

**LIST OF IN-HOUSE R&D UNITS IN INDUSTRY REPORTING
ANNUAL EXPENDITURE IN THE RANGE OF
RS. 100 LAKHS TO RS. 500 LAKHS**

Sl. No.	Name of the firm	R&D Expenditure Reported (Rs. In lakhs) *
1.	Aarti Industries Ltd.	183
2.	Ador Welding Ltd.	127
3.	Advanta India Ltd.	191
4.	Aerospace System Pvt. Ltd.	323
5.	Ajanta Pharma Ltd.	113
6.	Ajit Seeds Ltd.	346
7.	Alkali Metals Ltd.	326
8.	Alkyl Amines Chemicals Ltd.	109
9.	Alkam Laboratories Ltd.	364
10.	Amalgam Leather Pvt. Ltd.	283
11.	Amara Raja Batteries Ltd.	123
12.	Amphenol Interconnect India Pvt. Ltd.	160
13.	Amrutanjan Ltd.	113
14.	Amtrex Hitachi Appliances Ltd.	120
15.	Ankur Seeds Pvt. Ltd.	313
16.	Anabond Ltd.	116
17.	Aptech Ltd.	179
18.	Apollo Tyres Ltd.	413
19.	Applied Electro-Magnetics Pvt. Ltd.	157
20.	Arch Pharma Labs Ltd.	100
21.	Ardee Business Services Pvt. Ltd.	114
22.	A S L Advanced System Ltd.,	102
23.	Autometer Alliance Ltd.	176
24.	Avera Laboratories Ltd.	121
25.	Avsarala Tungsten Ltd.	183
26.	Avestha Genuine Technologies Pvt. Ltd.	495
27.	BPL Engineering Ltd.	125
28.	BPL Telecom Ltd.	110
29.	BalaJi Amines Ltd.	340
30.	Bajaj Electricals Ltd.	167
31.	Ballarpur Industries Ltd.	111
32.	Balmer Lawrie & Company Ltd.	252
33.	Balsara Hygine Products Ltd.	124
34.	Bangalore Integrated System Solution Pvt. Ltd.	135
35.	Banyan Network Pvt. Ltd.	138

Sl. No.	Name of the firm	R&D Expenditure Reported (Rs. In lakhs) *
36.	Bata India Ltd.; The	392
37.	Bayer Crop Sciences Ltd.	190
38.	B E L Optronics Devices Ltd.	137
39.	Berger Paints India Ltd.	225
40.	Bharat Dynamics Ltd.	389
41.	Bharat Seats Ltd.	132
42.	Bharat Heavy Plate & Vessels Ltd.	141
43.	Bhartia Industries Ltd.	129
44.	Bilag Industries Pvt. Ltd.	102
45.	Biological E. Ltd.	293
46.	Bombay Burmah Trading Corporation Ltd.	132
47.	Britannia Industries Ltd.	132
48.	CMC Computers Ltd.	134
49.	Calyx Chemical & Pharmaceuticals Pvt. Ltd.	244
50.	Camlin Ltd.	194
51.	Camphor & Allied Products Ltd.	147
52.	Carborundum Universal Ltd.	190
53.	Caterpillar India Ltd.	232
54.	Cantaur Chemical Ltd.,	373
55.	Cantaur Pharmaceuticals Ltd.,	350
56.	Century Textiles & Industries Ltd.	107
57.	Central Electronics Ltd.	260
58.	Ceat Ltd. (Tyre Division)	118
59.	Chandras Chemicals Enterprise Ltd.	101
60.	Chembond Chemicals Ltd.	104
61.	Chennai Petroleum Corporation Ltd.	334
62.	Clariant Chemical (India) Ltd.	324
63.	Claris Life Sciences Ltd.	346
64.	Colour-Chem Ltd.	482
65.	Concept Pharmaceuticals Ltd.	179
66.	Continental Devices of India Ltd.	192
67.	Coral Telecom Ltd.	101
68.	Cosmo Films India Ltd.	205
69.	DCW Ltd.	132
70.	DE-NOCIL Crop Protection Ltd.	216
71.	DGP Hinoday Industries Ltd.	190
72.	DGP Windsor India Ltd.	152
73.	Dai-ichi Karkaria Ltd.	355
74.	Deepak Nitrite Ltd.	493
75.	Delphi TVS Diesel System Ltd.	220
76.	Dhampur Sugar Mills Ltd.	296

