

Brief Industrial Profile Anugul District



Carried out by

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Brief Industrial Profile of Angul District

1. General Characteristics of the District: The erstwhile Dhenkanal District got bifurcated into two districts namely Dhenkanal and Angul with effect from 1-4-1993. The present Anugul District is having 8 Blocks leaving 8 Blocks for Dhenkanal. The present district of Angul with 4.09% of State area and 3.10 % of state population is well known for largest Aluminium company i.e. National Aluminium Co. Ltd, Angul. The significant feature of the district is that there are 5 PSUs besides 4 Large Scale Industries exists in the district. It is also well known for Talcher Coal Mines and huge deposits of coal in the district. The other feature is that a large portion of the district are under forest which is 42.16% with varieties of minor and major forest products.

1.1 Location & Geographical Area.

The district is situated in the central part of Orissa. The district finds its circumferential limits within 20⁰31" and 21⁰ 41" North Latitude and 84⁰ 16" and 85⁰ 23" East Latitude. It is surrounded on the North by Keonjhar and Sundargarh, East by Cuttack and Dhenkanal, South by Boudh and West by Sambalpur and Deogarh district. The total geographical area of the district is 6375 Sq. kms .Area wise the District rank is 11th among the Districts of Odisha.

1.2 Topography

Topographically the district can be divided in to three natural tracks. First is a chain of hills running along the northeastern boundary of the district covering Pallahara. Another chain of hills runs along with south-west boundary covering Athamallik and Angul. The third natural division is a valley of river Brahmani running along with boundary of Talcher through Kaniha touching Pallahara.

1.3 Availability of Minerals Varieties of economic mineral areas are occurring in the district which includes Coal, Chormite, Graphite, Maganese, Mica, Keyanite, Granite, Laterite ,Sand(stow),Quartz etc .However **Coal,Sand(stow) and Quartz** are only commercially exploited. There are 11 Coal Mines covering G 10474.336 Hectres, 1 Sand(stow) mine covering 17.5 Hectres and 1 Quartz mine covering 10.744 Hectres.

PRODUCTION OF MINERAL 2010-11

S.NO.	NAME OF MINERAL	PRODUCTION in tones
		2010-2011
MAJOR N	IINERAL	
1.	Coal	57533000
2.	Sand(stow)	25734
3.	Quartz	1080 (2008-09)

SOURCE:- O/o DIRECTORATE OF MINING, BHUBANESWAR AND DISTRICT HANDBOOK,2009, ANUGUL,

- **1.4 FOREST-** Angul district has got 2716.82 Sq. Kms. of forest area as on 31.3.2011, which is 42.62% of the total geographical area of the district. The important forest resources are **Timber**, **Kendu leaf**, **Fire-wood**, **Bamboo**, **Ayurvedic and Medicinal herb besides varities of Minor Forest Produces**. The coverage of the forest is 4.67% to the total forest area of the state.
- **1.5** Administrative set up -The district has 4 Sub-divisions with 8 Tahasils, 8 Community Development Blocks, 2 Municipality, 1 NAC, 20 Police Stations, and 209 Gram Panchayats with 1910 villages out of which 249 are uninhabited. There are 6 Census towns in the district.
- 1. Sub Division 4 (Angul, Athamallik, Pallahada, Talcher)
- 2. Community Block 8 (Angul, Athamalli, Banarpal, Chhendipada, Kanhia, Kishornagar, Pallahada and Talcher)
- 3. Towns 9
 - (a) Municipality-2 (Talcher and Angul)
 - (b) NAC-1 (Athamallik)
 - (c) Census Town-6 (Deracoliary, FCI Town, Ghantapada Town, NALCO Town, Rengali Dam Project, and TTPS Township)

