

Baddi University of Emerging Sciences & Technology
B.Tech(Information Technology)Scheme 3rd to 8th Semester

Semester III

S. No.	Course No.	Course Name	L	T	P	Credits
1	UMA-201	Engineering Mathematics-III	3	1	2	4.5
2	UEC-201	Digital Electronics	3	1	2	4.5
3	UIT-200	Data Structure and Algorithm with C	3	1	2	4.5
4	UIT-201	Computer Architecture and Organization	3	1	0	3.5
5	UIT-202	Principles of Programming Language	3	1	0	3.5
6	UIT-203	E-Commerce and ERP	3	1	0	3.5
7.	UPD-211	PDP/Seminar	0	0	2	1.0
Total			18	6	8	25

Total Hours: 32 hrs

Semester IV

S. No.	Course No.	Course Name	L	T	P	Credits
1	UMA-251	Discrete Mathematics and Logic Design	3	1	0	3.5
2	UIT-250	Object Oriented Methods & Programming	3	1	2	4.5
3	UIT-251	Operating System	3	1	2	4.5
4	UIT-252	Software Engineering	3	1	0	3.5
5	UMG-250	Principles of Engineering Economics and Management	3	1	0	3.5
6.	UIT-253	Internet fundamentals & Web Designing	3	1	2	4.5
7.	UIT-254	General Proficiency	0	0	0	1.0
8.	UPD-261	PDP/Seminar	0	0	2	1.0
Total			18	6	8	26

Total Hours: 32 hrs

Semester V

S. No.	Course No.	Course Name	L	T	P	Credits
1.	UIT-300	Microprocessor Theory	3	1	2	4.5
2.	UIT-301	System Software	3	1	0	3.5
3.	UIT-302	Computer Networks	3	1	2	4.5
4.	UIT-303	Information Storage & Management	3	1	0	3.5
5.	UIT-304	Database Management System	3	1	0	3.5
6.	UIT-310	Oracle Lab	0	0	2	1.0
7.	UIT-305	Software Maintenance	3	1	0	3.5
8.	UIT-312	Software Development Lab	0	0	3	1.5
9.	UIT-306	Industrial Training	0	0	0	1.0
10.	UPD-311	PDP/Seminar	0	0	2	1.0
Total			18	6	11	27.5

Total Hours: 35 hrs

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Semester VI

S. No.	Course No.	Course Name	L	T	P	Credits
1	UMG-350	Management information System	3	1	0	3.5
2	UIT-351	Computer Graphics and Multimedia Technology	3	1	2	4.5
3	UIT-352	Modeling & Simulation	3	1	2	4.5
4	UIT-353	Digital Communication	3	1	2	4.5
5	UMA-351	Statistical Methods	3	1	0	3.5
6.	UIT-354	General Proficiency	0	0	0	1.0
7.	UPD-361	PDP/Seminar	0	0	2	1.0
Total			15	5	8	22.5

Total Hours: 28 hrs

Semester VII

S. No.	Course No.	Course Name	L	T	P	Credits
1	UIT-400	Advance Programming	3	1	2	4.5
2	UIT-401	Cryptography & Network security	3	1	0	3.5
3	UIT-402	Unix Linux Administration	3	1	2	4.5
4	UIT-403	Artificial Intelligence & Expert System	3	1	2	4.5
5	UIT-XXX	Elective I	4	0	0	4.0
6	UIT-404	Minor Project	0	0	6	3.0
7	UIT-405	Industrial Training	0	0	0	1.0
8.	UPD-411	PDP/Seminar	0	0	2	1.0
Total			16	4	14	26

Total Hours: 34 hrs

Semester VIII

S. No.	Course No.	Course Name	L	T	P	Credits
1	UIT-450	Data Warehousing & Data Mining	3	1	0	3.5
2	UIT-451	Distributed System	4	0	0	4.0
3	UIT-452	Human Resource Management	4	0	0	4.0
4	UIT-XXX	Elective-II	4	0	0	4.0
5	UIT-XXX	Elective-III	4	0	0	4.0
6	UIT-453	Major Project	0	0	9	4.5
7.	UIT-460	Web Development Lab	0	0	2	1.0
8.	UIT-454	General Proficiency	0	0	0	1.0
9.	UPD-461	PDP/Seminar	0	0	2	1.0
Total			19	1	13	27

Total Hours: 33 hrs

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Elective-I

S. No.	Course No.	Course Name	L	T	P	Credits
1	UIT-406	Professional Issues in IT	4	0	0	4.0
2	UIT-407	Bioinformatics	4	0	0	4.0
3	UIT-408	Digital Image Processing	4	0	0	4.0
4	UIT-409	Relational Database Management System	4	0	0	4.0

Elective-II

S. No.	Course No.	Course Name	L	T	P	Credits
1	UIT-455	Mobile Databases	4	0	0	4.0
2	UIT-456	Software Project Management	4	0	0	4.0
3	UIT-457	Soft Computing	4	0	0	4.0
4	UIT-458	Software Verification, Validation & Testing	4	0	0	4.0
5	UIT-459	E-Governance	4	0	0	4.0

Elective-III

S. No.	Course No.	Course Name	L	T	P	Credits
1	UIT-460	Distributed Operating System	4	0	0	4.0
2	UIT-461	Advanced Database System	4	0	0	4.0
3	UIT-462	Parallel Computing	4	0	0	4.0
4	UIT-463	Mobile Adhoc Networks	4	0	0	4.0
5	UIT-464	Object Oriented Software Engineering	4	0	0	4.0