Sl. No.	Name of the firm	R&D Expenditure Reported (Rs. In lakhs) *
77.	Dishman Pharmaceutical & Chemical Ltd.	213
78.	Dr. Vithalrao Vikha Patil Sahakari Sakhar Karkhana Ltd.	384
79.	Duke Arnic Electronics Ltd.	108
80.	Dynamatic Technologies Ltd.	232
81.	East India Pharmaceutical Works Ltd.	105
82.	Efftronics System Pvt. Ltd.	107
83.	Elder Pharmaceutical Ltd.	242
84.	Electronic Research Ltd.	131
85.	Elgi Tread (India) Ltd.	208
86.	Elin Electronics Ltd.	106
87.	Emergent Genetics India Pvt. Ltd.	323
88.	Emmellen Biotech Pharmaceuticals Ltd.	193
89.	Encore Software Ltd.	428
90.	Enercon Systems Pvt. Ltd.	100
91.	Eureka Forbes Ltd.	187
92.	Excel Crop Care Ltd.	252
93.	Excel Industries Ltd.	193
94.	Eveready Industries India Ltd.	117
95.	Exide Industries Ltd.	402
96.	Fenner (India) Ltd.	194
97.	Fermenta Biotech Ltd.	223
98.	Fibcom India Ltd.	273
99.	Fortune Biotech Ltd.	204
100.	Foseco India Ltd.	242
101.	Gajra Gears Pvt. Ltd.	103
102.	Gammon India Ltd.	128
103.	Ganga Kaveri Seeds Pvt. Ltd.	191
104.	Garware Polyester Ltd.	215
105.	Garware Wall Ropes Ltd.	188
106.	Genus Overseas Eletronics Ltd.	302
107.	Gland Pharma Ltd.	261
108.	Glaxo Smithkline Pharmaceutical Ltd.	243
109.	Godavari Sugar Mills Ltd	100
110.	Godfrey Philips (India) Ltd.	303
111.	Godrej Agrovet Ltd.	117
112.	Goodlass Nerolac Paints Ltd.	412
113.	Grasim Industries Ltd.	138
114.	Gujarat Alkalies & Chemicals Ltd.	222
115.	Gujarat Narmada Valley Fertilisers Co. Ltd.	115
116.	Gulbrandson Chemicals Pvt. Ltd.	237
117.	HBL Nife Power System Ltd.	384

Sl. No.	Name of the firm	R&D Expenditure Reported (Rs. In lakhs) *
118.	HMT Ltd. (Tractor Division)	145
119.	HMT Machine Tools Ltd.	281
120.	Hargovind Bajaj Research & Development Centre	258
121.	Harita Seating Systems Ltd.	168
122.	Haryana State Electronics Development Corpn. Ltd.	170
123.	Hawkins Cookers Ltd.	108
124.	Heinz India Pvt. Ltd.	412
125.	Hetero Drugs Ltd.	406
126.	Hikal Ltd.	351
127.	High Energy Batteries (I) Ltd.	129
128.	High Polymer Lab.	116
129.	Himalaya Drug Company	257
130.	Hindalco Industries Ltd.	191
131.	Hindustan Antibiotics Ltd.	102
132.	Hindustan Cables Ltd.	207
133.	Hindustan Composites Ltd.	119
134.	Hindustan Construction Company Ltd.	362
135.	Hindustan Copper Ltd.	119
136.	Hindustan Insecticides Ltd.	105
137.	Hindustan Petroleum Corporation Ltd.	204
138.	Hindustan Photo Films Manufacturing Co. Ltd.	101
139.	Hindustan Polyamides & Fibres Ltd.	128
140.	Hindustan Zinc Ltd.	250
141.	Hitachi Home & Life Solutions India Ltd.,	158
142.	Hyderabad Industries Ltd.	122
143.	IBP Company Ltd.	229
144.	Indian Acrylics Ltd.	295
145.	India Glycols Ltd.	192
146.	India Nippon Electricals Ltd.	130
147.	Indian Hume Pipe Ltd.	106
148.	Indian Rare Earth Ltd.	236
149.	India Pistons Ltd.	142
150.	Ind Swift Laboratories Ltd.	458
151.	Ind Swift Ltd.	133
152.	Indo American Hybrid Seeds (India) Ltd.	169
153.	Indoco Remedies Ltd.	401
154.	Indofill Chemicals Ltd. (Division of Modipon Ltd.)	220
155.	Indo-National Ltd.	147
156.	Infotech Enterprises Ltd.	114
157.	Innovassynth Technologies (I) Ltd.	154
158.	Ion Exchange (India) Ltd.	205

