



**Government of India
Ministry of MSME**

Brief Industrial Profile of Bangalore Urban District



सूक्ष्म, लघु एवं मध्यम उद्यम
MICRO, SMALL & MEDIUM ENTERPRISES

Carried out by

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BANGALORE URBAN DIST MAP WITH TALUKS

The Micro, Small and, Medium Enterprises, Development Institute (earlier called SISI), under Ministry of MSME, Govt. of India, Bangalore is one of the prime organizations in Karnataka, engaged in the promotion and development of Industries in the Micro, Small and Medium Enterprises. As a part of the promotional and developmental activities, the Institute conducts studies on the Status and performance of Micro, Small and Medium Enterprises in the State. The District profile is one such report compiled and updated under District Industry Development Plan of the Institute assigned by Office of the Development Commissioner (SSI), New Delhi. This report contains the present status of economy, geographical information, statistical data relating to MSME's in each district, salient features of the progress of the different sectors of the each district of Karnataka and performance of industries particularly in Micro, Small and Medium industries.

I am happy to appreciate the efforts put in by all the offices and staff in this institute especially S/Shri. B.N.Sudhakar, Deputy Director, Sri. P.V.Raghavendra, Asst. Director (ISS), Sri.K.Channabasavaiah and Smt. D.T.Vijayalakshmi. Asst. Director (Stat) in collecting the latest information available from different departments of Government of Karnataka and in bringing out this Industrial Profile report. I would also like to thank all Joint Directors of District Industry Centres, Senior Officers of Statistics Division of Govt. of Karnataka, Director of Industries and Commerce, for their valuable inputs during the preparation of this document. I sincerely hope that this report will be useful to all concerned with the development of Industries. It is needless to state that this document will serve as a valuable guide to the prospective entrepreneurs who are desirous of setting up of industries/enterprises in the state.

Bangalore
2nd August 2012

(S.M.Jamkhandi)
Director

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Brief Industrial Profile of Bangalore Urban District :

1. General Characteristics of the District :

Bengaluru is the Capital city of Karnataka Country's leading IT exporter It is the 4th largest technological hub in the world and largest in Asia. World Economic Forum identified Bengaluru as the Innovation Cluster. Fastest growing major metropolis in the country with an economic growth of 10.3%. Located on Deccan Plateau in the South Eastern part of Karnataka. Possesses world class infrastructure in housing, education & research. Bengaluru is teeming with restaurants, clubs, pubs, health spas, amusement parks, supermarkets, theatres, cinemas, shopping malls, discotheques and other necessities of a modern-day metropolitan lifestyle.

1.1 Location & Geographical Area. :

Located on Deccan Plateau in the South Eastern part of Karnataka. Located at 12° 39' to 13° 18' North Latitude 77° 22' to 77° 52' East Longitude.

1.2 Topography:

The district has a Temperature 37° C (Max.) 6° C (Min.) Rainfall being an average of 831 mm. Covering an area of 2208 sq km. District headquarter & Capital City is Bengaluru. Has population of 95,88,910 (As per 2011 census) with population density 4378 per sq km. Literacy rate is 88.48% has International Airport at 40 kms away from the city. Major Industrial Infrastructure with 27 Special Economic Zones. Highest exporters of software technology. Highest contributor to the state economy with 33.8% contribution to GDDP (2008-2009). Country's fourth largest fast moving consumer goods (FMCG) market. One of the pioneers in the concept Medical Hub due to the presence of World's largest 'healing center' and 'telemedicine center'

1.3 Availability of Minerals.- PRODUCTION OF MINERAL 2010-11 :

S.NO.	NAME OF MINERAL	PRODUCTION in tones 2010-2011
MAJOR MINERAL		
1.	-nil-	-nil-
MINOR		
1.	Felspar	1400

SOURCE:- DEPT. OF MINES & GEOLOGY.,

1.4 FOREST: The district has a forest cover of 5055 Hectres.

1.5 Administrative set up. Spread across four Talukas namely Bengaluru North, Bengaluru East, Bengaluru South and Anekal.

