

ANNEXURE 4

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.	188
2.	Aarti Drugs Ltd.	354
3.	Ador Welding Ltd.	127
4.	Advanta India Ltd.	191
5.	Aerospace System Pvt. Ltd.	323
6.	Ajanta Pharma Ltd.	113
7.	Ajit Seeds Ltd.	346
8.	Alkali Metals Ltd.	326
9.	Alkyl Amines Chemicals Ltd.	109
10.	Alkam Laboratories Ltd.	364
11.	Amalgam Leather Pvt. Ltd.	283
12.	Amara Raja Batteries Ltd.	123
13.	Amphenol Interconnect India Pvt. Ltd.	160
14.	Amrutanjan Ltd.	113
15.	Amtrex Hitachi Appliances Ltd.	120
16.	Ankur Seeds Pvt. Ltd.	313
17.	Anabond Ltd.	174
18.	Aptech Ltd.	179
19.	Apollo Tyres Ltd.	413
20.	Applied Electro-Magnetics Pvt. Ltd.	157
21.	Arch Pharma Labs Ltd.	100
22.	Ardee Business Services Pvt. Ltd.	114
23.	A S L Advanced System Ltd.,	102
24.	Autometer Alliance Ltd.	176
25.	Avera Laboratories Ltd.	121
26.	Avsarala Tungsten Ltd.	183
27.	Avestha Genuine Technologies Pvt. Ltd.	495
28.	BPL Engineering Ltd.	125
29.	BPL Telecom Ltd.	110
30.	Balaji Amines Ltd.	340
31.	Bajaj Electricals Ltd.	167

Sl. No.	Name of the firm	R&D Expenditure Reported (Rs. In lakhs) *
32.	Ballarpur Industries Ltd.	111
33.	Balmer Lawrie & Company Ltd.	252
34.	Balsara Hygiene Products Ltd.	124
35.	Bangalore Integrated System Solution Pvt. Ltd.	135
36.	Banyan Network Pvt. Ltd.	138
37.	Bata India Ltd.; The	392
38.	Bayer Crop Sciences Ltd.	190
39.	B E L Optronics Devices Ltd.	137
40.	Berger Paints India Ltd.	225
41.	Bharat Dynamics Ltd.	389
42.	Bharat Seats Ltd.	132
43.	Bharat Heavy Plate & Vessels Ltd.	141
44.	Bhartia Industries Ltd.	129
45.	Bilag Industries Pvt. Ltd.	102
46.	Biological E. Ltd.	380
47.	Bombay Burmah Trading Corporation Ltd.	132
48.	Britannia Industries Ltd.	132
49.	CMC Computers Ltd.	134
50.	Calyx Chemical & Pharmaceuticals Pvt. Ltd.	244
51.	Camlin Ltd.	194
52.	Camphor & Allied Products Ltd.	147
53.	Carborundum Universal Ltd.	190
54.	Caterpillar India Ltd.	232
55.	Cantaur Chemical Ltd.,	373
56.	Cantaur Pharmaceuticals Ltd.,	350
57.	Century Textiles & Industries Ltd.	107
58.	Central Electronics Ltd.	260
59.	Ceat Ltd. (Tyre Division)	118
60.	Chandras Chemicals Enterprise Ltd.	101
61.	Chembond Chemicals Ltd.	104
62.	Chennai Petroleum Corporation Ltd.	334
63.	Clariant Chemical (India) Ltd.	324
64.	Claris Life Sciences Ltd.	346
65.	Colour-Chem Ltd.	482
66.	Comed Chemicals Ltd.	166

ANNEXURE 4(Contd....)

