

CEP Mapping

- How **Knowledge Profile (K's)** are addressed through our project and mapping among K's Cos, POs:

K's	Attribute	How K's are addressed through our project	CO	PO
K3	Engineering fundamentals	Our project needs an understanding of Database fundamental to formulate a suitable model.		PO1
K4	Specialist knowledge	Hospital Management related knowledge.		PO1
K5	Engineering design	We used ER diagram and Schema diagram to design our project.	CO3,CO4	PO3,PO5
K6	Engineering practice	Implemented our project in XAMPP Server Management Studio with the help of SQL language.	CO1,CO2, CO5	PO5
K7	Comprehension	Our project gives positive feedback on management as it will help people to get hospital management easily and effectively.	CO6,CO7	PO6,PO7, PO8

- How **Complex Engineering Problems (P's)** are addressed through our project and mapping among P's, COs, POs:

P's	Attribute	How P's are addressed through our project	CO	PO
P1	Depth of knowledge required	Creating a database project for hospital management involves designing a database system to manage various aspects of management operations, including staff information, management, maintenance, and many more.	CO1 CO2 CO3 CO4 CO5	PO1, PO3, PO5, PO6, PO7, PO8
P3	Depth of analysis required	Analysis the hospital management in a database involves examining various aspects of the industry, such as operations, infrastructure, financials, safety, and performance. To perform a deep analysis, you would typically require a comprehensive database with relevant data. Below are some key areas to consider when conducting a thorough analysis of the hospital sector.	CO3, CO4, CO5	PO6, PO7, PO8, PO12
P7	Interdependence	The interdependence of various aspects within the hospital sector is an important part of understanding its operations and challenges. Interdependence in this context refers to how different elements within the hospital system rely on each other and how changes in one area can affect others.	CO8	P10, P11

- How **Complex Engineering Activities (A's)** are addressed through our project and mapping among A's, COs, POs:

A's	Attribute	How A's are addressed through our project	CO	PO
A1	Range of resources	Resources in the hospital sector are diverse and encompass various categories to support the efficient operation, maintenance, and development of medical infrastructure and services. They are rolling stock, technology & equipment.	CO8	PO11
A4	Consequences for society and the environment	The hospital sector has both positive and negative consequences for society and the environment.	CO6	PO6, PO7