2. District at a glance:

S.No	Particular	Year	Unit	Statistics
1	Geographical features			
(A)	Geographical Data			
	i) Latitude	2010-11		12° 39' to 13° 18'
	ii) Longitude	2010-11		77° 22' to 77° 52'
	iii) Geographical Area		Hectares	
(B)	Administrative Units			217410
	i) Sub divisions	2010-11		2
	ii) Tehsils	2010-11		4
	iii) Sub-Tehsil	2010-11		6
	iv) Patwar Circle	2010-11		17
	v) Panchayat Simitis	2010-11		-
	vi) Nagar nigam	2010-11		1
	vii) Nagar Palika	2010-11		19
	viii) Gram Panchayats	2010-11		86
	xi) Revenue villages	2010-11		699
	x) Assembly Area	2010-11		11
2.	Population			
(A)	Sex-wise			
	i) Male	2011	Nos	50,25,498
	ii) Female	2011	Nos	45,63,412
(B)	Rural Population	2011		8,68,971
3.	Agriculture			
A.	Land utilization			
	i) Total Area	2010-11	Hectare	217410
	ii) Forest cover	2010-11	"	5055
	iii) Non Agriculture Land	2010-11	"	115436
	v) cultivable Barren land	2010-11	"	4911
4.	Forest			
	(i) Forest	2010-11	Ha.	5055
5.	Livestock & Poultry			
A.	Cattle			
	i) Cows	2007	Nos.	127439
	ii) Buffaloes	2007	Nos.	11254
B.	Other livestock			
	i) Goats	2007	Nos.	41097
	ii) Pigs	2007	Nos.	4522
	iii) Dogs & Bitches	2007	Nos.	124163
	iv) Railways			
	i) Length of rail line	2010-11	Kms	148
	V) Roads			
	(a) National Highway	2010-11	Kms	147

(b) State Highway	2010-11	Kms	91.30
(c) Main District Highway	2010-11	Kms	682.09
(d) Other district & Rural Roads	2010-11	Kms	1421.35
(e) Rural road/ Agriculture Marketing Board Roads	2010-11	Kms	INCL.IN ITEM (D)
(f) Kachacha Road	2010-11	Kms	935.18
(VI) Communication			
(a) Telephone connection	2010-11		872095
(b) Post offices	2010-11	Nos.	251
(c) Telephone center	2010-11	Nos.	183
(d)Density of Telephone	2010-11	Nos./1000 person	-
(e) Density of Telephone	2010-11	No. per KM.	-
(f) PCO Rural	2010-11	No.	-
(g) PCO STD	2010-11	No.	-
(h) Mobile	2010-11	No.	1033365
(VII) Public Health			
(a) Allopathic Hospital	2010-11	No.	9
(b) Beds in Allopathic hospitals		No.	1790
(c) Ayurvedic Hospital		No.	6
(d) Beds in Ayurvedic hospitals		No.	396
(e) Unani hospitals		No.	-
(f) Community health centers		No.	3
(g) Primary health centers		No.	75
(h) Dispensaries			-
(i) Sub Health Centers		No.	15
(j) Private hospitals		No.	195
(VIII) Banking commercial			
(a) Commercial Bank	2010-11	Nos.	793
(b) rural Bank Products	2010-11	Nos.	16
(c) Co-Operative bank products	2010-11	Nos.	136
(d) PLDB Branches	2010-11	Nos.	3
(IX) Education	2010-11		
(a) Primary school	2010-11	Nos.	1030
(b) Middle schools	2010-11	Nos.	3099
(c) Secondary & senior secondary schools	2010-11	Nos.	2031
(d) Colleges	2010-11	Nos.	545
(e) Technical University	2010-11	Nos.	26(Medical)+ 73(Engg)

Source : **Source : Directorate of Economics and Statistics**

2.1.1 Existing Status of Industrial Estates in the District :

S N o.	Name of the Estate	Land acquire d (In Hectare)	Land Devel oped (In Hecta re)	Prevai ling rate per Sqm	Numbers Formed		Numbers Allotted		Numbers vacant		No. of units in production	
					Plot s	Shed s/flat s	Plots	Sheds/fl ats	Plots	She ds/fl at	Plot s	She ds/fl ats
1	Jigani-I	18.05	18.05	4250	88	100	88	97	0	3	0	52
2	Jigani-II	16.05	16.05	4680	73	4	73	4	0	0	0	27
3	Dyavas andra	30.00	30.00	15300	19	170	18	170	1	0	0	153
4	NEF	15.16	15.16	12090	20	54	20	54	0	0	0	74
5	Rajajina gar	37.00	37.00	32230	9	277	9	277	0	0	0	112
6	Electron ic city	10.00	10.00	11290	9	126	9	117	0	9	0	55
7	Veerasa ndra 1	14.33	14.33	8710	2	104	2	104	0	0	0	81
8	Veerras andra II	10.00	10.00	8710	46	15	45	15	1	0	0	37
9	Bomma sandra I	25.00	25.00	8710	8	101	8	101	0	0	0	105
10	Bomma sandra II	10.00	10.00	8710	58	15	58	15	0	0	0	61
11	HAL	2.34	2.34	0	10	0	10	0	0	0	0	0
		187.93	187.93	114680	342	966	340	954	2	12	0	757

