

Uttarakhand

NOVEMBER
2011

THE SPIRITUAL SOVEREIGN OF INDIA



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Uttarakhand

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THE SPIRITUAL SOVEREIGN OF INDIA

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- ❖ Uttarakhand – An Introduction
- ❖ Infrastructure Status
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Uttarakhand Factfile



Source: Maps of India

- Uttarakhand is located at the foothills of the Himalayan mountain ranges. The state shares border with China (Tibet) in the North and Nepal in the East and inter-state boundaries with Himachal Pradesh in the West, Northwest and Uttar Pradesh in the South.
- Hindi, Garhwali and Kumaoni are commonly spoken in the state. English is the medium of education in many of its schools.

→ Uttarakhand has diverse geographical features ranging from snow-capped mountain peaks in the North to tropical forests in the South; its climate and vegetation vary accordingly.

→ The state was formed in November 2000 by carving out the 13 hill-districts of Uttar Pradesh. Formerly named Uttaranchal.

Parameters	Uttarakhand
Capital	Dehradun
Geographical area (sq km)	53,483
Administrative districts (No)	13
Population density (persons per sq km)*	189
Total population (million)*	10.11
Male population (million)*	5.15
Female population (million)*	4.96
Sex ratio (females per 1,000 males)*	963
Literacy rate (%)*	79.6

Sources: Uttarakhand at a glance, 2010-11,
Directorate of Economics and Statistics,
*Provisional Data – Census 2011

Uttarakhand in Figures ... (1/2)

Parameter	Uttarakhand	All-States	Source
Economy			
GSDP as percentage of all states' GSDP	1.0	100	CMIE, as of 2009-10, current prices
Average GSDP growth rate (%)*	20.1	15.5	CMIE, 2004-05 to 2009-10, current prices
Per capita GSDP (US\$)	1,346.9	1,302.4	CMIE, as of 2009-10, current prices
Physical Infrastructure			
Installed power capacity (MW)	2,455.2	173,626.4	Central Electricity Authority, as of March 2011
GSM cellular subscribers (No)	86,780,699^	618,284,322	Cellular Operators Association of India, as of September 2011
Broadband subscribers (No)	568,936^	10,737,850	Ministry of Communications & Information Technology, as of November 2010
National Highway length (km)	2,042	70,934	Ministry of Road Transport & Highways, Annual Report 2010-11
Airports (No)	2	133	Airport Authority of India

*Calculated in Indian Rupee Terms

^Includes Uttar Pradesh

Uttarakhand in Figures ... (2/2)

Parameter	Uttarakhand	All-States	Source
Social Indicators			
Literacy rate (%)	79.6	74.0	Provisional Data – Census 2011
Birth rate (per 1,000 population)	19.7	22.5	SRS Bulletin, 2009
Investment			
FDI equity inflows (US\$ billion)	0.2*	132.9	Department of Industrial Policy and Promotion, April 2000 to April 2011
Outstanding investments (US\$ billion)	81.2	7449.3	CMIE (2009-10)
Industrial Infrastructure			
PPP projects (No)	3	808	www.pppindiaatabase.com
SEZ (No)	1	380	Notified as of October 2011, www.sezindia.nic.in

PPP: Public Private Partnership, SEZ: Special Economic Zone, SRS: Sample Registration System
*Including Uttar Pradesh

Advantage Uttarakhand ... (1/2)

Abundant Natural Resources

Uttarakhand has abundant natural resources as the state has hills and forests. It has abundant water resources, favouring hydro power generation. The agro-climatic conditions also support horticulture-based industries.

Policy and Fiscal Incentives

The state offers a wide range of benefits in terms of interest incentives, financial assistance, subsidies and concessions.

Location Advantage

The state is close to the National Capital Region (NCR) of Delhi, a leading market of the country. It also has excellent connectivity with the neighboring states.

Advantage Uttarakhand ... (2/2)

Facilitating Infrastructure

The state has well-developed social and industrial infrastructure as well as virtual connectivity. It has good power, airport, rail and road infrastructure. The state has over 33,000 km of road network, 2 domestic airports, 345 km of rail routes and an installed power capacity of 2,455.2 MW.

Adequate Labour Pool

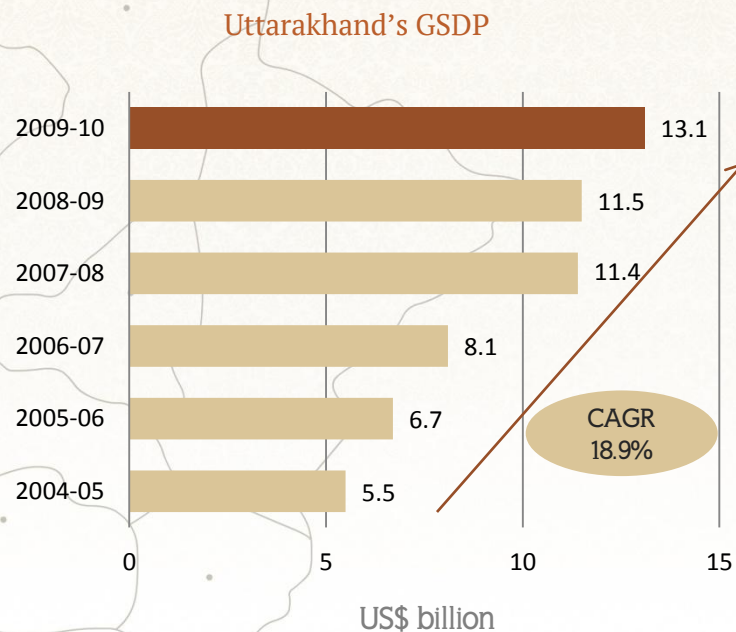
The average level of literacy is high level in the state. A large pool of talented human resource is available here as Uttarakhand has some of the leading educational institutions in the country.

Stable Political Environment

The state has a stable political environment with successive governments that have been committed towards creating a progressive business environment.

Economic Snapshot – GSDP

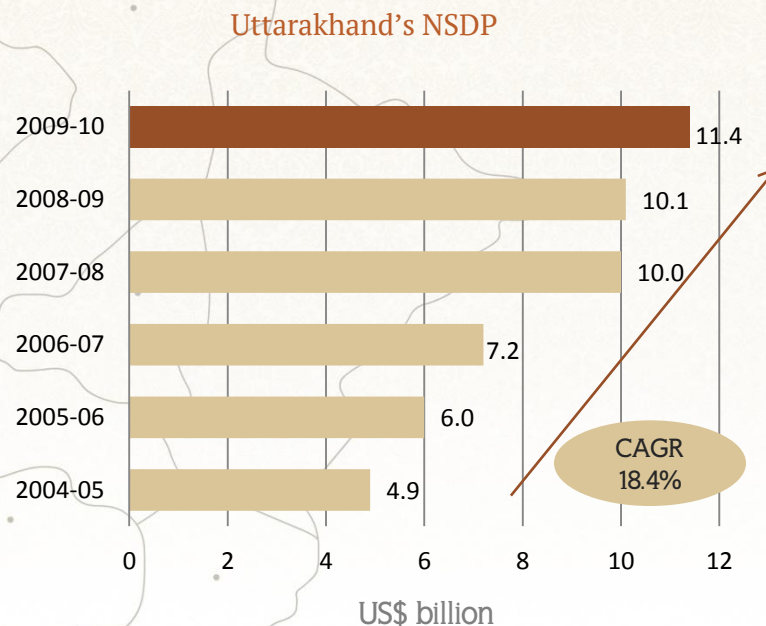
- At current prices, the Gross State Domestic Product (GSDP) of Uttarakhand was about US\$ 13.1 billion in 2009-10.
- Between 2004-05 and 2009-10, the average annual GSDP growth rate was 18.9 per cent.