Sl. No.	Name of the firm	R&D Expenditure Reported (Rs. In lakhs) *
67.	Concept Pharmaceuticals Ltd.	179
68.	Continental Devices of India Ltd.	192
69.	Coral Telecom Ltd.	101
70.	Cosmo Films India Ltd.	205
71.	DCW Ltd.	132
72.	DE-NOCIL Crop Protection Ltd.	216
73.	DGP Hinoday Industries Ltd.	190
74.	DGP Windsor India Ltd.	152
75.	Dai-ichi Karkaria Ltd.	355
76.	Deepak Nitrite Ltd.	493
77.	Delphi TVS Diesel System Ltd.	220
78.	Dhampur Sugar Mills Ltd.	296
79.	Dishman Pharmaceutical & Chemical Ltd.	213
80.	Dr. Vithalrao Vikhe Patil Sahakari Sakhar Karkhana Ltd.	384
81.	Duke Arnic Electronics Ltd.	108
82.	Dynatomic Technologies Ltd.	232
83.	East India Pharmaceutical Works Ltd.	105
84.	Efftronics System Pvt. Ltd.	107
85.	Elder Pharmaceutical Ltd.	434
86.	Electronic Research Ltd.	131
87.	Elgi Tread (India) Ltd.	208
88.	Elin Electronics Ltd.	106
89.	Emergent Genetics India Pvt. Ltd.	323
90.	Emmellen Biotech Pharmaceuticals Ltd.	193
91.	Encore Software Ltd.	428
92.	Enercon Systems Pvt. Ltd.	100
93.	Eureka Forbes Ltd.	187
94.	Excel Crop Care Ltd.	252
95.	Excel Industries Ltd.	193
96.	Eveready Industries India Ltd.	117
97.	Exide Industries Ltd.	402
98.	Fenner (India) Ltd.	194
99.	Fermenta Biotech Ltd.	223
100.	Fibcom India Ltd.	273
101.	Fortune Biotech Ltd.	204

Sl. No.	Name of the firm	R&D Expenditure Reported (Rs. In lakhs) *
102.	Foseco India Ltd.	242
103.	Gajra Gears Pvt. Ltd.	103
104.	Gammon India Ltd.	128
105.	Ganga Kaveri Seeds Pvt. Ltd.	191
106.	Garware Polyester Ltd.	215
107.	Garware Wall Ropes Ltd.	188
108.	Genus Overseas Electronics Ltd.	302
109.	Gland Pharma Ltd.	261
110.	Glaxo Smithkline Pharmaceutical Ltd.	243
111.	Godavari Sugar Mills Ltd	100
112.	Godfrey Philips (India) Ltd.	303
113.	Godrej Agrovvet Ltd.	117
114.	Goodlass Nerolac Paints Ltd.	412
115.	Grasim Industries Ltd.	138
116.	Grauer & Weil (India) Ltd.	258
117.	Gujarat Alkalies & Chemicals Ltd.	222
118.	Gujarat Narmada Valley Fertilisers Co. Ltd.	133
119.	Gulbrandson Chemicals Pvt. Ltd.	237
120.	HBL Nife Power System Ltd.	384
121.	HMT Ltd. (Tractor Division)	145
122.	HMT Machine Tools Ltd.	281
123.	Hargovind Bajaj Research & Development Centre	258
124.	Harita Seating Systems Ltd.	168
125.	Haryana State Electronics Development Corpn. Ltd.	170
126.	Hawkins Cookers Ltd.	108
127.	Heinz India Pvt. Ltd.	412
128.	Hetero Drugs Ltd.	406
129.	Hikal Ltd.	351
130.	High Energy Batteries (I) Ltd.	129
131.	High Polymer Lab.	116
132.	Himalaya Drug Company	257
133.	Hindalco Industries Ltd.	191
134.	Hindustan Antibiotics Ltd.	102
135.	Hindustan Cables Ltd.	207
136.	Hindustan Composites Ltd.	119

ANNEXURE 4(Contd....)

Sl. No.	Name of the firm	R&D Expenditure Reported (Rs. In lakhs) *
137.	Hindustan Construction Company Ltd.	362
138.	Hindustan Copper Ltd.	119
139.	Hindustan Insecticides Ltd.	105
140.	Hindustan Petroleum Corporation Ltd.	204
141.	Hindustan Photo Films Manufacturing Co. Ltd.	101
142.	Hindustan Polyamides & Fibres Ltd.	128
143.	Hindustan Zinc Ltd.	250
144.	Hitachi Home & Life Solutions India Ltd.,	158
145.	Hyderabad Industries Ltd.	122
146.	IBP Company Ltd.	229
147.	Indian Acrylics Ltd.	295
148.	India Glycols Ltd.	192
149.	India Nippon Electricals Ltd.	130
150.	Indian Hume Pipe Ltd.	106
151.	Indian Rare Earth Ltd.	236
152.	India Pistons Ltd.	142
153.	Ind Swift Laboratories Ltd.	458
154.	Ind Swift Ltd.	133
155.	Indo American Hybrid Seeds (India) Ltd.	169
156.	Indoco Remedies Ltd.	401
157.	Indofill Chemicals Ltd. (Division of Modipon Ltd.)	220
158.	Indo-National Ltd.	147
159.	Infotech Enterprises Ltd.	114
160.	Innovassynth Technologies (I) Ltd.	154
161.	Ion Exchange (India) Ltd.	205
162.	Jay Hind Industries Ltd.	171
163.	J. Mitra & Co. Ltd.	109
164.	J.B. Chemicals & Pharmaceuticals Ltd.	438
165.	J.K. Agri-Genetics Ltd.	493
166.	Jain Irrigation Systems Ltd.	149
167.	Jindal Steel Power Ltd.	188
168.	Jindal Vijaynagar Steel Ltd.	240
169.	Jyoti Ltd.	312
170.	Jyoti Ceramic Industries Pvt. Ltd.	139
171.	KCP Sugar Industries Corporation Ltd.	421

