MINERAL RESOURCE OF RAMANAGARA DISTRICT
. RAMANAGARA District

History
Ramanagara district was carved out of the erstwhile Bangalore Rural district on 23 August 2007, comprising Channapatna, Kanakapura, Ramanagara and Magadi taluks of the undivided district.

Geography
Ramanagara is approximately 50 km southwest of Bangalore. It has an average elevation of 747 metres (2,450 feet). Ramanagara is famous for the huge rocky outcroppings. Those that are popular for rock climbing are: Savandurga, Ramadevarabetta, SRS betta and Thenginkalbetta and Channapatna.

Demographics[edit]
According to the 2011 census Ramanagara district has a population of 1,082,739,[2] roughly equal to the nation of Cyprus[3] or the US state of Rhode Island.[4] This gives it a ranking of 421st in India (out of a total of 640).[2] The district has a population density of 303 inhabitants per square kilometre (780/sq mi).[2] Its population growth rate over the decade 2001-2011 was 5.06%. Ramanagara has a sex ratio of 976 females for every 1000 male.

Economy
Ramanagara is famous for its silk market, one of the biggest in India, giving it the other name of Silktown. Ramanagara district includes the Bidadi industrial area, which houses the manufacturing units of Toyota and Coca-Cola, and a 1400 MW combined cycle gas-based power plant.

Hills and landscape
This region has several tall granitic hills which are famous for many short rock climbs, typically 1 to 2 pitches in length. Grades vary from 5.8 American to 5.11 American. It is home to some of the world's oldest granite outcrops. Some of the interesting climbs are on
the Wanakkal wall ("Gabbar ki asli pasand", "Labor pain"), on the Rainbow wall ("UIAA", "Kalia"), on Anna-Thamma ("Darkness at dawn", "Black Diamond", the name Anna-Thama means 'elder-brother-younger-brother' in Kannada).

Ramdevarabetta showing the cave entrances made for the film A Passage to India

Another well known hill is Ramadevarabetta. Along with Savandurga this was one of the shooting locations for David Lean's A Passage to India. Small door like grottoes were made in the rock to resemble caves. It was also in this region that the path-breaking Hindi movie, Sholay, was shot.

View from Ramadevarabetta

Other famous hills in the region include the Revanasideshwara hill and Handigundi. Bilikal Rangaswamy Betta is a popular tourist spot in the district.

These hills have been threatened by quarrying and also plans to carve these hills into statues. The region is covered in scrub forest and is home to threatened bird species such as the yellow-throated bulbul and long-billed vultures. The hill is today one of the few locations in south India where long-billed vultures nest. The region is also home to numerous sloth bears.
The Closepet granites are a major geological feature of this region and are from the Lower Proterozoic era. This belt of rocks extend in the north-south direction in 50 km belt. This belt has younger potassic granites and is believed to separate two distinct crustal blocks of Archaean age. The block to the west has low grade granite-greenstone belts with iron-manganese ores and to the east are younger gneisses of granitic and granodioritic composition with gold-bearing schist belts.
1. **Snapshot – Ramanagara District Profile Invest Karnataka 2016**

   Contents
   - District overview
   - Economic Profile
   - Agricultural Profile
   - Industry Profile
   - Power and Water Tourism
   - Social Infrastructure
   - Connectivity Infrastructure
   - Readiness
   - Potential Industries
   - Investment opportunities
   - Annexure

2. **Temperature** 31° C (Max) 14° C (Min) Relative Humidity (%) 79 (Max) 45 (Min)

   **Annual Normal Rainfall** 854 mm

   **Rivers** Kanva & River Arkavathi in Channapatna Taluk & Ramanagara Taluk respectively

   **Area** 3,516 sq km

   **District headquarter** Ramanagara

   **Population** 1,082,636 (As per 2011 census)

   **Population density** 303 per sq km

   **Sex ratio** 976 per 1000 male

   **Literacy rate** 69.22 %

   - Ramanagara was carved out of the erstwhile Bangalore Rural district on 23 Aug 2007.
   - Comprises of 4 taluks – Channapatna, Kanakapura, Ramanagara, Magadi.
   - It is approximately 50 km southwest of Bangalore

   Ramanagara District Overview

3. **Economic Profile**

   - GDDP is Rs. 5,639 Crores for the district in the year 2012-13
   - Per capita annual income in the district is Rs. 70,095 for the year 2012-13

   Description
   - Total District GDP: 5639
   - Agriculture and Allied (Agriculture, animal husbandry, Forestry, Fishing) 1096
   - Industry (manufacturing, Construction, Mining) 1369
   - Services (Real estate, Hotels and restaurants, banking, and legal services) 3173

