

**6<sup>th</sup> Annual Ideal Village Conference@Stanford:  
Sep 29 2021**

**Vocational Education for Rural Skilling**

**Vocational Nursing Case study –  
A prescription for both Lives and Livelihoods**

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# India's largest Public ANM education: Bringing ITian spirit to healthcare education



Top 3 state ranks in  
Jharkhand ANM exam 2019

- Total annual intake of ANM nurses in **Government nursing colleges** (affiliated to public hospitals) **across India** is **8728** (source-INC annual report 18-19 pg 42)
- **PanIT** built India's Largest Public Healthcare Education System in **an Year's Time** with **960** (vs 8728 all India annual intake) ANM Seats: Jharkhand 2019 Case Study



Non-Profit Joint Venture  
with State



Best in class infra



Healthcare livelihoods for  
building last mile capabilities



Training in affiliated  
public hospitals



**Entrance  
exam with  
merit-cum-  
means  
selection**

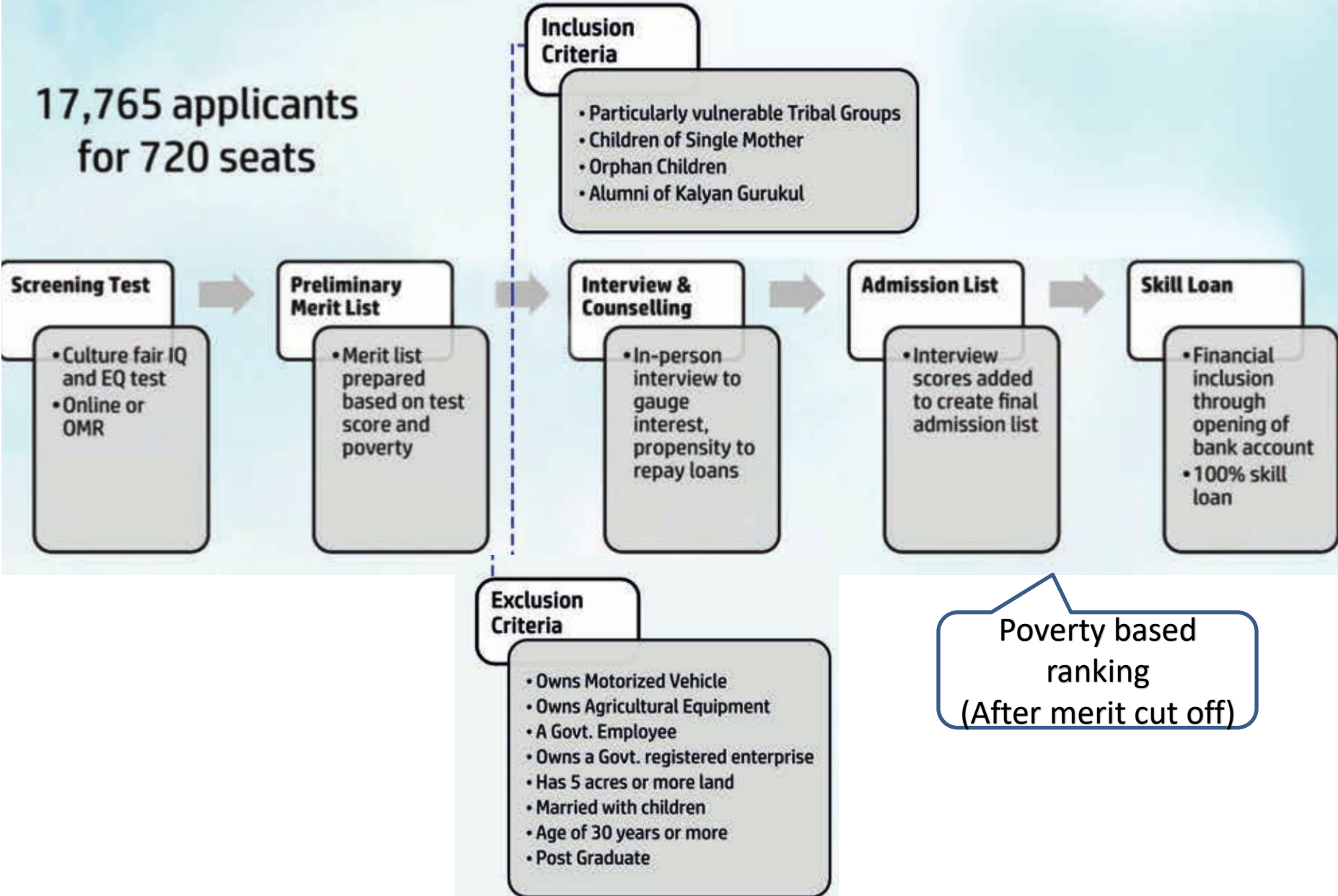
**Kaushal College admissions test-17,111 candidates for 720 seats**



