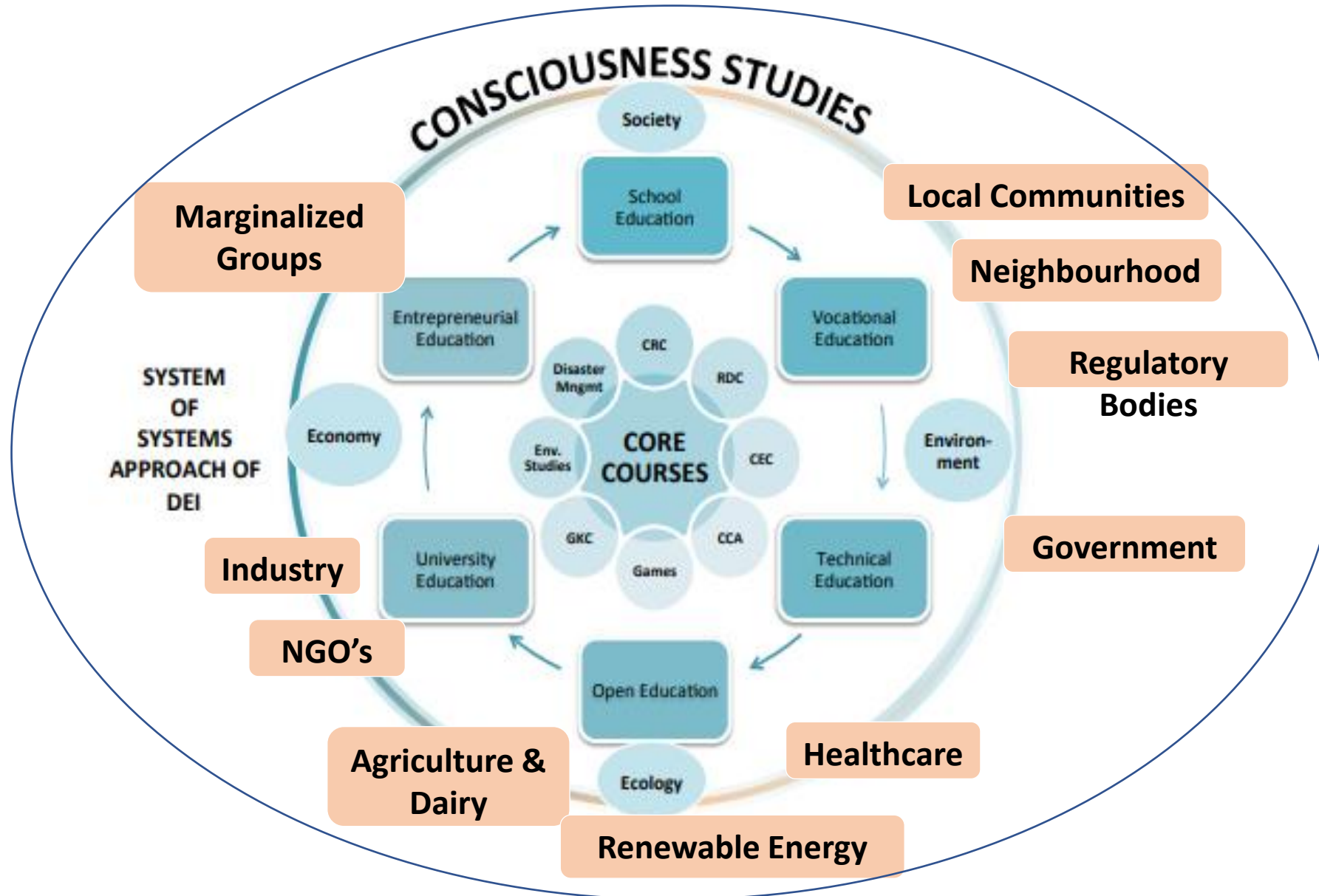


# DAYALBAGH SYSTEM OF MANAGEMENT



# BEST PRACTICES OF DEI DURING COVID-19 PANDEMIC

- *Adherence to Academic Calendar*
- *Blended-mode of Education using Smart-Mobile-Resilient Network*
- *Flexibility for all learners*
- *Encouraging Higher-Order Thinking Skills*
- *Virtual Laboratories for Practical Classes*
- *Supervised and Virtual Reality Model*
- *Regular Online Classes through videoconferencing*
- *Recorded classes are sent to students who are in rural areas where internet connection is a problem.*
- *Supplemented by Courses on various Platforms*
  - *eDEI[www.edei.com](http://www.edei.com)*
  - *Vidyaprasar*
  - *Swayam*
  - *NPTEL*
  - *E-Pathshala*
- *Regular online assessment & semester exams*
  - *Uniquely designed Take Home Tests based on Learning*
  - *Online Admission Process*



