

B.Tech 1st Year — Curriculum Structure (AIML / AIDS / DS / SC / IOT / RAI)

B.Tech (AIML / AIDS / DS / SC / IOT / RAI) — 1st Semester

Physics Group

B.Tech - 1st Semester (Physics Group)			
Sr. No.	Course Code	Course Name	Type
1	25C1PHU-101	Engineering Physics	Basic Sciences
2	25C1PHU-111	Engineering Physics Lab	Basic Sciences
3	26C1EMU-101	Engineering Mathematics-I	Basic Sciences
4	25C1ECU-101	Basic Electrical and Electronics Engineering	Professional Core Course
5	25C1ECU-111	Basic Electrical and Electronics Engineering Lab	Professional Core Course
6	25C1CSU-101	Programming for Problem Solving using C	Professional Core Course
7	25C1CSU-111	Programming for Problem Solving using C Lab	Professional Core Course
8	25C1MEU-111	Engineering Graphics & Design	Professional Core Course
9	25C1MEU-112	Engineering Graphics & Design	Professional Core Course
10	26C1ESU-101	Environmental Sciences and Sustainability	NCC
11	26C1ICU-101	Indian Constitution	NCC

Chemistry Group

B.Tech - 1st Semester (Chemistry Group)			
Sr. No.	Course Code	Course Name	Type
1	26C1CHU-101	Engineering Chemistry	Basic Sciences
2	26C1CHU-111	Engineering Chemistry Lab	Basic Sciences
3	26C1EMU-101	Engineering Mathematics-I	Basic Sciences
4	25C1CSU-102	Programming for Problem Solving using Python	Professional Core Course
5	25C1CSU-112	Programming for Problem Solving using Python Lab	Professional Core Course
6	25C1MEU-101	Elements of Mechanical Engineering	Professional Core Course
7	25C1EPU-101	English & Professional Communication	Humanities and Social Sciences
8	25C1EPU-111	English & Professional Communication Lab	Humanities and Social Sciences
9	25C1MEU-111	Workshop/Manufacturing Practices Lab	Professional Core Course
10	26C1DTU-101	Design Thinking & AI Elements	Value Added

B.Tech (AIML / AIDS / DS / SC / IOT / RAI) — 2nd Semester**Physics Group**

B.Tech - 2nd Semester (Physics Group)			
Sr. No.	Course Code	Course Name	Type
1	25C1PHU-101	Engineering Physics	Basic Sciences
2	25C1PHU-111	Engineering Physics Lab	Basic Sciences
3	26C1EMU-201	Engineering Mathematics-II	Basic Sciences
4	25C1ECU-101	Basic Electrical and Electronics Engineering	Professional Core Course
5	25C1ECU-111	Basic Electrical and Electronics Engineering Lab	Professional Core Course
6	25C1CSU-101	Programming for Problem Solving using C	Professional Core Course
7	25C1CSU-111	Programming for Problem Solving using C Lab	Professional Core Course
8	25C1MEU-111	Engineering Graphics & Design	Professional Core Course
9	25C1MEU-112	Engineering Graphics & Design	Professional Core Course
10	26C1ESU-101	Environmental Sciences and Sustainability	NCC
11	26C1ICU-101	Indian Constitution	NCC

Chemistry Group

B.Tech - 2nd Semester (Chemistry Group)			
Sr. No.	Course Code	Course Name	Type
1	26C1CHU-101	Engineering Chemistry	Basic Sciences
2	26C1CHU-111	Engineering Chemistry Lab	Basic Sciences
3	26C1EMU-201	Engineering Mathematics-II	Basic Sciences
4	25C1CSU-102	Programming for Problem Solving using Python	Professional Core Course
5	25C1CSU-112	Programming for Problem Solving using Python Lab	Professional Core Course
6	25C1MEU-101	Elements of Mechanical Engineering	Professional Core Course
7	25C1EPU-101	English & Professional Communication	Humanities and Social Sciences
8	25C1EPU-111	English & Professional Communication Lab	Humanities and Social Sciences
9	25C1MEU-111	Workshop/Manufacturing Practices Lab	Professional Core Course
10	26C1DTU-101	Design Thinking & AI Elements	Value Added