Source: CMIE

Economic Snapshot – NSDP

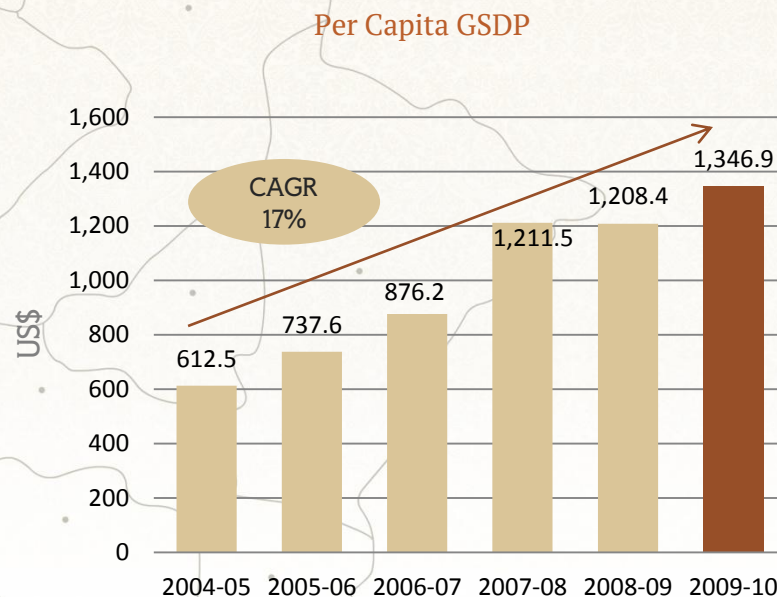
- The total Net State Domestic Product (NSDP) of Uttarakhand was about US\$ 11.4 billion in 2009-10.
- The average NSDP growth rate was 18.4 per cent between 2004-05 and 2009-10.



Source: CMIE

Economic Snapshot – Per Capita GSDP

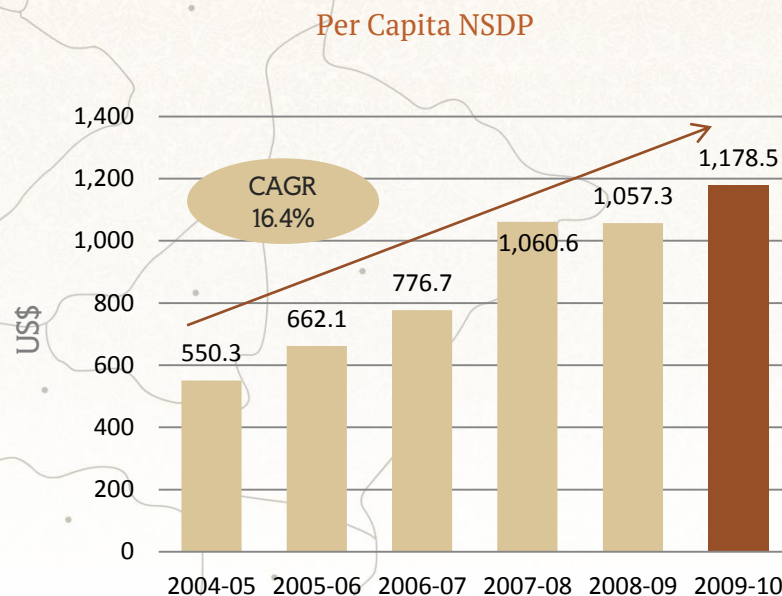
- In 2009-10, the state's per capita GSDP was about US\$ 1,346.9.
- The per capita GSDP increased at a CAGR of 17 per cent between 2004-05 and 2009-10.



Source: CMIE

Economic Snapshot – Per Capita NSDP

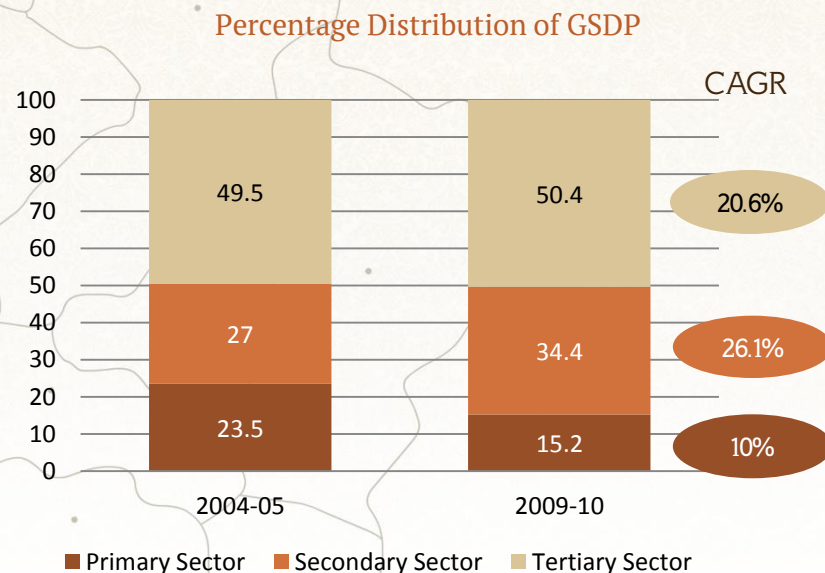
- In 2009-10, the state's per capita NSDP was about US\$1,178.5.
- The per capita NSDP increased at a CAGR of 16.4 per cent between 2004-05 and 2009-10.



Source: CMIE

Economic Snapshot – Percentage Distribution of GSDP

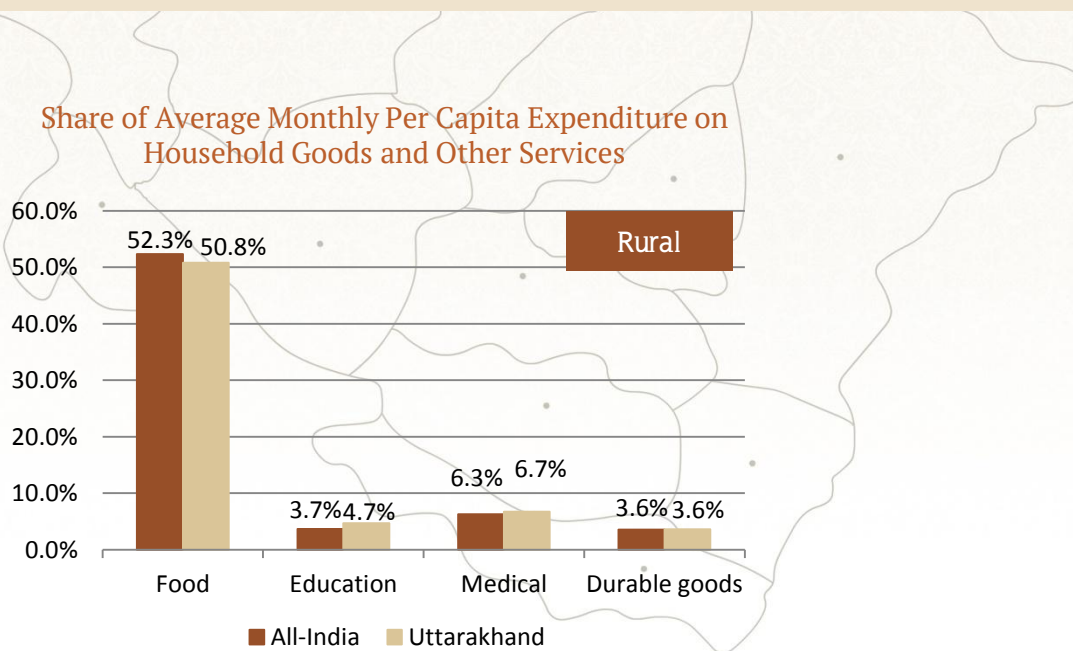
- The tertiary sector's share in GSDP was 50.4 per cent in 2009-10. Trade, hotels and restaurants – the largest sub-group of the sector – registered a growth of 15.7 per cent over the previous year.
- The secondary sector had fastest growth of 26.1 per cent followed by tertiary sector (20.6 per cent) and primary sector (10 per cent) between 2004-05 to 2009-10.
- The share of the secondary sector in GSDP was 34.4 per cent in 2009-10; its growth was mainly driven by manufacturing, which recorded a growth of 34.1 per cent between 2004-05 and 2009-10.



Source: CMIE

Economic Snapshot – Consumer Expenditure on Household Goods and Services

- Rural Uttarakhand is ahead as compared to all-India in share of per capita expenditure on education.
- With regards to share of expenditure on medical and durable goods, the state is comparable to the all-India level.



