

Digital Initiatives in Higher Education in India during COVID-19

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**Inter-agency
Network for Education
in Emergencies**

Webinar Housekeeping



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Post questions in the Zoom chat at any time.



This session is being recorded.



Closed captioning available in En



The recording and presentations will be shared on the INEE website – inee.org



Agenda

- Welcome
- A brief intro to INEE Community of Practice
- Our Experts
- Digital Initiatives in India during the pandemic
- Q&A



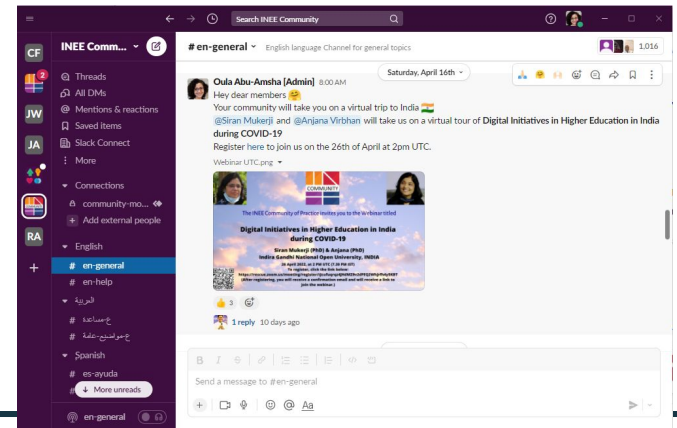
INEE Community of Practice

The CoP gives INEE members a voice

The CoP is an online platform (Slack) to encourage networking, experience sharing, and collaborative actions.

It provides:

- Communication mainly using texts and emojis, shared documents and polls
- Dynamic set of moderated thematic and country-based and linguistic [channels](#) in the INEE five languages
- **Secure Peer-to-peer modalities** in any language
- Audio and video capabilities
- Data-savvy and Accessible on most devices



For more information visit the [CoP webpage](#)



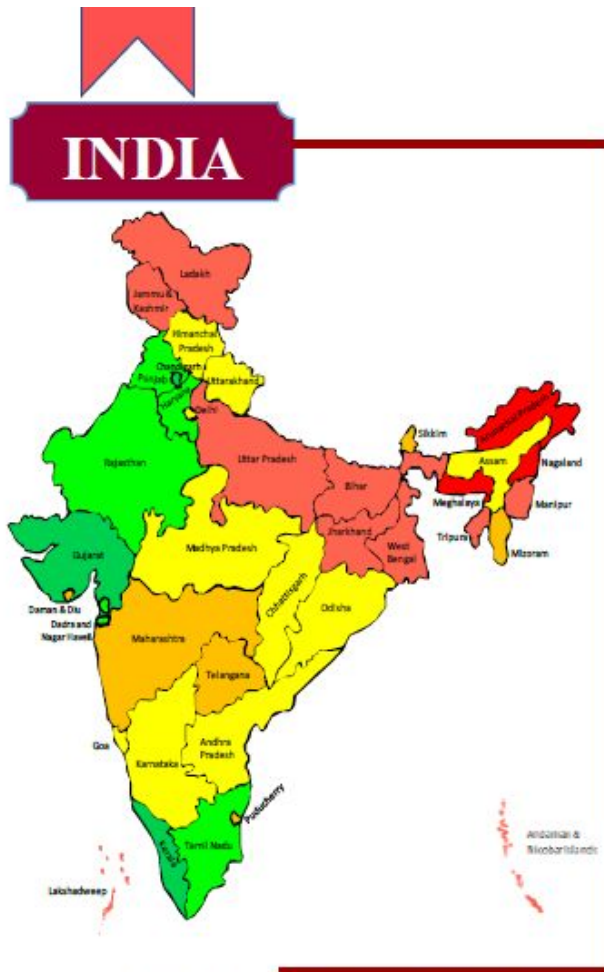
Our Experts

Indira Gandhi National Open University (IGNOU)

- **Dr. Siran Mukerji**, Additional Director (Professor Scale), responsible for student performance assessment and related support services management in the regional office at Noida (UP)
- **Dr. Anjana Virbhan**, Assistant Regional Director in Delhi, Responsible for Learner Support Services mainly in Distance Learning contexts