Source : KSSIDC - Bangalore

List of Major projects Handled by KSSIDC in Bengaluru:

- A prestigious **Government Tool Room Training Centre (GTTC)** was established with the assistance of Dutch Government at Industrial Estate Rajajinagar.
- An exclusive **garment complex** has been established at Rajajinagar Industrial Estate.
- **Multi-storied complexes at Electronic City** industrial estate & Bommasandra.
- **ISI Complex** at peenya established to test and certify the product manufactured by SSI units.

- **Multi-storied complexes** with flatted factory accommodation established in each of the three stages of Industrial Estate Peenya.
- **Joint Venture:** MOU is signed with M/s Karnataka State Industrial Investment Development Corporation to construct **Information Technology and Bio-technology park** in Rajajinagar.

2.1.2 Existing Status of Industrial Areas in the District :

S. No.	Name of Ind. Area	Land acquired (In Acres)
1	Attibele	250
2	Bommasandra I,II,III + IV	1,119
3	Bommasandra	712
4	Doddanakundi Stage I & II	525
5	Electronic City stage II , III	455
6	Jigani Stage I & II	615
7	Kadugodi - Sadaramangala	539
8	Kumbalagodu State I&II	218
9	Peenya I-IV	1,485
10	Veerasandra	107
11	Hardware Park (Status: Acquisition completed , part litigation)	128.5
12	E.O.Y.Z	14
13	EPIP Stage I & II	554
14	Yarandahalli Sub Layout	27

2.1.3 Status of Notified Operational SEZs in Bengaluru :

1.	M/s. Biocon Ltd., Bommasandra Industrial Area,	Bio Tech		500	2500
2	M/s. Wipro Ltd.	Doddakannel li	IT & ITES	103	2800
3	M/s. Wipro Ltd.,	Electronic City	IT & ITES	160.05	3400
4	M/s.	Nagavara	IT & ITES	750	32000

5	Manyatha Promoters M/s Adarsh Prime Projects Pvt. Ltd.	Devarabeesa na Halli	IT & ITES	487	19000
6	M/s.Shyamaraj and Company (India) Pvt. Ltd	Khudalahalli Village,	IT & ITES	1566	19600
7	M/s Cessna Garden Developers Pvt. Ltd.,	Marathahalli	IT & ITES	506	25000
8	M/s Vikas Telecom Ltd,	Devarabeesa na halli,	IT & ITES	980	35000
9	M/s Tanglin Developments Ltd.,	B'lore-Mysore Highway,	IT & ITES	900	12500
10	M/s Information Technology Park Ltd	Whitefield	IT & ITES	192.13	10500
11	M/s. Bagmane Construction Private Limited,	Doddenakundi & Mahadeva pura	IT & ITES	690.03	23000
12	M/s Primal Projects Pvt Ltd	Bellandur,Varthur Hobli	IT & ITES	345	30000
13	M/s HCL Technologies Ltd,	Jigani Indl Area,	IT & ITES	508.14	9000
14	M/s Gopalan Enterprises India Pvt Ltd	Hoodi Whitefield	IT & ITES	250	25000

3. INDUSTRIAL SCENERIO :

3.1 Industry at a Glance

Sr No	Head	Unit	Particulars
1.	REGISTERED INDUSTRIAL UNIT	NO.	74282
2.	TOTAL INDUSTRIAL UNIT	NO.	74282
3.	REGISTERED MEDIUM & LARGE UNIT	NO.	3125
4.	ESTIMATED AVG. NO. OF DAILY WORKER EMPLOYED IN SMALL SCALE INDUSTRIES	NO.	690792
5.	EMPLOYMENT IN LARGE AND MEDIUM INDUSTRIES	NO.	-
6.	NO. OF INDUSTRIAL AREA	NO.	14
7.	TURNOVER OF SMALL SCALE IND.	IN LACS	-
8.	TURNOVER OF MEDIUM & LARGE SCALE INDUSTRIES	IN LACS	Rs. 7,732 Crore