# BEST PRACTICES OF DEI DURING COVID-19 PANDEMIC

## Student Support

- *Earn While you Learn (at least minimum wages)*
- *Lowest to highest level skilling programmes*
- *Co-op. Education with industry similar to USA and Canada model*
- *Encouragement for Micro-Nano Entrepreneurship*
- *Preschool nursery KG and primary classes Students play, do healthcare exercises, get training in health nutrition and hygiene etc. in agricultural fields where they spend about 6-8hours every day*

## A Representative Case Study

Rajaborari a cluster of 10 tribal villages consists of *adivasi* population of over 5000 -chosen as an example for Dayalbagh Management System to impart education to tribals.

**How the Objectives are achieved:**

- 1. By setting up Schools, Vocational training, Production centers in ten Dhanas of Rajaborari**
- 2. Designed and Commissioned Solar power Plants with a total capacity of 20kWp at Rajaborari.**

## DEI has established Eight Schools at Rajabarari

Rajabarari Secondary School

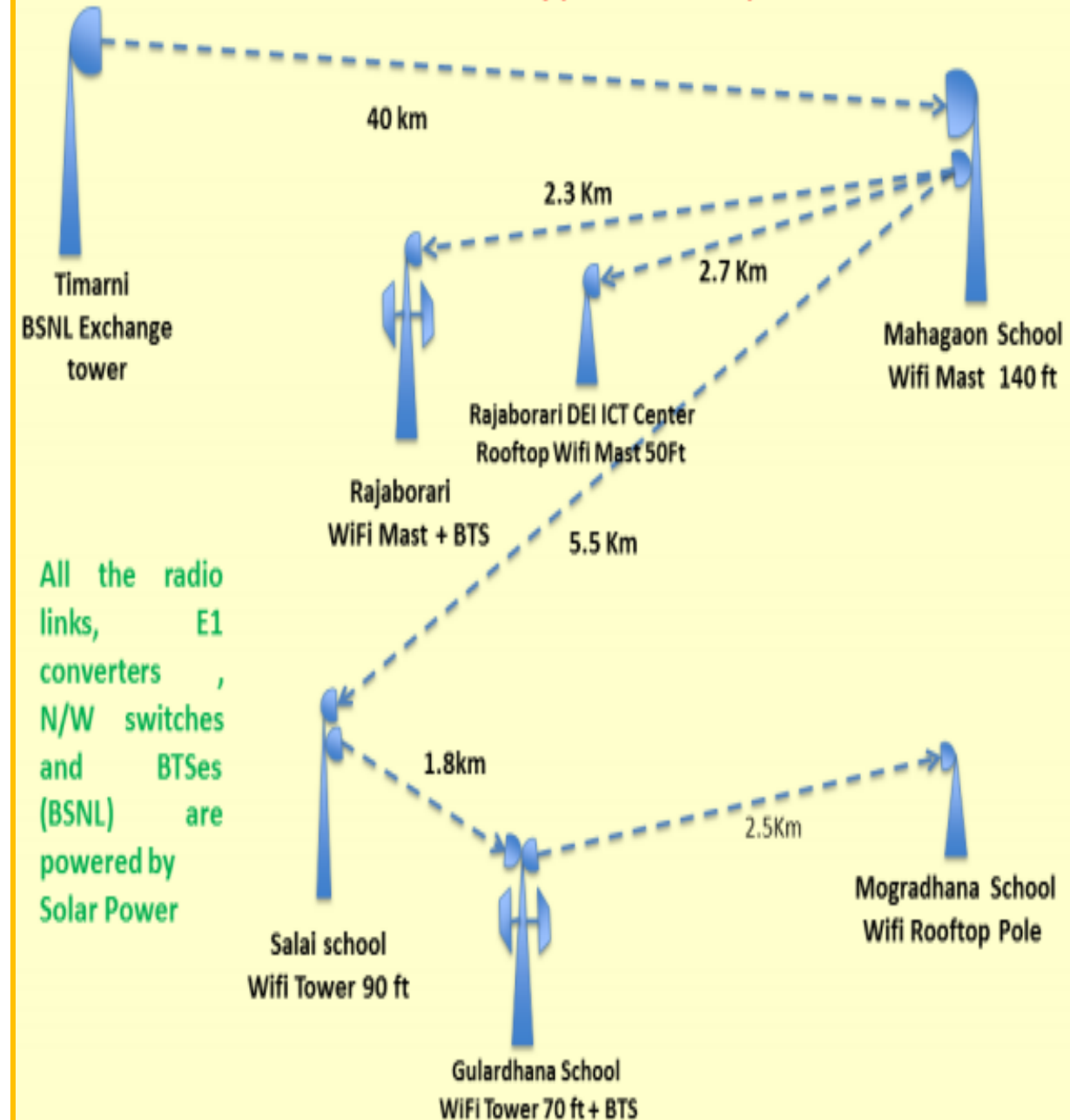


Rajabarari Primary School





## Wireless Backhaul for Internet Connectivity (for ICT Services ) and Mobile Telecom Services



## Providing Educational Umbrella

- 1. The institute has established an ICT which is connected through EDUSAT link provided by ISRO, leased line connectivity between Dayalbagh, Agra.**