Sl. No.	Name of the firm	R&D Expenditure Reported (Rs. In lakhs) *
159.	Jay Hind Industries Ltd.	171
160.	J. Mitra & Co. Ltd.	109
161.	J.B. Chemicals & Pharmaceuticals Ltd.	438
162.	J.K. Agri-Genetics Ltd.	493
163.	Jain Irrigation Systems Ltd.	149
164.	Jindal Steel Power Ltd.	188
165.	Jindal Vijaynagar Steel Ltd.	240
166.	Jyoti Ltd.	312
167.	Jyoti Ceramic Industries Pvt. Ltd.	139
168.	KCP Sugar Industries Corporation Ltd.	421
169.	Kannametal Widia India Ltd.	295
170.	Kasila Farms Ltd.	110
171.	KEC International Ltd.	159
172.	Kerala Minerals & Metals Ltd.	110
173.	Kerala State Electricity Board	142
174.	Kirloskar Brothers Ltd.	171
175.	Kirloskar Copeland Ltd.	262
176.	Kirloskar Electric Co. Ltd.	125
177.	Kirloskar Oil Engines Ltd.	403
178.	Kinetic Engineering Ltd.	303
179.	Kochi Refineries Ltd.	191
180.	Kopran Research Laboratories Ltd.	308
181.	Krishidan Seeds Ltd.	415
182.	L&T Komatsu Ltd.	138
183.	Lamco Industries Pvt. Ltd.	160
184.	Lifecare Innovations (Pvt.) Ltd.	109
185.	Link well Tele System (P) Ltd.	183
186.	Lyka Labs Ltd.	123
187.	MIC Electronics Ltd.	237
188.	MRO-Tek Ltd.	282
189.	MTAR Technologies Pvt. Ltd.	165
190.	Macleods Pharmaceuticals Ltd.	292
191.	Mafatlal Industries Ltd.	268
192.	Malladi Drug and Pharmaceuticals Ltd.	274
193.	Manali Petrochemical Ltd.	156
194.	Manugraph India Ltd.	104
195.	Marico Industries Ltd.	240
196.	Metal Power Company Ltd.	110
197.	Mc-Dowell & Co. Ltd.	355
198.	Midas Communication Technology Pvt. Ltd.	159
199.	Minda Huf Ltd.	227

Sl. No.	Name of the firm	R&D Expenditure Reported (Rs. In lakhs) *
200.	Mirc Electronics Ltd.	236
201.	Mishra Dhatu Nigam Ltd.	175
202.	Modipon Ltd.	221
203.	Multi Arc India Ltd.	239
204.	NRC Ltd.	155
205.	Nagarjuna Fertilisers & Chemicals Ltd.	176
206.	National Aluminium Company Ltd.	435
207.	Namdhari Seeds Ltd.	201
208.	National Organic Chemical Industries Ltd.	206
209.	Natural Remedies Pvt. Ltd.	270
210.	Newland Laboratories Ltd.	439
211.	Nicco Corpn. Ltd. (Cable Divn.), Calcutta	121
212.	Nirmal Seeds pvt. Ltd.	114
213.	Nunhum Seeds Ltd.	147
214.	O/E/N India Ltd.	102
215.	Otis Elevator Co. (India) Ltd.	123
216.	P I Industries Ltd.	250
217.	Panasonic Batteries India Co. Ltd.	195
218.	Parry Agro Industries Ltd.	140
219.	Pest Control (India) Ltd.	163
220.	Philips Carbon Black Ltd.	129
221.	Pidilite Industries Ltd.	396
222.	Premier Polytronics Pvt. Ltd.	101
223.	Pratista Industries Ltd.	379
224.	RPG Life Sciences Ltd.	319
225.	Radiant Corporation Pvt. Ltd.	295
226.	Rane Brake Linings Ltd.	333
227.	Rane TRW Steering Systems Ltd.,	202
228.	Rasi Seeds Ltd.	112
229.	Rajapalayam Mills Ltd.	187
230.	Raptakos Brett Co. Ltd.	196
231.	Rashtriya Chemicals & Fertilizers Ltd.	130
232.	Reva Electric Car Co. Pvt. Ltd.	355
233.	Rubamin Pharmaceuticals Ltd.	125
234.	SRF Ltd.	290
235.	Sai Life Sciences Ltd.,	176
236.	Sakthi Sugar Ltd.	364
237.	Sakata Ink (I) Ltd.	122
238.	Samcor Glass Ltd.	244
239.	Samtel Color Ltd.	115
240.	Sandvik Asia Ltd.	186

