

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.	A S L Advanced System Ltd.	375
2.	Aarti Drugs Ltd.	374
3.	Aarti Industries Ltd.	464
4.	Accurate Gauging & Instruments Pvt. Ltd.	140
5.	Ador Welding Ltd.	240
6.	Advanced Enzymes	475
7.	Advanced Neuro-Science Allies Pvt. Ltd.	404
8.	Advanta India Ltd.	142
9.	Ajit Seeds Ltd.	346
10.	Alkali Metals Ltd.	326
11.	ALKEM Laboratories Ltd.	364
12.	Alkyl Amines Chemicals Ltd.	125
13.	Amalgam Leather Pvt. Ltd.	283
14.	Amar Biotech Ltd.	115
15.	Amoli Organics Pvt. Ltd.	140
16.	Amphenol Interconnect India Pvt. Ltd.	162
17.	Amrutanjan Ltd.	373
18.	Amtrex Hitachi Appliances Ltd.	120
19.	Anabond Ltd.	322
20.	Ankur Seeds Pvt. Ltd.	313
22.	Applied Electro-Magnetics Pvt Ltd.	240
23.	Aptech Ltd.	179

Annexure-4-Contd.

Sl. No.	Name of the firm	R&D Expenditure Reported (₹ in lakhs) *
24.	Ardee Business Services Pvt. Ltd.	114
25.	Autometer Alliance Ltd.	176
26.	Avera Laboratories Ltd.	121
27.	Avestha Genuine Technologies Pvt. Ltd.	495
28.	Avsarala Tungsten Ltd.	183
29.	Bajaj Electricals Ltd.	167
30.	Balaji Amines Ltd.	372
31.	Ballarpur Industries Ltd.	100
32.	Balmer Lawrie & Company Ltd.	253
33.	Balsara Hygiene Products Ltd.	124
34.	Bangalore Integrated System Solution Pvt. Ltd.	215
35.	Banyan Network Pvt. Ltd.	138
36.	Bata India Ltd.	392
37.	Battelle Science & Technology India Pvt. Ltd.	464
38.	Bayer Crop Sciences Ltd.	190
39.	Bejo Sheetal Seeds Pvt. Ltd.	390
40.	Berger Paints India Ltd.	125
41.	Bharat Biotech International Ltd.	448
42.	Bharat Heavy Plate & Vessels Ltd.	338
43.	Bharat Seats Ltd.	132
44.	Bhartia Industries Ltd.	129
45.	Bilag Industries Pvt. Ltd.	315
46.	Biological E. Ltd.	380
47.	Biostadt MH Seeds Ltd.	264
48.	Bombay Burmah Trading Corporation Ltd.	132
49.	Botil Oil Tools India Pvt. Ltd.	493
50.	BPL Engineering Ltd.	125
51.	BPL Telecom Ltd.	110
52.	Britannia Industries Ltd.	132
53.	Buhler (India) Pvt. Ltd.	476
54.	Calyx Chemical & Pharmaceuticals Pvt. Ltd.	244

Sl. No.	Name of the firm	R&D Expenditure Reported (₹ in lakhs) *
55.	Camlin Ltd.	194
56.	Centaur Chemical Ltd.,	373
57.	Centaur Pharmaceuticals Ltd.	350
58.	Carborundum Universal Ltd.	190
59.	Castrol India Ltd.	487
60.	Caterpillar India Ltd.	232
61.	Ceat Ltd. (Tyre Division)	118
62.	Celestial Labs Ltd.	165
63.	Century Textiles & Industries Ltd.	107
64.	Chembond Chemicals Ltd.	104
65.	Chennai Petroleum Corporation Ltd.	334
66.	CMC Computers Ltd.	134
67.	Colour-Chem Ltd.	482
68.	Comed Chemicals Ltd.	166
69.	Concept Pharmaceuticals Ltd.	250
70.	Coral Telecom Ltd.	101
71.	Cosmo Films India Ltd.	290
72.	CTM India Ltd.	206
73.	Dai-ichi Karkaria Ltd.	355
74.	DE-NOCIL Crop Protection Ltd.	216
75.	DGP Hinoday Industries Ltd.	190
76.	DGP Windsor India Ltd.	152
77.	Dhampur Sugar Mills Ltd.	300
78.	Dishman Pharmaceutical & Chemical Ltd.	213
79.	Dr. Vithalrao Vikha Patil Sahakari Sakhar Karkhana Ltd.	384
80.	Duke Arnic Electronics Ltd.	108
81.	Dynamatic Technologies Ltd.	232
82.	East India Pharmaceutical Works Ltd.	105
83.	Efftronics System Pvt. Ltd.	107
84.	Elder Pharmaceutical Ltd.	400
85.	Electronic Research Ltd.	131

Annexure-4-Contd.