2. <u>District at a glance</u>

S.No	Particular	Year	Unit	Statistics
1	G	eographical f	eatures	
(A)	Geographical Data			
	i) Latitude			20 ⁰ 31' to 21 ⁰
				41' (North)
	ii) Longitude			84 ⁰ 16' to 85 ⁰
				23' (East)
	iii) Geographical Area		Hectares	638000
(B)	Administrative Units			
	i) Sub divisions		Nos	4
	ii) Tehsils		Nos	8
	iii) Sub-Tehsil		Nos	-
	iv) Patwar Circle		Nos	-
	v) Panchayat Samitis (CD		Nos	8
	Block)			
	vi)Nagar nigam		Nos	0
	vii) Nagar Palika		Nos	3
	(Municipality & NAC)			
	viii) Gram Panchayats		Nos	209
	xi) Revenue villages		Nos	1910
	x) Assembly Area		Nos	5
2.	Population			
(A)	Sex-wise			
	i) Male	2011	Nos	654898
	ii) Female	2011	Nos	616805
(B)	Rural Population	2011	Nos	1065431
3.	Agriculture			
A.	Land utilization			
	i) Total Area	2010-11	000 Hectare	638
	ii) Forest cover	2010-11	u	272
	iii) Non Agriculture Land	2010-11	u	48
	iv) Cultivable Barren land	2010-11	u	7
4.	Forest			
	(i) Forest	2010-11	Sq.kms.	2716.82

5.	Livestock & Poultry			
A.	Cattle			
	i) Cows	2003	Nos.	230412
	ii) Buffaloes	2003	Nos.	35096
В.	Other livestock			
	i) Goats	2003	Nos.	222868
	ii) Pigs	2003	Nos.	5153
	iii) Dogs & Bitches	2007	Nos.	na
	iv) Railways			
	i) Length of rail line	2010-11	Kms	104
	V) Roads			
	(a) National Highway	2010-11	Kms	228
	(b) State Highway	2010-11	Kms	48
	(c) Major District Road	2010-11	Kms	134
	(d) Other district Roads	2010-11	Kms	412
	(e) Rural road	2010-11	Kms	691
	(f) G.P.Road	2010-11	Kms	5670
	(g)Panchayat samiti road	2010-11	Kms	656
	(H) Forest Road	2010-11	Kms	456
	(VI) Communication			
	(a) Telephone connection	2011-12-	Nos	28669 *
	(b) Post offices	2011-12	Nos.	244
	(c) Telephone center/Exchange	2011-12	Nos.	38
	(d)Density of Telephone	2011-12	Nos./1000	na
	(e) Density of Telephone	2011-12	person No. per SqKM.	na
	(f) PCO Local	2011-12	No.	113*
	(g) PCO STD	2010-11	No.	569*
	(h) Mobile	2010-11	No.	280240*

• The figures relates to BSNL of undivided Dhenkanal District which includes Anugul and Dhenkanal District .

(VII) Public Health			
(a) Allopathic Hospital	2010-11	Nos	4
(b) Beds in Allopathic	2010-11	Nos	472
hospitals			
(c) Ayurvedic Hospital	2010-11	Nos.	16
(d) Beds in Ayurvedic hospitals	2010-11	Nos.	-
(e) Unani hospitals	2010-11	Nos.	-
(f) Community health	2010-11	Nos.	10
centers			
(g) Primary health	2010-11	Nos.	31
centers			
(h) MHU	2010-11	Nos.	1
(i) Sub Health Centers	2010-11	Nos.	166
(j) Private hospitals	2010-11	Nos	3
(VIII) Banking commercial			
(a) Commercial Bank	2010-11	Nos.	53
(b) Rural Bank Branches	2010-11	Nos.	42
(c) Co-Operative bank	2010-11	Nos.	14
Branches			
(d) PLDB Branches	2010-11	Nos.	-
(IX) Education			
(a) Primary school	2010-11	Nos.	1442
(b) Middle schools	2010-11	Nos.	637
(c) Secondary & senior	2010-11	Nos.	278
secondary schools			
(d) Colleges	2010-11	Nos.	20
(e) Technical University	2010-11	Nos.	-

