

ANNEXURE - 4

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

Sl. No.	Name of the firm	R&D Expenditure Reported (₹ In lakhs) *
1.	Advanced Enzymes	475
2.	Aarti Industries Ltd.	188
3.	Aarti Drugs Ltd.	374
4.	Accurate Gauging & Instruments Pvt. Ltd.	140
5.	Ador Welding Ltd.	127
6.	Advanced Neuro-Science Allies Pvt. Ltd.	404
7.	Advanta India Ltd.	142
8.	Aerospace System Pvt. Ltd.	323
9.	Ajit Seeds Ltd.	346
10.	Alkali Metals Ltd.	326
11.	Alkyl Amines Chemicals Ltd.	125
12.	Alkam Laboratories Ltd.	364
13.	Amalgam Leather Pvt. Ltd.	283
14.	Amara Raja Batteries Ltd.	136
15.	Amar Biotech Ltd.	115
16.	Amoli Organics Pvt. Ltd.	140
17.	Amphenol Interconnect India Pvt. Ltd.	162
18.	Amrutanjan Ltd.	373
19.	Amtrex Hitachi Appliances Ltd.	120
20.	Ankur Seeds Pvt. Ltd.	313
21.	Anabond Ltd.	158
22.	Apar Industries Ltd.	327

Annexure 4-Contd.

Sl. No.	Name of the firm	R&D Expenditure Reported (₹ in lakhs) *
23.	Aptech Ltd.	179
24.	Apollo Tyres Ltd.	413
25.	Applied Electro-Magnetics Pvt. Ltd.	240
26.	Arch Pharma Labs Ltd.	100
27.	Ardee Business Services Pvt. Ltd.	114
28.	A S L Advanced System Ltd.,	375
29.	Autometer Alliance Ltd.	176
30.	Avera Laboratories Ltd.	121
31.	Avsarala Tungsten Ltd.	183
32.	Avestha Genuine Technologies Pvt. Ltd.	495
33.	BPL Engineering Ltd.	125
34.	BPL Telecom Ltd.	110
35.	BalaJi Amines Ltd.	372
36.	Bajaj Electricals Ltd.	167
37.	Ballarpur Industries Ltd.	100
38.	Balmer Lawrie & Company Ltd.	253
39.	Balsara Hygine Products Ltd.	124
40.	Bangalore Integrated System Solution Pvt. Ltd.	215
41.	Banyan Network Pvt. Ltd.	138
42.	Bata India Ltd.	392
43.	Battelle Science & Technology India Pvt. Ltd.	464
44.	Bayer Crop Sciences Ltd.	190
45.	Biological E. Ltd.,	292
46.	Biostadt MH Seeds Ltd.	264
47.	Bejo Sheetal Seeds Pvt. Ltd	390
48.	Berger Paints India Ltd.	125
49.	Bharat Seats Ltd.	132
50.	Bharat Heavy Plate & Vessels Ltd.	338
51.	Bhartia Industries Ltd.	129
52.	Bilag Industries Pvt. Ltd.	315
53.	Biological E. Ltd.	380

Sl. No.	Name of the firm	R&D Expenditure Reported (₹ in lakhs) *
54.	Bombay Burmah Trading Corporation Ltd.	132
55.	Botil Oil Tools India Pvt. Ltd.	304
56.	Britannia Industries Ltd.	132
57.	Buhler (India) Pvt. Ltd.	476
58.	CMC Computers Ltd.	134
59.	Calyx Chemical & Pharmaceuticals Pvt. Ltd.	244
60.	Camlin Ltd.	194
61.	Carborundum Universal Ltd.	190
62.	Castrol India Ltd.	487
63.	Catterpillar India Ltd.	232
64.	Celestial Labs Ltd.	165
65.	Cantaur Chemical Ltd.,	373
66.	Cantaur Pharmaceuticals Ltd.,	350
67.	Century Textiles & Industries Ltd.	107
68.	Ceat Ltd. (Tyre Division)	118
69.	Chembond Chemicals Ltd.	104
70.	Chennai Petroleum Corporation Ltd.	334
71.	Colour-Chem Ltd.	482
72.	Comed Chemicals Ltd.	166
73.	Concept Pharmaceuticals Ltd.	250
74.	Coral Telecom Ltd.	101
75.	Cosmo Films India Ltd.	290
76.	CTM India Ltd.	206
77.	DE-NOCIL Crop Protection Ltd.	216
78.	DGP Hinoday Industries Ltd.	190
79.	DGP Windsor India Ltd.	152
80.	Dai-ichi Karkaria Ltd.	355
81.	Dhampur Sugar Mills Ltd.	300
82.	Dishman Pharmaceutical & Chemical Ltd.	213
83.	Dr. Vithalrao Vikha Patil Sahakari Sakhar Karkhana Ltd.	384
84.	Duke Arnic Electronics Ltd.	108

