

APPENDIX II TO CHAPTER III

TABLE: SUMMARY OF FINDINGS

AGRICULTURAL SECTOR									
S.No.	Name of the Company	Area of Specialization	Infrastructure	Numbers of Employees	Patents	Training	Technologies developed	R&D Exp (Rs in Lakhs)	Linkages and affiliations
1	Advanta India Limited (1994)	Hybrid seeds or crops of the national importance.	Agricultural Research Station – Bangalore – 40 acres, Hyderabad – 22 acres, Aurangabad – 12 acres, D4 lab – Bangalore, Quality Lab – Karnool	37		1	3	132.62 (in year 04-05), 99.34 (in year 03-04), 171.17 (in year 02-03)	ICAR, DORR, DOR,ITPC, Whitefield, ICRISAT,CIMMYAT, IRRI, Univ. of Mysore, Univ. of Agricultural Science.
2	Monsanto Research Centre (1998)	Hybrid crops , High yield crop varieties.		> 50 scientists			5		
3	Pioneer Hybrid International Seeds India Limited (1970)	Crop genetics					5		
Note: - Blank space shows that a company has not provided the data.									

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4	Seagram R&D Centre, Seagram India Private Limited (1997)	Alcoholic Beverage	<p>Analytical Equipments like:</p> <ol style="list-style-type: none"> 1. Gas Chromatograph. 2. High Performance Liquid Chromatograph. 3. Head Space Analyser <p>Microbiological:</p> <p>A complete set up of microbiology to support our research work as well as support the manufacturing process requirement at the plant</p> <p>Equipments for testing</p>	4	3	9	4	15.93 (in year 04-05), 23.10 (in year 03-04) , 23.68 (in year 02-03)	DBT,NCL,DSIR,NRCS, ICRISAT, State Police, State Excise Dep't. ,DNV, BVQI, Vimta labs, Vasant Dada Sagar University(Pune)
5	Seminis Vegetable Seeds India Limited (2003)	Plant breeding, germ plasm, pathology, vegetable quality research, biotechnology	<ol style="list-style-type: none"> 1. Research station with 78 acres land at Aurangabad 2. Plant Pathology laboratory at Aurangabad 3. Training stations at five locations 	26		4	5	265 (in year 04-05), 220 (in year 03-04), 165 (in year 02-03)	
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AUTOMOBILE SECTOR									
S.No.	Name of the Company	Area of Specialization	Infrastructure	Numbers of Employees	Patents	Training	Technologies developed	R&D Exp (Rs in Lakhs)	Linkages and affiliations
6	Daimler Chrysler Research Centre India (1996)	Automobile technology					3		
7	Delphi Technical Centre India (2000)	Tools development, Mechanical analysis	Laboratory to complement analysis work – Vibration shaker, Microscope, Thermal Chamber, Thermal Imaging Camera, Strain Gauge System etc.			1	3		IISc Bangalore in areas of Mechanical Analysis, DSP etc
8	General Motors India Science Lab (2000)	Automobile technology – embedded control system, material and chemical systems	1. Vehicle Design Tools 2. Enterprise Modelling & Virtual Manufacturing 3. Embedded Control Systems Infrastructure 4. Automotive Materials and Chemical Systems 5. Chemical reaction modelling group						
9	Toyota – Kirloskar Motor Private Limited (1997)	Automobile technology					2		

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BIOTECHNOLOGY & PHARMACUTICAL SECTOR									
S.No.	Name of the Company	Area of Specialization	Infrastructure	Numbers of Employees	Patents	Training	Technologies developed	R&D Exp (Rs in Lakhs)	Linkages and affiliations
10	Astra Zeneca R&D (2003)	Healthcare-Tuberculosis	Nine specialist capabilities working globally – (1)Structural Chemistry (2) Computational Chemistry (3) Compound management (4) Biological Chemistry (5) Genetics (6) Transgenic (7) Protein Science and supply (8) Imaging (9) Pathway Analysis	70	16	1	29 formulations in 6 fields and 52 publications		Biocon R&D, Biogenomics & applied Materials R&D, Strand Genomics R&D, Sci Nova R&D, SysARRis R&D,Genotypic R&D, Xlyton R&D, Karnataka University,Bombay Pharmacy College, IIT Kanpur,IIT Delhi,University of Mysore, National Academy of Health Science, India,CSIR Units for R&D and information products.
11	Gangagen Biotechnologies Ltd (2001)	Phage Therapy							
12	iGate Clinical Research India Ltd (1997)	Phase II – IV Clinical Trials							
13	Intervet India Pvt Limited (1997)	Animal Health					28 products in 3 major fields		
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S.No.	Name of the Company	Area of Specialization	Infrastructure	Numbers of Employees	Patents	Training	Technologies developed	R&D Exp (Rs in Lakhs)	Linkages and affiliations
14	Indus Bio Sciences Pvt Ltd (2001)	Clinical drug delivery research	<ol style="list-style-type: none"> Laboratory with 30 fume hoods, four walk-in hoods, a kilo lab Milligram to multi-kilogram scale quantities of complex organic molecules, pharmaceutical intermediates and APIs. Own analytical equipment – HPLC/GC/LC-MS NMR facilities 				6		IICT (Hyderabad), CCMB, Osmania University (Hyderabad)
15	John F Welch Technology Centre (2000)	Technology Research	<ol style="list-style-type: none"> State-of-the-art laboratories and facilities. Specialized equipment like Moisture and Oxygen permeation through thin films. State-of-the-art technology and e-Engineering tools for real-time global interaction with GE's businesses and the other GE Global Research teams at Niskayuna (USA), Shanghai (China) and Munich (Germany). 	> 2200 scientists, researchers and engineers	200	5	18		<ol style="list-style-type: none"> Jamnalal Bajaj Institute of Management Studies Institute of International Education (for training purposes) IIT – Chennai IIT – Bombay IIT – Delhi IIT – Kanpur IIT – Kharagpur DSE IIM Calcutta IIM Indore IIM Kozhikode

