

2.6.1 - Programme and Course Outcomes for all Programmes offered by the institution

Sample – Course Outcome

Course: Basic Thermodynamics (18ME33)	
CO1	Identify thermodynamic systems, properties, Zeroth law of thermodynamics, temperature scales, work and heat interactions.
CO2	Determine heat, work, internal energy, enthalpy for flow & non flow process using First and Second Law of Thermodynamics.
CO3	Calculate change in internal energy, change in enthalpy, change in entropy, efficiency and cop for Reversible and irreversible process.
CO4	Make use of the behaviour of pure substances and its applications to practical problems. compare the Availability and Irreversibility.
CO5	Evaluate the properties of ideal ,real gases and air- water mixture.

Course: Material Science (18ME34)	
CO1	Interpret the basic concepts of crystal structure, concepts of diffusion, mechanical behavior of materials and various modes of failure.
CO2	Classify solid solutions, interpret equilibrium phase diagrams of ferrous and nonferrous alloys and mechanism of solidification.
CO3	Relate suitable heat-treatment process to achieve desired properties of metals and alloys
CO4	Interpret the properties and applications of various materials like ceramics, plastics and Smart materials.
CO5	Identify various composite materials and their processing as well as applications.

SL NO	Department	CO's Link
1	Program Outcome (Common to all branches)	https://ksit.ac.in/images/naac_2022_CRITERIA2_1705056780204.pdf
2	Artificial Intelligence and Machine Learning	https://ksit.ac.in/images/naac_2022_CRITERIA2_1705142817918.pdf
3	Computer Science and Design	https://ksit.ac.in/images/naac_2022_CRITERIA2_1705142859291.pdf
4	Computer Science and Engineering	https://ksit.ac.in/images/naac_2022_CRITERIA2_1705142884756.pdf
5	Electronics and Communication Engineering	https://ksit.ac.in/images/naac_2022_CRITERIA2_1705142911389.pdf
6	Mechanical Engineering	https://ksit.ac.in/images/naac_2022_CRITERIA2_1705142936669.pdf
7	Applied Science and Humanities	https://ksit.ac.in/images/naac_2022_CRITERIA2_1705142969304.pdf