

Scheme of Community Development Through Polytechnics Progress of Northern Region




Scheme of Govt. of India

Community Development through Polytechnics (CDTP)

Year of Inception of CDTP Scheme

2009-2010

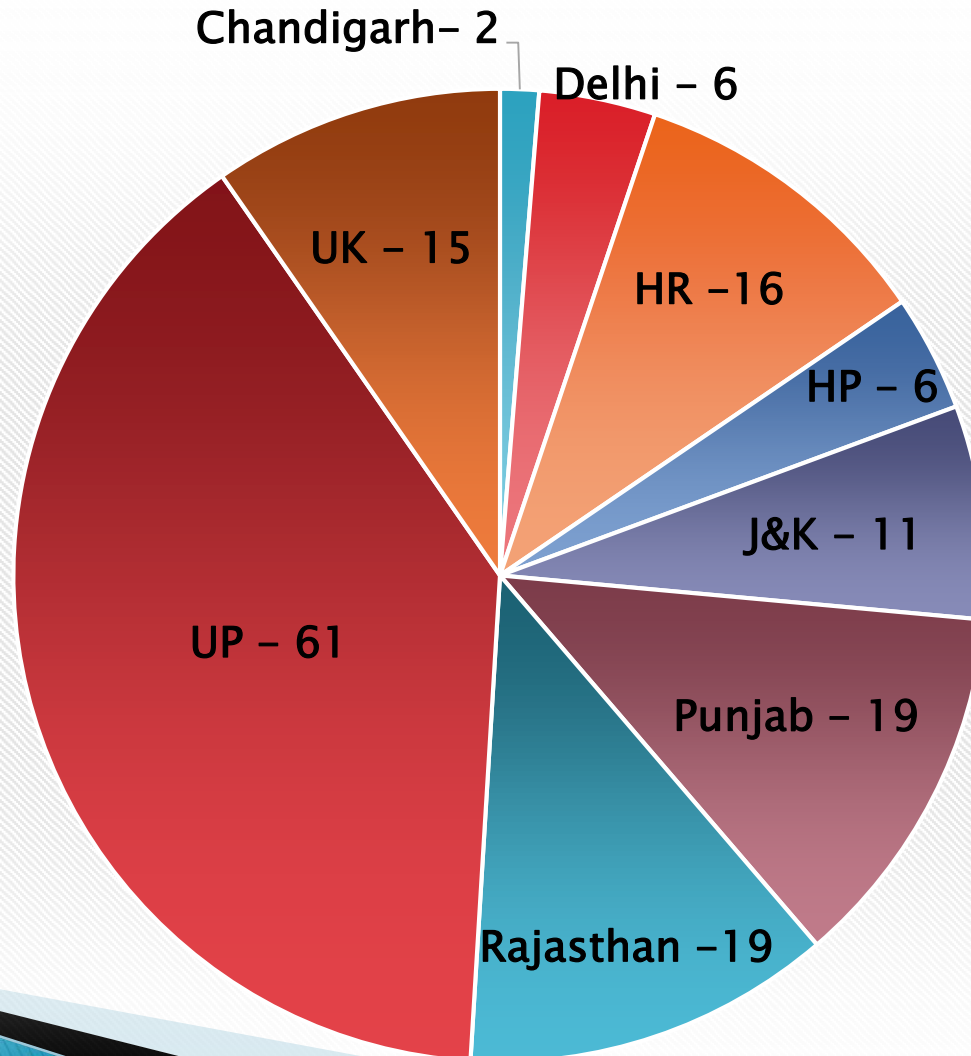
Major Activities

- ▶ **Conducting Need Assessment Surveys**
 - ▶ **Organising Skill Development Training Programmes**
 - ▶ **Popularizing the Application of Appropriate Technologies**
 - ▶ **Providing Technical and Support Services**
 - ▶ **Disseminating the Information**
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Target Groups

To provide benefit to the poor sections of the society, in particular SCs/STs, OBCs, women, school dropouts, minorities, physically disabled, economically weaker sections of the society and other under-privileged persons

