

24. INDUSTRIES OF INDIA

Iron-Steel Industry-

- First Iron-Steel industry in India was established in 1874 in Kulti (West Bengal) by the name of Barakar Iron Company.
- First industry on larger scale was established in 1907 in Bihar (Now Jharkhand) in Sakchi by Jamshedji Tata. Name was TISCO.

• Industries established before independence-

1. Indian Iron-Steel Company- It was established in 1908 in West Bengal, Damodar river valley at Hirapur.
2. Mysore Iron & Steel Works- In 1923 Mysore (Bhadravati). At present its name is Vishwesarya Iron & Steel Company Ltd. (VISCL).
3. Steel Corporation of Bengal- It was established in 1937 in Burnpur (W. Bengal). It was further merged in Indian Iron-Steel Company.

• Industries established after independence-

1. Industries established during second Five Year Plan-
 - (i) Bhilai Steel Plant-1955 in Chattisgarh with the help of USSR.
 - (ii) Hindustan Steel Ltd., Raurkela-Estd. in 1953 with the help of Germany in Odisha.
 - (iii) Hindustan Steel Ltd., Durgapur-Estd. in 1956 with the help of Germany in Britain.
 2. Industries established during third Five Year Plan-
 - (i) Bokaro Steel Plant-1968 in Jharkhand with the help of USSR.
 3. Industries established during fourth Five Year Plan-
 - (i) Salem Steel Plant-Salem (Tamilnadu).
 - (ii) Vishakhapatnam Steel Plant-Vishakhapatnam (Andhra Pradesh).
 - (iii) Vizaynagar Steel Plant Haspet, Bellari (Karnataka).
- **Steel Authority of India Ltd. (SAIL)**- This is a public sector company established by govt. of India on **24th January 1973**. From 1989 almost all steel companies are under management of this authority.

Aluminium Industry-

- First Aluminum factory in India was established in W. Bengal near Asansole, J.K. Nagar in year

1937.

- Hindustan Aluminum Corporation (HINDALCO) was established in Chattisgarh (Korba).
- Madras Aluminium Company (MALCO) in Mettur (Tamilnadu).

Cotton-Textile Industry-

- First industry of modern type was established in 1818 at Fort Gloster, Kolkata, but it was unsuccessful.
- first successful and modern cotton industry was established in Bombay by Kewasji Daburji in 1854. Here production started in 1856.
- Mumbai is known as Cottonopolis.
- Kanpur is known as Manchester of North India.
- Coimbatore is known as Manchester of South India.
- Ahmadabad is known as Manchester & Boston India.

Jute Industry-

- Jute is famous as Golden Fibre. India stands on first position in manufacturing Jute products.
- Its first factory was established in Rishra near Kolkata in year 1859.
- Indian Jute Corporation was established in 1971 for taking care of import, export and internal market.
- India produces 35% of Jute products of whole world.

Sugar Industry-

- This industry is mainly in UP, Maharashtra, Bihar, Tamilnadu, MP, Andhra Pradesh, Punjab, Haryana, W. Bengal & Rajasthan states. Following cities are related with sugar industry.

UP

Deoria, Bhatni, Padrauna, Gorakhpur, Gauri Bazar, Siswa Bazar, Basti, Gonda, Balrampur, Barabanki, Sitapur, Hardoi, Bijnore, Meerut, Saharanpur, Moradabad, Bulandshahr, Kanpur, Faizabad, Muzaffarnagar etc.

Bihar

Motihari, Sugauli, Majholia, Chanpatia, Narkatiaganj, Madhura, Gopalganj, Motipur, Dalmiyanagar, Saran, Samastipur, Darbhanga, Champaran, Hasanpur, Muzaffarpur etc.



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Maharashtra Mansad, Nasik, Ahmadnagar, Pune, Sholapur, Kolhapur.

Punjab Hamira, Phagwara, Amritsar.

Haryana Jagadhari, Rohtak.

Cement Industry-

- World's first cement factory was estd. in 1824 in Portland (Britain).
- First modern cement industry in India was estd. in Madras in 1904, but it failed.
- After this event Indian Cement Company Ltd. established a factory in 1912-1913 at Parbandar (Gujrat), here production started in 1914.
- Associate Cement Company Ltd. (ACC) was established in 1934.
- Rajasthan is the largest producing state of Cement.
- Main cement producing states are-

Rajasthan Jaipur, Lakheri.

MP Satna, Katni, Jabalpur, Banmore, Ratlam.

UP Mirzapur, Churk.

Jharkhand Dalmianagar, Japla, Khelari, Kalyanpur, Sindari, Cheenkpani.

Andhra Pradesh Krishna, Vizaywara, Mancheriyal, Macheriya, panyam.

Gujrat Porbandar, Dwarka, Sika (Jamnagar), Bhavnagar, Sevaliyam & Ranayay.

Paper Industry-

- First modern paper industry was established in Trancuwar (Madras) in 1716, but it failed.
- First successful industry was in Lucknow in year 1879.
- W. Bengal is the largest producer of paper.
- Main paper producing states are-

West Bengal Titagarh, Raniganj, Naihati, Triveni, Kolkata, Kinada, Hugli, Baranagar, Shiraphooli, etc.

Andhra Pradesh Rajmahendri, Sirpur, Kagajnagar, Tirupati etc.

UP Sikandrabad, Meerut, Saharanpur, Pipraich, Muzaffarpur, Pilkhua, Lucknow, Naini (Allahabad) etc.

Bihar Patna, Barauni, Samastipur etc.

