

Genome Valley

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Genome Valley is an Indian high-technology business district spread across 600 km² in Hyderabad, India. Centered across the suburbs Shamirpet, Medchal, Uppal, Patancheru, Jeedimetla, Gachibowli and Keesara, the Valley has developed as a cluster for Biomedical research, training and manufacturing.^{[2][3][4]}

Genome valley was commissioned in 1999 as *S. P. Biotech Park* in a public-private partnership with Bharat Biotech International, and its founder Krishna Ella, alongside private infrastructure companies such as Shapoorji Pallonji Group and ICICI Bank.^[5] In 2009, U.S. based infrastructure giant *Alexandria Real Estate Equities* has announced its plans to invest in the bio-cluster, which led to the Alexandria Knowledge Park SEZ.^[6] The biocluster at Shamirpet holds Certification mark by the United States Patent and Trademark Office and the European Union.^[7]

The **IKP Knowledge Park** spread over 200 acres in Turakapally, is an initiative of ICICI Bank with five "innovation corridors" - a first of its kind knowledge-nurturing centre for Indian companies and a knowledge gateway for multinational companies".^[8] The first phase of Innovation Corridor I, comprising 10 laboratories, around 3,000 ft² (300 m²) each, is operational and fully occupied. The second phase of Innovation Corridor I, comprising 16 laboratory modules of 1,700 ft² (170 m²) each, is ready for operation.

The **Alexandria Knowledge Park** spread over 300 acres in Turakapally, accommodates advance research and development infrastructure in multiple formats like multi-tenanted research buildings, incubation facilities, build-to-suit blocks and industrial plots. The Park has been developed in two phases. **Phase I** covers approximately 145 acres and **Phase II** covers approximately 162 acres of land. The Telangana State Industrial Infrastructure Corporation, SEZ,^[9] the Lonza Group, SEZ, and^[10] Alexandria SEZ, are the designated special economic zones of the Valley.^[11]

Genome Valley



Type	Science Parks
Industry	Biotechnology Pharmaceutical Contract Research Organization ^[1]
Headquarters	Shamirpet, Hyderabad
Website	www.ikpknowledgepark.com

Contents

- 1 Manufacturing
- 2 Global Centers of Excellence in R & D
- 3 Contract Research Organizations and Healthcare
- 4 Others
- 5 Further reading
- 6 References

Manufacturing

- Dupont Knowledge Center
- Shantha Biotechnics, a Sanofi company
- Dr. Reddy's Laboratories
- Bharat Biotech International
- Aurobindo Pharma
- United States Pharmacopeia^[12]

- Lonza Group^[13]
- Divis Laboratories
- Ganules India Limited
- Biocon^[14]
- Biological E. Limited
- Johnson & Johnson India Limited^[15]
- Novartis India Limited^[16]
- Bayer Biosciences^{[17][18]}
- Neuland Laboratories
- BioServe Global
- Indian Drugs and Pharmaceuticals Limited
- Nuziveedu Seeds Private Limited
- Advanta India
- Monsanto^[19]
- Merck KGaA^[20]
- Makhteshim Agan
- Roche Diagnostics
- Mylan
- Medtronic^[21]
- Millipore
- Albany Molecular Research
- Biogenex International
- Nektar Therapeutics
- Avesthagen
- Virchow Biotech
- Phenomenex
- Metropolis
- EPRCCRB -A Vitane group of companies

Global Centers of Excellence in R & D

- International Crops Research Institute for the Semi-Arid Tropics
- Centre for Cellular and Molecular Biology
- Indian Institute of Chemical Technology
- Centre for DNA Fingerprinting and Diagnostics
- National Institute of Nutrition, Hyderabad
- Indian Immunologicals Limited
- National Institute of Pharmaceutical Education and Research, Hyderabad
- Centre for Computational Natural Sciences and Bioinformatics, IIIT Hyderabad
- TCS Bioinformatics Innovation Lab, Hyderabad
- Sir Ronald Ross Institute of Parasitology
- Dr. Reddy's Institute of Life Sciences
- Indo American Cancer Hospital and Research Institute
- Indian Institute of Biotechnology
- Directorate of Rice and Oil Seeds Research
- Central Research Institute for Dry Land Agriculture
- Central Forensic Science Laboratory, Hyderabad
- Central Institute of Medicinal and Aromatic Plants
- Center For Sustainable Agriculture, Hyderabad



Clockwise from upper left:

- Biopharma manufacturing unit of Bharat Biotech International near the Biocluster
- Biopharma manufacturing unit of Shantha Biotechnics near the Biocluster
- Biopharma Finished Dosage Unit of Dr. Reddy's Laboratories
- GVK BIO
- API manufacturing unit of Granules India Limited in Jeedimetla
- Vimta Labs Life Sciences Center near the Biocluster

- Central Food Technology Research Institute - Resource Center
- L. V. Prasad Eye Institute
- Apollo Cell and Molecular Biology Research Center
- National Institute of Animal Biotechnology
- National Academy of Agricultural Research Management
- National Animal Resource Facility for Biomedical Research
- American Oncology Institute
- Asian Institute of Gastroenterology
- Owaisi Center for Liver Research and diagnostics

Contract Research Organizations and Healthcare

- GVK Biosciences
- Vimta Labs
- Ocimum Bio Solutions
- Inventiv Health Inc
- PRA Health Sciences
- PAREXEL
- Quintiles
- Sipra Labs
- Alveus Pharmaceuticals
- Sandor Proteomics
- Laurus Labs
- Bio-Axis
- Clin Asia
- Makro care
- Cytel
- Clintec International
- Truven Health Analytics
- Global Data
- Celgene Valuelabs India
- Andronovo Labs
- Piramal Clinical
- Aizant therapeutics
- Incozen Therapeutics
- Med-Himalayas
- Sai advantum
- Laxai Avanti
- Mithros chemicals

Others

- DNA Labs India



Clockwise from upper left:

- ICRISAT, CCMB, IICT, CDFD, and NIN

- Biomax Lifesciences
- Center For Stem Cell Science, Hyderabad
- Tran-Scell Biologics^[23]
- RAS Life Sciences
- Natco Pharma
- Hetero Drugs
- Reliysys
- Celon Labs
- Revelations Bio
- Genetech India
- Sudershan Bio
- Aurigene
- Vivimed Labs
- Randstad India
- Sami Labs Limited

Further reading

- HITEC City
- Department of Biotechnology
- Pharmaceutical industry in India
- Drugs Controller General of India

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12. US Pharmacopeia to set up lab in Hyderabad(http://www.icfdc.com/html/newsarchives/science/icfdc_Science_20050810_a.html)



Clockwise from upper left:

- Mindspace Tech park houses CRO's Novartis, Cytel, PAREXEL, United Health Group, Bayer, Thomson, Inventiv Health Clinical, Ocimum Bio Solutions, Medtronic, TCS-Bioinformatics & more.
- Celgene India Center at the Value Labs^[22]
- Novartis Pharmaceuticals Hyderabad

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Categories: 1999 establishments in India | Economy of Hyderabad, India | Economy of Telangana | Industries in Hyderabad, India | Industrial parks in India | Science parks in India | Research institutes in Hyderabad, India | High-technology business districts in India | Biotechnology

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