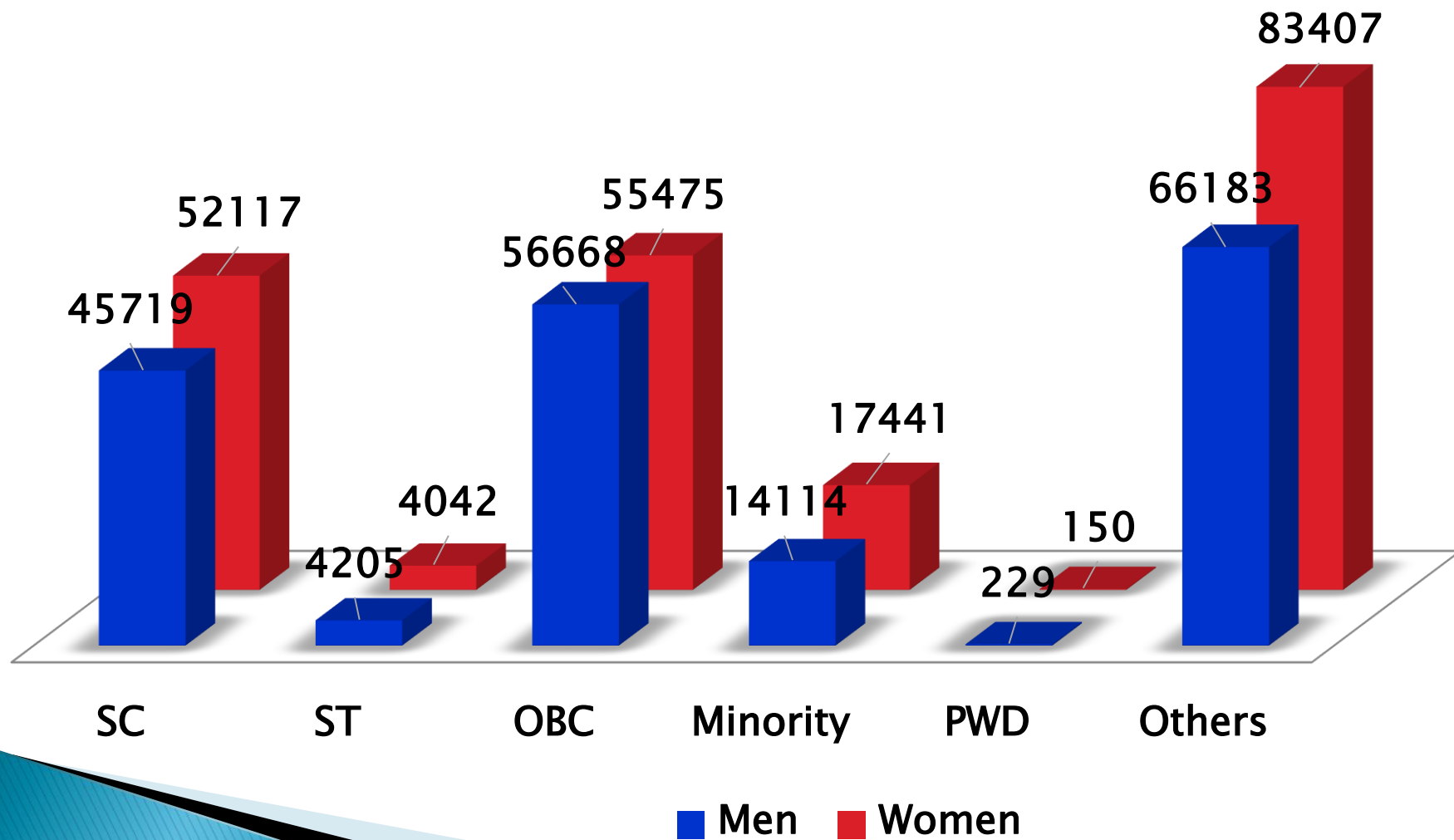
Institutions Implementing CDTP scheme in Northern Region (NR) - 155 Polytechnics



