

Course Outcomes (COs)

Program Name:	B.Tech. (Mechanical Engineering)	AY	2022-23
Course Name:	Materials Science (BAS321)	Class / Sem	IIIrd Semester
Faculty Name:	Mr. Subodh Kumar		

Course Outcomes

After completing this course, the student will be able to:


CO Number	CO Statement	Taxonomy
CO1	To review physics and chemistry in the context of materials science & engineering.	Understand
CO2	To describe the different types of bonding in solids.	Evaluate
CO3	To describe and demonstrate diffraction, including interpretation of basic x-ray data.	Evaluate
CO4	Give an introduction to metals, ceramics, polymers, and electronic materials in the context of a molecular level understanding of bonding	Understand
CO5	Be able to qualitatively derive a material's Young's modulus from a potential energy curve.	Create

Taxonomy: Remember, Understand, Apply, Analyse, Evaluate, Create

Faculty Signature and Name

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