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# Admission exclusively for poor

17,765 applicants  
for 720 seats



# Admission exclusively for poor (BPL+MPI+Classification)

BPL Parameters							
S.No	Criteria	4	3	2	1	0	Score
1	Size group of operational holding of land	Nil	Less than 1 ha. of un-irrigated land (or less than 0.5 ha. of irrigated land)	1 ha.-2 ha. of un-irrigated land (or 0.5-1ha. of irrigated land)	2 ha. -5 ha. of un-irrigated land (or 1.0-2.5 ha. of irrigated land)	More than 5 ha. of un-irrigated land (or 2.5-ha. of irrigated land)	
2	Type of house	Houseless	Kutchha	Semi-pucca	pucca	Urban type	
3	Average availability of normal wear clothing (per person in pieces)	Less than 2	2 or more, but less than 4	4 or more, but less than 6	6 or more, but less than 10	10 or more	
4	Food Security	Less than one square meal per day for major part of the year	Normally, one square meal per day, but less than one square meal occasionally	One square meal per day throughout the year	Two square meals per day, with occasional shortage	Enough food throughout the year	
5	Sanitation	Open defecation	Group latrine with irregular water supply	Group latrine with regular water supply	clean group latrine with regular water supply and regular sweeper	Private latrine	
6	Ownership of consumer * durables : Do you own (tick (P))	Nil	Any One	Two items only	Any three or all items	All items and/or Ownership of any one **	
7	Literacy status of the highest literate adult	Illiterate	Upto primary (Class V)	Completed secondary (Passed Class X)	Graduate / Professional Diploma	Post Graduate/Professional Graduate	
8	Status of the Household Labour Force	Bonded Labour	Female & Child Labour	Only adult females	Adults males only	Others	
9	Means of livelihood	Casual labour	Subsistence Cultivation	Artisan	Salary	Others	
10	Status of children (5-14 years) [any child]	Not going to School and working	Going to School and working			Going to School and NOT working	
11	Type of indebtedness	For daily consumption purposes from informal sources	For production purpose from informal sources	For other purpose from informal sources	Borrowing only from Insitutional Agencies	No indebtedness and possess assets	
12	Reason for migration from household	Casual work	Seasonal Employment	Other forms of livelihood	Non-migrant	Other purposes	
13	Preference of Assistance	Wages Employment	Self Employment	Training and Skill Upgradation	Housing	Loan / Subsidy more than Rs. one lakhs or no assistance	

S.No	Card Type	Sore
1	Antyodaya	10
2	BPL	5
3	Annapurna	5
4	No cards	0

## Admission exclusively for poor (BPL+MPI+Classification)

Poverty	Indicator	Deprivation cut-off: a household is deprived if...
Health	Nutrition	Any adult under 70 years of age or any child for whom there is nutritional information is undernourished. Adults 20 to 70 years are considered undernourished if their Body Mass Index (BMI) is
	Child mortality	Any child under the age of 18 years has died in the family in the five-year period preceding the survey.
Education	School quality	Deprived if any child is not going to school because of quality issues (not enough teachers, schools are far away, too costly, no male/female teacher, substandard schools), or is attending school but remains
	School attendance	Any school-aged child is not attending school up to the age at which he/she would complete class eight.
Standard of living	Cooking Fuel	The household cooks with dung, wood, charcoal or coal.
	Internet	There is no connection to the internet in the household.
	Drinking Water	The household does not have access to improved drinking water (according to SDG guidelines) or improved drinking water is at least a 30-minute walk from home, round trip.
	Electricity	The household has no electricity.
	Overcrowding	The number of persons per sleeping room is three or more
	Bank account	No member has a bank account

# Dewanti Kumari

*Dewanti is now your (Kaushal College) daughter. You will educate, clothe and feed her and secure a job for her after this. We have been told this.*

- Dewanti's Father

Dewanti's father is a casual agricultural labourer who barely makes about Rs. 2000 per month. They live in a kuccha two roomed structure without access to electricity, clean drinking water or even toilet. The family barely has 0.6 acres of agricultural land which is used for cultivating paddy during the rainy season.