Source: Household Consumer Expenditure in India, 2007-08
NSS 64th Round

Economic Snapshot – Agricultural Production

- Sugarcane, wheat, rice and potato are the key agricultural products of the state.
- In 2009-10, the total food grain production of the state was around 1.7 million tonnes.
- Sugarcane was the major crop in the state with production of about 5 million tonnes in 2009-10.
- The production of oilseeds and pulses during the year 2009-10 was estimated as 32,185 tonnes and 42,138 tonnes.

Crop	Annual Production in 2009-10 (Provisional) ('000 tonnes)
Sugarcane	5,061
Wheat	845
Rice	613
Potato	432
Pulses	42
Onion	40
Soybean	17

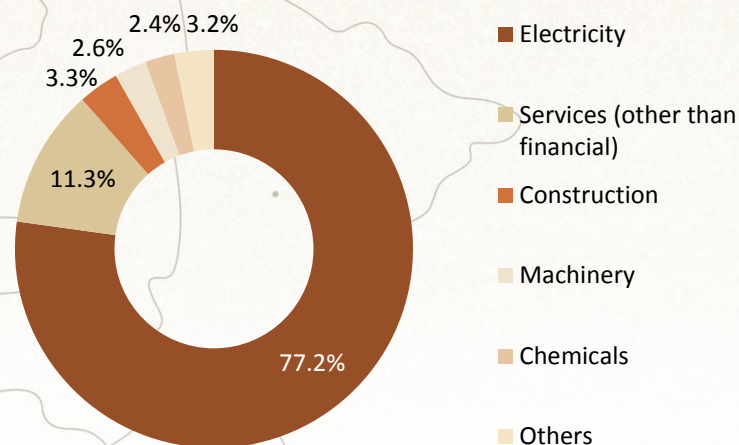
Sources: Statistical Diary, Uttarakhand, 2009-10, Directorate of Economics & Statistics, National Horticulture Board

Economic Snapshot – FDI Inflows & Investments

- According to the Department of Industrial Policy & Promotion, the cumulative FDI inflows from April 2000 to April 2011 amounted to US\$ 233 million*.
- In 2009-10, outstanding investments in the state were US\$ 81.2 billion.
- Of the total outstanding investments, the electricity sector accounted for around 77.2 per cent.

*Including Uttar Pradesh

Break up of Outstanding Investments by Sector (2009-10)



Others include food & beverages, textiles, non-metallic mineral products, metals & metal products and irrigation

Source: CMIE

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Physical Infrastructure – Roads



Source: Maps of India

- Total road network in the state was 33,914.7 km in 2009-10. According to Ministry of Road Transport & Highways, National Highways running through the state had a total length of 2,042 km.
- State Highways length was 1,575.5 km, Major district road length was 567.8 km and village roads totaled to 12,375.6 km in 2009-10.
- As of October 2011, there were 2 Public Private Partnership (PPP) projects in the road sector that are under construction.

Road Type	Road Length (km)
National Highways	2,042
State Highways	1,575.5
Major District Roads	567.8

Sources: Uttarakhand at a Glance 2010-11,
Ministry of Road Transport & Highways,
Annual Report 2010-11

Physical Infrastructure – Railways



Source: Maps of India

- Uttarakhand had 345 km of rail routes in 2009-10.
- The state is focussing on increasing the share of railways in cargo and passenger transport.
- Initiatives have been made to start monorails at Dehradun, Haridwar and Rishikesh, on the inter-city linkage routes.
- The main railway stations are Dehradun, Haridwar, Roorkee, Kotdwar, Kashipur, Udham Singh Nagar, Haldwani, Ramnagar and Kathgodam.

Physical Infrastructure – Airports



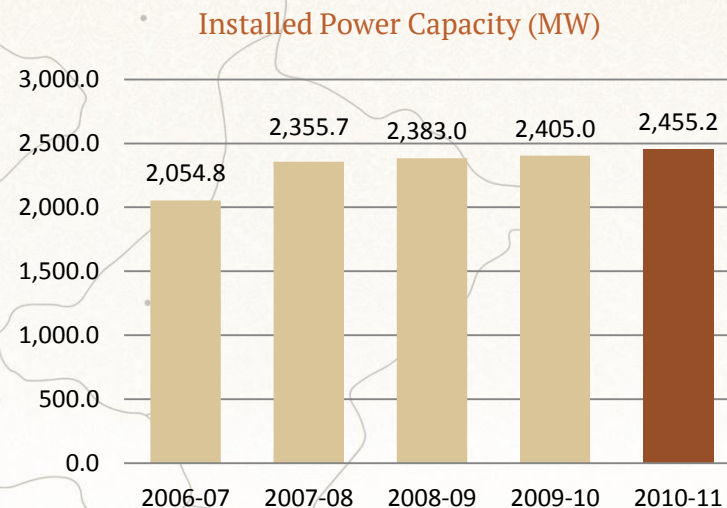
Domestic Airport

Source: Maps of India

- The state has two domestic airports: one at Jolly Grant in the Dehradun district and another at Pant Nagar in the Udham Singh Nagar district.
- All flights connect the state to Delhi.
- Up-gradation work is underway at the Jolly Grant airport with the coordination of Airport Authority of India.
- Because of the hilly terrain, the Government has proposed the construction of at least, one helipad per district.
- The state intends to position air-transport as a reliable all-weather transport option for the hills.

Physical Infrastructure – Power ... (1/3)

- As of March 2011, the state had an installed power generation capacity of 2,455.2 MW which consisted of 1,386.2 MW under state utilities, 656.9 MW under centre utilities and 412.0 MW under private sector.
- The installed power capacity in the state has increased from 2,054.8 MW in 2006-07 to 2,455.2 MW in 2010-11.
- The state is in the process of implementing and testing the public private partnership model in the power sector with an input-based franchisee system.



Source: Central Electricity Authority

Physical Infrastructure – Power ... (2/3)

- The Uttarakhand Power Corporation Limited (UPCL), was established to look after electricity transmission and distribution in the state after Uttarakhand's separation from Uttar Pradesh in 2000.
- The transmission function was later entrusted to Power Transmission Corporation of Uttarakhand Limited (PTCUL).
- Uttarakhand Jal Vidyut Nigam Limited (UJVNL) controls the state hydro power generation.
- The state's power sector is regulated by the Uttarakhand Electricity Regulatory Commission (UERC).

Structure of Power Utilities of Uttarakhand	
Activity	Company Name
Power Generation	Uttarakhand Jal Vidyut Nigam Limited (UJVNL)
Power Transmission	Power Transmission Corporation of Uttarakhand Limited (PTCUL)
Power Distribution	Uttarakhand Power Corporation Limited (UPCL)

Source: Uttarakhand Power Corporation Limited

Physical Infrastructure – Power ... (3/3)

- Uttarakhand is being developed as an 'Energy State' to tap its huge Hydro Electric Power (HEP) potential of over 25,450 MW.
- Uttarakhand has also supported the development of alternate sources of power generation such as solar energy and energy from bio-gas plants. A state-level energy park has also been established in Dehradun.
- Industry is a major power consumption segment followed by domestic consumers in the state.

Projects Under Operation in Uttarakhand State

Under State	34
Under Centre	3
Under Private Sector	8

Physical Infrastructure – Telecom

- The state has well-developed communication network including both wired- and wireless-connectivity. According to Department of Telecommunications, Government of India, the state had 244,622 wire-line subscribers and 1,296,593 wireless subscribers as of December 2010.
- As of December 2010, the state had 481 telephone exchanges.
- Uttarakhand State Wide Area Network (USWAN) is operational in the state.
- Some of the Key projects under Information Technology Development Agency (ITDA) Uttarakhand are National e-Governance Plan (NeGP) Capacity Building Project, Common Service Centre (CSC) and State Data Centre (SDC).