3.2 YEAR WISE TREND OF UNITS REGISTERED

	YEAR	NUMBER OF REGISTERED UNITS	EMPLOYMENT	INVESTMENT (lakh Rs.)
Up to	2006-07	55539	432623	3807664
	2007-08	2717	49967	45280
	2008-09	3276	56324	71672
	2009-10	3648	58469	73290
	2010-11	4195	45116	53119
	2011-12	4507	48288	70335
	Total	74282	690792	4121360

Source: www.karnatakaindustry.gov.in

3.3 DETAILS OF EXISTING MICRO & SMALL ENTERPRISES AND ARTISAN UNITS IN THE DISTRICT

NIC CODE	TYPE OF INDUSTRY	NUMBER OF UNITS	INVESTMENT (Lakh Rs.)	EMPLOYMENT
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NO.				
20	Agro based	84	1190.65	764
22	Soda water	-	-	-
23	Cotton textile	804	3527.96	4052
24.	Woolen, silk & artificial Thread based clothes.	-	-	-
25.	Jute & jute based	-	-	-
26.	Ready-made garments & embroidery	600	8796.97	13183
27.	Wood/wooden based furniture	40	220.85	314
28.	Paper & Paper products	64	805.23	766
29.	Leather based	22	1155.48	2231
31.	Chemical/Chemical based	283	3603.83	2527
30.	Rubber, Plastic & petro based	185	2562.49	1626
32.	Mineral based	-	-	-
33.	Metal based (Steel Fab.)	87	856.05	735
35.	Engineering units	1955	30295.53	19489
36.	Electrical machinery and transport equipment			
97.	Repairing & servicing	8	114.08	122
01.	Others	217	4772.28	2767
	Kachori Making	-	-	-

Source: www.karnatakaindustry.gov.in

3.4 Large Scale Industries / Public Sector undertakings :

Base of leading manufacturing companies such as Larson & Tubro , Kirloskar, General Motors , General Engineering , Volvo, INTEL, SAP Labs, Huawei technologies & Toyota Kirloskar

Engineering industries such as National Aerospace Laboratories, BHEL, Indian Telephone Industries, BEML, BEL & HMT are headquartered in Bengaluru along with Wheel and Axle plant .

3.5 Major Exportable Items :

IT , IT related Products, Software, Readymade Garments, Agarbattis, Gem & Jewellery , Machine Tools, Light engineering , Electronic Goods .

3.6 Growth Trend :

The major **industrial products** included - Software Technology Park, IT/ITES, Telecom, Plastic Furnitures, Service Health care centre, Metal Slitting, Village Heritage Park, IT Park, Critical Reactors for Nuclear Power Plants, Automobile Engineering, Software Development, Hospital Research, Zinc Plating, Cold Storage & Transportation, Steam Turbines, Active pharmaceutical Ingredients and Aerospace Components, Logistics & Warehousing, Gem & jewellery, Integrated Circuits & Designs in modular units.

3.7 Vendorisation / Ancillarisation of the Industry :

Software Technology Park, IT/ITES, Automobile Engineering, Software Development, Aerospace Components.

3.8. Medium Scale Enterprises :

3.8.1 List of the units in & Near By Area

National Aerospace Laboratories,
BHEL,
Indian Telephone Industries,
BEML,
BEL
HMT
Wheel and Axle plant .
L&T,
Kirloskar,
GM,
GE,
Volvo,
Intel,
SAP Labs,
Huawei technologies
Toyota Kirloskar

3.8.2 Major Exportable Items :

IT , IT related Products, Software, Readymade Garments, Agarbattis, Jewellery
Machine Tools, Light ngineering ,Electronic Goods .

3.9.1 Service Enterprises :

3.9.2 Potentials areas for service industry : *Knowledge Based Industries*

- Research & Development Centers
- Knowledge City

- Private Universities

IT & IT related:

- *Information Technology*
- Cloud Computing Infrastructure
- IT/ITES
- IT Hardware and component manufacturing
- Business Process Outsourcing (BPO)
- Training and Education Centers

3.10 Potential for new MSMEs :

The major **industrial products** included - Software Technology Park, IT/ITES, Telecom, Plastic Furnitures, Service Health care centre, Metal Slitting, Village Heritage Park, IT Park, Critical Reactors for Nuclear Power Plants, Automobile Engineering, Software Development, Hospital Research, Zinc Plating, Cold Storage & Transportation, Steam Turbines, Active pharmaceutical Ingredients and Aerospace Components, Logistics & Warehousing.