Annexure 4-Contd.

Sl. No.	Name of the firm	R&D Expenditure Reported (₹ in lakhs) *
85.	Dynamatic Technologies Ltd.	232
86.	East India Pharmaceutical Works Ltd.	105
87.	Efftronics System Pvt. Ltd.	107
88.	Emcure Biotech Ltd.	450
89.	Emerson Network Power (India) Pvt. Ltd.	140
90.	Elder Pharmaceutical Ltd.	400
91.	Electronic Research Ltd.	131
92.	Elgi Tread (India) Ltd.	208
93.	Elin Electronics Ltd.	175
94.	Emergent Genetics India Pvt. Ltd.	323
95.	Emmellen Biotech Pharmaceuticals Ltd.	193
96.	Encore Software Ltd.	428
97.	Enercon Systems Pvt. Ltd.	100
98.	Enem Nostrum Remedies Pvt. Ltd.	500
99.	Eureka Forbes Ltd.	187
100.	Evonik Energy Services (India) Pvt. Ltd.	275
101.	Excel Crop Care Ltd.	252
102.	Excel Industries Ltd.	193
103.	Eveready Industries India Ltd.	110
104.	Excel Industries Ltd.	208
105.	Fermenta Biotech Ltd.	240
106.	Fibcom India Ltd.	273
107.	Foliage Crop Sloution Pvt. Ltd.	138
108.	Forbes Marshall Pvt. Ltd.	304
109.	Fortune Biotech Ltd.	204
110.	Foseco India Ltd.	242
111.	Gajra Gears Pvt. Ltd.	120
112.	Gammon India Ltd.	128
113.	Ganga Kaveri Seeds Pvt. Ltd.	133
114.	Garware Polyester Ltd.	261
115.	Gensynth Fine Chemicals Pvt. Ltd.	110

Sl. No.	Name of the firm	R&D Expenditure Reported (₹ in lakhs) *
116.	Gland Pharma Ltd.	450
117.	Granules India Ltd.	278
118.	Gujarat State Fertilizers & Chemicals Ltd.	378
119.	Gilbrandson Chemicals Ltd	168
120.	Garware Wall Ropes Ltd.	180
121.	Genus Overseas Eletronics Ltd.	302
122.	Gland Pharma Ltd.	261
123.	Godavari Sugar Mills Ltd	100
124.	Godrej Agrovet Ltd.	135
125.	Goodlass Nerolac Paints Ltd.	412
126.	Gupta H.C. Oversease (I) Pvt. Ltd.	287
127.	Gujarat Narmada Valley Fertilisers Co. Ltd.	167
128.	Grasim Industries Ltd.	138
129.	HMT Ltd. (Tractor Division)	140
130.	HMT Machine Tools Ltd.	281
131.	Hargovind Bajaj Research & Development Centre	258
132.	Harita Seating Systems Ltd.	168
133.	Hindustan Motors Ltd. (Auto Division)	184
134.	Haryana State Electronics Development Corpn. Ltd.	170
135.	Hawkins Cookers Ltd.	110
136.	Heinz India Pvt. Ltd.	412
137.	Hetero Drugs Ltd.	406
138.	Hema Engineering Industries Ltd.	102
139.	Hikal Ltd.	351
140.	High Polymer Lab.	116
141.	Hindalco Industries Ltd.	191
142.	Hindustan Antibiotics Ltd.	112
143.	Hindustan Cables Ltd.	207
144.	Hindustan Construction Company Ltd.	362
145.	Hindustan Copper Ltd.	119
146.	Hindustan Insecticides Ltd.	105

Annexure 4-Contd.

