



BdREN Bangladesh Research and Education Network (BdREN)

Who We Are

The only National Research & Education Network of Bangladesh

Non-profit trust under Ministry of Education, providing connectivity and digital services to the higher education community of Bangladesh. Globally connected to GÉANT & Internet2 via TEIN.

210+

institutions connected

2014

Serving R&E since

Seeking a GÉANT Twinning Partner

Presented by Dr. Leonie Schäfer GÉANT, on behalf of BdREN

tnc26

Twinning Marketplace

01 AREAS OF INTEREST



Sovereign NREN Knowledge Chatbot

- Opensource, On-prem, self-hosted LLM queries & data localization
- Crawls our website + docs; hybrid keyword + semantic retrieval
- Cited, confidence-aware answers · web widget + API



Establishing SOC

Security Operations Centre

Proactive Defence — open-source, intelligence-led security

Infrastructure Protection — safeguard the national academic backbone & data

Regional Hub — a cyber-defence leader for neighbouring NRENs

ALSO EXPLORING PROJECTS ON

Open-source self-hostable tooling, AI & GenAI applications for network & cloud, Cloud apps & services for R&E, Open infrastructure & automation

02 WHAT WE BRING

- A live, nationwide testbed across 210+ institutions
- Local hosting (L40S GPUs) for on-prem AI & GenAI
- Team expertise: Network, Cloud, Software Dev & AI
- Collaboration to the Asia-Pacific R&E community

03 THE ASK

We're seeking a GÉANT NREN twin, ready to co-design, mentor & pilot with us.

LET'S TWIN!

