

BIT Course Roadmap

Semester I

S.N.	Course Code	Course Title	Credit	Lec	Tut	Lab
1	BIT101	Introduction to Information Technology	3	3	0	1
2	BIT102	Basic Mathematics	3	3	1	0
3	BIT103	English Communication	3	3	0	0
4	BIT104	Computer Fundamentals	3	2	0	2
5	BIT105	Digital Logic	3	3	0	1

Semester II

S.N.	Course Code	Course Title	Credit	Lec	Tut	Lab
1	BIT106	Programming in C	3	2	0	2
2	BIT107	Discrete Mathematics	3	3	0	0
3	BIT108	Web Technology	3	2	0	2
4	BIT109	Computer Organization	3	3	0	1
5	BIT110	Statistics	3	3	1	0

Semester III

S.N.	Course Code	Course Title	Credit	Lec	Tut	Lab
1	BIT201	Object Oriented Programming	3	2	0	2
2	BIT202	Data Structures	3	2	0	2
3	BIT203	Database Management System	3	2	0	2
4	BIT204	Computer Networks	3	3	0	1
5	BIT205	Operating Systems	3	3	0	1

Semester IV

S.N.	Course Code	Course Title	Credit	Lec	Tut	Lab
1	BIT206	Software Engineering	3	3	0	0
2	BIT207	Numerical Methods	3	3	1	0
3	BIT208	Java Programming	3	2	0	2
4	BIT209	System Analysis and Design	3	3	0	0
5	BIT210	Scripting Language	3	2	0	2

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Semester V

S.N.	Course Code	Course Title	Credit	Lec	Tut	Lab
1	BIT301	Artificial Intelligence	3	3	0	1
2	BIT302	E-commerce	3	3	0	0
3	BIT303	Mobile Programming	3	2	0	2
4	BIT304	Multimedia Systems	3	2	0	2
5	BIT305	Project I	3	0	0	3

Semester VI

S.N.	Course Code	Course Title	Credit	Lec	Tut	Lab
1	BIT306	Computer Graphics	3	2	0	2
2	BIT307	Information Systems	3	3	0	0
3	BIT308	Cryptography	3	3	0	1
4	BIT309	Cloud Computing	3	3	0	1
5	BIT310	Project II	3	0	0	3

Semester VII

S.N.	Course Code	Course Title	Credit	Lec	Tut	Lab
1	BIT401	Machine Learning	3	2	0	2
2	BIT402	Big Data Analytics	3	3	0	1
3	BIT403	Cyber Security	3	3	0	1
4	BIT404	Elective I	3	3	0	0
5	BIT405	Research Methodology	3	3	0	0

Semester VIII

S.N.	Course Code	Course Title	Credit	Lec	Tut	Lab
1	BIT406	Project III	6	0	0	6
2	BIT407	Internship	6	0	0	6
3	BIT408	Elective II	3	3	0	0

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