

Department of Mechanical Engineering

Consultancy projects

S.No	Title of the project	Name of the investigators	Funding Agency	Amount Sanctioned	Duration	Status/ outcome
1	Establishment of ballistic limit velocity for different Size for varying thickness up to 85mm using FEA	Dr.G. Moorthy Dr.T.Chandrashekar	CVRDE, Avadi	9.54 Lakhs	I Year	i)Workshops & Seminars organized & conducted ii)Publication-2 iii) Students project - 3
2	Development of software Module for Optimized Gear Design, Testing, Analysis and Documentation	Dr.K.Sivakumar	DM Engineering Work, Coimbatore	1.20 Lakhs	6 Month	Date of completion with in FEBRUARY 2019
3.	Finite Element analysis of Smart Solar stand	Dr.G. Moorthy	SHROOQAL ENERGY (P) LTD., Chennai	Rs.22,400-	2 Month	Completed
4.	Plant and Machinery Valuation	Dr.G. Moorthy	Suyambu Agro Tech, Chennai under Jai Engineers.	Rs. 4,000	1 Week	Completed

5.	Crash Analysis of Mitigation wall using ANSYS AUTO-DYNE	Dr.G. Moorthy	V-land Engineers Private ltd, Singapore	Rs.1Lakhs	6 Month	Completed
6.	Kinematic Analysis of Bio Inspired Robot model for defence project-	Dr.G. Moorthy	Conquer Technologies, Chennai.	Rs 15,000	1 Month	Completed
7.	Retrofitting of Reinforced Concrete Column by External Pre-stressing Methods	Dr.G. Moorthy	VL and Engineers, Singapore under Conquer Technologies, Chennai.	Rs 80,000	6 Month	Completed
8	Plant and Machinery Valuation	Dr.G. Moorthy	Fair & Flair Textile Groups, Tirupur, under Jai Engineers.	Rs 4,000	1 Week	Completed