Sl. No.	Name of the firm	R&D Expenditure Reported (₹ in lakhs) *
86.	Elgi Tread (India) Ltd.	208
87.	Elin Electronics Ltd.	175
88.	Emcure Biotech Ltd.	450
89.	Emergent Genetics India Pvt. Ltd.	323
90.	Emerson Network Power (India) Pvt. Ltd.	140
91.	Emmellen Biotech Pharmaceuticals Ltd.	193
92.	Encore Software Ltd.	428
93.	Enem Nostrum Remedies Pvt. Ltd.	499
94.	Enercon Systems Pvt. Ltd.	100
95.	Eureka Forbes Ltd.	187
96.	Eveready Industries India Ltd.	110
97.	Evonik Energy Services (India) Pvt. Ltd.	275
98.	Excel Industries Ltd.	208
99.	Fermenta Biotech Ltd.	240
100.	Fibcom India Ltd.	273
101.	Filtra Catalysts & Chemicals Ltd.	129
102.	Flamingo Pharmaceuticals Ltd.	113
103.	Forbes Marshall Pvt. Ltd.	304
104.	Fortune Biotech Ltd.	204
105.	Foseco India Ltd.	242
106.	Gajra Gears Pvt. Ltd.	120
107.	Gammon India Ltd.	128
108.	Ganga Kaveri Seeds Pvt. Ltd.	133
109.	Garware Polyester Ltd.	261
110.	Garware Wall Ropes Ltd.	180
111.	Gensynth Fine Chemicals Pvt. Ltd.	110
112.	Genus Overseas Eletronics Ltd.	302
113.	Gilbrandson Chemicals Ltd	168
114.	Gland Pharma Ltd.	450
115.	Godavari Sugar Mills Ltd.	100
116.	Godrej Agrovvet Ltd.	135

Sl. No.	Name of the firm	R&D Expenditure Reported (₹ in lakhs) *
117.	Goodlass Nerolac Paints Ltd.	412
118.	Granules India Ltd.	278
119.	Grasim Industries Ltd.	138
120.	Gujarat Narmada Valley Fertilisers Co. Ltd.	167
121.	Gujarat State Fertilizers & Chemicals Ltd.	378
122.	Gupta H.C. Overseas (I) Pvt. Ltd.	287
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.	110
127.	Heinz India Pvt. Ltd.	412
128.	Hema Engineering Industries Ltd.	102
129.	Hetero Drugs Ltd.	406
130.	High Polymer Lab.	116
131.	Hikal Ltd.	351
132.	Hindalco Industries Ltd.	191
133.	Hindustan Antibiotics Ltd.	112
134.	Hindustan Cables Ltd.	207
135.	Hindustan Construction Company Ltd.	362
136.	Hindustan Copper Ltd.	119
137.	Hindustan Insecticides Ltd.	105
138.	Hindustan Motors Ltd. (Auto Division)	184
139.	Hindustan Petroleum Corporation Ltd.	204
140.	Hindustan Photo Films Manufacturing Co. Ltd.	101
141.	Hindustan Zinc Ltd.	250
142.	Hitachi Home & Life Solutions India Ltd.	158
143.	HMT Ltd. (Tractor Division)	140
144.	HMT Machine Tools Ltd.	281
145.	Hyderabad Industries Ltd.	164
146.	Hytech Seed India Pvt. Ltd.	160
147.	IBP Company Ltd.	229

Annexure-4-Contd.

Sl. No.	Name of the firm	R&D Expenditure Reported (₹ in lakhs) *
148.	Ind Swift Laboratories Ltd.	458
149.	Ind Swift Ltd.	133
150.	India Glycols Ltd.	192
151.	India Nippon Electricals Ltd.	130
152.	India Pistons Ltd.	142
153.	Indian Acrylics Ltd.	295
154.	Indian Hume Pipe Ltd.	106
155.	Indian Rare Earth Ltd.	236
156.	Indo American Hybrid Seeds (India) Ltd.	169
157.	Indoco Remedies Ltd.	401
158.	Indofill Chemicals Ltd. (Division of Modipon Ltd.)	220
159.	Indo-National Ltd.	147
160.	Infotech Enterprises Ltd.	114
161.	Innova Childern's Heart Hospital.	461
162.	Innovassynth Technologies (I) Ltd.	154
163.	Intervet India Pvt. Ltd.	180
164.	Ion Exchange (India) Ltd.	205
165.	J. Mitra & Co. Ltd.	109
166.	J.B. Chemicals & Pharmaceuticals Ltd.	438
167.	J.K. Agri-Genetics Ltd.	493
168.	Jain Irrigation Systems Ltd.	149
169.	Jay Hind Industries Ltd.	171
170.	JCBL Ltd.	199
171.	Jindal Steel Power Ltd.	188
172.	Jindal Vijaynagar Steel Ltd.	240
173.	Jyoti Ceramic Industries Pvt. Ltd.	139
174.	Jyoti Ltd.	312
175.	Kancor Ingredients Ltd.	165
176.	Kannametal Widia India Ltd.	295
177.	Kasila Farms Ltd.	110
178.	KCP Sugar Industries Corporation Ltd.	421