4. Existing Clusters of Micro & Small Enterprise :

- World Economic Forum identified Bengaluru as the **Innovation Cluster**.
- Business Week placed Bengaluru among the '**Global Hot Spots** of the 21st Century'
- 4th Largest technology cluster in the world
- Bengaluru is also known as silicon valley and Technology base in Asia
- Bangalore is One of the pioneers in the concept of industrial clusters with established Industrial clusters like Whitefield, Electronics City, Peenya etc.
- Peenya is the largest industrial cluster in Asia.
- IT firms in Bengaluru employ about **35% of India's pool of 1 million IT professionals** and account for the **highest IT-related exports** in the country
- Bengaluru is the home to the **biggest bio cluster in India** with 137 Biotechnology companies, making it 40% of the total 340 such units in the country. Home to the **biggest bio cluster** in the Electronic City .
- Total 87 nos. of Fortune MNCs, 2084 nos. of IT Companies and 195 BT companies are there in Karnataka
- Peninsular Gneissic Complex (PGC) is the most dominant rock unit in the area and includes granites, gneisses and migmatites, while the soils of Bengaluru consist of red laterite and red fine loamy to clayey soils.

- **Upcoming 'Silk City'** with an **investment of US \$ 14.5 million (INR 70 Crores)** in north Bengaluru region

MSME Clusters:

Agarbatti, Rugs & Duries, Wood Carving, Shopping bag/ fancy Items, Toyes and Decoration pieces, Brass and Copper Art Ware, Dolls from pulp, Jewellery, Metalware Grass, Leaf, Reed & Fibre, Earthier ware/pottery, Embroidery by hand, Printing of cloth by hand Printing of cloth by hand, Toyes and decoration Pieces, Wood Furniture & Fixtures, Textile Handlooms .

Artisan Clusters :

Machine Tools, Power loom , Electronic Goods , Readymade Garments , Light engineering , Leather Products .

4.1 DETAIL OF MAJOR CLUSTERS :

4.1.1 Manufacturing Sector

Bio tech and Pharma

- ☐ Genetic Research
- ☐ Drug Design and Discovery centers
- ☐ Peptide synthesis
- ☐ Cloning technologies

Engineering

- ☐ Electricals & insulation units
- ☐ Industrial instruments
- ☐ Home equipments

Food Processing

- ☐ Research & Training institutes
- ☐ Advanced agriculture technology
- ☐ Improvement in seed varieties

4.1.2 Service Sector

Knowledge Based Industries

- Research & Development Centers
- Knowledge City
- Private Universities

IT & IT related:

- *Information Technology*
- Cloud Computing Infrastructure

- IT/ITES
- IT Hardware and component manufacturing
- Business Process Outsourcing (BPO)
- Training and Education Centers

4.2 Details for Identified cluster

4.2.1 Name of the cluster- Stone Industries Cluster – Stone cutting & polishing

Present status of the cluster :-

SPV not yet formed

4.2.2 Name of the cluster- CNC Industrial Cluster – Precision Products

Present status of the cluster :-

SPV not yet formed

4.2.3 Name of the cluster- Solar Power Cluster – Solar Power Generation

Present status of the cluster :-

SPV not yet formed

4.2.4 Name of the cluster- RCC Cement Product Cluster – Cement Products

Present status of the cluster :-

SPV not yet formed

4.2.5 Name of the cluster- Rubber reprocessing Cluster – Rubber reprocessing

Present status of the cluster :-

SPV not yet formed

4.2.6 Name of the cluster- Karnataka Sreegandha Karakushala Kelasagarara Sangha, Cubbonpet – Sandle wood articles.

Present status of the cluster :-

SPV not yet formed

4.2.7 Name of the cluster- Powder Coating Cluster – Powder Coating

Present status of the cluster :-

SPV not yet formed

4.2.8 Name of the cluster- Plastic Cluster – Plastic Products.

Present status of the cluster :-

SPV not yet formed

4.2.9 Name of the cluster- Foundry Cluster – Foundry

Present status of the cluster :-

SPV not yet formed

4.2.10 Name of the cluster- Thayyil Electronic Inventories & component products Cluster – Membrane Switches, PCBs, etc

Present status of the cluster :-

SPV not yet formed

4.2.11 Name of the cluster- Spectra Vision Sheet metal Products Cluster – Sheet metal Works

Present status of the cluster :-

SPV not yet formed

4.2.12 Name of the cluster- Printinting Press Cluster – Printinting Presses.

Present status of the cluster :-

SPV not yet formed

4.2.13 Chemical cluster : Pharmaceutical & Cold Storage

1	Principal Products Manufactured in the Cluster	Pharmaceutical & Cold Storage
2	Name of the association	Atmavallabha Medical & Education Trust, SY.No.126/7/2, Hulimangala, Jigani Hobli, Anekal Taluk, Bangalore District.
3	No. of functional units in the clusters	23
4	Turnover of the Clusters	Rs. 12 Crores
5	Value of Exports from the Clusters	-
6	Employment in Cluster	800

