

**Details of Equipment purchased / facilities created using funds from extra mural projects of Government:**

<b>S.No.</b>	<b>Equipment</b>	<b>Model</b>	<b>Make</b>	<b>Category</b>
1	Matlab Software (Neural Network, Signal Processing, Image Processing Modules)	Model: 2013 Version	Make: Corel Technologies	Research Instrumentation
2	Jasco 8600 Spectro Fluoro - Meter	Jasco FP - 8600	Jasco, Japan	Research Instrumentation
3	Planetary Ball-mill	Star Trace	Star Trace Private Limited, Redhills, Chennai.	Research Instrumentation
4	High Temperature Furnace	INDFURR-R-268	INDFURR Super Heat Furnaces, Porur, Chennai -116	Research Instrumentation
5	Planetary Flour Mixer	REPL	Red Berry Equipment(P)Ltd, Thane - 412 202.	Research Instrumentation
6	Gas-Analyzer	PFM-33 (SI No.14125)	Prima Equipments, Raopura, Vadodara-1	Research Instrumentation
7	Sieve-Shaker with sieves	Jayanth-J91	Shiva Engineers, Mumbai-2.	Research Instrumentation
8	Hot-Air Oven	V-SMART-Digital	Uma Scientific Supplier, Chennai	Research Instrumentation
9	Mechanical Stirrer	REMI-RQ122R	Uma Scientific Supplier, Chennai	Research Instrumentation
10	Magnetic Stirrer	REMI-1ML	Uma Scientific Supplier, Chennai	Research Instrumentation
11	Remi Research Centrifuge	Remi Centrifuge	Remi Sales & Service, Chennai	Research Instrumentation
12	4 digit balance	INFRA-SL-II	Infra-make	Research Instrumentation
13	Gas Chromatograph	YL 6500 GC System	MSP Lab Instruments	Research Instrumentation
14	Hot Air Oven	95 Litres, Rating 1500	Uma Scientific Suppliers	Research Instrumentation

<b>S.No.</b>	<b>Equipment</b>	<b>Model</b>	<b>Make</b>	<b>Category</b>
15	Muffle Furnace	Size 4x4x9' 1100 C Digital Controls	V Smart Instruments	Research Instrumentation
16	Axial fan with VFD and Motor	AXF - NS 275 - 850 - 1480	Fantek Chennai	Research Instrumentation
17	Rotary Torque Sensor	TS15 - 0023	Sushma	Research Instrumentation
18	Isolated Strain guage	I3016CR000DALBJ001 82	ICPCON	Research Instrumentation
19	PC based data acquisition system	IA5FCEA	National Instruments	Research Instrumentation
20	Shaking water bath	LSB18	Grant Instruments Cambridge Limited England.	Research Instrumentation
21	Ultra low Temperature Freezes	Thermo Fishes Scientific, Hangkong	Forma - 86 C ULT Deep Freezes Upright Model - 902 ULTS	Research Instrumentation
22	Freeze Dryer	Freezone., 7740031	Lab Conco Corporation, USA.	Research Instrumentation
23	High Pressure ICP Ballistic Pressure Sensor	109C11	Structural Solution PVT. LTD.	Research Instrumentation
24	Low Noise Co-axial Cable	18292	Structural Solution PVT. LTD.	Research Instrumentation
25	Platinum Stock Product Signal Conditioner	482C05	Structural Solution PVT. LTD.	Research Instrumentation
26	B & K make Sound level analyzer	2270G4 Hand Held Anayzer.	Brueel & Kjaer	Research Instrumentation
27	Thermal Conductivity Analyzer	KD2 Pro Thermal Conductivity Analyzer & Ultrasonic Probe Sonicator	Decagon Devices USA	Research Instrumentation
28	Upgraded LS DYNA	LS DYNA Perpectual Licence, Upgraded from 4 to 8		Research Instrumentation



