

Decentralising Digital, or DeDi, was a two year long collaboration between the University of Dundee and the Indian design research agency Quicksand. Our aim was to co-create new stories that explore how powerful developments in emerging technologies such as the Internet of Things, the voice enabled Internet, machine learning and artificial intelligence might be harnessed to support rural communities in India.

This story is set in 2030 where decentralised mesh networks are beginning to provide a respite from internet and phone network shutdowns. It goes back to experiments in one village in 2025, and gradually builds the story of decentralised mesh networks emerging from villages in South India, becoming a 'Resilience by Design' movement across the country, giving people complete control over their data.









You're right! But whilst the network can include everyone, each village should create their own rules and take ownership of their data. Maybe you could explain our thinking to each village and help them understand how to make their own mesh...



I think we have everything to set up the server room and the local radio station...but I think we still have to spread this local network...other villages close by are also requesting access



House man in. HOTSPOT mun " men num mulli man (marganin merantics menterness 00 000

Jugaad WiFi hotspot created with a solar

panel sleeve, microcontroller board, duct tape and a plastic water bottle. This frugal DIY







Making a Mesh

quicksand.co.in dundee.ac.uk

Authors Loraine Clarke, Babitha George, Romit Raj, Jon Rogers, Martin Skelly & Pete Thomas

Illustration Gaurav Sharma

Translations Madhav Ajjampur

Design & Art Direction Neha Singh

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