Sl. No.	Name of the firm	R&D Expenditure Reported (Rs. In lakhs) *
172.	Kannametal Widia India Ltd.	295
173.	Kasila Farms Ltd.	110
174.	KEC International Ltd.	159
175.	Kerala Minerals & Metals Ltd.	110
176.	Kerala State Electricity Board	142
177.	Kirloskar Brothers Ltd.	171
178.	Kirloskar Copeland Ltd.	262
179.	Kirloskar Electric Co. Ltd.	125
180.	Kirloskar Oil Engines Ltd.	403
181.	Kinetic Engineering Ltd.	303
182.	Kochi Refineries Ltd.	191
183.	Kopran Research Laboratories Ltd.	308
184.	Krishidan Seeds Ltd.	415
185.	Kumar Organic Products Ltd.	155
186.	L&T Komatsu Ltd.	138
187.	Lamco Industries Pvt. Ltd.	160
188.	Lifecare Innovations (Pvt.) Ltd.	109
189.	Link well Tele System (P) Ltd.	183
190.	Lyka Labs Ltd.	123
191.	MIC Electronics Ltd.	237
192.	MRO-Tek Ltd.	282
193.	MTAR Technologies Pvt. Ltd.	165
194.	Macleods Pharmaceuticals Ltd.	292
195.	Madhu Silica Pvt. Ltd.	177
196.	Mafatlal Industries Ltd.	268
197.	Malladi Drug and Pharmaceuticals Ltd.	274
198.	Manali Petrochemical Ltd.	156
199.	Manugraph India Ltd.	104
200.	Marico Industries Ltd.	240
201.	Metal Power Company Ltd.	110
202.	Mc-Dowell & Co. Ltd.	355
203.	Midas Communication Technology Pvt. Ltd.	159
204.	Minda Huf Ltd.	227
205.	Mirc Electronics Ltd.	236
206.	Mishra Dhatu Nigam Ltd.	175

ANNEXURE 4(Contd....)

Sl. No.	Name of the firm	R&D Expenditure Reported (Rs. In lakhs) *
207.	Modipon Ltd.	221
208.	Multi Arc India Ltd.	239
209.	NRC Ltd.	155
210.	Nagarjuna Fertilisers & Chemicals Ltd.	176
211.	National Aluminium Company Ltd.	435
212.	Namdhari Seeds Ltd.	201
213.	National Organic Chemical Industries Ltd.	206
214.	Natural Remedies Pvt. Ltd.	351
215.	Newland Laboratories Ltd.	439
216.	Nicco Corpn. Ltd. (Cable Divn.), Calcutta	121
217.	Nirmal Seeds pvt. Ltd.	114
218.	Nunhum Seeds Ltd.	147
219.	O/E/N India Ltd.	102
220.	Otis Elevator Co. (India) Ltd.	123
221.	P I Industries Ltd.	250
222.	Panasonic Batteries India Co. Ltd.	195
223.	Parry Agro Industries Ltd.	140
224.	Pest Control (India) Ltd.	163
225.	Philips Carbon Black Ltd.	129
226.	Pidilite Industries Ltd.	396
227.	Premas Biotech Pvt.Ltd.	462
228.	Premier Polytronics Pvt. Ltd.	101
229.	Pratista Industries Ltd.	379
230.	RPG Life Sciences Ltd.	492
231.	Radiant Corporation Pvt. Ltd.	295
232.	Rane Brake Linings Ltd.	333
233.	Rane TRW Steering Systems Ltd.,	202
234.	Rasi Seeds Ltd.	112
235.	Rajapalayam Mills Ltd.	187
236.	Raptakos Brett Co. Ltd.	196
237.	Rashtriya Chemicals & Fertilizers Ltd.	130
238.	Reliance Cellulose Products Ltd.	146
239.	Reva Electric Car Co. Pvt. Ltd.	355
240.	Rubamin Pharmaceuticals Ltd.	125
241.	SRF Ltd.	290

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ANNEXURE 4(Contd....)

