



Swami Keshvanand Institute of Technology, Management & Gramothan
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Department of Computer Science & Engineering

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ABSTRACT

Title: Trekking Route Mapping Application for the Indian Himalayas and Other Mountain Ranges.

Tourism in India's mountain ranges, including the Himalayas, Western Ghats, Eastern Ghats, Garhwal, Kumaon, Vindhya, Satpura, and Aravalli, has gained immense popularity as travelers seek unique and adventurous experiences. To support this burgeoning trend while ensuring the safety, convenience, and sustainability of trekking tourism, a groundbreaking mobile application has been developed. This report provides a concise overview of the application designed to map trekking routes and provide essential information for trekkers, with a special focus on promoting sustainable tourism practices. The Trekking Route Mapping Application has successfully addressed the evolving needs of trekkers, elevating their trekking experiences across India's diverse mountain ranges. By providing comprehensive information, fostering a sense of community, and promoting responsible trekking practices, the application is instrumental in advancing the adventure tourism sector while promoting the natural beauty and cultural heritage of India's mountains.

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