



## Credit Distribution

The engineering curriculum is structured with a well-defined credit distribution to ensure balanced academic and professional development of students. Credits are allocated among basic sciences, engineering sciences, professional core courses, professional electives, open electives, humanities and social sciences, and mandatory courses. Adequate credits are assigned to laboratory courses, projects, internships, and industry-oriented training to emphasize experiential and practical learning. The curriculum also provides flexibility through elective courses, enabling students to pursue interdisciplinary learning and emerging technologies. This systematic distribution of credits aligns with AICTE norms and outcome-based education principles, ensuring the attainment of program outcomes and overall academic rigor.

S.No	Category	Breakup of Credits(Total 160)	Percentage of total credit	AICTE Recommendation (%)
1	Humanities and Social Science including Management (HM)	13	8 %	8 – 9%
2	Basic Sciences(BS)	20	13 %	12 -16%
3	Engineering Sciences (ES)	23.5	14%	10 – 18%
4	Professional Core(PC)	54.5	34 %	30 – 36%
5	Electives – Professional(PE)& Open(OE);Domain Specific Skill Enhancement Courses(SEC)	33	21 %	19 -23%
6	Internships & Project work (PR)	16	10 %	8 – 11%
7	Mandatory Courses (MC)	Non-credit	Non-credit	-