

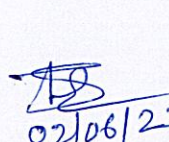
B.TECH. SCHEME OF EXAMINATION

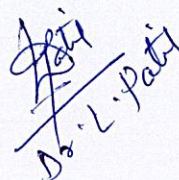
Scheme of Teaching & Examination of Bachelor of Technology VII Semester B.Tech. (Artificial Intelligence & Data Science)

Sr. No.	Course Code	Category	Course Name	Hours/Week			Credits	Maximum Marks					Minimum Passing Marks	
				L	T	P		Theory		Practical		Total		
								Internal	University	Internal	University		Theory	Practical
1	BTECHAI & DS 701T	Professional core courses	Modern Compiler Design	3	0	0	3.00	30	70	-	-	100	45	
2	BTECHAI 701P	Professional core courses	Modern Compiler Design Lab	0	0	2	1.00			25	25	50		25
3	BTECHAI & DS 702T	Engineering Sciences	Digital Signal & Image Processing	3	0	0	3.00	30	70	-	-	100	45	
4	BTECHAI & DS 702P	Engineering Sciences	Digital Signal & Image Processing Lab	0	0	2	1.00			25	25	50		25
5	BTECHAI & DS 703T	Professional Elective Course	Elective- III	3	0	0	3.00	30	70	-	-	100	45	
6	BTECHAI & DS 704T	Open Elective	Open Elective- II	3	0	0	3.00	30	70	-	-	100	45	
7	BTECHAI & DS 705P	Project/ Internship	Project		0	6	3.00	-	-	50	50	100		50
Total				12	0	10	17.00	120	280	100	100	600		

Elective III: 1. Human Computer Interaction 2. Medical Image Analysis 3. Data Compression & Encryption Techniques 4. Micro-Electro-Mechanical Systems
5. Reinforcement Learning 6. Information Retrieval

Open Elective II: 1. Soft Computing & Evolutionary AI 2. Big Data Analytics 3. Python Programming


 02/06/23
 Dr. S. S. Shrinikumar


 Dr. L. P. Patil

B.Tech. SCHEME OF EXAMINATION

Scheme of Teaching & Examination of Bachelor of Technology VIII Semester B.Tech. (Artificial Intelligence & Data Science)

12	Course Code	Category	Course Name	Hours/ Week			Credits	Maximum Marks						Minimum Passing Marks	
				L	T	P		Theory		Practical		Total			
								Internal	University	Internal	University		Theory	Practical	
1	BTECHAI& DS 801T	Professional Elective Course	Elective IV	3	0	0	3.00	30	70	-	-	100	45		
2	BTECHA& DS 802T	Professional Elective Course	Elective V	3	0	0	3.00	30	70	-	-	100	45		
3	BTECHAI& DS 803T	Project/ Internship	Project	0	0	12	8.00			100	100	200		100	
Total				6	0	12	14.00	60	140	100	100	400			

Elective IV: 1. Cloud Computing 2 Augmented & Virtual Reality 3. Biometric Technology and Application 4. Software Architecture
Elective V: 1. Mobile Communication and Web Analytics 2. High Performance Computing 3. Cyber Crimes & Digital Forensics 4. Data Visualization

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