   Ramanagara GDP Trend (in INR Crore)


   Primary Secondary Tertiary GDDP Source: State and District Domestic Product of Karnataka 14-15

4. **Thrust Areas**

   - Improved seed varieties, advanced agricultural technology and mechanization
   - Establishment of sugar factory and maize processing factory
   - Forward linkages for all crops through effective value addition, agro processing and contract farming
   - Expand dry land horticulture

   Agricultural Profile

   - Major Crops
     - Availability of different types of soils which allow growing varieties of crops
     - Proximity to various internationally renowned agricultural research centers & universities
     - High potential for growing commercial agriculture crops. Ragi is a major crop followed by paddy and groundnut.
     - Excellent pasture land is available to animal husbandry activity
Horticulture segment in food processing is the thrust area in Ramanagara Enablers Major fruit and vegetable crops - Mango, Banana, Sapota, Guava, Grapes, Tomato, Potato, Beans, Chilies, Brinjal, Cabbage, Cauliflower, Gourds, etc. Floriculture includes Rose, Jasmine, Marigold, Chrysanthemum, Crossandra, etc. Major production of mangoes and bananas (Mango ripening chambers and banana chips) Availability of Medicinal plants at Savanadurga, Magadi Taluk Forest 17.21% Uncultivated Land 19.77% Net Sown Area 35.43% Remaining Area 27.59% Land Utilisation (%) Cereals 58.16% Pulses 11.59% Other 24.73% Oil Seeds 4.67% Commercial Crops 0.86% Cropping Pattern (%) Source: Karnataka at Glance, DIC

5. 64 Large and Medium scale Industries • 1,633 small-scale industries with aggregated investment INR 169.4 Crore • 2 Industrial Area (total 5 phases) and 4 Industrial Estates Industry Profile Industry Areas/Estates Industrial Areas Industrial Estates Map of Ramanagara District Potential Sectors: • Sericulture • Agriculture & Allied Sectors • Textile and Apparels • Mechanical & Automobile • Chemicals • Export Oriented Zones • Aerospace related industries • Development of Amusement Parks, Film City • Construction Materials S.No Industrial Area/ Estate Extent (in Ha) 1 IA, Bidadi 1498 2 IA, Harohalli I&II/III 1169/1366 3 IE, Ramanagara 5 4 IE, Magadi 14 5 IE, Channapatna 14 6 IE, Kanakapura 19 → Land bank of 13817.40 acres is identified and 12199.13 acres is notified. → Proposed industrial area along with 2 Industrial parks for Printing and Textiles. → 2 SEZ in Advanced R&D and textiles sector each with an investment of US$ 559 million (INR 2,683 crores) and US$ 25 million (INR 120 crores) each. → Natural Resources -Abundance in Granite and Building Stones 1 2 3 4 5 6 Source: DIC- Ramanagara

6. Water 0 Arakavati & Kanza are the two main tributary rivers that flow across the district. 0 In terms of agricultural consumption, Kanza, Manchinenbele, Horobele and Baimangala are the main minor irrigation projects in the region. 0 Ground water conservation and watershed management are the current thrust areas of public Water investment. 0 92% of cultivable area is rain fed 0 Total water supply in the district – 7.5 MLD 0 Per capita Water supply - 48LPCD 0 Average Demand- Industry-90000 kld Domestic-100000 kld 0 Average annual consumption- Industry- 90000 kld Domestic- 38600 kld Power 0 Transmission in the district is being done by Bangalore Electricity Supply Company Limited (BESCOM) 0 1400 MW combined cycle gas-based power plant 0 Innovative technologies including Smart Grid are also being rolled out in the region 0 Average
Demand- Industry-34731 Units Domestic-4775 Units
Average annual consumption-
Industry- 5405 Units Domestic-1089 Units
Power and Water Source: DIC- Ramanagara

7. Tourism Ramanagara is famous for the huge rocky outcrops. The region has several tall granitic hills which are famous for many short rock climbs. It is home to some of the world's oldest granite outcrops. Channapatna has the crawling infant Lord Krishna in Malur. This place also boasts of Kanva Reservoir that has a beautiful and natural landscape. Ramadevara Betta is an ideal spot for rock – climbers and adventure seekers. 50 km from Bangalore, it provides ideal location with landscaped rock faces. Janapada Loka or “ Folk culture World” is a world of simplicity and art. Janapada Loka, a subsidiary of the Karnataka Janapada Parishath, is dedicated to preserve and promote folk art and culture. Revanasiddeshwara Betta situated at 13 Km from Ramanagara and completely rocky hill with stunning natural beauty. Sangama - Mekedatu - the place where river arkavathi and river Cauvery joins. It is 50 Km from Ramanagara and about 80 Km from Bangalore. Manchanabele Dam - Kempe Gowda Fort, Savanadurga hill in Magadi Taluk.