Telecom Infrastructure (2009-10)	
GSM Cellular Subscribers*	86,780,699
Wireless Subscriber Base^	1,296,593
Wire-line Subscriber Base^	244,622
Telephone Exchanges^	481
Broadband Subscribers**	568,936
Post Offices	2,715
BSNL Mobile Phone Connections	984,397
BSNL Telephone Connections (including wireless local loop)	379,226
Telegraph Offices	4
Public Call Offices (PCOs)^	9,473

Sources: Cellular Operators Association of India, Department of Telecommunications, Annual Report 2010-11, Uttarakhand at a glance, 2010-11,

^ As of December 2010

*As of September 2011, includes Uttar Pradesh

**As of November 2010, includes Uttar Pradesh

Development Projects: Urban Infrastructure

- There is a focussed effort to ensure supply of good quality drinking water. The State Government is encouraging traditional methods of water harvesting like *nauley, dharey, chal and khal*.
- The Uttarakhand government is in the process of developing total sanitation systems for villages in the state.
- Partial sewerage arrangements have been provided for one-third of the towns in the state.
- Under the Jawaharlal Nehru National Urban Renewal Mission (JNNURM), 10 projects costing US\$ 79.8 million have been sanctioned for Dehradun, Nainital and Haridwar.
- The projects were sanctioned between 2007 and 2010. Some of the key areas of development are roads and flyovers, water supply, sewerage and solid-waste management.

Source: JNNURM, Ministry of Urban Development

Drinking Water Supply in Uttarakhand (2009-10)

Inhabited villages covered	15,545
Population covered (million)	6.2
Scarcity villages	2
Scarcity hamlets	
Not covered	2,638
Partly covered	8,514

*Source: Uttarakhand at a Glance, 2010-11,
Directorate of Economics and Statistics*

Development Projects: Public Private Partnership Projects

Project Name	Sector	PPP Type	Project Cost (US\$ million)	Stage
Muzaffarnagar-Haridwar	Roads	BOT-Toll	159.0	Under Construction
Haridwar-Dehradun	Roads	BOT-Annuity	100.8	Under Construction
Sarju Valley Hydel Project	Energy	BOT	9.4	Under Construction

BOT: Build-Operate-Transfer
Source: pppindiadatabase.com

Social Infrastructure – Education ... (1/2)

- Uttarakhand is home to some of the country's best institutes of higher education, which include:
 - GB Pant University of Agriculture and Technology, Pantnagar.
 - Indian Institute of Technology, Roorkee.
 - Forest Research Institute, Dehradun.
 - GB Pant Institute of Himalayan Environment and Development, Almora.
 - Rural Biotechnology Complex in Kosi.
 - Herbal Research and Development Institute, Gopeshwar.

Basic/Secondary Education (2009-10)	
Number of Schools and Colleges	22,379
Number of Students	2,381,594
Number of Teachers	80,421

Higher Education	
Number of Institutions	122
Number of Students	163,996
Number of Teachers	1,684

Vocational and Technical Education	
Industrial Training Institutes	106
Polytechnics	37
Distant Institute of Education and Training Centres	13

Source: Uttarakhand at a Glance, 2010-11,
Directorate of Economics and Statistics

Social Infrastructure – Education ... (2/2)

- The state has a literacy rate of 79.6 per cent according to the provisional data of Census 2011; the male literacy rate is 88.3 per cent and the female literacy rate is 70.7 per cent.
- The state has 122 higher education institutions, 106 Industrial Training Institutes (ITIs) and 37 polytechnic colleges. There are about 163,996 students in the higher education institutions.
- There are 13 distant institutes of education and training centres in the state.

Literacy Rates (%)	
Literacy Rate	79.6
Male Literacy	88.3
Female Literacy	70.7

Source: Census 2011 (provisional data)

Government Degree Colleges in Uttarakhand
Government P G College, Ranikhet
Pt. L M S Government P G College, Rishikesh
L S M Government P G College, Pithoragarh
Ram Chandra Uniyal P G College, Uttarkashi
Government P G College, Bageshwar
Government P G College, Gopeshwar
Government P G College, Lohaghat

P G: Post-Graduate

Social Infrastructure – Health ... (1/2)

- The state has a good network of hospitals and health centres.
- The state has 250 Primary Health Centres (PHCs), 55 Community Health Centres (CHCs), 12 District-Level Hospitals, 3 Base Hospitals and 322 State Allopathic Hospitals as of 2009-10.

Family Welfare Services (2009-10)	
Women and Child Welfare Centres	2
Main Centres	84
Women and Child Welfare Sub-Centres	1,765

Health Infrastructure (2009-10)	
District Level Hospitals	12
Base Hospitals	3
Primary Health Centres (PHCs)	250
Community Health Centres (CHCs)	55
State Allopathic Hospitals	322
Joint Hospitals, Hospitals for Women	39
Tuberculosis Hospital and Clinics	18
Leprosy Hospitals	3
Beds in Government Hospitals	8,075

Source: Uttarakhand at a Glance, 2010-11,
Directorate of Economics and Statistics

Social Infrastructure – Health ... (2/2)

- In the Eleventh Five-Year Plan (2007-2012), the Directorate of Medical Health and Family Welfare aims to achieve the goal of 'Health for All'.
- To fulfil this goal the Directorate has decided to:
 - Provide medical health services in the remotest blocks; establish 3,080 new Sub-centres, 275 new Primary Health Centres (PHCs) and 35 new Community Health Centres (CHCs).
 - Provide neo-natal care services to neonates. A neo-natal intensive care unit to be established in each district.
 - Establish and strengthen emergency services in 10 district hospitals situated along national road routes.
 - Strengthen capacity of paramedical staff and training nurses; a nursing institute to be established in Dehradun to provide nurse training courses.

Other Hospitals in Uttarakhand as of 2009-10

Homeopathic Hospitals and Dispensaries	107
Ayurvedic Hospitals	540
Unani Hospitals	5

Source: Uttarakhand at a Glance, 2010-11, Directorate of Economics and Statistics

Key Hospitals in Uttarakhand

Doon Hospital, Dehradun
St. Mary Hospital, Mussoorie
Coronation Hospital, Dehradun
G.B. Pant Hospital, Nainital
B.D. Pandey Hospital, Nainital
J.L.N. District Hospital, Rudrapur

Cultural Infrastructure

- There are numerous avenues for recreation in the state, particularly, in key cities such as Dehradun, Nainital and Mussoorie.
- There is a Botanical Museum in Forest Research Institute in Dehradun.
- The Indian Military Academy has museum, library, war memorial, arms and ammunition, shooting demonstration room, and 18-hole golf course. There is another popular golf course, located in Ranikhet.
- There are several heritage hotels such as the Chevron Rosemount, Chevron Fairhavens and the Ramgarh Bungalows.
- Besides, there are a number of unique entertainment and adventure avenues including wildlife resorts like Solluna resort in Nainital, Quality Inn Corbett Jungle Resort, and Tiger Camp: Camp Forktail Creek in Jim Corbett Park.

