

# Empowering Mountains : Nepal Wireless Networking Project

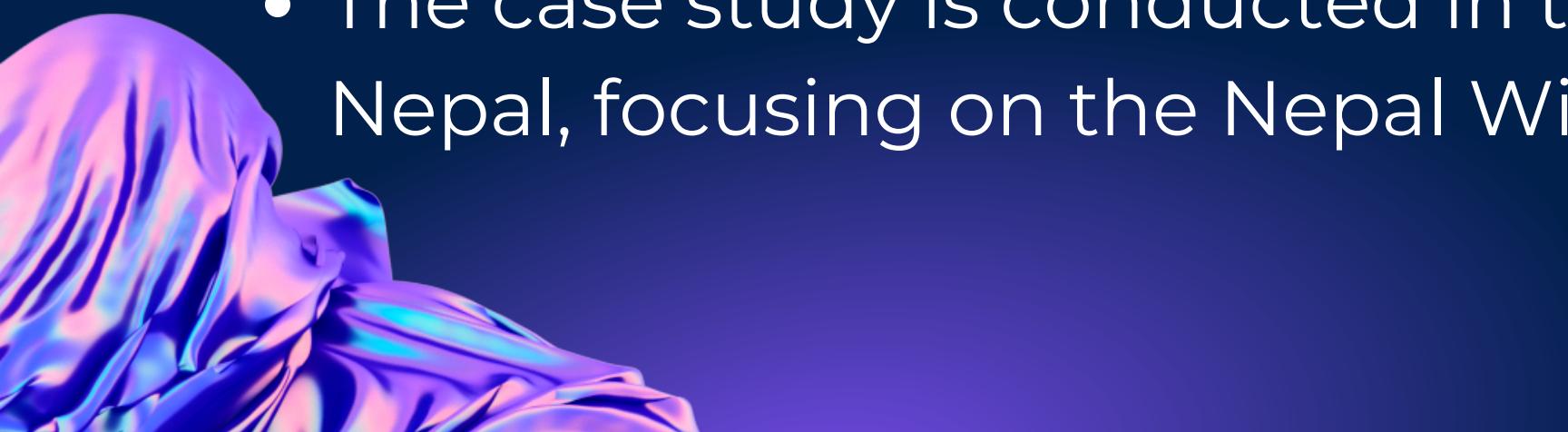


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# Introduction



- The case study titled "The Role of ICT Actors and Networks in Development: The Case Study of a Wireless Project in Nepal" by Devinder Thapa.
- Research Question : How do different ICT actors form and extend ICT4D projects, and how do extended networks foster socio-economic development?
- The case study is conducted in the Myagdi district in the mountain region of Nepal, focusing on the Nepal Wireless Networking Project (NWNP).



# Background



- NWNP, led by Mahabir Pun, transformed remote Nepali villages with crucial ICT services.
- Mahabir Pun: Visionary founder leveraging ICT for socio-economic development.
- Initial Challenges:
  - Lack of infrastructure
  - Political instability
  - Economic constraints in the mountain regions.



# Objectives

01

- Bridging education gaps

02

- Enhancing healthcare

03

- Generating economic opportunities in remote villages.

# Implementation Strategies

- Use of TV dish antennas
- Collaboration with international volunteers
- Setting up micro-level hydro power stations.



# Stakeholders



**Mahabir Pun**



- Local Communities
- International Volunteers



**Supportive Organizations like the World Bank**

# Challenges Faced

- Lack of infrastructure
- Political instability
- Restrictive trade policies
- Financial constraints.



# Success and Recognition



## Project Success

NWNP extended its reach to around 150 villages, fostering socio-economic development.



## Awards and Recognition

Mahabir Pun's acknowledgment with prestigious awards for his visionary leadership.

# Affordances

## Educational Impact

- Improved access to quality education materials, reducing the education gap

## Healthcare Enhancement

- Telemedicine services and remote consultations, improving healthcare accessibility.

## Economic Opportunities

- Introduction of remittance services and virtual ATM machines, reducing the need for villagers to travel.

# Broader Changes

## Social Impact

- Empowerment of marginalized groups, especially women, through training programs.

## Economic Growth

- Reduction in transaction costs, improved market access, and socio-economic opportunities.

## Cultural Shift

- Integration of ICT into daily life, influencing cultural practices and perspectives.



# Thank You

## References

- <https://bit.ly/41O87UO>
- <https://bit.ly/3NUGtzX>