7	Average investment in plant & Machinery	Micro & Small
8	Major Issues	By establishing logistics, Packaging, Training and other services , there will be improvement in supply chain
9	Access to Export Market	-

Present status of clusters:-

SPV Registered

4.2. 14. Name of the cluster: Electronic system design & manufacturing cluster

1	Principal Products Manufactured in the Cluster	Providing Technical, Marketing, Calibration testing and R & D services to electronic institutions.
2	Name of the Association	Electronic system design & manufacturing cluster , Jayanagar, Bangalore
3	No. of functional units in the clusters	*
4	Turnover of the Clusters	*
5	Employment in Cluster	*
6	Average investment in plant & Machinery	*
7	Major Issues	*
8	Access to Export Market	*

* Other details not available

Present status of clusters:-

SPV Registered.

5. General issues raised by industry association during the course of meeting

- Interest rate is too high. It should be reduced at least for Micro & Small enterprises.
- Although Collateral free loan is available up to Rs.10,00,000/- for MSEs, it is only on paper but not in practice. Effective implementation should be made.
- Large & Medium enterprises are not obeying Delayed Payment Act .MSEFC judgements are being questioned in High Courts,etc. Judiciary status may be given for MSEFC judgements.

6. STEPS TO SET UP MSMEs

Following are the brief description of different agencies for rendering assistance to the entrepreneurs.

S.No	Type of assistance	Name and address of agencies
1.	Provisional Registration Certificate (EM-1) & Permanent Registration Certificate (EM-II)	The Joint Director, District Industries Centre Industrial estate, Rajajinagar, Bangalore 560010 Ph : 080-23145216– 23145216 Fax : 2281562 Email Id : jd-bng-r@karnatakaindindustry.gov.in

2.	Identification of Project Profiles, techno-economic and managerial consultancy services, market survey and economic survey reports.	MSME-Development Institute (Ministry of MSME, Govt. of India,) BANGALORE Phone 91 080 23151581,82,83 e-mail: dcdi-bang@dcmsme.gov.in Web- www.msmedibangalore.gov.in/ Technical Consultancy Services Organisation of Karnataka (A Govt. of Karnataka Organisation) 4th Floor, Basava Bhavan, Basaveshwara Circle Bangalore 560 001. India: Karnataka DIC, Khaniz Bhavan, Bangalore
3.	Land and Industrial shed	Karnataka Industrial Areas Development Board CEO and Executive Member #14/3, Rashtrathana Parishat Building, Nrupathunga Road, Bengaluru-560 001, India. • Fax : 91-80-2221 7702 • Email: kiadb@mail.nic.in • Visit us at : www.kiadb.in and KSSIDC, Indl.Estate Rajajinagar, Bangalore-560010
4.	Financial Assistance	Karnataka State Financial Corporation; KSFC Bhavan; # 1/1 Thimmaiah Road; BANGALORE 560052; Karnataka; INDIA; Phone: +91 80 22263322; Fax: +91 80 22250126 Email: info@ksfc.in
5.	For raw materials under Govt. Supply	KSSIDC- ASSISTANT GENERAL MANAGER , Industrial Estate, TUMKUR-572 102 and NSIC Limited No. 6 & 7, West of Chord Road, Rajajinagar Branch Manager Industrial Town, Bangalore - 560 044
6.	Plant and machinery under hire / purchase basis.	NSIC Limited (Karnataka) No. 6 & 7, West of Chord Road, Rajajinagar Branch Manager Industrial Town, Bangalore - 560 044 Tel: 080- 23307790/23306814/23307791 Fax: 080-23386578 Email: boban@nsic.co.in
7.	Power/ Electricity	Bangalore Electrical Supply Co. BESCO. HO: Bangalore
8.	Technical Know –how.	KARNATAKA COUNCIL FOR TECHNOLOGICAL UPGRADATION (KCTU) 4th Floor, Basava Bhavan, Basaveswara Circle, Bangalore - 560 001 Karnataka State, India Phone : +91 80 22250772 Fax : +91 80 22286607 e-mail : md-kctu-ka@nic.in / info-kctu-ka@nic.in
9.	Quality & Standard	Bureau of Indian Standards Peenya Indl.Estate, 1st stage, Tumkur Road, Bangalore.58: ph 28395604,fax 28398841
10.	Marketing /Export Assistance	Visweswariah industrial trade Centre, Kasturba Road, Bangalore and Engg. Export Promotion Council, Sub Regional

