

List of equipments/measuring instruments for calibration

S. No.	Name of equipments /measuring instruments	ID no. of equipments/ measuring instruments	Rate offered for year 2019	Rate offered for year 2020	Rate offered for year 2021
Composite development centre					
1.	Digital PID temperature controller (Multicell ageing oven)	MC-691001			
2.	Digital temperature controller (Multicell ageing oven)	MC-691001			
3.	Humidity Chamber	MC-699001			
4.	Humidity Cabinet with wet & dry bulb	MC-664001			
5.	Glass Thermometer	MC-721001			
6.	Dual Channel Digital Thermometer	MC-724001			
7.	Dial Pressure Gauge (CH ₄)	MC-726001			
8.	Dial Pressure Gauge (O ₂)	MC-727001			
9.	Digital Lux Meter	MC-679001			
10.	Gas Flow Indicator of Smoke visibility tester	MC-679001			
11.	Digital Temperature indicator of Toxicity Index Apparatus	MC-656001			
12.	Gas flow indicator of LOI Apparatus	MC-657001			
13.	Digital Temperature indicator of LOI apparatus	MC-657001			
14.	Gas flow indicator of toxicity index apparatus	MC-656001			
15.	Two nos. Gas flow indicator of toxicity index apparatus (Air)	MC-656001			
16.	Hot plate s.v	MC-700001			
17.	Digital Temperature indicator of Muffle furnace(0-1200°C)	MC-690001			
PTCE Lab					
18.	Centrifuge Machine	MC-362001			
19.	Stop Watch	MC-406001			
20.	Hot air oven without hour meter	MC-367001			
21.	Physical balance (Two pan)	MC-363001			
22.	Hot air oven with L-Type thermometer(up to 250°C)	MC-367003			
23.	Humidity Cabinet with fog indicator	MC-379002			
24.	Impact Tester with weight	MC-381001			
25.	SO ₂ corrosion test apparatus with temp. controller	MC-385002			
26.	Pyknometer Cup	MC-401001			

27.	Salt spray Test cabinet with temp. controller	MC-390002			
28.	Digital Coating Thickness gauge	MC-396001			
29.	Flexibility & Adhesion tester	MC-397002			
30.	Hegmann gauge	MC-399002			
31.	Digital Hygrometer	MC-446 001			
32.	Thermometer(-10 to 110 ^o C)	MC-408001			
33.	Digital single pan balance	MC-415001			
34.	Phosphating bath	MC-420001			
35.	Sagging & leveling tester	MC-428001			
36.	Digital Stormer Viscometer	MC-430001			
37.	Drying time recorder	MC-431001			
38.	Dean & Stark Moisture Tube apparatus	MC-438001			
39.	Diesel Engine cooling water system	MC-440001			
40.	Humidity chamber with computer	MC-442001			
41.	Dial pressure Gauge (0-16kg/cm ²)	MC-443001			
42.	Digital Surface profile Gauge	MC-423001			
43.	Heating mental	MC-369001			
44.	Taber Abrasion Tester	MC-445001			
45.	Wet film thickness gauge	MC-427001			
46.	Statistical Gloss meter	MC-361001			
47.	Pull Off Adhesion Tester	MC-361002			
48.	Scratch Hardness Tester	MC-372001			
49.	MIT Lab				
50.	Computerized universal testing machine (50 tones capacity)	MC-030002			
51.	Universal testing machine (100 tones capacity)	MC-030001			
52.	Universal testing machine (2.5 tones capacity)	MC-031001			
53.	Vernier Calipers Analog	MC-038001			
54.	Vernier Calipers Digital	MC-038002			
	Rubber & Polymer Lab				
55.	Melt flow index tester	MC-214001			
56.	H.V. Mega ohm Resistance box	MC-216003			
57.	Thermometer (0 to 100 ^o C)	MC-229002			
58.	Glass Thermometer (0 to 360 ^o C)	MC-229004			
59.	Digital Temperature indicator	MC-229007			
60.	Dead weight	MC-WB/01			
61.	Dead weight	MC-WB/02			
62.	Dead weight	MC-WB/03			