MP Nepanagar (for Newspaper's paper), Hoshangabad.

Chemical Fertilizer Industry-

- First super phosphate fertilizer factory was established in 1906 in Ranipet (Tamilnadu).
- Ammonia fertilizer industry was estd. in 1944 in Karnatka (Bailegula) by name Mysore Chemicals & Fertilizers.
- Indian Fertilizer Corporation was founded in 1951, under which Asia's largest fertilizer industry was estd. in Sindari.
- India is world's third largest producer and consumer of Fertilizer.
- Main fertilizer producers are-

Jharkhand - Sindari

Bihar - Barauni

UP - Kanpur, Gorakhpur, Allahabad (Phoolpur).

Ship-building Industry-

- First Ship-building industry was estd. in 1941 by Sindhia Steam Navigation Company in Vishakhapatnam.
- Govt. of India undertaken this company in 1952 and named as Hindustan Shipyard, Vishakhapatnam.
- Other public sector companies are-
 - (i) Gardenreich Workshop Ltd. - Kolkata (W. Bengal)
 - (ii) Goa Shipyard Ltd. - Goa
 - (iii) Majhgaon Docs Ltd. - Maharashtra

Aeroplane-building Industry-

- First industry was established in 1940 in Begaluru as Hindustan Aircrafts Co. Its present name is Hindustan Aeronautics Ltd. At present five units are itself in Bangaluru & one unit each in Koraput, Nasik, Bairakpur, Lucknow, Hyderabad and Kanpur.

Automobile Industry-

- This industry is basically known as development industry.
- The main units are - Hindustan Motors (Kolkata), Premier company Ltd. (Jamshedpur), Mahindra Mahindra & Ltd. (Pune), Maruti Udyog Ltd., Gurgaon (Haryana) Sunrise Industries (Banaluru).

Glass Industry-

- This industry is basically developed in areas of railway centralisation. This industry is developed mainly in W. Bengal, UP, Maharashtra & Tamilnadu.



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- Main centres in India are Firozabad & Shikohabad.
 - Main centres of Glass industry are-
- West Bengal:** Belgachiya, Serampur, Resra, Wardmaan, Raniganj & Asansole.
- UP:** Naini (Allahabad), Ramnagar (Varanasi), Bahzoi (Moradabad), Balabali & Firazabad.
- Jharkhand:** Kandra (Jamshedpur), Bhurkunda (Hazaribagh), Dhanbad.
- Bihar:** Patna & Kahalgaon.
- Maharashtra:** Mumbai, Pune, Dadar, Satara, Sholapur, Nagpur.
- Gujarat:** Baroda, Morvi.
- Rajasthan:** Jaipur.
- Other:** Ambala, Amritser, Hyderabad, Jabalpur, Bangaluru Guwahati.
- 13. Medicines-Manufacturing Industry-**
- Main place- Mumbai, Delhi, Kanpur, Haridwar, Rishikesh, Ahmadabad, Pune, Pimpri (Peniciline), Mathura, Hyderabad etc.
- 14. Engineering Industry**
- Main place- Hatia(Ranchi), Durgapur, Vishakhapatnam, Naini(Allahabad), Bangaluru, Ajmer, Jadaupur(Kolkata) etc.
- 15. Rail Instrument Industry-**
- India is totally self dependent in manufacturing of rail engines, passenger compartments & wagons.
 - Chittaranjan(West Bengal) is the oldest factory of rail engines. It was estd. on 26th Jan. 1950 by the name of Chittaranjan Locomotive Works. Presently here electric engines are manufactured.
 - Diesel engines are manufactured in Varanasi.
 - Rail engines are also manufactured in Jamshedpur(Jharkhand).
 - Rail compartment are manufacturing in Parambore(Chennai), which was estd. on 1925. Other centres are Bangaluru, Kolkata, Karoorthala (Punjab-name Integral Coach Factory).
- 16. Electric Instrument Industry-**Bhopal, Haridwar(Ranipur), Ramchandrapur near Hyderabad, Tirucharapalli & Kolkata.
- 17. Telephone Industry-** Bangaluru, Roopnarayan (Kolkata)
- 18. Woolen Industry-**
- First Woolen mill in India was established in 1870 at Kanpur, but this industry really developed after.
 - At present this industry is mainly in Punjab, Haryana, UP, Maharashtra & Gujarat states.
 - Main centers are :
- UP** Mirzapur, Agra, Muzaffarpur, Shahjahanpur.
- Punjab** Amritser, Dhariwal.
- Britain, USA, Canada, Germany are main importer.
- 19. Silk Industry-**
- India is a country in which all four varieties of silk viz. Mulberry, Eri, Tasar & Munga are found.
 - Two third of India's silk is produced in Karnataka.
 - Non-Mulberry silk is mainly found in Assam, Bihar & MP.
 - Main centers are-
- J & K** Shrinagar, Jammu, Udhampur, Anantnag, Baramulla.
- Punjab** Amritser, Gurudas, Hoshiarpur, Ludhiana.
- UP** Mirzapur, Varanasi, Shahjahanpur.
- W.Bengal** Murshidabad, Bakura, Howra, Chaudis-Pargana.
- 20. Atomic Power**
- Atomic Energy Research Institute was established in India with great efforts of Dr. Homi Jahangir Bhabha in 1948.
 - A separate Department of Atomic energy was created in 1954.
 - The first Atomic research reactor was APSARA in Trombay (Mumbai).
 - The first Atomic power plant of India was - Tarapur (Maharashtra) started in 1969.

