

**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 2019 to June 2020)**

S.No	Project Title	Funding agency	Duration	Faculty
1	RNTBCI PY1B/HBC Knuckle - Steering Rod Force Test	M/s Sakthi Auto component Ltd	01-07-2019 to 07-07-2019	1.Mr.Abdul Wahid / Senior Executive 2.Dr.S.Madhusuthanan(SS) / Assistant Professor 3.Mr.K.Thangaraj / Technical Assistant Testing
2	RNTBCI PY1B/HBC Knuckle - Steering Rod Force Test	M/s Sakthi Auto component Ltd	01-07-2019 to 07-07-2019	
3	RNTBCI PY1B/HBC Knuckle - Three Axle Durability Test	M/s Sakthi Auto component Ltd	01-07-2019 to 25-07-2019	
4	HONDA TFMT Knuckle - Point-A MT Durability Test	M/s Sakthi Auto component Ltd	18-07-2019 to 23-07-2019	
5	HONDA TFMT Knuckle - Point-A FT Durability Test	M/s Sakthi Auto component Ltd	23-07-2019 to 29-07-2019	
6	HONDA 2CT Knuckle - Point-A - F5 Direction Static Strength test	M/s Sakthi Auto component Ltd	29.07.2019	
7	HONDA 2CT St.Knuckle - Static test	M/s Sakthi Auto component Ltd	28-08-2019 to 29-08-2019	
8	Volvo Bracket fan hub-3385 – Static test	M/s Sakthi Auto component Ltd	05-08-2019 to 10-08-2019	
9	RNTBCI PY1B/HBC Knuckle - Three Axle Durability Test	M/s Sakthi Auto component Ltd	08-08-2019 to 16-08-2019	
10	HONDA TFMT Knuckle - Point-R FT Durability test	M/s Sakthi Auto component Ltd	17-08-2019 to 01-09-2019	
11	HONDA TFMT Knuckle - Point-R MT Durability Test	M/s Sakthi Auto component Ltd	09-08-2019 to 12-08-2019	
12	HONDA TFMT Knuckle -	M/s Sakthi Auto component Ltd	07-08-2019	

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	Point-F MB Durability test		to 18-08-2019	
13	HONDA TFMT Knuckle - Point-S MH Durability Test	M/s Sakthi Auto component Ltd	30-07-2019 to 06-08-2019	1.Mr.Abdul Wahid / Senior Executive 2.Dr.S.Madhusuthanan(SS) / Assistant Professor 3.Mr.K.Thangaraj / Technical Assistant Testing
14	RNTBCI PY1B/HBC Knuckle - Three Axle Durability test	M/s Sakthi Auto component Ltd	01-09-2019 to 20-09-2019	
15	HONDA 20M St.Knuckle - Static Strength test	M/s Sakthi Auto component Ltd	04-09-2019 to 30-09-2019	
16	HONDA 20M St.Knuckle - Point-R MT Durability test	M/s Sakthi Auto component Ltd	07-09-2019 to 13-09-2019	
17	HONDA 20M St.Knuckle - Point-A MT Durability test	M/s Sakthi Auto component Ltd	26-09-2019 to 29-09-2019	
18	PSA Pivot 68 Knuckle - Steering arm Static test	M/s Sakthi Auto component Ltd	25.09.2019	
19	PSA Pivot 78 Knuckle - Steering arm Static test	M/s Sakthi Auto component Ltd	25.09.2019	
20	GM M2XX Knuckle - Steering arm Static test	M/s Sakthi Auto component Ltd	27.09.2019	
21	HONDA 20M St.Knuckle - Point-A MT Durability test	M/s Sakthi Auto component Ltd	30-09-2019 to 04-10-2019	
22	HONDA 20M St.Knuckle - Point-A FT Durability test	M/s Sakthi Auto component Ltd	04-10-2019 to 12-10-2019	
23	HONDA 20M St.Knuckle - Point-F MB Durability test	M/s Sakthi Auto component Ltd	10-10-2019 to 11-10-2019	
24	HONDA 20M St.Knuckle - Point-S MH Durability Test	M/s Sakthi Auto component Ltd	14-10-2019 to 18-10-2019	
25	HONDA 20M St.Knuckle - Point-R FT Durability Test	M/s Sakthi Auto component Ltd	15-10-2019 to 20-10-2019	

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26	GM-T200 KNUCKLE (NEW PATTERN VALIDATION) / Static Strength test	M/s Sakthi Auto component Ltd	24-10-2019 to 25-10-2019	
27	MSIL-Y9T ARM Bush Push In/Out Test	M/s Sakthi Auto component Ltd	13.10.2019	1.Mr.Abdul Wahid / Senior Executive 2.Dr.S.Madhusuthanan(SS) / Assistant Professor 3.Mr.K.Thangaraj / Technical Assistant Testing
28	MAHINDRA S201 St.Knuckle – Static test	M/s Sakthi Auto component Ltd	10.11.2019	
29	GP PE St.Knuckle– Static test	M/s Sakthi Auto component Ltd	30-12-2019 to 31-12-2019	
30	HONDA TRYX St.Knuckle– Static test	M/s Sakthi Auto component Ltd	02.01.2020	
31	GS St.Knuckle– Static test	M/s Sakthi Auto component Ltd	02.01.2020	
32	MSIL YRA St.Knuckle– Static test	M/s Sakthi Auto component Ltd	06-01-2020 to 14-01-2020	
33	MSIL YE3 St.Knuckle – Static test	M/s Sakthi Auto component Ltd	23.01.2020	
34	MSIL YE3_SK_TRA Durability test	M/s Sakthi Auto component Ltd	29-01-2020 to 13-02-2020	
35	HONDA 20M_SK- F2 Direction Static test	M/s Sakthi Auto component Ltd	26.02.2020	
36	HONDA 2LT_SK- F2 Direction Static test	M/s Sakthi Auto component Ltd	27.02.2020	