8. Social Infrastructure
Healthcare: Education: Healthcare Facilities No. Primary Health centres 61 Community Health Centres 4 Allopathy Hospitals 70 There are 10 Degree colleges,6 Engineering colleges,5 Polytechnics and 18 it is Key educational Institutes: • Jain University, Kanakpura Road • MHB Ed College • M. H. D. Ed College • M. H. Institute of Management Science • M. H. School of Nursing • Ghousia Engineering college • Jnanavahini Engineering college • Govt. Engineering college • Sampurna college of Engineering & Technology
Healthcare Facilities No. Indian System of Hospitals 5 Government Hospitals 69 Source:DIC- Ramanagara

9. Connectivity
0 National Highway NH 206 (Connecting Tumkur and Honnavara) and National Highway NH 209 (Connecting Bangalore to Dindigul – Tamil Nadu) passes through the district 0 It has a railway connectivity to Bangalore, Mysore and other locations with 6 Railway Stations with 44kms of railway line in the district 0 Double line conversion Bangalore –Mysore is under progress 0 Bangalore International airport is 89km away and 99km to Mysuru airport. International Airport 623Km International Airport 89 Km Port International Airport 340 Km Nearest Airport Bengaluru 89 Mysuru 99 Mangaluru 340 Chennai 387 Hubballi 429 Nearest Seaport Chennai 387 Kochi 464 Karwar 541 Goa 579
10. Infrastructure Readiness Chennai-Bengaluru Industrial Corridor 0 Bidadi has been one of the nodes identified under Chennai- Bengaluru Industrial Corridor. 0 Currently the priority nodes have been considered for development Bidadi, Ramanagara District Textile Park-Kanakapura Private land and infrastructure available for establishment of Apparel and Textile units at Kodihally, Satanur and other places of Kanakapura Taluk. Bidadi – Harohalli Ramanagaram - Channapatna City Cluster Development 2 out of the 8 clusters has been identified under ADB supported programme

11. Textiles and Handicrafts: • State Government has proposed an integrated textile park and KIADB has identified 125 acres of land at Harisandra village. • 1 SEZ in the textile sector with an investment of INR 120 crores • Emerging hub for garment industry • Stone carving, terracotta, pottery and clay clusters in • Ramanagra • Wood carving, lacquerware, and toys clusters in Channapatna Taluk Potential Industries Auto and Auto Ancillaries: • District is proposed as a automotive zone under SKDC development plan • Presence of companies like Toyota Kirloskar Motor, Stanzen Toyotetsu India, TG Kirloskar Automotive, Toyota Boshoku Automotive India, Toyota Tsusho India, Tata Auto Comp Systems • Toyota recently set up a manufacturing plant with an investment of US$ 5 Billion producing 2.4 lakh engines by 2013. Sericulture: • The district houses Asia’s largest cocoon market. • It is regarded as a traditional district for sericulture. The main silkworm races reared in the district are “Kolar Gold” (Multivoltine) CSR pure, hybrids and poly hybrids (Bivoltine) Food Processing: • Scope for the establishment of sugar factory and maize processing factory • Improved seed varieties, advanced agricultural technology and mechanization are the key areas of investment in the region. • There is much scope to increase the pulse and oilseed production and the dry fruit processing industry as well as jam/jelly/ juice segment.

12. Investment Opportunities • Proposal for Conversion Bangalore-Mysore Road into 6 lane • Proposal for Improvement of Roads in Bidadi Industrial area (Rs. 15 Crores) Additional Projects

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<td>Conceptualization Plants Development Of Corrugated Boxes Manufacturing Plant</td>
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14. Contacts Karnataka Udyog Mitra 3rd Floor, Khanija Bhavan (East Wing), No. 49, Race Course Road, Bengaluru-560 001, India Ph.: +91 80 2228 2392, 2228 5659, 2238 1232, 2228 6632 Fax: +91 80 2226 6063 Email: md@kumbangalore.com visit us at: www.investkarnataka.gov.in The Joint Director District Industries Centre (DIC) Industrial Estate, Ramanagar - 571511. Ph: (+91-080) 7273008 Email: jd-ramanagara@karnatakaindustry.gov.in Commissioner for Industries Development and Director Department of Industries & Commerce Government of Karnataka No. 49, South Block, Khanija Bhavan, Race Course Road, Bengaluru-560 001, India Ph.: +91 80 2238 6796 Email: commissioner@karnatakaindustry.gov.in