2.1 Existing Status of Industrial Estates/Areas/Growth Centres in the District of Angul

SI. No.	Name of Ind. Estate/Area	Total Land (in Acres)	Land Allotted (in Acres)	Prevaili ng Land Rate Per Acre/ Rs. In lakh	Total Sheds	Sheds Allotted/ used	No of vacant sheds	No of units in operation
1	Angul Industrial Estate	14.750	10.991	80.00	27	27	0	19
2.	Talcher Industrial Estate	71.200	35.766	10.00	20	20	0	18
3.	Kangula Industrial Estate	5.000	0.000	15.00	-	-	-	-
	Total	90.950	46.757	-	47	47	0	37

Source:- IDCO, Bhubaneswar and DIC, Angul

3. INDUSTRIAL SCENERIO OF ANGUL DISTRICT

3.1 Industry at a Glance By 2010-11

Sr No	Head	Unit	Particulars
1.	REGISTERED INDUSTRIAL UNIT	NOs	1155
2.	TOTAL INDUSTRIAL UNIT	NOs	3900
3.	REGISTERED MEDIUM & LARGE UNIT	NOs.	10
4.	ESTIMATED Average NO. OF DAILY WORKER EMPLOYED IN SMALL SCALE INDUSTRIES	NOs.	5
5.	EMPLOYMENT IN LARGE AND MEDIUM INDUSTRIES	NOs.	na
6.	NO. OF INDUSTRIAL AREA	NOs.	3
7.	INVESTMENT OF SMALL SCALE IND.	IN LACS	na
8.	TURNOVER OF MEDIUM & LARGE SCALE INDUSTRIES	IN LACS	na

Source: O/o. Directorate of Industries, Cuttack and DIC, Angul

3.2 YEAR WISE TREND OF UNITS REGISTERED

	YEAR	NUMBER OF	EMPLOYMENT	INVESTMENT
		REGISTERED UNITS		(lakh Rs.)
Up to	1984-85	275	2909	149.5
During	1985-86	18	179	6.52
During	1986-87	26	204	23.91
During	1987-88	22	119	25.09
During	1988-89	19	148	27.47
During	1989-90	13	109	10.09
During	1990-91	16	124	34.93
During	1991-92	20	103	34.12
During	1992-93	11	103	15.51
During	1993-94	6	45	7.78
During	1994-95	17	165	59.3
During	1995-96	11	75	39.95
During	1996-97	6	67	15.75
During	1997-98	11	59	10.65
During	1998-99	7	50	34.93
During	1999-2000	15	101	24.22
During	2000-01	34	227	114.09
During	2001-2002	54	301	156.23
During	2002-03	63	276	1509.1
During	2003-04	65	315	98.71
During	2004-05	65	323	69.24
During	2005-06	70	386	179.26
During	2006-07	62	262	112.03
During	2007-08	56	328	102.16
During	2008-09	61	687	352.56
During	2009-10	62	341	188.72
During	2010-11	70	411	354.52
	Total	1155	8417	3756.33

Source: O/o. Directorate of Industries, Cuttack and DIC, Angul

3.3 DETAILS OF EXISTING MICRO & SMALL ENTERPRISES AND ARTISAN UNITS IN THE DISTRICT (from 1999-2000 to 2011-12)

NIC CODE NO.	TYPE OF	NUMBER	INVESTMENT	EMPLOYMENT
	INDUSTRY	OF UNITS	(Lakh Rs.)	
20 & 22	Agro based	292	1619.82	980
23, 24,	Textile based	37	56.69	174
25 & 26				
27.	Wood/wooden based furniture	24	52.89	117
28.	Paper & Paper products	31	94.83	113
29.	Leather based	1	2.26	5
31.	Chemical/Chemical based	18	1984.04	181
30.	Rubber, Plastic & petro based	15	53.3	70
32.	Mineral based (G&C)	96	1378.92	1264
33 & 35.	Metal based (Steel Fab.) &	283	1567.27	1338
	Engineering units			
36.	Electrical machinery and electronics	2	4.8	6
97.	Repairing & servicing	1202	3224.57	3886
01.	Others	75	161.32	279