Sl. No.	Name of the firm	R&D Expenditure Reported (₹ in lakhs) *
147.	Hindustan Petroleum Corporation Ltd.	204
148.	Hindustan Photo Films Manufacturing Co. Ltd.	101
149.	Hindustan Polyamides & Fibres Ltd.	251
150.	Hindustan Zinc Ltd.	250
151.	Hitachi Home & Life Solutions India Ltd.,	158
152.	Hyderabad Industries Ltd.	122
153.	Hytech Seed India Pvt. Ltd.	160
154.	IBP Company Ltd.	229
155.	Indian Acrylics Ltd.	295
156.	India Glycols Ltd.	192
157.	India Nippon Electricals Ltd.	130
158.	Indian Hume Pipe Ltd.	106
159.	Indian Rare Earth Ltd.	236
160.	India Pistons Ltd.	142
161.	Ind Swift Laboratories Ltd.	458
162.	Ind Swift Ltd.	133
163.	Indo American Hybrid Seeds (India) Ltd.	169
164.	Indoco Remedies Ltd.	401
165.	Indofill Chemicals Ltd. (Division of Modipon Ltd.)	220
166.	Indo-National Ltd.	147
167.	Infotech Enterprises Ltd.	114
168.	Innova Children's Heart Hospital.	461
169.	Innovassynth Technologies (I) Ltd.	154
170.	Ion Exchange (India) Ltd.	205
171.	Jay Hind Industries Ltd.	171
172.	J. Mitra & Co. Ltd.	109
173.	J.B. Chemicals & Pharmaceuticals Ltd.	438
174.	JCBL Ltd.	199
175.	J.K. Agri-Genetics Ltd.	493
176.	Jain Irrigation Systems Ltd.	149
177.	Jindal Steel Power Ltd.	188

Sl. No.	Name of the firm	R&D Expenditure Reported (₹ in lakhs) *
178.	Jindal Vijaynagar Steel Ltd.	240
179.	Jyoti Ltd.	312
180.	Jyoti Ceramic Industries Pvt. Ltd.	139
181.	KCP Sugar Industries Corporation Ltd.	421
182.	Kancor Ingredients Ltd.	165
183.	Kannametal Widia India Ltd.	295
184.	Kasila Farms Ltd.	110
185.	KEC International Ltd.	159
186.	Kerala Minerals & Metals Ltd.	110
187.	Kerala State Electricity Board	142
188.	KG Design Service Pvt. Ltd.	130
189.	Kirloskar Brothers Ltd.	171
190.	Kirloskar Copeland Ltd.	262
191.	Kirloskar Electric Co. Ltd.	125
192.	Kinetic Engineering Ltd.	251
193.	Kochi Refineries Ltd.	191
194.	Kopran Research Laboratories Ltd.	307
195.	Krishidan Seeds Ltd.	415
196.	Kumar Organic Products Ltd.	155
197.	L&T Komatsu Ltd.	138
198.	Lab India Instruments Pvt. Ltd.	161
199.	Lamco Industries Pvt. Ltd.	160
200.	Lifecare Innovations (Pvt.) Ltd.	109
201.	Link well Tele System (P) Ltd.	183
202.	Lupin Ltd.	225
203.	Lyka Labs Ltd.	123
204.	MIC Electronics Ltd.	237
205.	MRO-Tek Ltd.	282
206.	Midas Communication Technologies Pvt. Ltd.	427
207.	MTAR Technologies Pvt. Ltd.	165
208.	Maruti Udyog Ltd.	275

Annexure 4-Contd.