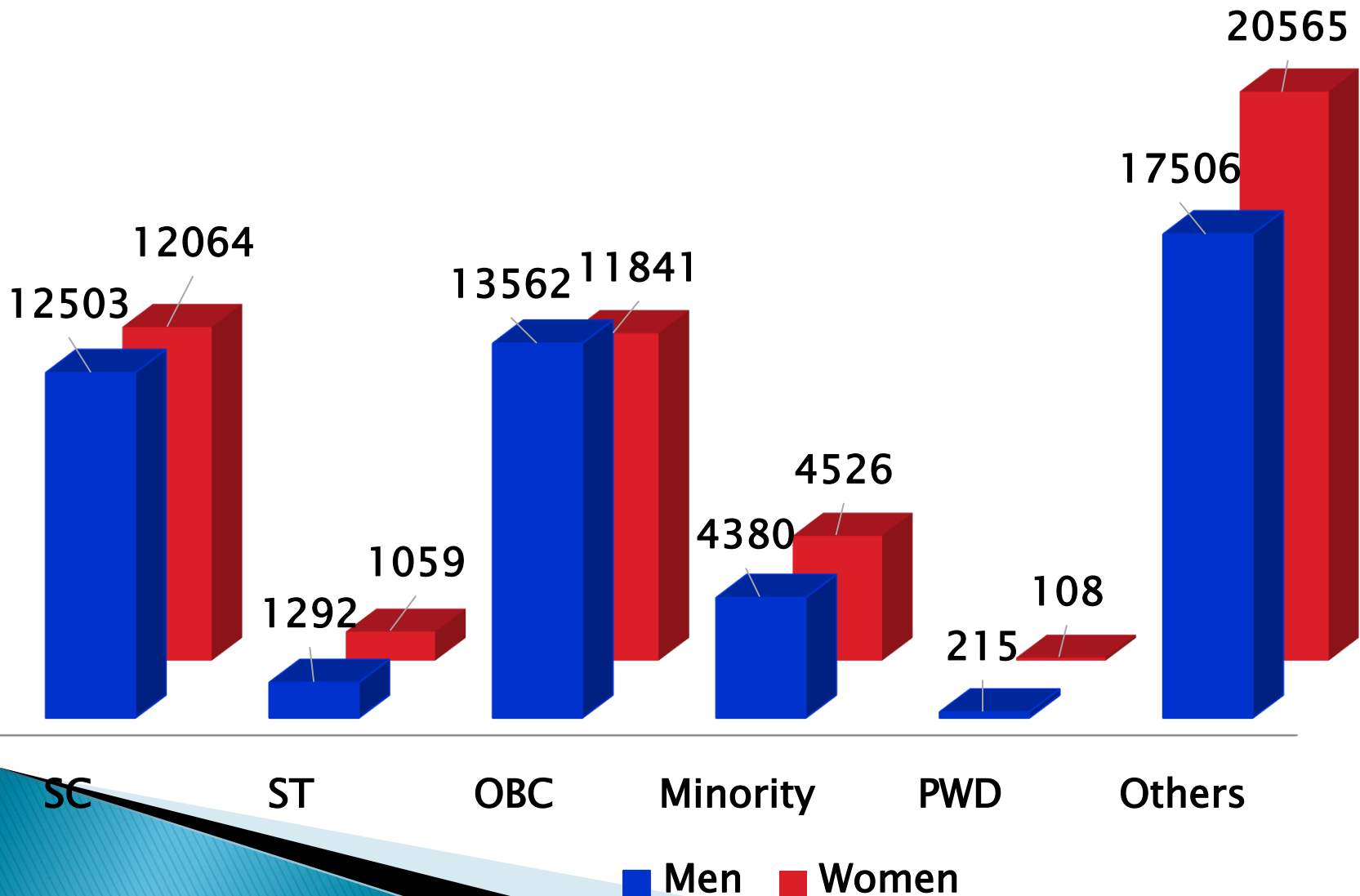
Progress of Training programs under CDTP Scheme in NR since Inception (2009-2020)



Persons Trained under CDTP Scheme in Northern Region since Inception (2009-2020)



Persons Self/Wage Employed under CDTP Scheme in NR since Inception (2009-2020)



Popular Skill Development Training Programs in Northern Region

Engineering Trades

Mechanical

- ▶ Automobile repairing/Diesel Mechanic
- ▶ Basic auto servicing
- ▶ Basic ceramic work
- ▶ CNC milling
- ▶ CNC Operator
- ▶ CNC turning
- ▶ Denting and painting
- ▶ Diesel Pump Mechanic
- ▶ Electroplating
- ▶ Farm Equipment Mechanic
- ▶ Fitter
- ▶ Hand pump boring and repairing
- ▶ Machinist
- ▶ Refrigerator and A/C Mechanic
- ▶ Sheet metal and welding
- ▶ Tractor Mechanic

- ▶ Spray painting
- ▶ Steel, aluminium frame work/aluminium fabrication
- ▶ Turner
- ▶ Welding and fabrication