Major Hotels in Uttarakhand

Hotel Jaypee Residency Manor, Mussoorie

Hotel Honeymoon Inn, Mussoorie

Claridges Naini Retreat, Nainital

Hotel Madhuban, Dehradun

Youth Hostels in Uttarakhand

Hotel Yash, Pithoragarh

Hotel Yash, Dharchula

Hotel Sheela, Nainital

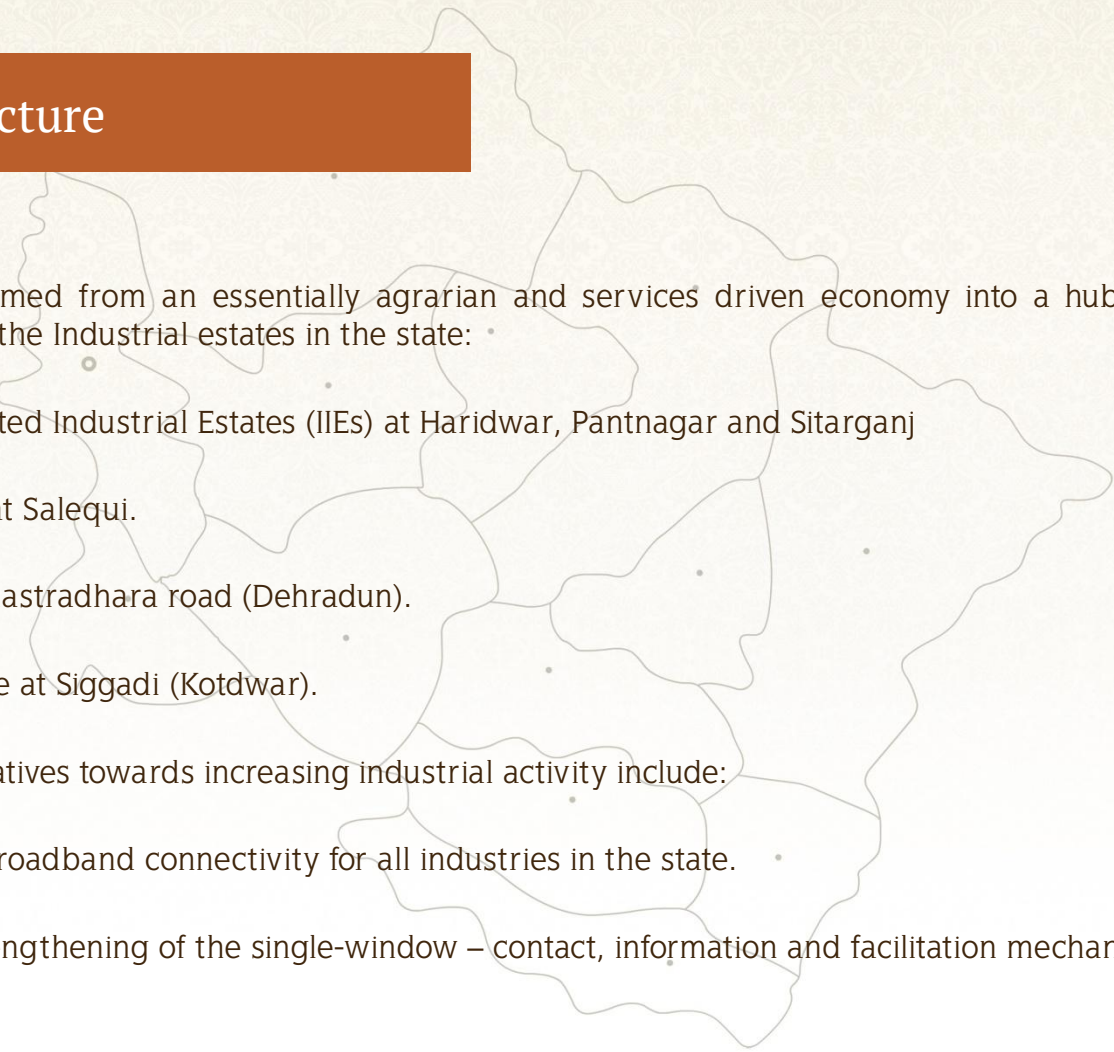
Hotel Saina Inn, Dehradun

O.G.S Tourist Home, Rishikesh

Youth Hostel, Ranikhet

Hotel Jim Corbett (youth hostel), Jim Corbett

Industrial Infrastructure

- 
- The state has transformed from an essentially agrarian and services driven economy into a hub of industrial activity. Following are the Industrial estates in the state:
 - Three Integrated Industrial Estates (IIEs) at Haridwar, Pantnagar and Sitarganj
 - Pharma City at Salequi.
 - IT park at Sahastradhara road (Dehradun).
 - Growth centre at Siggadi (Kotdwar).
 - Some of the other initiatives towards increasing industrial activity include:
 - Provision of broadband connectivity for all industries in the state.
 - Proposed strengthening of the single-window – contact, information and facilitation mechanism.

Industrial Infrastructure - Industrial Estates ... (1/3)

Estate Name	Location	Size	Financial Incentives	Proposed Industries
Integrated Industrial Estate – Haridwar	3 km from Delhi-Haridwar National Highway (NH)	2,034 acres	• 100 per cent central excise exemption for 10 years. • 100 per cent income tax exemption for first five years and 30 per cent for next five years. • Central Sales Tax (CST) at the rate of 1 per cent for five years. • Capital investment subsidy at the rate of 15 per cent, subject to a maximum of US\$ 65,832	• Cosmetics and allied units. • Plastic and allied units. • Apparel and allied units. • Agro, food and allied units. • Pharmaceuticals. • Electrical, electronics and allied units. • Institutional, commercial and allied units.
Integrated Industrial Estate – Pantnagar	NH-87	3,339 acres	• 100 per cent central excise exemption for 10 years. • 100 per cent income tax exemption for first five years and 30 per cent for next five years. • CST at the rate of 1 per cent for five years. • Capital investment subsidy at the rate of 15 per cent, subject to a maximum of US\$ 65,832.	• Cosmetics and allied units • Plastic and allied units • Apparel and allied units • Agro, food and allied units • Pharmaceuticals • Electrical, electronics and allied units • Furniture hub • Institutional, commercial and allied units

Source: State Infrastructure and Industrial Development Corporation of Uttarakhand Limited

Industrial Infrastructure - Industrial Estates ... (2/3)

Estate Name	Location	Size	Financial Incentives	Proposed Industries
Pharma City, Salequi Industrial Area, Dehradun	25 km from Dehradun	50 acres	• 100 per cent exemption from central excise for 10 years. • 100 per cent income tax exemption for first five years and 30 per cent for next five years. • CST at the rate of 1 per cent for five years. • Capital investment subsidy at the rate of 15 per cent, subject to a maximum of US\$ 65,832.	• Pharmaceutical formulation units to be given preference.
Sigaddi Growth Centre	120 km from Dehradun	100 acres	• 100 per cent central excise exemption for 10 years. • 100 per cent income tax exemption for first five years and 30 per cent for next five years. • CST at the rate of 1 per cent for five years. • Capital investment subsidy at the rate of 15 per cent with a maximum of US\$ 65,832.	• Thrust sector industries only.

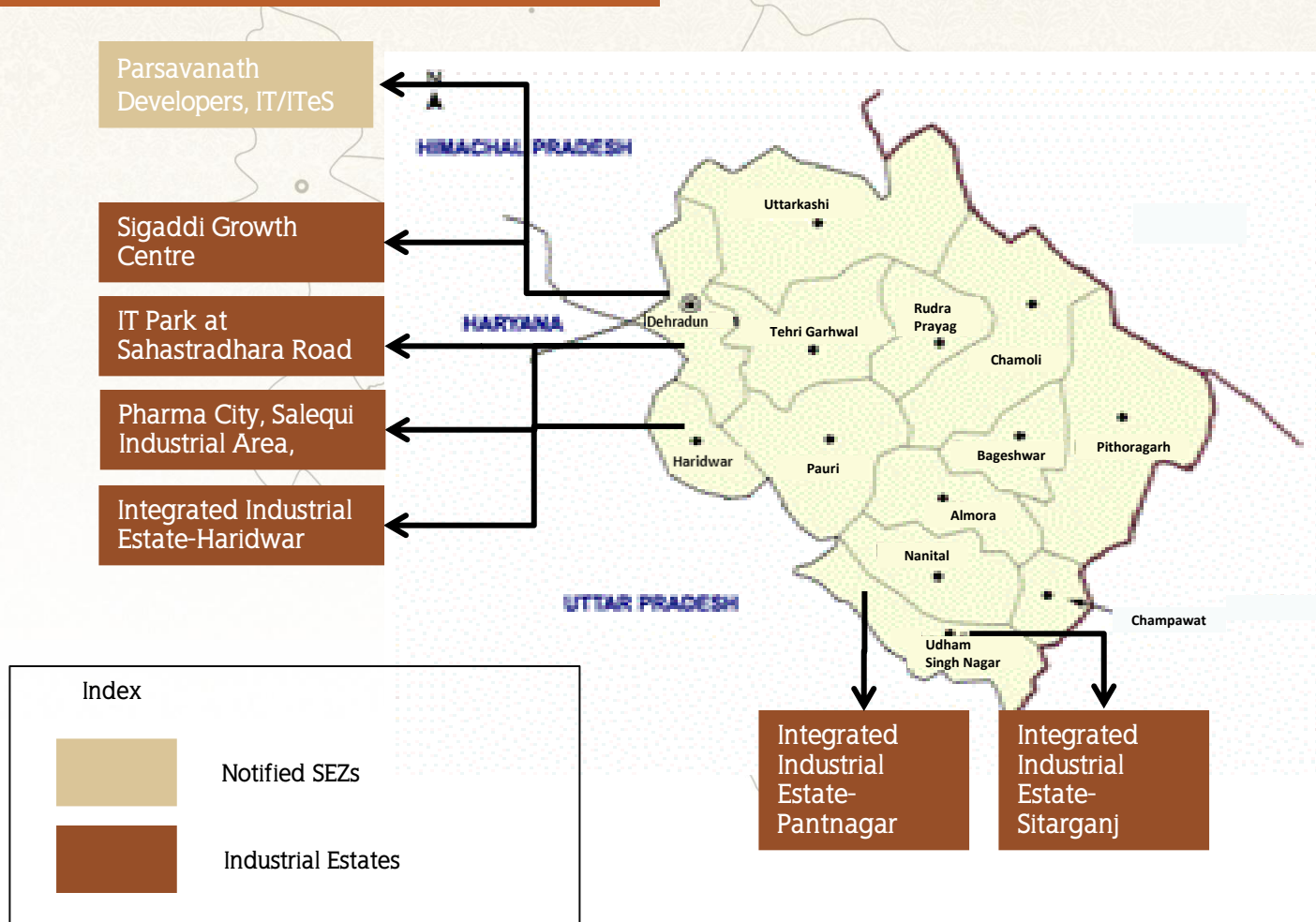
Source: State Infrastructure and Industrial Development Corporation of Uttarakhand Limited