Source: Directorate of Industries, Odisha

3.4 Large Scale Industries / Public Sector undertakings -9

SI.	Name and address of the unit	Investment	Employment	Item of
No		(Rs. in lakh)	(Nos)	production
1.	M/s. National Aluminium	240814	NA	Aluminium
	Company Ltd., NALCO Nagar,			
	Angul			
2	M/s. National Thermal Power	200000	NA	Electricity,
	Corporation, Kanhia, Angul			Thermal
3	M/s. Talcher Thermal Power	200000	NA	Electricity,
	Station, Talcher			Thermal
4	M/s. Heavy Water Plant,	1000	NA	Heavy Water
	Talcher			
5	M/s. Mahanadi Coal Field Ltd.,	NA	NA	Coal
	Talcher, Angul			
6.	M/s. Shree Metaliks Ltd.,	5600	54	Sponge Iron
	Amlapada, Angul			
7.	M/s. Bindal Sponge Ltd.,	8625.84	510	Sponge Iron, MS
	Sunakhani, Talcher			Ingot and Bar
8.	M/s. Ganesh Sponge Pvt. Ltd.,	2300	74	Sponge Iron
	Krushnachandrapur, Parjang,			
	Angul			

9.	M/s. CPP Unit of Jindal Steel	NA	NA	Power
	and Power Ltd., Kerjar, Angul			

Source: Directorate of Industries, Cuttack and DIC, Angul.

3.5 Major Exportable Item

The following items have potentiality for export.

- 1. Hydrates Rolled Products
- 2. Aluminium Ingot
- 3. Sponge Iron
- Steel Billets, MS Ingot/Bar

3.6 Growth Trend

The trend shows that there is positive growth trend with respect to Aluminium, steels, Sponge Iron etc based Projects in the district taking into consideration of availability of resources, infrastructure, manpower and demand.

3.7 Vendorisation / Ancillarisation of the Industry

At present, there are 10 nos. large and medium scale industry including 5 PSUs in the district, besides a number of large projects are under pipeline. Thus, there is enough scope for ancillary development. Similarly, some ancillary and downstream industries can be promoted basing upon the requirements of the mother plants located in the neighbouring districts. In this liberalized era, the place or locality is not a rigid criteria for development of ancillary industries. This can be done taking into view the requirement and demand of the mother plants located inside the state. Similarly, as a number of large scale industries are on the pipeline specially on steel, mine and power sector for which MOU has already been signed. , there is enough scope for ancillarization in near future. Some of the ancillary unit which can be promoted in the district as reported by DIC, Angul are:

- (1) Top Roller, Bottom Roller, Impact Roller etc.
- (2) Lasser Printing
- (3) Printing Press
- (4) Mechanical Job work and spare parts
- (5) Retreading/repairing of tyres
- (6) Steel, Official furniture
- (7) Printing materials
- (8) Extrusion
- (9) Conductors
- (10) Casting
- (11) Rolled products
- (12) Foils

- (13) Auto parts
- (14) Refrigeration items
- (15) Utensils
- (16) Aluminium alloy products
- (17) Construction material
- (18) Packaging
- (19) Powders, Slugs/Circles, Collapsible tubes, Anodised aluminium etc.)
- (20) Coal Tar
- (21) Coke Briquette

There are 11 nos. of ancillary units registered with NALCO and 13 nos. ancillary units registered with MCL.

3.8. Medium Scale Enterprises -1 no.

SI.	Name and address of the unit	Investment	Employment	Item of
No		(Rs. in lakh)		production
1.	M/s Global Coal and Mining P Ltd.,	389	43	Coal
	South Balanda			Benefication

Source: Directorate of Industries, Cuttack and DIC, Angul.

3.9 Service Enterprises

3.9.1. There is positive growth with respect to service enterprises especially for transport and repairing services as there are good nos. of PSUs and large projects exist and also a number of large and medium scale industries are under pipeline

3.9.2 Potentials areas for service industry

Activities under service and business sectors generally require less capital and labour intensive in nature. It is widely feasible because of growing need towards these services. The following servicing units are identified for the districts.