Electrical and Electronics

- ▶ Auto electrician
- ▶ Battery charging and repair
- ▶ Electrical Appliance Repair
- ▶ Electrician
- ▶ House wiring
- ▶ Motor winding
- ▶ Phone and Mobile Repair
- ▶ Stabilizer, Inverter, UPS making and repair
- ▶ TV/VCR/VCD/Tape Recorder repair

Popular Skill Development Training Programs in Northern Region

Civil

- ▶ Bar Bending, Centring/Scaffolding
- ▶ Bio Gas Plant Mechanic
- ▶ Boring/Drilling Mechanic
- ▶ Carpentry and Furniture making
- ▶ Hand pump Mechanic
- ▶ Mason Work
- ▶ Plumbing work

Computer and IT

- ▶ Computer based Accounting
- ▶ Computer Hardware and Networking
- ▶ Computer Hardware and Maintenance
- ▶ Computer Operator / Data entry operator
- ▶ MS Office and Internet Concepts
- ▶ DTP Work

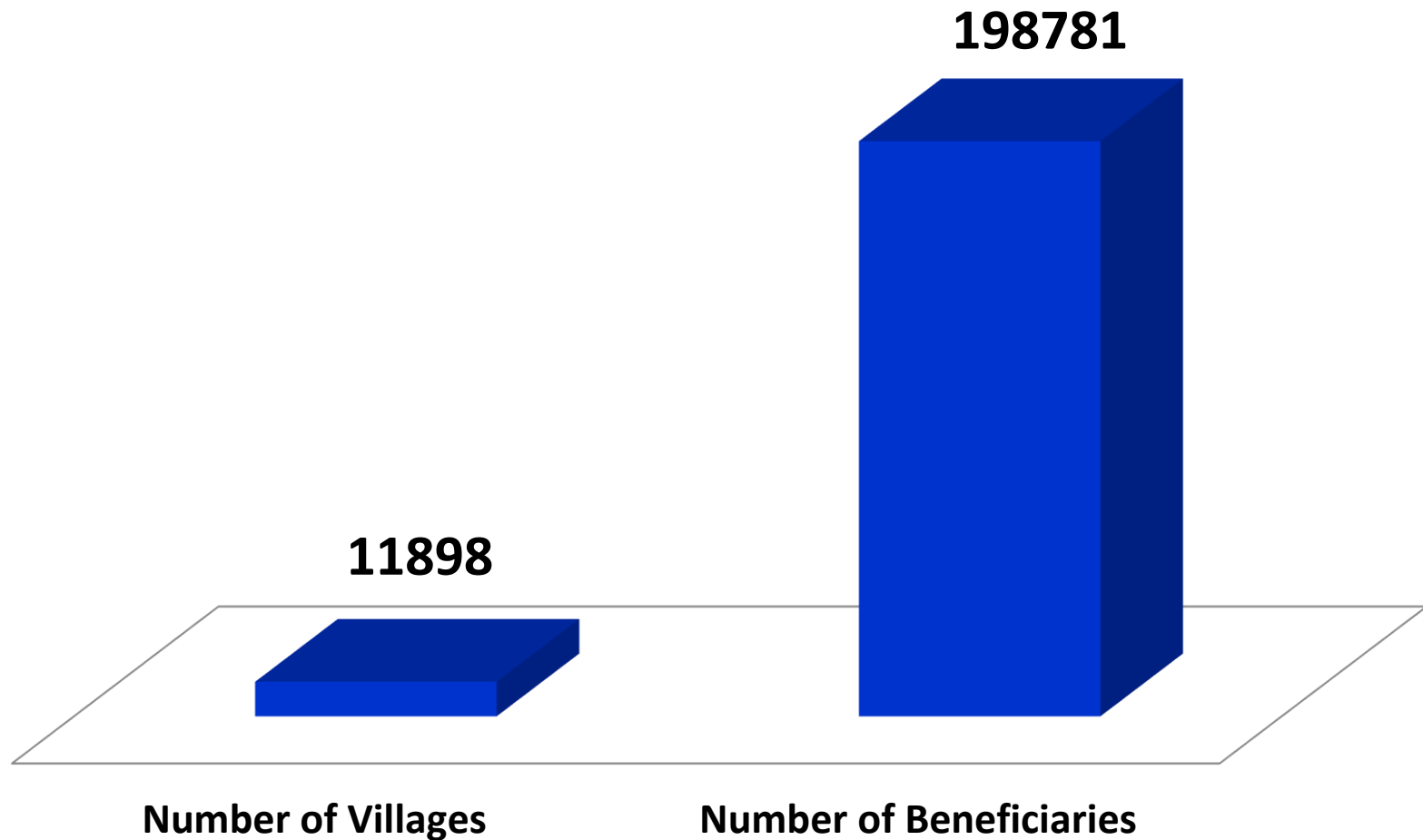
Agricultural

- ▶ Food processing and fruit preservation
- ▶ Gardening/Nursery Raising
- ▶ Mushroom Cultivation
- ▶ Organic Manure/Compost Making

Non-Engineering Trades

- ▶ Beautician and Hair Dressing
- ▶ Carpet-cum-Kaleen Weaving
- ▶ Cutting and Tailoring
- ▶ Footwear making
- ▶ Garment making
- ▶ Tilla, Crewel, Sozni Work, Willow, Basket making

Progress of Application of Appropriate Technology under CDTP Scheme in Northern Region since Inception (2009-2020)



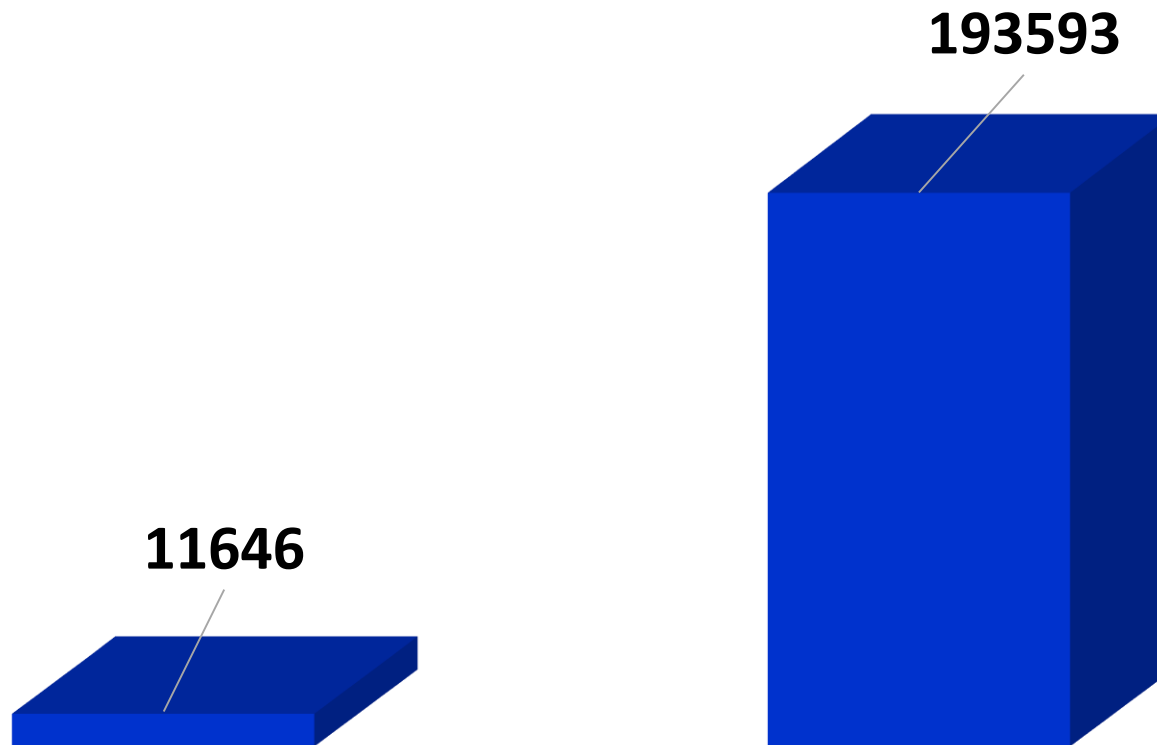
Popular Appropriate Technologies in Northern Region