Sl. No.	Name of the firm	R&D Expenditure Reported (Rs. In lakhs) *
242.	Sai Life Sciences Ltd.,	176
243.	Sakthi Sugar Ltd.	364
244.	Sakata Ink (I) Ltd.	122
245.	Samcor Glass Ltd.	244
246.	Samtel Color Ltd.	115
247.	Sandvik Asia Ltd.	186
248.	Sanmar Speciality Chemicals Ltd.	189
249.	Schenectady-Beck India Ltd.	101
250.	Scooters India Ltd.	112
251.	Sekhsaria Chemicals Ltd.	347
252.	Seminis Vegetables Seeds India Ltd.	294
253.	Shree Cement Ltd.	193
254.	Shreeji Laser Technology Pvt. Ltd.	127
255.	Shriram Pistons & Rings Ltd.	338
256.	Simpson & Co. Ltd.	355
257.	SLN Technologies Pvt. Ltd.	125
258.	SOF Blue Pvt. Ltd.	333
259.	Sona Koyo Steering Systems Ltd.	262
260.	Southern Petrochemical Industries Corpn. Ltd.	332
261.	Spaco Carburettors (India) Ltd.	132
262.	Speck Systems Ltd.	180
263.	Steel Strips Ltd.	128
264.	Sterlite Industries (India) Ltd.	228
265.	Structwell Designers & Consultants Pvt. Ltd.	113
266.	Stesalit Ltd.	135
267.	Sudarshan Biotech Ltd.	160
268.	Sudarshan Chemicals Industries Ltd.	404
269.	Sundaram Fastner Ltd.	356
270.	Swaraj Mazda Ltd.	173
271.	TIL Ltd.	114
272.	TVS Electronics Ltd.	442
273.	TVS Srichakra Ltd.	142
274.	Tablets India Ltd.	164
275.	Tamilnadu Petroproducts Ltd.	280
276.	Tata International Ltd.	102

ANNEXURE 4(Contd....)

Sl. No.	Name of the firm	R&D Expenditure Reported (Rs. In lakhs) *
277.	Tata Refractories Ltd.	206
278.	Tata Tea Ltd.	419
279.	Tally Solutions Pvt. Ltd.	262
280.	Tecumesh Products India Ltd.	184
281.	Telco Construction Equipment Company Ltd.	343
282.	Tetra Pak India Pvt. Ltd.	158
283.	Thermax Ltd.	337
284.	Tonira Pharma Ltd.	234
285.	Themis Laboratory Limited	475
286.	The Apex Electricals Ltd.	152
287.	The Dharamsi Morarji Chemical Co. Ltd.,	138
288.	The India Cement Ltd.	128
289.	Tide Water Oil Co. (India) Ltd.	130
290.	Transasia Biomedicals Ltd.	426
291.	Travancore Titanium Products Ltd.	125
292.	Triveni Engineering & Industries Ltd.	169
293.	Tube Products of India (Unit of Tube Investment of India Ltd.)	196
294.	Turbo Engineering Ltd.	228
295.	Tulsi Seeds Pvt. Ltd.	120
296.	United Telecoms Ltd.	311
297.	VIP Industries Ltd.	425
298.	Venkateshwara Hatcheries Ltd.	460
299.	Vishnu Chemicals Ltd.	269
300.	Voltas Ltd.	135
301.	Walchandnagar Industries Ltd.	103
302.	Wheels India Ltd.	495
303.	Yuken India Ltd.	178
304.	Zandu Pharmaceuticals Works Ltd.	139
305.	Zen Technologies Ltd.	228
306.	Zenotech Laboratories Ltd.	249

* R&D expenditures reported are as claimed by the firms in their latest available Annual reports in DSIR/renewal applications/ 35(2AB) applications.