		Offices. Bangalore Vinayaka Complex, 2nd Floor 44/45, Residency Road Cross Bangalore 560025 Exim Bank India , Ramanashree Arcade, Floor 4, 18, M. G. Road Bangalore
11.	Other Promotional Agencies	Karnataka Udyog Mitra Managing Director 3rd Floor, Khanija Bhavan (East Wing), No.49, Race Course Road, Bangalore – 560 001 www.kumbangalore.com Ph : 91-80-2228 2392, 2228 5659; 2238 1232, 2228 6632 Fax : 91-80-2226 6063 Email : md@kumbangalore.com

9. Any other important additional information of the district (2 pages brief note) :
Bengaluru - IT & BT Capital :

Bengaluru...the name is synonymous to Silicon Valley of India, IT Hub of Asia and IT Capital of India. The journey started in 1992 when country's first satellite earth station was set up in the city for high speed communication services to facilitate software exports . At present, Indian Software exports is likely to grow by 10.77% & expected to exceed US \$ 54.41 billion in volume. Bengaluru is contributing approximately 36% of the total exports.

Highest contributor to the state economy with 33.8% contribution to GDDP (2008-2009)

2180 companies in Software Technology Parks of India, Bengaluru, 2156 IT Companies are there.

87 SEI CMM Level -5 IT companies in the world and there are 63 in India; out of which more than **50% are in Bengaluru.**

Bengaluru Biotech Park- Spread over 100 acres with World-Class Infrastructure, State-of-the art Biotech Incubators, Common Facilities Centre and Digital DNA Park
196 Bio technology factories are there.

Out of 30 top BT Schools in India, 20 are in Bengaluru

Home to the **biggest bio cluster** in the Electronic City

Engineering

Bengaluru - the **main expo hubs** of the country and hosts IMTEX, the largest machine tool trade fair in South Asia

Home to **industrial Icons** like – Toyota, Bosch, L&T, Kirloskar, Escorts Ltd (Automotive Division), Saginaw India, Avasaralu Automotions and Omax Autos Limited

Airbus Industries has located its **Airbus Engineering Centre** at Bengaluru

Delphi Automotive Systems Pvt. Ltd. has **expanded its technical centre** in Bengaluru with an investment of US \$ 25 million

Aerospace : Aerospace SEZ in 250 acres of land near Bengaluru International Airport

India's first private aircraft factory Hindustan Aircraft Ltd. began its operations in Bengaluru. Also, **4 out of 9 R&D centres of HAL are in Bengaluru**

Internationally renowned institutions like HAL, DRDO, ISRO, ADA, NAL, IISC, Antrix are based in Bengaluru.

Bengaluru is the headquarters **of ISRO & DRDO**, also **DRDO** has 5 aeronautic centers in Bengaluru

Presence of **renowned industrial icons** - AirWorks India Engineering and QUEST Global

Knowledge Based Industries :

Microsoft Research India is planning to open its 2nd R&D centre in Bengaluru

The Indian Institute of Human Settlements (IIHS), the country's first university exclusively focused on urban affairs to be based at Bengaluru with a proposed investment of US \$ 52.08 mn

Philips Innovation Campus in Bengaluru involved extensively in designing innovative engineering, healthcare and consumer lifestyle solutions

IBM, present in India since 1992, has one of its 10 global innovation centers in Bengaluru

GE Healthcare, Bengaluru is GE's innovation centre providing innovative solutions for healthcare industry

Agri and Food Processing :

Flower Auction Centre & International Flower Auction Board is in operation at Bengaluru for promotion of exports of flowers from the state

Hub for floriculture industries and accounts for 70% of all rose exports from India

HOPCOMS, a co-operative society for marketing of Horticulture produce, handles a quantity of approximately 100 metric tonnes per day in Bengaluru

District agriculture training centre located at R.K Shala, Anekal Taluk

Around 10 % of the total MSME units in the district are engaged in Agri and Food Processing

Infrastructure

Land Bank of 2,321 Acres.

