



Digitization of Registration records,
Development of Web-based Retrieval System
& online Access mechanism for updating database on day-to-day basis

Presentation by

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Highlights of the Existing SCORE (System for Computerized Registration)



- The Department introduced Computerized System of Registration in Sept., 2005 as Pilot Project.
- In 2006, the State Govt. decided to implement SCORE in all the Registration Offices of the State on HOHB (Hardware on Hire Basis).

Highlights of the Existing SCORE Initiative



■ Features

- **Auto valuation** of stamp duty, registration fee etc. for all type of instruments
- **Capture of Photographs/Finger Prints**
- Original deeds returned to the party within **20-30 minutes**
- **Scanned** registered documents to be permanent record
- **Auto generation** of future market value rates for all land/properties
- **Hard copies** of books **also** being **retained**
- **Deposit** of stamp fee, registration fee etc. **in bank** with **online verification**
- Brings **transparency, speed & reliability** in registration
- **No dislocation** of stakeholders
- **Quantum jump** in **efficiency** and **speed** of the process

Challenges Ahead



- The Department, however was pondering over the following facts:
 - There was no central Database
 - There was no web based query system
 - Citizens had no option, but to go to concerned registration offices for any kind of information relating to Registered documents
 - Citizens had to wait for several days for encumbrance/non-encumbrance certificate and certified copies from manual records
 - Absence of MIS tools at HQ

Solution Approach



- In order to overcome these problems the department decided to initiate followings
 - Establishment of Central Database
 - Development of web based query system for public
 - Online information regarding Registered documents
 - Digitization of registration records and indexing through creation of database for faster retrieval
 - MIS Tools for Department Officials

Strategy Adopted



- Task -1 : Digitization of records including indexing since 1996.
- Task-2 : Cleansing of existing computerized data for consolidation and centralization
- Task-3 : Daily data transmission from registry/sub-registry offices over VPN
- Task-4 : Establishment of Data Centre with web-based query mechanism and MIS Tools
- *Over and above, initiatives taken*
- GIS based Analytical Tools for rationalization of Minimum Value Register (MVR)

Benefits of Web Based Information Retrieval System



- Online verification of status of any property
- Encumbrance Status of any land
 - Useful for prospective buyers
 - Useful for financial institutions like banks, govt. etc.
- Information to Income Tax Department, Vigilance, Investigative Agencies regarding high value transactions
- Check on transaction through false personation

Maintenance of Minimum Value Register (MVR)

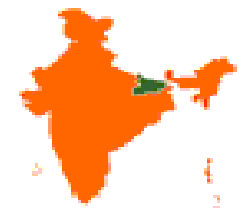


- MVR is the primary basis of Revenue Collection
- It contains the minimum estimated value of different category of land/property such as irrigated/non-irrigated, single-crop/double-crop, residential/commercial etc. in each village/ward
- MVR of any typical village has minimum of 8 entries.



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- Mapping villages on GIS map
 - **Analysis type :-**
 - **Color Analysis** : Through preparation of visual MVR of any block or a district, the variation of land value of any category can be seen visually and discrepancy in land valuation with respect to landmarks like national highways, canals, rivers, block/district headquarters can be rectified.
 - **Peak & Trough Analysis** : This relates to visual depiction of value of any category of land in each village with the average of surrounding villages. In whichever villages the land value is lower than a specified percentage of the average could be taken up for rectification.
 - **Analysis on variation in land value between different land types** : Any district magistrate can analyze the variation in land values between different categories of land. He can compare the average variation among various land types within blocks of his district and also with other districts in the state . Discrepancies found through these comparisons can then be rectified.

Photographs of Data Centre of Registration Department, GOB



Fact Sheet of Data Centre

1. Server (Xeon) - 4 Nos
2. SAN Storage - 30 TB
3. Tape Library - 1 Nos.
4. SAN Switch - 2 Nos.
5. UPS (20 KVA) - 2 Nos.
6. DG Set (65 KVA) - 1 Nos.
7. Fire Detection & Suppression System
8. Smoke and Heat Detection System

Software

1. MS Window Server 2008
2. Oracle Database Server Enterprise Ed. 11 G
3. Antivirus (Ent. Ed.)

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THANK YOU