63.	Ageing Oven	MC-218001			
64.	Ageing Oven	MC-218003			
65.	Ageing Oven	MC-218004			
66.	Yerzley Oscillograph	MC-238001			
67.	Analytical weight box (10 mg -100 gm)	MC-228001			
68.	Analytical weight box (1 gm -100 gm)	MC-228002			
69.	Muffle Furnace	MC-238006			
Tribology Lab					
65.	Dial Thermometer” Jumo” (0- 200 ⁰ C)	MC-333001			
66.	Pressure Gauge Range (0-7Kg/cm ²) FTR	MC-334013			
67.	Pressure Gauge Range (0-7Kg/cm ²) FTR	MC-334014			
68.	Mercury Thermometer (-2 to 400 ⁰ C)	MC-333005			
69.	Digital Temperature controller (0-300 ⁰ C).	MC-333006			
70.	Digital Temperature controller (0-300 ⁰ C).	MC-333007			
71.	Digital Electronic balance (0-6 .kg).	MC-335001			
72.	Analog Contact Tachometer (0-10000 rpm)	MC-336001			
73.	Digital Flow meter (0-400 Lt/mm)	MC-337001			
74.	Digital Temperature controller range (0 to 600 ⁰ C)	MC-333008			
75.	Digital Top loading balance (0-210 gms)	MC-335002			
76.	Mercury Thermometer (-38 to 50 ⁰ C)	MC-333004			
77.	Analog Pressure Gauge (0-10.6 Kg/cm ²) S.N 208-03	MC-334015			
78.	Analog Pressure Gauge (0-10.6 Kg/cm ²) S.N 208-04	MC-334016			
79.	Digital temperature controller Range (0-600 ⁰ C)	MC-333009			
80.	Digital temperature controller Range (0-600 ⁰ C)	MC-333010			
81.	Digital temperature controller inbuilt in vibration rig (0-99 ⁰ C)	MC-333011			
82.	Digital temperature controller inbuilt in vibration rig control panel (0-100 ⁰ C)	MC-333012			
83.	Digital Frequency/RPM Meter of vibration test rig (upto42 Hz/ 2520 rpm).	MC-354002			
84.	Digital temperature controller of hot air oven (0-400 ⁰ C)	MC-333013			

85.	Digital Tachometer (make-shimop /range 0-99999rpm)	MC-336002			
86.	Stop Watch	MC-336003			
87.	Digital electronic balance (0-50 Kg.)	MC-335003			
88.	Digital temperature controller of ETRS (0-150 °c)	MC-333014			
89.	Vacuum control box of vacuum pump(0-2 mbr)	MC-356001			
90.	Digital temperature indicator of Gum bath equipment (0-300 ° C)	MC-333015			
91.	Digital temperature Thermometer FLUKE	MC-333016			
92.	Integrated vibration frequency meter, type 2516	MC-345002			
Fuel & Lubricant section					
93.	Digital temperature indicator	MC-300005			
94.	Single pan balance	MC-303003			
95.	Stop watch Racer	MC-302001			
96.	Thermometer (-46 to 30 °C)	MC-300006			
98.	Thermometer (-10 to 110 °C)	MC-300008			
99.	Pressure Gauge (0-14 Kg/cm ²)	MC-301001			
100.	Pressure Gauge (0-150 psi)	MC-301002			
101.	Thermometer (72 to 126 °C)	MC-300009			
102.	Thermometer (80 to 100 °C)	MC-300010			
Welding section					
103	V-notch gauge	MC-487001			
104	Digital Clamp meter	MC-537001			
105	Digital balance	MC-WRL02			
106	Electrode Drying chamber	MC-515002			
107	Humidity chamber	MC-515001			
108	Digital IR Thermometer	MC-549002			
Total (In Rs.) =					

Total charges for three years (2019, 2020 & 2021) =

Total charges for three years (2019, 2020 & 2021) with taxes & duties =