- 2. ICT has enabled DEI to offer low-cost, quality education, routed via its Distance Education and ICT Centres, in a wide variety of vocational and mainstream courses.**
- 3. Connectivity has enabled access to resources such as the DEI Cloud, High Performance Computing, Virtual Classes and software which are installed at the DEI main campus.**

गंध के छात्रों को पढ़ाने के लिए ईईआईए  
पूर्व छात्र डी. सुमिर राय ने अमेरिकी कैंसर  
अमेरिकन कैंसर संस्थान (न्यूयॉर्क) में स्वास्थ्य  
लाभक रूप से सातवीं को नौवीं छोड़ दी।  
ये साल से इतनी बेहतर में शिक्षण कार्य कर  
हैं। विदेशी ऑनकोलॉजिस्ट के माध्यम से उन्होंने  
बताया कि अग्रिमोटी स्त्री को शिक्षा देने  
से उनके मन को बहुत सुख मिल रहा है।  
यहां उन्हें महज 2,800 रुपये प्रतिमाह मिल  
हैं। संसदन के चैम्बरस डिपार्टमेंट के पूर्व  
विभागाध्यक्ष प्रो. एसपी चौधरी ने पिछले पांच  
साल से वैश्व के छात्रों को पढ़ा रहे हैं।



# DEI-Stanford-DBT Collaboration

## First International Workshop in Rajaborari Tribal Area



**Foldscope and Frugal Innovation Works**  
For students belonging to  
**Tribal, Rural Areas and Aspirational Districts**  
at  
**DEI ICT Center Rajaborari (Tribal Area)**  
(April 17<sup>th</sup> - 18<sup>th</sup>, 2019)





# Technology & Networking as a Comprehensive Enabler of Education

## e-Learning

- MOOCS: SWAYAM @ DEI
- Vidyaprasar: DEI course portal
- Vocational courses; Digitization



## Online- Teaching

Student-centered online teaching-learning system (SCOTLS)