Industrial Infrastructure - Industrial Estates ... (3/3)

Estate Name	Location	Size	Proposed Facilities
State-of-the-art IT park	Sahastradhara Road	60 acres	• Ready-to-occupy, hi-tech, intelligent building. • Developed plots of varying sizes. • Academic zone for educational and research organisations. • Software Technology Parks of India (STPI) incubation centre to promote local entrepreneurs. • Large tracts of land to be devoted to green areas and open spaces. • Habitat centre to cater to business support and recreational needs of the occupants. • Other support facilities such as conference hall, training centres, guest house, travel and foreign exchange service, banks and automated teller machine (ATM), multi-cuisine food court, health-club with gym, medical centre, serviced apartments, library and information bureau, indoor and outdoor sport facilities such as squash, tennis, badminton courts and billiards.

Source: State Infrastructure and Industrial Development Corporation of Uttarakhand Limited

Industrial Estates and IT Parks in Uttarakhand



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Key Industries

- The natural resources, policy incentives and infrastructure in the state support investments in the drugs and pharmaceuticals, biotechnology, IT/ITeS, mines and minerals, textiles, leather and tourism sectors.
- Uttarakhand has been successful in attracting long-term investments because of its key industrial and sector-specific policies.
- Developing appropriate infrastructure has also been a key strategy of the state to attract investments in various industries.

Key Industries in Uttarakhand

- Agro-based Industry and Food Processing
- Information and Communications Technology (ICT)
- Floriculture
- Horticulture
- Pharmaceuticals and Biotechnology
- Hydro Power
- Tourism

Key Players



Key Industries – ICT Industry ... (1/2)

- Information and Communication Technology (ICT) has received special attention from the State Government and it has been accorded the status of Industry. Several initiatives have been taken to promote the ICT industry in Uttarakhand.
- With the establishment of the Software Technology Parks of India (STPI) earth station at Dehradun, Uttarakhand now offers high-speed connectivity. There are more such earth stations planned at other locations. Facilities by BSNL and Reliance are also available in the state.
- An IT development agency has been constituted by the State Government at Rajpur Road, Dehradun.
- An IT park has been set up at Dehradun, while the IT Incubation Centre has come up at Bhimtal.
- An IT park has been proposed for development, each, at Pant Nagar and Roorkee.

Some of the Key Players

- Hiltron
- HCL Infosystems
- Wipro Infotech
- Modi Infotech Services

Key Industries – ICT Industry ... (2/2)

Hiltron



- Hiltron initially worked to promote development of electronics and allied industries and services in Dehradun, Uttarakhand.
- It functions as an IT and communication service provider to the state under the administrative control of the department of IT.

HCL Infosystems



- HCL is among the largest vertically integrated IT manufacturing companies of India. The company reported revenues of US\$ 2.6 billion in 2009-10.
- It has its manufacturing facility at Rudrapur in the SIDCUL Industrial Estate, which has an overall capacity of 2 million personal computers per annum.

Wipro Infotech



- Wipro Infotech is a division of Wipro Limited. It provides enterprise customers with high-value IT products, software services, solutions and consulting services in India and the Middle-East.
- Wipro reported revenue of US\$ 6 billion in 2009-10.
- It has a unit at Kotdwar in Uttarakhand. The unit is spread over 5.8 acres of land with a built-up area of 75,000 sq ft.
- It has fully-automated production lines designed on Lean Manufacturing practice and houses product engineering and R&D labs for continuous innovation in products and processes.

Modi Infotech Services



- Modi Infotech is located in Haridwar. It is involved in the business of website designing, software development, web-hosting, web-advertising, ERP Solutions, e-commerce based application development and educational segment of the IT market.

Key Industries – Agro and Food Processing ... (1/2)

- Many Agri-Export Zones (AEZs) have already been declared under the AEZ scheme of Government of India for products such as leechi, horticulture, herbs, medicinal plants and basmati rice. Four AEZs and a biotech park near Pant Nagar are coming up in the state.
- Uttarakhand has been included in the difficult area category by the Ministry of Food Processing Industry (MoFPI) and hence units being set up in Uttarakhand are also eligible for higher incentives under the scheme of MoFPI.
- Fruits such as apples, oranges, pear, grapes peach, plum apricot, litchi, mangoes and guava are widely grown in the state and therefore have immense potential for development of horticultural crops and processing units.

- The State Government provides assistance in establishing small and medium-sized agro parks and food parks, which in turn are expected to provide common infrastructure facilities for storage, processing, grading and marketing.

Some of the Key Players

- Britannia Industries Ltd
- Nestle India Ltd
- PepsiCo
- KLA India Public Ltd

Key Industries – Agro and Food Processing ... (2/2)

Britannia Industries Ltd



- Britannia is one of India's leading food product companies, with an estimated 38 per cent market share. The principal activity of the company is the manufacture and sale of biscuits, bread, cakes and dairy products like cheese, butter and milk.
- It has a plant in the integrated industrial estate at Pantnagar. The plant is located in Integrated Industrial Estate (IIE) Pantnagar and the project cost incurred was US\$ 12.5 million. The company had revenues of US\$ 717.4 million in 2009-10 and employs almost 2,000 people, nationwide.

Nestle India Ltd



- Nestle is the world's largest and most diversified food company.
- It has around 281,005 employees worldwide, 443 factories in about 81 countries, offering over 8,000 products, globally. The company's Indian operations had revenues of US\$ 1.3 billion in 2010.
- In 2006, Nestle India commissioned its seventh factory at Pantnagar in Uttarakhand.

PepsiCo India



- PepsiCo established its business operations in India in 1989 and is now the fourth-largest consumer products company in India. The company reported revenues of US\$ 44.3 billion in 2009.
- It provides direct and indirect employment to 150,000 people and has 36 bottling plants in India, of which 13 are company-owned and 23 are franchisee-owned. There is a company-owned bottling plant in Bajpur, Uttarakhand, which has an installed capacity of 100,000 cases of soft drink per day.

KLA India Public Ltd



- KLA India Public Limited (formerly, KLA Rice India Public Limited) was initially involved in international trading in agricultural commodities. The company diversified into exports of minerals and metals and is exporting large quantities of iron-ore to China.
- Their rice processing unit, located at Rudrapur in Uttarakhand, was founded in 1977.

Key Industries – FMCG Industry ... (1/2)

- Proximity to key markets and supply centres of North India, further add to the attractiveness of the state as an investment destination.
- Pantnagar is a primary location for FMCG companies in the state.

Some of the Key Players

- ITC Ltd
- Dabur India Ltd
- CavinKare Private Ltd
- Hindustan Lever Ltd

Key Industries – FMCG Industry ... (2/2)

ITC Ltd



- ITC is one of India's foremost consumer goods companies, and is truly diversified with a product assortment ranging from cigarettes, apparel, personal-care products, and food products. The company is also one of the leading hoteliers in the country and is involved in agri-business.
- The company reported revenues of around US\$ 5.5 billion in 2009-10. It has established a manufacturing facility in Uttarakhand for producing soaps and shampoos. The plant, located at Integrated Industrial Estate (IIE) Haridwar, was set up with an investment of US\$ 27.4 million.