- 1) Modern Automobile Workshop/Body Building
- 2) Two wheeler/Auto Rickshaw Repairing unit
- 3) Mechanical Job work and spare parts
- 4) Retreading of tyres
- 5) Reconditioning of Battery
- 6) Electrical repairing shop/Motor Winding/Transformer Repairing
- 7) Beauty parlor
- 8) Cyber café/Computer Data Processing/Hardware Repairing
- 9) Colour Photo Laboratory
- 10) Digital Photo studio
- 11) Dry Cleaning
- 12) Audio and video shooting/editing and servicing centre

- 13) Offset Printing
- 14) Restaurant / Hotel
- 15) Mobile Repairing
- 16) Xeroxing
- 17) DTP/Software development
- 18) Tent House

3.10 Potential for new MSMEs

Taking into the consideration of availability of raw material and local demand, the following resource based and demand based MSMEs are suggested.

- 1. Plantation and extraction of herbal Ayurvedic medicines and cosmetics.
- 2. Cold Storage/Rural Godown
- 3. Mini Sponge Iron Plant
- 4. Iron Ore Crusher
- 5. Foundry/Forging/mechanical engineering unit
- 6. Aluminium Casting Unit
- 7. Packaged Mineral Water
- 8. Agricultural Implements
- 9. Flyash bricks
- 10. Rice Mill
- 11. Chuda Mill
- 12. Dal Mill
- 13. Frozen Meat
- 14. Diary Products
- 15. Dry Mushroom Processing
- 16. Sauce, Pickle, Jam and Jelly
- 17. Mechanised Bakery
- 18. Cattle and Poultry Feed
- 19. Aluminium Utensil
- 20. Sheet Metal Works
- 21. Structural Fabrication'
- 22. Pressure and non pressure vessel
- 23. Aluminium pipe and fitting
- 24. Stone Crusher
- 25. PSC Pole
- 26. RCC Spon pipe
- 27. Smokeless coal
- 28. Coal washery
- 29. Cement Hollow Bricks
- 30. Lime

- 31. Glazed Tile
- 32. PVC Pipe
- 33. Plastic Bottle and Jar
- 34. Disposable syringe
- 35. Leaf Cup and Plate
- 36. Bamboo and Cane Product
- 37. Phenyl
- 38. Bleaching Powder
- 39. Alum
- 40. Cement Paints and Varnish
- 41. Industrial Grease
- 42. Pharmaceutical gauge and bandage
- 43. Agarbati
- 44. Washing powder/detergent powder
- 45. Paper bag
- 46. Register and book binding
- 47. Readymade Garment
- 48. School uniform/embroidery/wool knitting
- 49. Powerloom
- 50. Voltage Stabiliser
- 51. Electrical Cable
- 52. Lemongrass Oil

4. Existing Clusters of Micro & Small Enterprise

4.1 DETAIL OF MAJOR CLUSTERS

4.1.1 Manufacturing Sector

- 1. Flyash Bricks Cluster at Angul
- 2. Aluminium based downstream industry at Anugul

Handicraft Sector:

- 1. Terracota Cluster at i) Chheliapada ii)Jarapada Bagapalli and Manhiva, iii) Silatapada and Kutumdala, iv) Saintala, v) Titlagarh
- 2. Dhokra Casting at Kishore Nagar
- 3. Bamboo Craft at Ogi
- 4. Cane and Bamboo at Paktunga
- 5. Brass and Bell Metal at Tubey

4.1.2 Service Sector

1. Engineering Cluster at Angul

Details for Identified cluster

4.2.1 Name of the cluster(Engineering Cluster at Angul)

1	Principal Products Manufactured in the Cluster	Fabrication, lathe works, Engg
	1	workshop etc.
2	Name of the SPV /Implementing Agency	Angul Engineering Cluster ,Anugul
3	No. of functional units in the clusters	20
4	Turnover of the Clusters	3.6 crores (approximately)
5	Value of Exports from the Clusters	Nil.
6	Employment in Cluster	180
7	Average investment in plant & Machinery	10.0 lakh
8	Major Issues / requirement	1Non availability of skilled worker 2-Procurement of Raw material 3- Tech upgradation 4- Access for marketing to the govt organization/PSUs
9	Presence of capable institutions	District Industries Centre, Angul
10	Thrust Areas	1-Procurement of Raw material 2- Tech upgradation 3- Marketing to the govt organization/PSUs
11	Problems & constraints	a) Availabity of Raw matterialb) Frequent disruption of Powerc) Dominance of the un organized sector

