

Title of Project:

Geo Referencing, Digitization and Database Creation for Cadastral Map of Gap Area in Chhattisgarh State

Name of Principal Investigator	Mr. M. K Beg
Scientific Team	Mr. Jai Prakash Koshale, Senior Research Fellow Dr. Neetu Gill (Resigned), Junior Research Fellow Mr. Aniruddha Haldar, Junior Research Fellow Mr. Rupanarayan, Junior Research Fellow
Name of Funding Agency	Land Record Department, Govt. of Chhattisgarh
Tenure of Project	March 2015 to Continue (Perpetual)

Summary of Project:

Land Records Modernization Programme for management of land records, minimize scope of land / property disputes, enhance transparency in the land records maintenance system, and facilitate moving eventually towards guaranteed conclusive titles to immovable properties in the State. The major components of the programme are:

- Scanning the paper map
- Vectorization of scanned Map and converting each layer to GIS ready map format (SHAPE file format).
- Checking of HARD Copy of the digitized work to be submitted to directorates of land record department with the Original Map.
- Directorates of land record department assigned work to Dist. headquarter and Patwari's for correction / verification of digitized work with the Original Map.
- Corrected/verified map received from land record for validation / Checking of SOFT COPY of the map with the same specifications.
- Composing the map of deigned cadastral template approved by LRD and print out of final map submission to Land Record Department

Final SHAPE file format data is submitted to land record for publication of bhu-naksha web port.



Cadastral Map of Bhawar Village, District – Korba



Verification of Cadastral Maps by Patwari at GIS Lab