Her family has largely depended on migration to various cities across India to work as casual labourers. Her father had migrated to Punjab to work as an agricultural labourer to repay the loan taken for his father's funeral. Similarly, her two brothers had migrated to Maharashtra for work previously. However, their experience with migration remains bitter as both Dewanti's brothers died when they migrated for employment. The family bemoans that they could not even get back the dead bodies of their children after death.

Given their own lack of education, Dewanti's parents do not know how much she has studied. They believe that got to know about Kaushal College through her school teacher and was inspired to train as a nurse. However, they liked the ambience of the Kaushal College and were assured by the teachers at Kaushal College that she is now like the daughter of Kaushal College. They hope that she would be treated as their own.

## Household livelihood

### Household Survey Photos

Household Survey by **TISS** 



Dewanti's Mother and Father



Kachcha House



Live-stock

## Multi-Dimensional Deprivation of the Household as per UNDP

Dimensions	Sub-dimensions	Deprivation
Health	Any currently enrolled student has Body Mass Index (BMI) calculated as the ratio between weight (in Kilograms) and Height (in meters) 2 of less than 18.5 kg/m <sup>2</sup>	No
	Child Mortality (Any child under the age of 18 years has died in the five years preceding the survey.)	No
Education	Any household member above the age of 25 years of age has not completed more than 5 years of schooling	No
	School attendance (Any school-aged child is not attending school up to the age at which he/she would complete class 8.)	Yes
Standard of Living	Drinking water (The household does not have access to improved drinking water (according to SDG guidelines) or safe drinking water is at least a 30-minute walk from home, round trip.)	Yes
	Cooking Fuel (The household cooks with dung, wood, charcoal or coal.)	Yes
	Sanitation (The household's sanitation facility is not improved (according to SDG guidelines) or it is improved but shared with other households.)	No
	Electricity (The household has no electricity.)	Yes
	Housing (Housing materials for at least one of roof, walls and floor are inadequate: the floor is of natural materials and/or the roof and/or walls are of natural or rudimentary materials.)	Yes
	Assets (The household does not own more than one of these assets: radio, TV, telephone, computer, animal cart, bicycle, motorbike or refrigerator, and does not own a car or truck.)	Yes

### Formal linkage to economy and ecosystem

Parameters	Applicability
Kisan Credit Card	✗
Guardian in SHG	✗
Any form of formal loan	✗
Households with non-agricultural enterprises registered with government/ Govt Employee	✗
Paying Income Tax	✗
Ration Card	✓
Passport	✗
Availing other govt schemes	✗

### Social Profile

Caste	Family Occupation	Family Income
OBC	Farmer	24,000 per annum



#### Impact

##### Academic Impact :

Scored 708 out of 800 in 1st year SNRC exam with State Distinction

##### Livelihood impact :

OJT followed by pre placement offer (PPO) at CTC of Rs 17,000/- per month with Apollo Home Healthcare



