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(57) Abstract :
AI and Chatbot based Digital Platform for Land and Forest Rights Awareness and Support for ST Communities *Abstract: Scheduled Tribe (ST) communities often face challenges in understanding and asserting their land and forest rights. An AI-powered digital platform can bridge this gap by providing accessible and culturally relevant information. This platform would feature a multilingual Chatbot, allowing users to ask questions about land rights acts, grievance procedures, and entitlements in their native langlage. Easy—to-understand explainer videos, infographics, and downloadable booklets would further clarify complex legal concepts. Interactive modules like quizzes and simulations would make learning engaging. Beyond information, the platform would empower communities through a multilingual helpline with human experts to address specific situations. A safe online forum would foster peer support and knowledge sharing. A comprehensive legal aid directory would connect users with lawyers specializing in tribal land rights. Accessibility is key: the platform would function offline for areas with limited internet, and a voice interface would cater to users with low literacy or visual impairments Partnerships with NGOs and local organizations would ensure outreach and training sessions using the platform. Robust data security measures would protect user privacy, particularly regarding sensitive land ownership information; The platform would be available in multiple local languages, recognizing the diverse linguistic needs of ST communities. Finally, a long-term plan for maintenance, content updates, and staff training would ensure the platform's continued effectiveness in empowering ST communities to claim their rightful ownership of land and forest resources.

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