## Virtual Laboratories

- Remote Triggered Labs
- Simulation Labs
- Measurement Labs



## Quantum and Nano Computing Virtual/ Consciousness Center Superintelligence & Robotics



MEG Facility

Sir Roger Penrose

## Information-communication-neuro-cognitive-Technologies Assisted Language Lab (i-c-n-c-TALL)



## e-Services

- EdRP Software

## 3G-5G & IoT/ Rural Connectivity



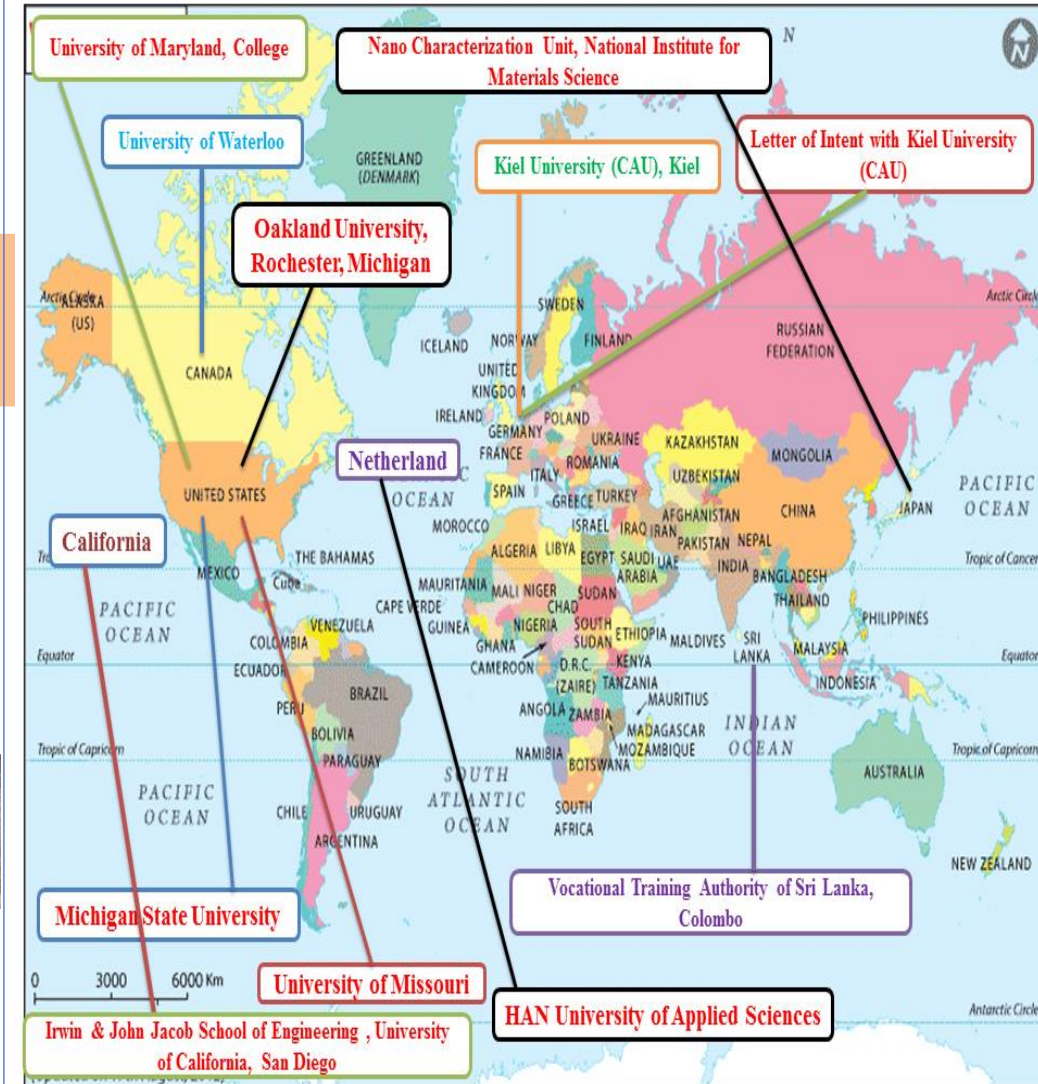
## Hole in the Wall



## Telemedicine



**Collaborations & MoUs: 45 National, 19 International;  
33 Industry Partners, 44 Research Collaborations, 5 Hospitals**