# All trainee ANM nurses serve affiliated public hospitals as part of their on site training (including during covid)



Birthing Simulation Lab

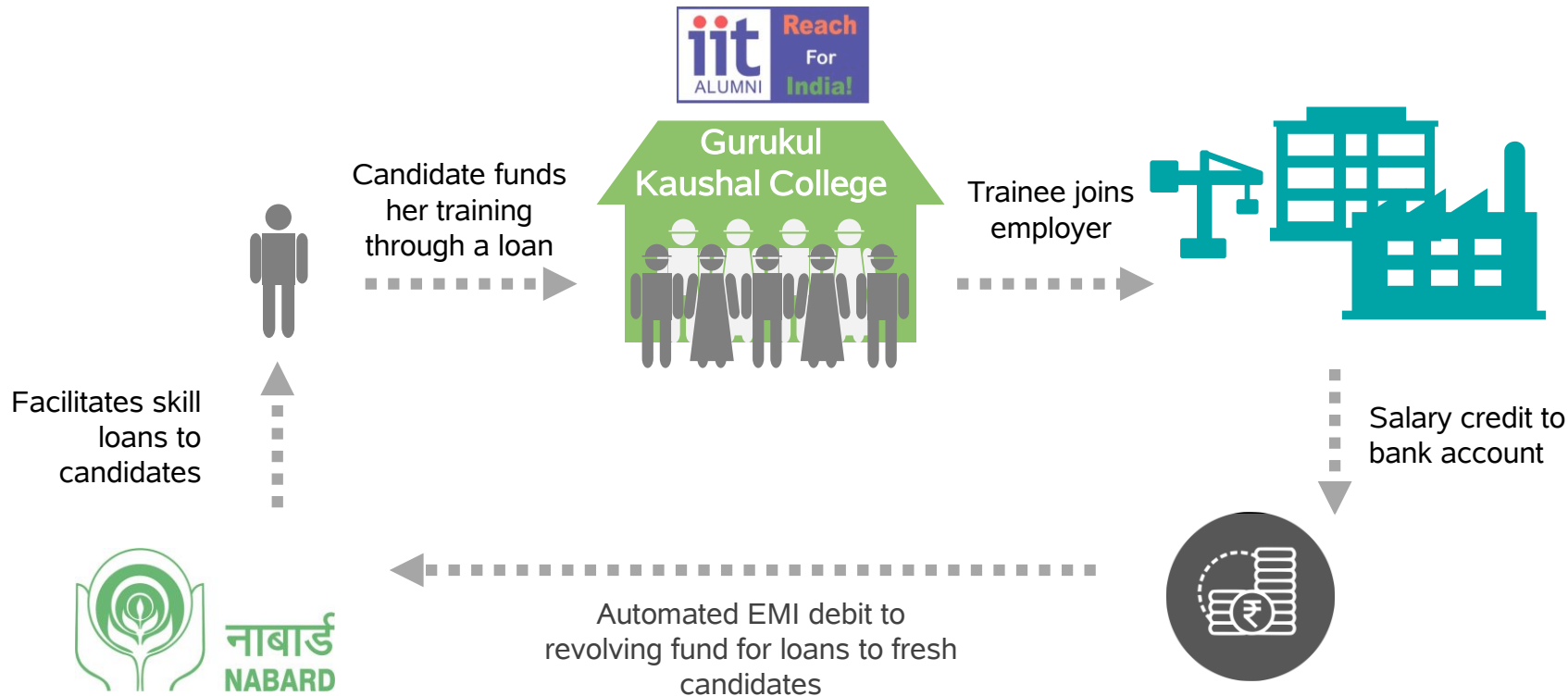


OT & Emergency Simulation Lab



Supervised Practical

# Skill Loan model to ensure sustainability



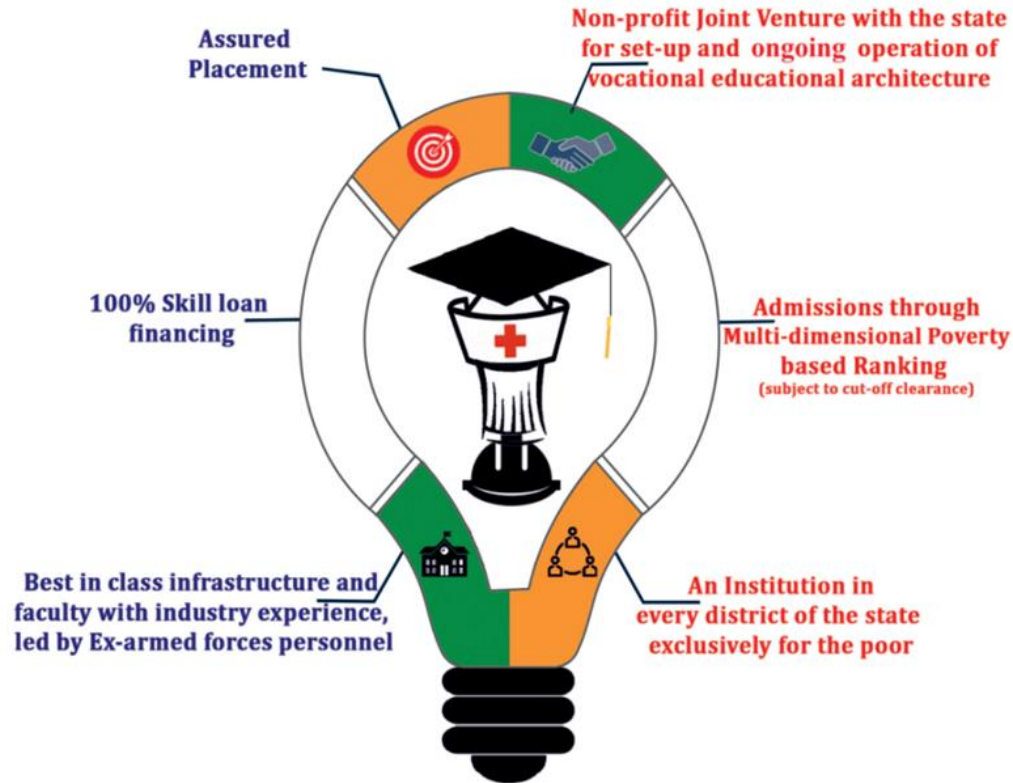
## Customer (not beneficiary)