- ▶ Non erodible mud plaster
 - ▶ Biogas Plant
 - ▶ Rural Fridge
 - ▶ Solar Cooker
 - ▶ Solar Dryer
 - ▶ Solar Lantern
 - ▶ Solar Still
 - ▶ Solar Street Light
 - ▶ Solar water heater
 - ▶ Improved Chulha
 - ▶ Smokeless Chulha
 - ▶ Soil Stabilized Blocks
 - ▶ Stone Masonry Blocks
 - ▶ Ferro cement Roofs and Walls
 - ▶ Ferro cement flower pot
 - ▶ Ferro cement grain storage bin
 - ▶ Ferro cement posts for boundary wall
 - ▶ Ferro cement/pre cast tree guards
 - ▶ Hollow Concrete Block
 - ▶ Briquette Making
 - ▶ Pre-cast jalties
 - ▶ Pre-cast paving blocks
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Popular Appropriate Technologies in Northern Region

- ▶ Low cost Doors, Windows and Fixtures
- ▶ Fibre Cement Corrugated Roof Sheet
- ▶ Ferro cement Water Storage Tank
- ▶ Low Cost Water Filter
- ▶ Water Testing
- ▶ Water Treatment
- ▶ Low Cost Soakage Pit
- ▶ Low Cost Latrine
- ▶ Low Cost Septic Tank
- ▶ Ball Bearing Type Hand operated Chakki
- ▶ Milk Churning Machine
- ▶ Herbal Plants Cultivation
- ▶ Leaf Cup Making Machine
- ▶ Mushroom Cultivation
- ▶ Plant Protector
- ▶ Rope Making
- ▶ Vegetable Cutting Machine
- ▶ Hand Operated fertilizer spreader
- ▶ NADEP Compost
- ▶ Vermiculture
- ▶ Hand Maize Sheller
- ▶ Bee Keeping
- ▶ Soil Testing

Progress of Technical and Support Services under CDTP Scheme in Northern Region since Inception (2009-2020)



Number of Villages

Number of Beneficiaries

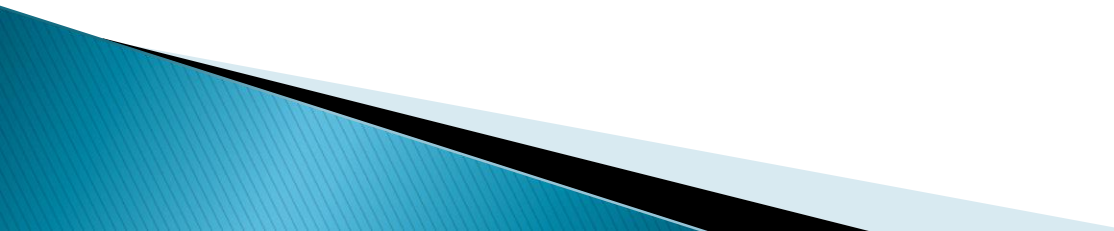
Popular Technical and Support Services in Northern Region

- ▶ **Repair and maintenance of Scooter and mopeds**
- ▶ **Repair and maintenance of type writer**
- ▶ **Repair of Furniture and Carpentry items**
- ▶ **Repair of House Wiring**
- ▶ **Repair of Refrigerator and water coolers**
- ▶ **Repair of TV**
- ▶ **Repair of Computers**
- ▶ **Repair of Furniture and Carpentry items**
- ▶ **Sewing, knitting and weaving machine repair**
- ▶ **Welding jobs and repair**
- ▶ **Assistance to Micro-Entrepreneurs**
- ▶ **Repair and Maintenance of Loom, Machines**
- ▶ **Tree Plantation**
- ▶ **Repair of Drains**
- ▶ **Cycle repair**

Popular Technical and Support Services in Northern Region

- ▶ **Nursery Raising**
- ▶ **Repair and maintenance of agricultural implements**
- ▶ **Repair and Maintenance of Diesel Engines**
- ▶ **Repair and Maintenance of Electric Motors and Pumps**
- ▶ **Repair and maintenance of Hand Pumps**
- ▶ **Repair and maintenance of Tubewells**
- ▶ **Repair of Tractors**
- ▶ **Electrical motor winding and motor repair**
- ▶ **LPG use and safety and repair**
- ▶ **Plumbing repair**
- ▶ **Repair and maintenance of electrical gadgets**
- ▶ **Repair and maintenance of house hold appliances**
- ▶ **Repair and maintenance Solar Lights**

Major Issues and Challenges

- ▶ **Delay in release of grant**
 - ▶ **Inadequate remuneration to project staff**
 - ▶ **CDTP scheme versus other schemes**
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Thank you