



Suhas Datar

Suhas has **38 years** of extensive experience in *Diesel engine design, Engine packaging, Vehicle integration and Genset Design.*



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During his long career at one of the leading diesel engine company, he executed several design projects; a brief list of components and assemblies he designed is given below:

- Major castings and forgings such as Cylinder heads, Cylinder Block, Flywheel housing, Crankshaft, Cam shafts, Pistons, etc.
- Gear box, Gear Trains, Front and rear axles, steering systems, etc
- Application design and engine packaging
- Design of all genset sub-systems such as acoustic enclosures, Skids and control panels, Integration of a variety of cooling systems (Radiator, Heat exchanger, Remote radiators, etc), Air Intake and Exhaust systems, All bracketed mounting structures.

He has lived through the evolution of Design practices and CAD tools, from using drafting board in his early career to using advanced CAD tools such as Creo and AutoCAD during the later phase. Through his extensive interactions with casting, sheet metal suppliers and manufacturing plant, he has acquired a strong understanding of Design for Manufacture (DFM) and Design for Assembly (DFA).

Very keen to share the rich knowledge and experience, Suhas is extremely passionate about teaching and imparting the learnings he has acquired over years. He has so far coached several engineers on Design and CAD tools.