



Capacity Development for Implementing eduroam in NRENs (CDIEN)

Background

eduroam allows users from an eduroam participating institution to easily obtain Internet access over the wireless network when visiting other participating Institutions, using their existing username and password. In most of the institutes from NRENs beneficiary countries, there are not enough trained personnel to implement and maintain eduroam services properly. This project trains NREN network personnel to implement the eduroam service on their home campuses and maintain and support users as required. This will play a vital role in improving and delivering the eduroam service at affiliated institutions within their country.

Objectives

- 1. Collaboration with TEIN partner countries:** The training covered the following 9 partner countries: Afghanistan (AF), Bangladesh (BD), Bhutan (BT), Cambodia (KH), Nepal (NP), Pakistan (PK), Philippines (PH), Sri Lanka (LK) and Thailand (TH).
- 2. Campus Network Survey under the NRENs of Asi@Connect partner countries** to identify the present status of networks, availability of eduroam and service issues exists in the member organizations of NREN.
- 3. Delivery of an international blended workshop i Workshop on eduroam for NRENs Campus Networki** with onsite and virtual participants from the 9 partner countries.
- 4. One webinar course for Asi@Connect NREN Campus Network users** (faculty, researchers, students, staff) explaining how eduroam works.

ACTIVITIES

Activity-1

Campus Network Survey [Completed]: A Campus Network Survey carried out in partner countries to identify the present status of networks, users, networks persons, availability of eduroam and service issues was successfully conducted. About 124 universities/ institutes from 9 different NREN countries participated in this program.



Activity-2

International Blended Workshops [completed]: An international blended workshop titled i Workshop on eduroam for NRENs Campus Network (WENCN)i was arranged successfully. A total of 42 (38 males and 4 females) network engineers from different universities of Bangladesh got hands-on training. There were an additional 50 (38 males and 12 females) network engineers from various institutions of the project who participated virtually.



WENCN | Opening Session

A total of 42 (36 males and 6 females) network engineers and technicians from different universities in Bangladesh got hands-on training. There were an additional 36 (29 males and 7 females) network engineers and technicians from various institutions of 9 Asi@Connect partner countries who participated virtually.



WENCN | Site Visit Tour



WENCN | Social Dinner



WENCN| Hands-on Session

Activity-3

One webinar course [Completed]: To familiarise end users with the eduroam service, a webinar course for Asi@Connect NREN Campus Network users was delivered in early February 2023 using the distance learning platform (BdREN zoom service). This service was developed in an earlier Asi@Connect project iFDLuDCfi, implemented by BdREN, and deployed locally from a BdREN data center. The participants are discussed implementation problems, security issues and usability of the eduroam services, which are essential to encourage use of eduroam in newly implemented campuses.

ASI@CONNECT SUPPORT

Asi@Connect supported the full financing of the project plus associated logistics.

BENEFITS TO TEIN COMMUNITY

- Technical knowledge exchanged among TEIN beneficiary networking community.
- Accelerated education roaming and hassle free Wi-Fi Internet among all Asi@Connect NRENs member organizations.
- Encouraged internet access and promote research and academic activities
- Disseminated knowledge through blended workshop among TEIN beneficiary countries.
- Reduced digital divide within NRENs networking community.
- Utilized the TEIN network over the course of the project.

For more information

Asi@Connect : www.tein.asia

Disclaimer

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