			4. The Knowledge Centre - facilities to access and disseminate technical knowledge globally, 5. Training centre, employee recreational centre, amphitheatre, fitness centre, and a cafeteria.						
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16	Merck Develop. Centre Pvt Limited (1967)	Pharma – Bulk drug and intermediates					9		
17	Millipore India Ltd, R&D (2001)	Membrane validation and Protein research		4		2			
18	Novartis India Limited (1997)	Pharma					8		Dr Reddy, Hyderabad, India for Diabetes. Syngene – chemistry collaboration.
19	Novo Nordisk India Private Limited (1994)	Pharma Insulin	Infrastructure to carry out research in (1) Gene and cell technology, (2) Protein science, (3) Biology and pharmacology, (4) Medicinal chemistry, (5) Pharmaceutical development,			1	3		1. Torrent Pharmaceuticals Limited 2. Abot India Limited 3. Med India

S.No.	Name of the Company	Area of Specialization	Infrastructure	Numbers of Employees	Patents	Training	Technologies developed	R&D Exp (Rs in Lakhs)	Linkages and affiliations
			(6) Device development, (7) Quality assurance.						
20	Pharma Net India Clinical Services Pvt Ltd (2003)	Drug Development, Clinical Research and Bio-statistics	1. Globally integrated database management system. 2. Bio statistical and programming services. 3. Information technology division (Pharma Soft)				4		
21	Pliva Research India Pvt Ltd (2003)	Medicine - Oncology					6		Dr. Reddy's Laboratory
22	Quintiles India Limited (1997)	Therapeutic expertise in clinical biology							
23	Roche Scientific Company India Ltd (1994)	Pharma					4		
24	Warner Lambert Research & Development (1995)	Pharma and Clinical research	The clinical research facilities like – (1) Clinical development, (2) Study management services, (3) Indian regional monitoring and (4) Clinical alliance and out sourcing.			3			Bombay College of Pharmacy and Suven Pharma.
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CHEMICAL SECTOR									
S.No.	Name of the Company	Area of Specialization	Infrastructure	Numbers of Employees	Patents	Training	Technologies developed	R&D Exp (Rs in Lakhs)	Linkages and affiliations
25	BASF India Limited (1978)	Speciality chemical and polymer research	<ol style="list-style-type: none"> 1. Well equipped R&D Labs 2. 3000 MHz NMR 3. GCMS 4. LCMS 5. Several HPLCs, GLC, preparative HPLC, textile instruments etc. 6. Fully equipped pilot plant with vessels 				9		
26	Hindustan Lever Research Centre (1958)	Chemical		350	380	2	6		University of Bombay
27	Sabic Research and Technology Private Ltd (2002)	Chemical and polymer research		550		3	20		

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COMPUTER HARDWARE AND SOFTWARE SECTOR									
S.No.	Name of the Company	Area of Specialization	Infrastructure	Numbers of Employees	Patents	Training	Technologies developed	R&D Exp (Rs in Lakhs)	Linkages and affiliations
28	Lucent Technology India Private Limited (2004)	Algorithms, networking research, data management and distributed computing		9		3	4	450 (in year 04-05)	
29	IBM India Research Lab (1998)	IT - distributed computing, e-commerce and software engineering.		> 100	120	10			IIT- Madras, Kanpur, Kharagpur, Delhi, Mumbai and Bangalore. NASSCOM AND CII
30	Texas Instruments India Private Limited (1985)	Silicon design – embedded software		1200 Engineers	225	7	7		Mistral Software, Sands India, All Indian IIT's & IISc, BITS, NIT, DAIICT.
31	Xilinx India Limited (2004)	Software – logic solutions		30 (to grow to 300 in Hyderabad centre)					

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OTHERS									
S.No.	Name of the Company	Area of Specialization	Infrastructure	Numbers of Employees	Patents	Training	Technologies developed	R&D Exp (Rs in Lakhs)	Linkages and affiliations
32	Sandvik Asia Limited (1980)	Engineering and Materials technology	<ol style="list-style-type: none"> 1. CAD – CAM systems. 2. Chemical, metallurgical and analytical facilities. 3. JICS – Fixtures and Instruments 	26			30	136 (in year 03-04), 126 (in year 02-03)	
33	Sanyo LSI Technology India Private limited (1998)	Multimedia, DSP, hardware & software.	<ol style="list-style-type: none"> 1. State-of-Art System for Design (CAD) & Communication 2. 11,000 Sq. ft. State-of-the-art design facility. 3. An additional 8,000 Sq. ft. area adjoining the present set up for future expansion. 4. Situated in the International Tech Park which is one of the best incubation facilities in Bangalore. 5. Effective Safety and security systems. 				3		

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