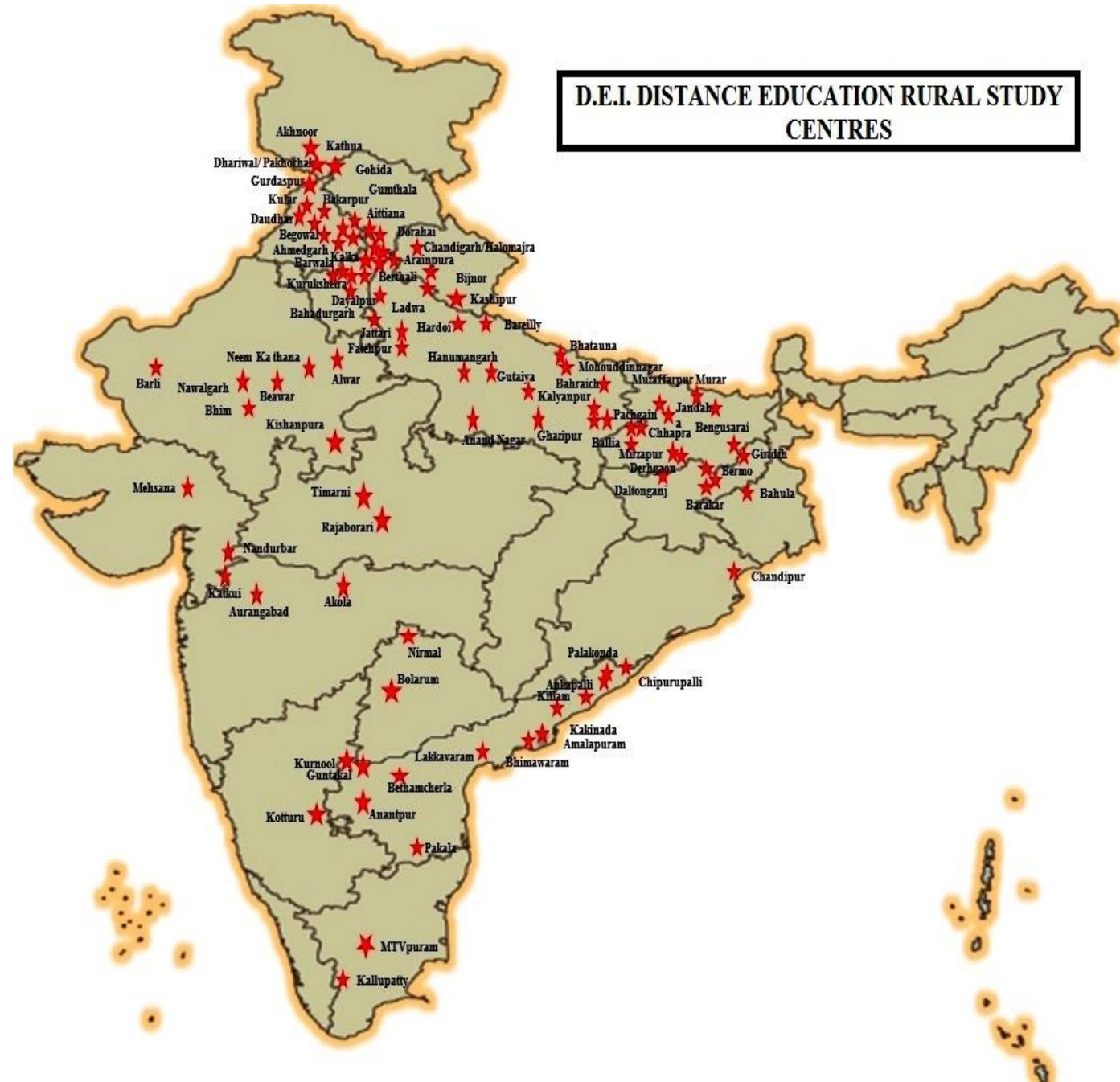




## Future Scope: Scaling Up


Dayalbagh Educational Institute has **450 ±1**, IT Centres spread across the entire India.

The holistic approach proposed as a case study for Rajaborari can be extended to other centres also to make this approach scalable to entire India for supporting the last, lowest and the least.




About eDEIwww.education

DEI



eDEIwww.education

STUDY Anytime, Anywhere.....



You are here: Home

Important Links

- ✓ [Towards Evolutionary Art, Science and Engineering of Consciousness \(TEASE Consciousness\)](#)
- ✓ [Report of the Herbal Plantation & Collection Project in Dayalbagh 2019-20](#)

Education to the doorstep of last, lowest, least and lost.

About eDEIwww.education

Dayalbagh Educational Institute (DEI) is all set to embark on fully online delivery of certificate Courses, Diplomas and Degree programmes through e-DEI-World Wide Web (Not for profit) or **eDEIwww.education**. Each program is divided as modules of 2-3 courses with 9 weeks duration. The modules are administered in an online format involving standard web-based delivery components as well as a unique aspect of online consulting and discussion forums through audio and video conferencing. A student will enrol for a module or a program and after completing the requirements for the module or the program will be awarded a module or program completion certificate.