Sl. No.	Name of the firm	R&D Expenditure Reported (₹ in lakhs) *
209.	Macleods Pharmaceuticals Ltd.	292
210.	Madhu Silica Pvt. Ltd.	177
211.	Madras Engineering Industries Pvt. Ltd.	134
212.	Mafatlal Industries Ltd.	268
213.	Malladi Drug and Pharmaceuticals Ltd.	274
214.	Manali Petrochemical Ltd.	156
215.	Manugraph India Ltd.	104
216.	Marico Industries Ltd.	240
217.	Metal Power Company Ltd.	110
218.	Matrix Telecom Pvt. Ltd.	337
219.	Mc-Dowell & Co. Ltd.	355
220.	Megafine Pharma (P) Ltd.	329
221.	Midas Communication Technology Pvt. Ltd.	159
222.	Minda Huf Ltd.	227
223.	Mirc Electronics Ltd.	236
224.	Mishra Dhatu Nigam Ltd.	175
225.	Modipon Ltd.	221
226.	Multi Arc India Ltd.	239
227.	NRC Ltd.	155
228.	Nagarjuna Fertilisers & Chemicals Ltd.	176
229.	National Aluminium Company Ltd.	435
230.	Namdhari Seeds Ltd.	201
231.	National Organic Chemical Industries Ltd.	206
232.	Natural Remedies Pvt. Ltd.	351
233.	Navya Biologicals Pvt. Ltd.	210
234.	Newland Laboratories Ltd.	439
235.	Nicco Corpn. Ltd. (Cable Divn.), Calcutta	121
236.	Nirmal Seeds pvt. Ltd.	114
237.	Novodigm Ltd.	187
238.	Nunhum Seeds Ltd.	147
239.	Ocimum Bio Solution (India) Pvt. Ltd	141

Sl. No.	Name of the firm	R&D Expenditure Reported (₹ in lakhs) *
240.	Oriental Engineering Works Pvt. Ltd.	106
241.	Otis Elevator Co. (India) Ltd.	123
242.	P I Industries Ltd.	250
243.	Panasonic Batteries India Co. Ltd.	195
244.	Parry Agro Industries Ltd.	140
245.	Pest Control (I) Ltd.	355
246.	Philips Carbon Black Ltd.	129
247.	Piaggio Vehicle. Pvt. Ltd.	383
248.	Pidilite Industries Ltd.	396
249.	Premas Biotech Pvt.Ltd.	462
250.	Premier Polytronics Pvt. Ltd.	101
251.	Pratista Industries Ltd.	379
252.	RPG Life Sciences Ltd.	492
253.	Radiant Corporation Pvt. Ltd.	295
254.	Rane Brake Linings Ltd.	333
255.	Rane TRW Steering Systems Ltd.,	202
256.	Rasi Seeds Ltd.	125
257.	Rajapalayam Mills Ltd.	187
258.	Raptakos Brett Co. Ltd.	196
259.	Rolta India Ltd.	270
260.	Rashtriya Chemicals & Fertilizers Ltd.	130
261.	Reliance Cellulose Products Ltd.	146
262.	Reva Electric Car Co. Pvt. Ltd.	355
263.	Rubamin Pharmaceuticals Ltd.	125
264.	SRF Ltd.	290
265.	Sai Life Sciences Ltd.,	176
266.	Sakthi Sugar Ltd.	364
267.	Sakata Ink (I) Ltd.	122
268.	Samcor Glass Ltd.	244
269.	Samtel Colours Ltd.	245
270.	Samtel Color Ltd.	115

Annexure 4-Contd.

