

LIST OF MAJOR EQUIPMENTS FOR RESEARCH

EASWARI ENGINEERING COLLEGE

List of Major Equipment's and Software's

S. No	Equipment Details	Amount in lakhs
1	High Pressure Reactor	5.0
2	Cryogenic Reactor	4.4
3	Rotary Evaporator with Recirculating Chiller	4.18
4	Glove Box	3.30
5	Vacuum Oven with vacuum pump	1.11
6	Oil Bath with magnetic stirrer	0.78
7	Over Head Stirrer	0.07
8	Platinum crucible	3.77
9	Muffle furnace	0.56
10	BOD incubator	0.45
11	pH meter	0.68
12	Analytical balance	0.92
13	Hot Air Oven	2.30



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14	8-Cell RCPT Apparatus with DAQ system	1.98
15	Mortar Mixture	1.12
16	Flexural Setup	0.45
17	Test Equipment's	1.08
18	ANSYS FLUENT unlimited nodes	8.75
19	12 core Parallel processing Work Station	3.79
20	'DESIGN BUILDER' Building simulation software	3.80
21	UV-VIS Spectrometer	6.68
22	Cathode ray oscilloscope	0.18
23	Digital storage oscilloscope	0.50
24	Spectrum Analyser	1.50
25	Electro Echogram	1.30
26	Electro Cardiogram	0.45

