

Dr.Mahalingam College of Engineering and Technology, Pollachi - 03
Department of Mechanical Engineering
Consultancy Works (2021-2022)

S.No	Project Tittle	Funding agency	Amount.(Rs)	Duration
1	FCA Rear Knuckle – Fatigue test Tire Patch/Caliper locked out - Fore/Aft	M/s Sakthi Auto component Ltd	5,701.50	02.07.2021 to 10.07.2021
2	FCA Front Knuckle – Fatigue test Tire Patch/Caliper locked out - Fore/Aft	M/s Sakthi Auto component Ltd	11,190.00	14.07.2021 to 20.07.2021
3	FCA Front Knuckle - Steering arm Fatigue test	M/s Sakthi Auto component Ltd	76,591.50	07.07.2021 to 20.07.2021
4	FCA Front Knuckle - Steering arm Static test (In board & Out board)	M/s Sakthi Auto component Ltd	24,000.00	03.07.2021 to 06.07.2021
5	MSIL_YE3 Steering Knuckle - Static test	M/s Sakthi Auto component Ltd	36,000.00	21.07.2021 to 23.07.2021
6	MSIL_YE3 Steering Knuckle Steering arm Static test	M/s Sakthi Auto component Ltd	12,000.00	18.08.2021
7	Volvo Bracket Bush Press out test	M/s Sakthi Auto component Ltd	10,000.00	19.08.2021
8	MSIL_YRA Steering Knuckle Lower arm Static test	M/s Sakthi Auto component Ltd	12,000.00	12.10.2021
9	PSA Rear axle Yoke Fatigue test_01-LH_Cycles - 63,00,000, Frequency - 08 Hz Total Hrs - 218	M/s Sakthi Auto component Ltd	2,61,600.00	22.01.2022 to 11.02.2022
10	PSA Rear axle Yoke Fatigue test_02-LH_Cycles - 25,37,186, Frequency - 08Hz Total Hrs - 88	M/s Sakthi Auto component Ltd	1,05,600.00	25.02.2022 to 08.03.2022
11	PSA Rear axle Yoke Fatigue test_01-RH_Cycles - 11,70,973, Frequency	M/s Sakthi Auto component Ltd	48,000.00	22.03.2022 to 28.03.2022

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	- 08Hz Total Hrs - 40			
12	PSA Rear axle Yoke Fatigue test_02-RH_Cycles - 12,00,000, Frequency - 08Hz Total Hrs - 41.667	M/s Sakthi Auto component Ltd	50,000.00	31.03.2022 to 18.04.2022
13	MSIL YCA Steering Knuckle Static test- For 7 Directions.	M/s Sakthi Auto component Ltd	1,68,000.00	30.03.2022 to 12.04.2022
Total			820,683.00	