Sl. No.	Name of the firm	R&D Expenditure Reported (₹ in lakhs) *
271.	Sandvik Asia Ltd.	186
272.	Schenectady-Beck India Ltd.	101
273.	Scooters India Ltd.	112
274.	Sekhsaria Chemicals Ltd.	347
275.	Seminis Vegetables Seeds India Ltd.	294
276.	Semco Electric Pvt. Ltd	114
277.	Shalimar Paints Ltd.	315
278.	Shree Cement Ltd.	193
279.	Shreeji Laser Technology Pvt. Ltd.	127
280.	Shriram Pistons & Rings Ltd.	338
281.	Siechem Technologies Pvt. Ltd.	237
282.	Siegwerk India Pvt. Ltd.	390
283.	Simpson & Co. Ltd.	355
284.	SLN Technologies Pvt. Ltd.	125
285.	SMR Automotive System India Ltd.	178
286.	SOF Blue Pvt. Ltd.	333
287.	Sona Koyo Steering Systems Ltd.	262
288.	Sonodyne International Pvt. Ltd	157
289.	Southern Petrochemical Industries Corpn. Ltd.	332
290.	Spaco Carburettors (India) Ltd.	132
291.	Speck Systems Ltd.	180
292.	Sparsh Pharma International Pvt. Ltd.	100
293.	Steel Strips Ltd.	128
294.	Sterlite Industries (India) Ltd.	228
295.	Structwell Designers & Consultants Pvt. Ltd.	113
296.	Stumpp, Schedle and Somappa Spring Pvt. Ltd	247
297.	Sudarshan Biotech Ltd.	160
298.	Sudarshan Chemicals Industries Ltd.	404
299.	Sundaram Fastner Ltd.	356
300.	Sujeeva Greentec Pvt. Ltd.	100
301.	Swaraj Mazda Ltd.	173

Sl. No.	Name of the firm	R&D Expenditure Reported (₹ in lakhs) *
302.	TIL Ltd.	114
303.	TVS Electronics Ltd.	442
304.	TVS Srichakra Ltd.	142
305.	Thirumalai Chemicals Ltd.,	348
306.	Tablets India Ltd.	164
307.	Tamilnadu Petroproducts Ltd.	280
308.	TATA Chemicals Ltd.	101
309.	Tata International Ltd.	102
310.	Tata Refractories Ltd.	206
311.	Tata Tea Ltd.	419
312.	Tally Solutions Pvt. Ltd.	262
313.	Tecumesh Products India Ltd.	184
314.	Telco Construction Equipment Company Ltd.	343
315.	Tetra Pak India Pvt. Ltd.	158
316.	Tejas Networks Ltd	320
317.	Thermax Ltd.	337
318.	Tonira Pharma Ltd.	234
319.	Themis Laboratory Limited	475
320.	The Apex Electricals Ltd.	152
321.	The Dharamsi Morarji Chemical Co. Ltd.,	138
322.	The India Cement Ltd.	128
323.	Thermax Ltd.	338
324.	Tide Water Oil Co. (India) Ltd.	130
325.	Titanium Tantalum Products. Ltd.	250
326.	Transasia Biomedicals Ltd.	426
327.	Travancore Titanium Products Ltd.	125
328.	Triveni Engineering & Industries Ltd.	169
329.	Tube Products of India (Unit of Tube Investment of India Ltd.)	196
330.	Turbo Engineering Ltd.	228
331.	Tulip Lab Pvt. Ltd	125

Annexure 4-Contd.

Sl. No.	Name of the firm	R&D Expenditure Reported (₹ in lakhs) *
332.	Tulsi Seeds Pvt. Ltd.	120
333.	Unitech Machines Ltd	326
334.	United Telecoms Ltd.	311
335.	VIP Industries Ltd.	425
336.	Vaishnavi Biotech Ltd.	341
337.	Venkateshwara Hatcheries Ltd.	460
338.	Vishnu Chemicals Ltd.	269
339.	Voltas Ltd.	132
340.	Walchandnagar Industries Ltd.	103
341.	Whirlpool of India Ltd	120
342.	Wheels India Ltd.	495
343.	Yuken India Ltd.	178
344.	Zandu Pharmaceuticals Works Ltd.	139
345.	Zen Technologies Ltd.	228
346.	Zenotech Laboratories Ltd.	249

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