Trainees can avail 100% loan but need to self select for taking up liability of repayment upon placement

## Focus on Retention & OJT

Training process doesn't stop at Gurukul but continues to on-job-training (OJT) for learning, earning and repaying

# Bringing IVY league Spirit into vocational Education



**Bringing the IITian spirit to Vocational Education**

***exclusively for the underprivileged***

**through non-profit joint venture with the state**

# Collaboration (including with Government)

Autonomous Non-profit Joint enterprise with state to access govt capital assets for public services delivery synergized by alignment of missions

## Bringing the IITian spirit to vocational education in Jharkhand

### Inception & Institutionalization of the IITian Spirit

Best-in-class institutions exclusively for the underprivileged with assured placement & 100% skill loan financing set-up in every district of Jharkhand with cumulative training capacity of 10,000 candidates :

- 'RESIDENTIAL' KAUSHAL COLLEGES IMPARTING 1-2 YEARS TRADE LICENSE COURSES UNDER SCVT/SNRC in ANM nursing, manufacturing, culinary trades with a training capacity of 2500 candidates per annum.
- 'RESIDENTIAL' SKILL GURUKULS IMPARTING 'FIT FOR PURPOSE' 2-3 MONTHS TRAINING in construction, infrastructure, textile, logistics and manufacturing sectors with a training capacity of 7500 candidates per annum.
- 'RESIDENTIAL' KAUSHAL VIDYA ACADEMY for a 2 year ITI integrated with class XI and XII. Proposed LEED certified 50 acre campus being set-up with a capacity of 2000 candidates.



# Public Nursing colleges in remotest Left wing extremism (LWE) districts of India



ITI Kaushal College, Ranchi



Nursing Kaushal College, Gumla



Nursing Kaushal College, Chanho



Nursing Kaushal College, Itki



Nursing Kaushal College, Seraikela



Nursing Kaushal College, Sahibganj



Nursing Kaushal College, Latehar



Nursing Kaushal College, Jamtara



Nursing Kaushal College, Chaibasa

# COVID -19 Response: India's first PPP model diagnostic labs across 10 Aspirational districts with lowest per-capita-opex and 65% state testing



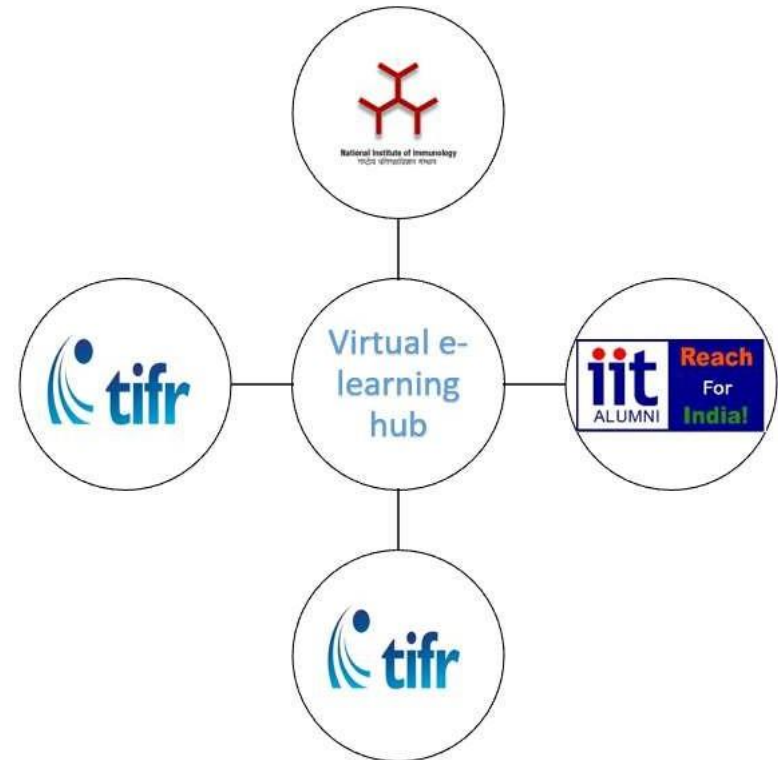
# Covid19 Response

Addition of 500 beds (110 ICU / 390 non- ICU oxygenated beds) at RIMS (Apex hospital of Jharkhand)



# Covid19 Response

## Skilled Manpower for Covid Testing- Office of Principal Scientific Advisor





The winner is neither DC nor Marvel for real superheroes...!

## REAL SUPERHEROES



*Let us take the opportunity to thank and more importantly invest in Front line healthcare workers and in their education for capacity building...*