- Out of 35 SEZ notified in Karnataka under the SEZ ACT, 2005, 14 are present in the district with an investment of **US \$ 1.65 billion (INR 7937 Crores)**
- **Dhabol – Bengaluru Gas Pipeline being implemented by GAIL (Gas Authority of India Ltd)** - five power projects proposed along the pipeline will facilitate industries, will also enable city gas distribution in Bengaluru and Tier II cities

- **Proposed multi storied vehicle parking** at 10 important traffic routes in Bengaluru with an investment of **US \$ 20.83 million (INR 1,00 Crores)**
- **Service Facilities:** 188 Urban Cooperative Banks, 325 Post Offices & 170 Telephone Exchanges with 917,290 connections and 28 Telegraph offices.
- The Suvarna Karnataka Development Corridor has **proposed a Pharmaceutical & Bio-Tech zone** covering Bengaluru Urban District.
- Bengaluru **ranks the highest in India in the implementation and value of PPP projects**
- **Bengaluru Metro (Namma Metro)** - Mass Rapid Transit System for the city of Bengaluru. Total -137 Km till 2017 **List of Major projects Handled by KSSIDC in Bengaluru**

•A prestigious **Government Tool Room Training Centre (GTTC)** was established with the assistance of Dutch Government at Industrial Estate Rajajinagar.

•An exclusive **garment complex** has been established at Rajajinagar Industrial Estate

•**Multi-storied complexes at Electronic City** industrial estate Bommasandra

•**ISI Complex** at peenya established to test and certify the product manufactured by SSI units

•**Multi-storied complexes** with flatted factory accommodation established in each of the three stages of Industrial Estate **Peenya**

•**Joint Venture:** MOU is signed with M/s Karnataka State Industrial Investment Development Corporation to construct **Information Technology and Bio-technology park in Rajajinagar Industrial Estate** at a cost of INR.37 Crores. The construction is in progress

•Wheel & Axel industry, with highest production unit in Asia

In Global Investors Meet (GIM 2010), **37 MOU's** were signed worth **US \$ 1.19 billion (INR 5,712 crores)**

• Private Universities

► **Country's fourth largest fast moving consumer goods (FMCG) market.**

► One of the pioneers in the concept of industrial clusters with established Industrial clusters like Whitefield, Electronics City, Peenya etc.

► Peenya is the largest industrial cluster in Asia.

► IT firms in Bengaluru employ about **35% of India's pool of 1 million IT professionals** and account for the **highest IT-related exports** in the country

► Bengaluru is the home to the **biggest bio cluster in India** with 137 Biotechnology companies, making it 40% of the total 340 such units in the country, Total 87 nos. of Fortune MNCs, 2084 nos. of IT Companies and 195 BT companies are there in Karnataka

► Peninsular Gneissic Complex (PGC) is the most dominant rock unit in the area and includes granites, gneisses and migmatites, while the soils of Bengaluru consist of red laterite and red fine loamy to clayey soils.

Economy & Industry Profile

Economy Profile

► **Medical Hub** due to the presence of World's largest 'healing center' and 'telemedicine center'

► **Upcoming 'Silk City'** with an **investment of US \$ 14.5 million (INR 70 Crores)** in north Bengaluru region

► Business Week placed Bengaluru among the **'Global Hot Spots** of the 21st Century'

- Bengaluru is also known as silicon valley and Technology base in Asia
- **Major crops grown** - Paddy, Ragi, Maize, Horse gram and oil seeds. **Anekal Taluk** is called as **Ragi Bowl** in the State. The horticultural crops like Banana, Grapes, Papaya, Mango sapota, Pomegranate Commercial plantation – Coconut and also Rose crop

Tourism :

Bull Temple - Magnificent pilgrimage of Nandi (the sacred bull as per Hindu mythology) 15 feet tall and over 20 feet long.

► **Bannerghatta National Park** - Rich natural zoological reserve with white tigers & lions. Also hosts first butterfly park in India.

► **Bengaluru Palace** - A minor replica of the Windsor Castle in England.

► **Lalbagh botanical garden** - Well known botanical garden spread over 240 acres ; commissioned by the ruler of Mysore, Hyder Ali and home to over 1000 species of flora

► **Visvesvaraya Industrial and Technological Museum** - famous for its interactive exhibits

► **Tipu Sultan's Summer Palace** - Beautiful two-storey ornate wooden structure with exquisitely carved pillars, arches and balconies; built in 1791 and was Tipu Sultan's summer retreat

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