Sl. No.	Name of the firm	R&D Expenditure Reported (Rs. In lakhs) *
241.	Sanmar Speciality Chemicals Ltd.	189
242.	Schenectady-Beck India Ltd.	101
243.	Scooters India Ltd.	112
244.	Sekhsaria Chemicals Ltd.	347
245.	Seminis Vegetables Seeds India Ltd.	294
246.	Shree Cement Ltd.	193
247.	Shreeji Laser Technology Pvt. Ltd.	127
248.	Shriram Pistons & Rings Ltd.	338
249.	Simpson & Co. Ltd.	355
250.	SLN Technologies Pvt. Ltd.	125
251.	SOF Blue Pvt. Ltd.	333
252.	Sona Koyo Steering Systems Ltd.	262
253.	Southern Petrochemical Industries Corpn. Ltd.	332
254.	Spaco Carburettors (India) Ltd.	132
255.	Speck Systems Ltd.	180
256.	Steel Strips Ltd.	128
257.	Sterlite Industries (India) Ltd.	228
258.	Structwell Designers & Consultants Pvt. Ltd.	113
259.	Stesalit Ltd.	135
260.	Sudarshan Biotech Ltd.	160
261.	Sudarshan Chemicals Industries Ltd.	355
262.	Sundaram Fastner Ltd.	356
263.	Swaraj Mazda Ltd.	173
264.	TIL Ltd.	114
265.	TVS Electronics Ltd.	442
266.	TVS Srichakra Ltd.	142
267.	Tablets India Ltd.	164
268.	Tamilnadu Petroproducts Ltd.	280
269.	Tata International Ltd.	102
270.	Tata Refractories Ltd.	206
271.	Tata Tea Ltd.	419
272.	Tally Solutions Pvt. Ltd.	262
273.	Tecumesh Products India Ltd.	184
274.	Telco Construction Equipment Company Ltd.	343
275.	Tetra Pak India Pvt. Ltd.	158
276.	Thermax Ltd.	337
277.	Tonira Pharma Ltd.	234
278.	Themis Laboratory Limited	475
279.	The Apex Electricals Ltd.	152
280.	The Dharamsi Morarji Chemical Co. Ltd.,	138
281.	The India Cement Ltd.	128

Sl. No.	Name of the firm	R&D Expenditure Reported (Rs. In lakhs) *
282.	Thermax Ltd.	338
283.	Tide Water Oil Co. (India) Ltd.	130
284.	Transasia Biomedicals Ltd.	426
285.	Travancore Titanium Products Ltd.	125
286.	Triveni Engineering & Industries Ltd.	169
287.	Tube Products of India (Unit of Tube Investment of India Ltd.)	196
288.	Turbo Engineering Ltd.	228
289.	Tulsi Seeds Pvt. Ltd.	120
290.	United Telecoms Ltd.	311
291.	VIP Industries Ltd.	425
292.	Venkateshwara Hatcheries Ltd.	460
293.	Voltas Ltd.	135
294.	Walchandnagar Industries Ltd.	103
295.	Wheels India Ltd.	495
296.	Yuken India Ltd.	178
297.	Zandu Pharmaceuticals Works Ltd.	139
298.	Zen Technologies Ltd.	228
299.	Zenotech Laboratories Ltd.	249

* R&D expenditures reported are as claimed by the firms in their latest available Annual reports in DSIR/renewal applications.