Present status of the cluster:-

There are 20 nos. of units registered in DICs, the cluster for which DSR has been prepared under MSE- CDP Schemes. Exposure visit of the entrepreneur already conducted. Soft intervention is under process.ed.

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

- 1. Lack of awareness among Branch level Bankers as well as entrepreneur on CLCSS Sheme.
- 2. Lack of awareness among entrepreneur on CGTMSE Sheme and also non acceptance by Bankers for the proposal of new entrepreneurs.
- 3. Single window system is not effective.
- 4. Though there is enough scope for ancillarisation, mother plants of the state are not interested for the local products, for which Govt. intervention is required.

- 5. Lack of interest among Bankers to support/rehabilitation of potential micro and small units
- 6. As a number of large projects are under pipeline, there need an effective ancillary/purchase policy.

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)	District Industries Centre, Near Panchayat industries square, Anugul.
2.	Identification of Project Profiles, techno- economic and managerial consultancy services, market survey and economic survey reports.	MSME Development Institute, Govt. of India, College Square, Cuttack and District Industries Centre, , Near Panchayat industries square, Anugul.
3.	Land and Industrial shed	IDCO, IPICOL House, Janpath, Bhubaneswar
4.	Financial Assistance	 All Nationalized Bank Director, KVIC, Gandamunda, Bhubaneswar/Budharaja Ainthapally, Sambalpur Secy, KVIB, Near Ram Mandia, Bhubaneswr GM, SIDBI, OCHC Building, Uni-III, Bhubaneswar

		5. MD,OSFC,Cuttack.
5.	For raw materials under	1. MD, OSIC, Khapuria, Cuttack
	Govt. Supply	2. Senior Branch Manager, NSIC, DIC Campus,
		Rasulgarh IE,Bhubaneswar.
6.	Plant and machinery	Senior Branch Manager, NSIC, DIC Campus, Rasulgarh
	under hire / purchase basis.	IE,Bhubaneswar.
7.	Power/ Electricity	O/o. the SDO, CESCO, Anugul
8.	Technical Know –how.	MSME Development Institute, Govt. of India, College Square, Cuttack
9.	Quality & Standard	1. Bureau of Indian Standards, Govt. of India, 62/63,
		Ganga Nagar, Bhubaneswar
		Director, National Productivity Council, A/7, Surya Nagar, Bhubaneswar
10.	Marketing /Export	MSME Development Institute, Govt. of India,
	Assistance	College Square, Cuttack
		2. Director, EPM, Asoka Market, Bhubaneswar
		3. Export Credit Guarantee Corporation, Saheed
		Nagar, Bhubaneswar
		4. Senior Branch Manager, NSIC, Link Road, Cuttack
11.	Other Promotional Agencies	 MD, APICOL, Near Baramunda Bus Stand, Bhubaneswar
		2) Director, Horticulture, Udyan Bhavan, Nayapalli,
		Bhubaneswar/Horticulturist, Phulbani.
		3) Director, Animal Husbandry & Veterinary Services,
		Mangalabag, Cuttack/CDVO, Kandhamal.4) Director, Handicraft & Cottage Industries, Saheed
		Nagar, Bhubaneswar
		5) Director of Textiles, Satya Nagar, Bhubaneswar.
		6) Director of Fisheries, Jobra, Cuttack/District
		Fisheries Officer, Phulbani
		7) Coconut Development Board, Nayapalli,
		Bhubaneswar
		8) Coir Board, Jagamara, Bhubaneswar
		9) Principal Chief Conservator of Forest, Aranya Bhavan, Chandrasekharpur, Bhubaneswar/DFO,
		Anugul
		l ,
