

Dr.Mahalingam College of Engineering and Technology, Pollachi - 03
Department of Mechanical Engineering
Centre for Design Analysis and Testing (C-DAT)

Consultancy activities (From July 2018 to June 2019)

S.No.	Year &Month	Name of the Organization	Nature of Consultancy/Testing Services	Faculty
1	July'18	SACL, Tirupur	Model-B steering knuckle Impact test	1.Mr.Abdul Wahid / Senior Executive 2.Mr.K.Prabu / Assistant Professor 3.Mr.G.Karthick / Technical Assistant 4.Mr.K.Thangaraj / Lab Assistant
			Honda-TFMW-Steering knuckle Static test and Fatigue test	
			MSIL-YRA Steering knuckle Static test	
			FORD B515 TRA Static test	
2	August'18		MSIL-YRD Steering knuckle Static test	
			BEV2 Aluminium knuckle Impact test	
3.	October'18		HONDA-20M Steering knuckle Static and Durability test	
4.	November'18		HONDA-20M Steering knuckle Static and Durability test	
			MSIL –YAD Steering knuckle Static test	
			RBC Steering knuckle Fatigue test	
5.	December'18		RBC Steering knuckles Steering rod fatigue test	
			Ford U375 Steering knuckle Bearing press and pushout test	
		GM gasoline flywheel bearing pushout test		
		Honda TFMW steering knuckle static test		
		RBC steering knuckle Multi Axle force test(Phase I, II and III)		
6	January'19	MSIL YRA Steering knuckle static test-4 nos		
		Pivot-68-PSA steering knuckle static test-10 nos		

			Sakthi USA aluminium knuckle-Impact test- 9 nos	1.Mr.Abdul Wahid / Senior Executive 2.Mr.K.Prabu / Assistant Professor 3.Mr.G.Karthick / Technical Assistant 4.Mr.K.Thangaraj / Lab Assistant
			Y97 Arm bearing pushout test- 4 nos	
			MSIL Model B steering knuckle impact test-12 nos	
			MSIL Model YE3 Impact test-12 nos	
			RBCSteering knuckle Multi axle fatigue test-3 nos	
7	February'19		RNTBC-RBC steering knuckle Multi axle Fatigue test-100%- 2 nos	
			RNTBC-RBC steering knuckle Multi axle Fatigue test-200%- 2 nos	
			Mahendra & Mahendra Steering knuckle Static test - 16 nos	
8	March'19		MSIL YRA steering Static test- 54 nos	
9	April'19		1.M&M S201 steering knuckle impact test and static-9 nos 2.Honda M20 steering knuckle static test- 3 nos 3.H79 Renaults Steering knuckle-Static test-12 nos	
10	May'19		1.YRA Static test 2.S201 Static test 3.Hyundai-GBPE-Static test 4.2LT-Static and durability 5.2FM-Honda-Durability	
11	June '19		1.Honda 2LT durability-10 2.Static test-40	