Dabur India Ltd



- Dabur is one of the leading consumer goods companies in India with a turnover of US\$ 720.5 million in 2009-10. It has 17 ultra-modern manufacturing units spread across the globe and its products have markets in over 60 countries.
- It has established a manufacturing facility in Uttarakhand. The company manufactures products for healthcare, personal-care and ayurvedic cosmetics segments. The plant located in IIE Pantnagar was set up with an investment of US\$ 10.7 million.

CavinKare Pvt Ltd



- CavinKare is a leading FMCG company in India. The company has an employee strength of 1,780, an all-India network of 1,300 stockists catering to about 2.5 million outlets.
- CavinKare Group has a turnover of US\$ 223 million in 2010-11. It has established a manufacturing facility at the IIE Haridwar in Uttarakhand. It manufactures products such as cosmetics, shampoos, creams and deodorants. The plant was built with an investment of US\$ 15.3 million.

Hindustan Unilever Ltd



- Hindustan Unilever Limited (HUL) is India's largest FMCG company in India. It recorded revenues of US\$ 3.8 billion during 2009-10.
- It has a state-of-the-art personal care products factory, set up with an initial investment of US\$ 28.5 million in State Infrastructure & Industrial Development Corporation of Uttarakhand Ltd (SIDCUL) IIE at Haridwar.

Key Industries – Engineering and Allied Industries ... (1/2)

- Many Indian and multi-national companies have established their manufacturing bases in Uttarakhand as a result of the state's emphasis on industrial and infrastructure development by providing incentives as well as easy availability of manpower.
- Many automobile and auto component companies have set up their manufacturing units and R&D centres in the state.
- BHEL is one of the oldest and most important companies in the engineering sector in the state. Tata Motors, Ashok Leyland, Hero Honda, and Mahindra and Mahindra are some of the well-known automotive companies that have set up units in the state.

Some of the Key Players

- Tata Motors Ltd
- Bharat Heavy Electricals Ltd (BHEL)
- Surya
- Polar Industries Ltd

Key Industries – Engineering and Allied Industries ... (2/2)

Tata Motors Ltd



- Tata Motors is one of the leading firms in the country in the automobile and engineering sector. The company reported consolidated revenues of US\$ 27 billion in 2010-11.
- It has set up its fourth plant in Uttarakhand. This plant in Pantnagar has been set up for manufacturing the firm's mini-truck named 'Ace'.

Bharat Heavy Electricals Ltd (BHEL)



- BHEL is one of the leading power generation equipment manufacturers in the world and reported revenues of US\$ 7.2 billion in 2009-10. It has installed equipment for over 1,00,000 MW of power generation for Utilities, Captive and Industrial users.
- BHEL also offers comprehensive service to its customers in the conventional and non-conventional sectors including energy, industry, transport, telecommunication and oil. BHEL, Ranipur, is a township developed by the company in the Haridwar district of the state.
- BHEL, Haridwar, has a campus of 7,000 acres, of which, 2,034 acres is home to 200 companies including Hero Honda, Maruti and ITC.

Surya Roshni Ltd



- Surya is among India's leading manufacturers of lighting products. The company is a leader in the exports of fluorescent tubes and has achieved high brand visibility in over 40 countries.
- In 1984, Surya set up its first factory for lighting products at Kashipur in Nainital. Its steel tube manufacturing plant is among the largest in Asia located at Bahadurgarh, Haryana.

Polar Industries Ltd



- Polar is a popular fan making company. It has established a manufacturing facility in Uttarakhand.
- The company manufactures electrical fans, water-lifting pumps, geysers, water purifiers and laminations. The plant, located in IIE Haridwar, was set up with an investment of US\$ 4.7 million.

Key Industries – Floriculture and Horticulture ... (1/2)

- Uttarakhand has several agro-geo-climatic zones making it particularly conducive to commercial horticulture and floriculture.
- The floriculture industry is being developed aggressively in order to meet the demand of domestic as well as foreign markets. The climate of the state makes it ideal for growing flowers all round the year.
- Floriculture parks with common infrastructure facilities for sorting, pre-cooling, cold chain, processing, grading, packing and marketing facilities have been planned in order to provide adequate incentives and facilities to the industry.

Key Player

- Uttarakhand Organic Commodity Board (UOCB)

Key Industries – Floriculture and Horticulture ... (2/2)

Uttarakhand Organic Commodity Board (UOCB)



- The Uttarakhand Organic Commodity Board (UOCB) is a government body founded in 2003.
- It is supported by the Government of Uttarakhand and is located in the Dehradun district of Uttarakhand.
- UOCB advises and assists the State Government in the overall strengthening and implementation of the institutional set up. It is also engaged in the production, processing, marketing and promotion of organic farming in the state.
- The Board also focuses on promoting organic farming in the fields of land use – agriculture, horticulture, animal husbandry, dairy, sericulture, apiculture, floriculture, herbs and medicinal plants, tea, fisheries, forest and all related areas – for the promotion and development of organic farming in the state, and networks and liaisons with various department of the state.

Key Industries – Forest Products Industry

- 
- Forest products have excellent potential for development due to easy availability of raw materials in the state.
 - The state has ample scope to develop industries based on forest- and agro-wastes such as lantana, pine-needles, plant and vegetative fibres.
 - Uttarakhand is a storehouse for a rich variety of herbs, medicinal and aromatic plant species. This enables the state to offer immense opportunities for the development of export-oriented units based on such products.

Key Industries – Tourism

- 
- Uttarakhand is a well-renowned religious and wildlife tourism destination.
 - In 2010, 30.9 million domestic tourists and 0.1 million international tourists visited the state.
 - Investment opportunities in the tourism sector include:
 - Development of facilities for providing spiritual lessons, *reiki* and other rejuvenating courses.
 - Eco-tourism hotels, spa, resorts, amusement parks and ropeways.
 - Winter sports at locations such as Auli that have the requisite terrain for the purpose.
 - Adventure tourism.

National Parks in Uttarakhand

- Askot Sanctuary
- Kedarnath sanctuary
- Valley of Flowers (National Park)
- Nanda Devi National Park
- Rajaji National Park
- Corbett National Park
- Govind Wildlife Sanctuary

Religious-Tourism in Uttarakhand

- Yamunotri
- Gangotri
- Kedarnath
- Badrinath
- Haridwar-Har ki Paudi
- Hemkund Sahib

Key Industries – Biotechnology

- 
- Home to a variety of flora and fauna and rare species of plants and animals, Uttarakhand has a natural advantage in the sector.
 - The state accords an industry status to the units coming under this sector (policy provisions applicable to the IT sector are applicable to this sector) and aims to establish an internationally-competitive business infrastructure and environment for developing this industry.
 - Biotechnology parks are to be developed to integrate resources and provide a focused institutional set up for accelerated commercial growth of biotechnology and bioinformatics.
 - The government is also planning to develop Uttarakhand as a centre for excellence in biotechnology.

