E-Gram Panchayat

Yashodeep Raut, Praful Thorat, Aniket Mali, Yash Jagtap, Rajani Sajjan

School of Computing, MIT ADT University, Pune

Abstract: *The increasing demand for transparent, efficient, and citizen-centric governance in rural areas has necessitated the digital transformation of traditional administrative systems. This paper presents an e-Gram Panchayat System, a cloud-enabled digital governance platform designed to streamline administrative functions and improve service delivery in rural villages. By integrating cloud computing, mobile access, and web- based technologies, the system offers a centralized portal for managing records, issuing certificates, publishing notices, monitoring development activities, and enhancing communication between citizens and local authorities. The proposed system ensures real-time data access, promotes transparency, minimizes paperwork, and enables remote accessibility. Pilot implementation in a rural village demonstrated enhanced administrative efficiency, quicker service delivery, and higher citizen satisfaction. This study underscores the role of e- governance in empowering rural communities and improving public service management.*

Keywords: E-Governance, Digital Panchayat, Rural Development, Public Service Delivery, Smart Villages, Paperless Governance.