Sl. No.	Name of the firm	R&D Expenditure Reported (₹ in lakhs) *
179.	KEC International Ltd.	159
180.	Kerala Minerals & Metals Ltd.	110
181.	Kerala State Electricity Board	142
182.	KG Design Service Pvt. Ltd.	130
183.	Kinetic Engineering Ltd.	251
184.	Kirloskar Brothers Ltd.	171
185.	Kirloskar Copeland Ltd.	262
186.	Kirloskar Electric Co. Ltd.	125
187.	Kochi Refineries Ltd.	191
188.	Kopran Research Laboratories Ltd.	307
189.	Krishidan Seeds Ltd.	415
190.	Kumar Organic Products Ltd.	155
191.	L&T Komatsu Ltd.	138
192.	Lab India Instruments Pvt. Ltd.	161
193.	Lameco Industries Pvt. Ltd.	160
194.	Lifecare Innovations (Pvt.) Ltd.	109
195.	Link well Tele System (P) Ltd.	183
196.	Lyka Labs Ltd.	123
197.	Macleods Pharmaceuticals Ltd.	292
198.	Madhu Silica Pvt. Ltd.	177
199.	Madras Engineering Industries Pvt. Ltd.	134
200.	Mafatlal Industries Ltd.	268
201.	Manali Petrochemical Ltd.	156
202.	Manugraph India Ltd.	104
203.	Marico Industries Ltd.	240
204.	Maruti Udyog Ltd.	275
205.	Matrix Telecom Pvt. Ltd.	337
206.	Mc-Dowell & Co. Ltd.	355
207.	Megafine Pharma (P) Ltd.	329
208.	Metal Power Company Ltd.	110
209.	MIC Electronics Ltd.	237

Annexure-4-Contd.

Sl. No.	Name of the firm	R&D Expenditure Reported (₹ in lakhs) *
210.	Midas Communication Technologies Pvt. Ltd.	427
211.	Minda Huf Ltd.	227
212.	Mirc Electronics Ltd.	236
213.	Mishra Dhatu Nigam Ltd.	175
214.	Modipon Ltd.	221
215.	MRO-Tek Ltd.	282
216.	MTAR Technologies Pvt. Ltd.	165
217.	Multi Arc India Ltd.	239
218.	Nagarjuna Agrichem Ltd.	161
219.	Nagarjuna Fertilisers & Chemicals Ltd.	176
220.	Namdhari Seeds Ltd.	201
221.	National Aluminium Company Ltd.	435
222.	National Organic Chemical Industries Ltd.	206
223.	Navya Biologicals Pvt. Ltd.	210
224.	Newland Laboratories Ltd.	439
225.	Nicco Corpn. Ltd. (Cable Divn.), Calcutta	121
226.	Nirmal Seeds pvt. Ltd.	114
227.	Novodigm Ltd.	187
228.	NRC Ltd.	155
229.	Nunhum Seeds Ltd.	147
230.	Ocimum Bio Solution (India) Pvt. Ltd	141
231.	Oriental Engineering Works Pvt. Ltd.	106
232.	Otis Elevator Co. (India) Ltd.	123
233.	Panasonic Batteries India Co. Ltd.	195
234.	Parry Agro Industries Ltd.	140
235.	Pest Control (I) Ltd.	355
236.	Philips Carbon Black Ltd.	129
237.	Piaggio Vehicle. Pvt. Ltd.	383
238.	Pidilite Industries Ltd.	396
239.	Pratista Industries Ltd.	379
240.	Premas Biotech Pvt.Ltd.	462