Uttarakhand

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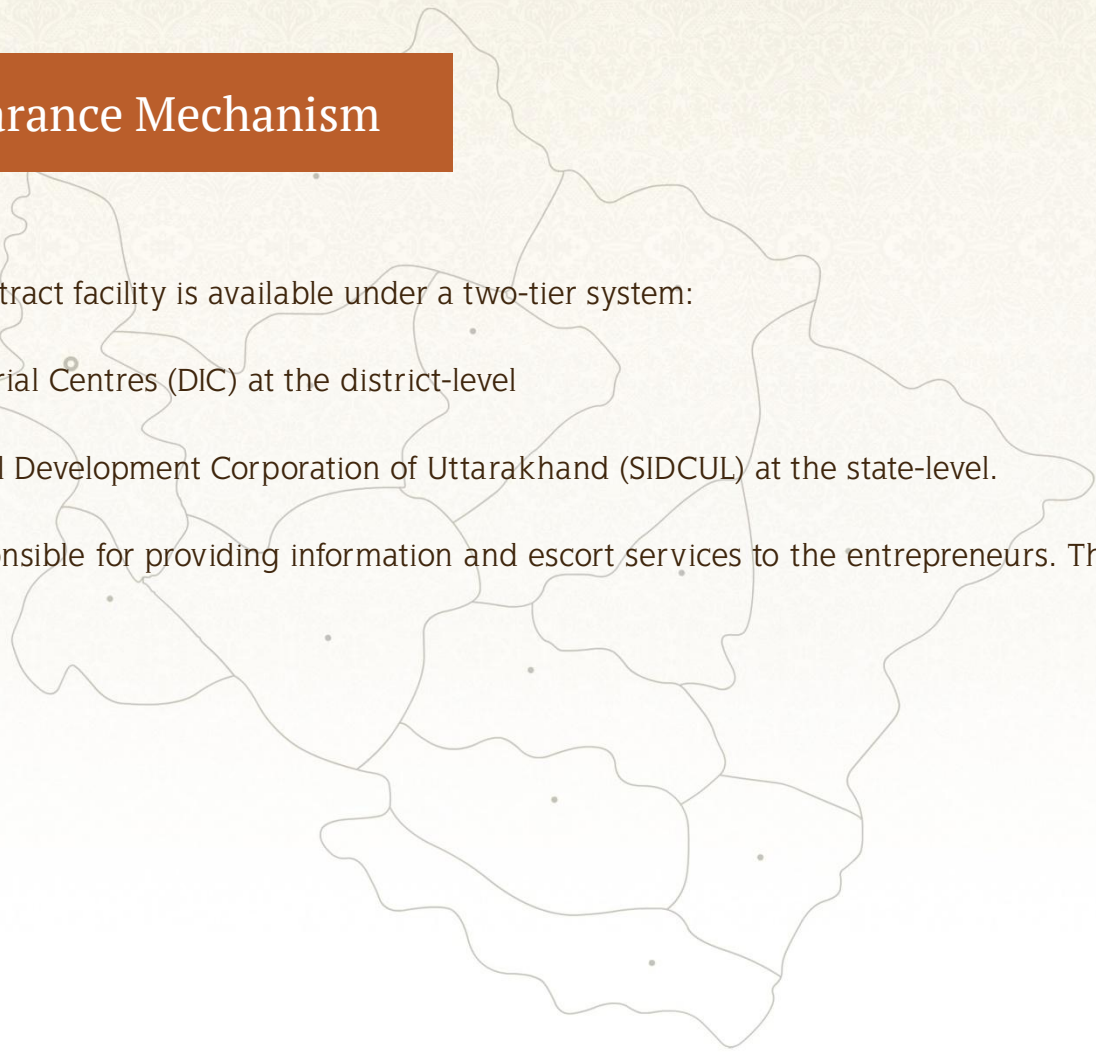
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Single-Window Clearance Mechanism

- 
- The Single-Window Contract facility is available under a two-tier system:
 - The District Industrial Centres (DIC) at the district-level
 - The State Industrial Development Corporation of Uttarakhand (SIDCUL) at the state-level.
 - These centres are responsible for providing information and escort services to the entrepreneurs. They also maintain a data bank.

Key Investment Promotion Offices ... (1/2)

Agency	Description	Contact Information
State Infrastructure and Industrial Development Corporation of Uttarakhand Limited (SIDCUL)	- SIDCUL, a Government of Uttarakhand enterprise, was incorporated as a limited company in 2002. It has equity participation from the Union Bank of India (UBI), the Oriental Bank of Commerce (OBC) and Small Industries Development Bank of India (SIDBI). - SIDCUL functions as the nodal agency of the state to administer all existing Government of India (GoI) and Government of Uttarakhand schemes for industrialisation and industrial promotion. The corporation provides the industrial units with the requisite information and guides them on the approvals needed for potential investors. It is a multipurpose company for industrial promotion investment and infrastructure development. - The corporation's key aim is to promote industrial development in the state; provide financial assistance by way of debt, equity, or venture capital; develop infrastructure; and assist private initiatives in the industry. It also implements and manages projects and provides specialised consultancy for finances and construction. It allows the industries and infrastructure projects in the state to be developed either directly or through special purpose vehicles, joint ventures, assisted companies, etc.	2, New Cantt. Road Dilaram Bazar, Dehradun-248001 Phone: 91-135-2743 292 Fax: 91-135-2708 109 Website: www.sidcul.com
Uttarakhand Tourism Development Board (UTDB)	UTDB is a statutory board under the Government of Uttarakhand, chaired by the Tourism Minister, with the Chief Secretary as the Vice Chairman and five leading experts from the private sector as its members. The board serves as a nodal agency for development and regulation of tourism related activities and provides a single-window mechanism for granting clearances to tourism projects. The board has all the requisite administrative and financial autonomy for the speedy, integrated and well-planned development of tourism in the state.	Secretary Tourism and Chief Executive Officer Government of Uttarakhand Sachivalaya, Dehradun Phone: 91-135-2712 095 Fax: 91-135-2712 800

Key Investment Promotion Offices ... (2/2)

Agency	Description	Contact Information
Industries Association of Uttarakhand (IAU)	IAU is an apex body of small and medium scale industries of Uttarakhand. IAU is committed to the development of the state and its small entrepreneurs. It follows a two-tier system at the city-level and operates through the respective chapters. The thrust and focus of IAU is on taking initiatives to help the existing industry and to attract new industry in Uttarakhand.	Industries Association of Uttarakhand, Mohabelwala Industrial Area Dehradun - 248110 Phone: 91-135-2640 530 Fax: 91-135-2643 382 E-mail: info@iauonline.in
Information Technology Development Agency (ITDA)	The ITDA is an independent and autonomous body to guide and monitor various projects and provide expert inputs, monitor, evaluate and execute State's IT initiatives and projects under the National e-Governance Plan (NeGP).	169/21-Brook & Woods Enclave Rajpur Road, Dehradun Phone: 91-135-2734 920/21 Fax: 91-135-2733 312

Key Approvals Required

List of Approvals and Clearances Required	Departments to be Consulted
Prior to setting up the unit	
Registration	Industries Department
Allotment of Land/ Shed	State Infrastructure and Industrial Development Corporation of Uttarakhand Limited (SIDCUL)
Power Load Approval for Construction Load	Uttarakhand State Electricity Department
Approval for Construction of Building Activity under the Factories Act	Chief Inspector of Factories
No-Objection Certificate	Fire and Forest Departments
Provisional Trade Tax Registrations	Central and State Excise Departments
Registration under the Central Sales Tax (CST) Act, 1956	Central and State Excise Departments
Before Commencement of Production	
Environmental Clearances	Uttarakhand Environment Protection and Pollution Control Board
No Objection Certificate	Fire and Forest Departments
Permanent Trade Tax Registration	Trade Tax Department
Registration under CST Act	Central and State Excise Departments

Cost of Doing Business in Uttarakhand

Parameter	Cost Estimate
Industrial Land Purchase (per sq m)	US\$ 25 to US\$ 185
Office Space Rent (per sq ft)	Dehradun: US\$ 21 to US\$ 130 per month
Residential Rent (2,000 sq ft)	Dehradun: US\$ 260 to US\$ 350 per month
Five-Star Hotel Room Rent (per night)	Mussoorie: US\$ 285 to US\$ 525
Power (industrial)	US 7 cents per kWh
Water (per 1,000 litres)	US 27.7 cents
Labour (minimum wage per day)	US\$ 3 to US\$ 4.1

Sources: Uttarakhand Government Websites, Ministry of Labour and Employment, Government of India, Industry Sources

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State Acts & Policies

Hill Policy 2008

Objective

- The Hill Policy was introduced in April 2008, as a special integrated industrial promotion policy for the hilly and remote areas of Uttarakhand. The scheme is valid up to March 31, 2018.

[Read more](#)

Information Technology Policy 2006

Objective

- To have a fully digitised state and a networked society where information flow is seamless and its access across all sections of the society is enabled through effective ICT infrastructure. To propel the state's economic growth through the use of IT, leading to a high quality of life for the citizens with greater employment opportunities.

[Read more](#)

New State Industrial Policy 2003

Objective

- To promote Uttarakhand as an attractive destination for industrial investments. The policy's focus is also on additional employment generation and GSDP growth. It aims to promote public private partnerships to boost infrastructure and industrial development.

[Read more](#)

Annexure

Exchange Rates

Year	INR equivalent of one US\$
2004-05	44.95
2005-06	44.28
2006-07	45.28
2007-08	40.24
2008-09	45.91
2009-10	47.41
2010-11	45.57

Average for the year

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