

## **Creation of a Model GIS Platform for Monitoring Utility Services of Local self-government - Focused in Sangareddy Municipality**

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**A**n attempt is made in the study, to use Geographical Information System (GIS) to provide spatial and non-spatial information for urban planning and management. Urban infrastructure challenges are majorly due to the mismatch between growth in urban infrastructure and an increase in urban population. These challenges effects status of drinking water supply, public transportation, sewage, and solid waste management. India vulnerable to many natural and human-made disasters, create significant resource crises. GIS platform could make the management in such a situation more manageable. The study examines the waste disposal system in the Sangareddy municipality in Telangana and GIS platform application is developed towards making waste management more effective.