Sl. No.	Name of the firm	R&D Expenditure Reported (₹ in lakhs) *
241.	Premier Polytronics Pvt. Ltd.	101
242.	Radiant Corporation Pvt. Ltd.	329
243.	Rajapalayam Mills Ltd.	187
244.	Rajasthan Antibiotics Ltd.	217
245.	Rane Brake Linings Ltd.	333
246.	Rane TRW Steering Systems Ltd.,	202
247.	Raptakos Brett Co. Ltd.	196
248.	Rashtriya Chemicals & Fertilizers Ltd.	130
249.	Rasi Seeds Ltd.	125
250.	Reliance Cellulose Products Ltd.	146
251.	Reva Electric Car Co. Pvt. Ltd.	355
252.	Rolta India Ltd.	270
253.	RPG Life Sciences Ltd.	492
254.	Rubamin Pharmaceuticals Ltd.	125
255.	Sai Life Sciences Ltd.	176
256.	Sakata Ink (I) Ltd.	122
257.	Sakthi Sugar Ltd.	364
258.	Samecor Glass Ltd.	244
259.	Sandvik Asia Ltd.	186
260.	Schenectady-Beck India Ltd.	101
261.	Scooters India Ltd.	112
262.	Seed works International	215
263.	Sekhsaria Chemicals Ltd.	347
264.	Semco Electric Pvt. Ltd.	114
265.	Seminis Vegetables Seeds India Ltd.	294
266.	Shalimar Paints Ltd.	315
267.	Shree Cement Ltd.	193
268.	Shreeji Laser Technology Pvt. Ltd.	127
269.	Siechem Technologies Pvt. Ltd.	237
270.	Siegwerk India Pvt. Ltd.	390
271.	Simpson & Co. Ltd.	355

Annexure-4-Contd.

Sl. No.	Name of the firm	R&D Expenditure Reported (₹ in lakhs) *
272.	SLN Technologies Pvt. Ltd.	125
273.	SMR Automotive System India Ltd.	178
274.	SOF Blue Pvt. Ltd.	333
275.	Sona Koyo Steering Systems Ltd.	262
276.	Sonodyne International Pvt. Ltd.	157
277.	Southern Petrochemical Industries Corpn. Ltd.	332
278.	Spaco Carburettors (India) Ltd.	132
279.	Sparsh Pharma International Pvt. Ltd.	100
280.	Speck Systems Ltd.	180
281.	Steel Strips Ltd.	128
282.	Sterlite Industries (India) Ltd.	228
283.	Structwell Designers & Consultants Pvt. Ltd.	113
284.	Stumpp, Schedle and Somappa Spring Pvt. Ltd.	247
285.	Sudarshan Biotech Ltd.	160
286.	Sujeeva Greentec Pvt. Ltd.	100
287.	Sundaram Fastner Ltd.	356
288.	Swaraj Mazda Ltd.	173
289.	Tablets India Ltd.	164
290.	Tally Solutions Pvt. Ltd.	262
291.	Tamilnadu Petroproducts Ltd.	280
292.	Tata International Ltd.	102
293.	Tata Refractories Ltd.	206
294.	Tata Tea Ltd.	419
295.	Tecumesh Products India Ltd.	184
296.	Tejas Networks Ltd.	320
297.	Telco Construction Equipment Company Ltd.	343
298.	Tetra Pak India Pvt. Ltd.	158
299.	The Apex Electricals Ltd.	152
300.	The Dharamsi Morarji Chemical Co. Ltd.	138
301.	The India Cement Ltd.	128
302.	Thermax Ltd.	338

Sl. No.	Name of the firm	R&D Expenditure Reported (₹ in lakhs) *
303.	Thirumalai Chemicals Ltd.,	348
304.	Tide Water Oil Co. (India) Ltd.	130
305.	TIL Ltd.	114
306.	Titanium Tantalum Products. Ltd.	250
307.	Tonira Pharma Ltd.	234
308.	Transasia Biomedicals Ltd.	426
309.	Travancore Titanium Products Ltd.	125
310.	Triveni Engineering & Industries Ltd.	169
311.	Tube Products of India (Unit of Tube Investment of India Ltd.)	196
312.	Tulip Lab Pvt. Ltd	125
313.	Tulsi Seeds Pvt. Ltd.	120
314.	Turbo Engineering Ltd.	228
315.	TVS Electronics Ltd.	442
316.	TVS Srichakra Ltd.	142
317.	Unitech Machines Ltd	326
318.	United Telecoms Ltd.	311
319.	Vaishnavi Biotech Ltd.	341
320.	Venkateshwara Hatcheries Ltd.	460
321.	VIP Industries Ltd.	425
322.	Vishnu Chemicals Ltd.	269
323.	Voltas Ltd.	132
324.	Walchandnagar Industries Ltd.	103
325.	Wheels India Ltd.	495
326.	Whirlpool of India Ltd	120
327.	Yuken India Ltd.	178
328.	Zandu Pharmaceuticals Works Ltd.	139
329.	Zen Technologies Ltd.	228
330.	Zenotech Laboratories Ltd.	249

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