India: Demographic Profile



Demographic Data

Projected Population (18-23 years) (in Cr)¹

Male	Female	Total
7.3	6.9	14.2

Literacy Rate²

Male	Female	Total
82.1	65.4	74

Student's Enrolment³

Male	Female	Total
19643747	18892612	38536359

Gross Enrolment Ratio (by Gender)³

Male	Female	Total
26.9	27.3	27.1

Gross Enrolment Ratio (by Social Group)³

ALL	SC	ST
27.1	23.4	18.0

Gender Parity Index³

ALL	SC	ST
1.01	1.05	0.97

Source: ¹ Population Projection Based on Census 2001

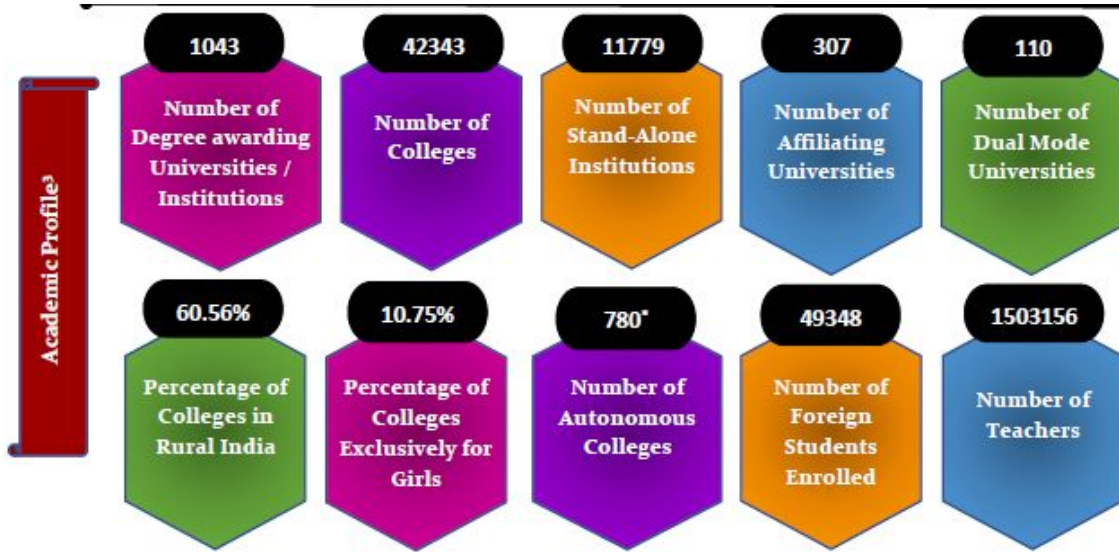
² Census 2011

³ AISHE 2019-20

* UGC Status List as on 23.11.2020



India: Higher Education Profile

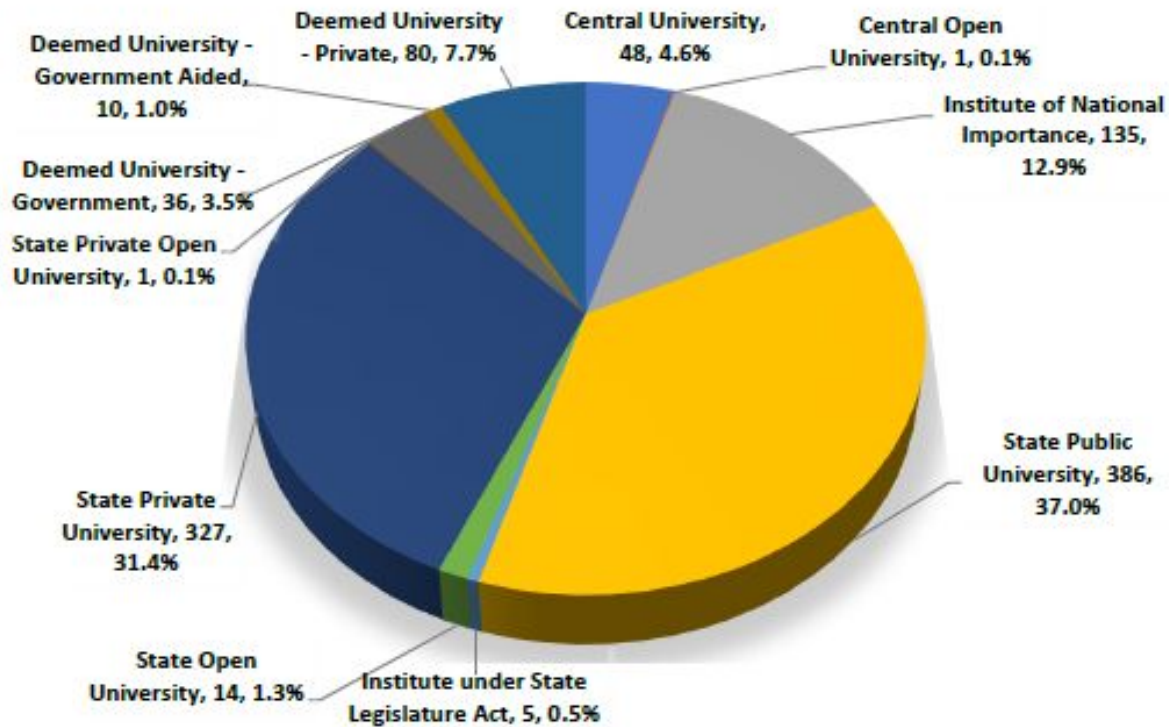


• Stand-alone Institutions (not affiliated with Universities) which are not empowered to provide degree and therefore run Diploma Level Programmes. During the survey, following 7 types of such Institutions have been covered.

1. Technical Institutes such as Polytechnics recognized by AICTE/State Directorate of Technical Education
2. Post Graduate Diploma in Management (PGDM) Institutes recognized by AICTE
3. Teacher Training Institutes such as District Institute of Education and Training recognized by National Council for Teacher Education
4. Nursing Institutes recognized by Indian Nursing Council/State Nursing Council
5. Institutes directly under the control of various Central Ministries
6. Paramedical Institutes as recognized by Paramedical Council
7. Hotel Management & Catering Institutes recognized by National Council for Hotel Management & Catering Technology

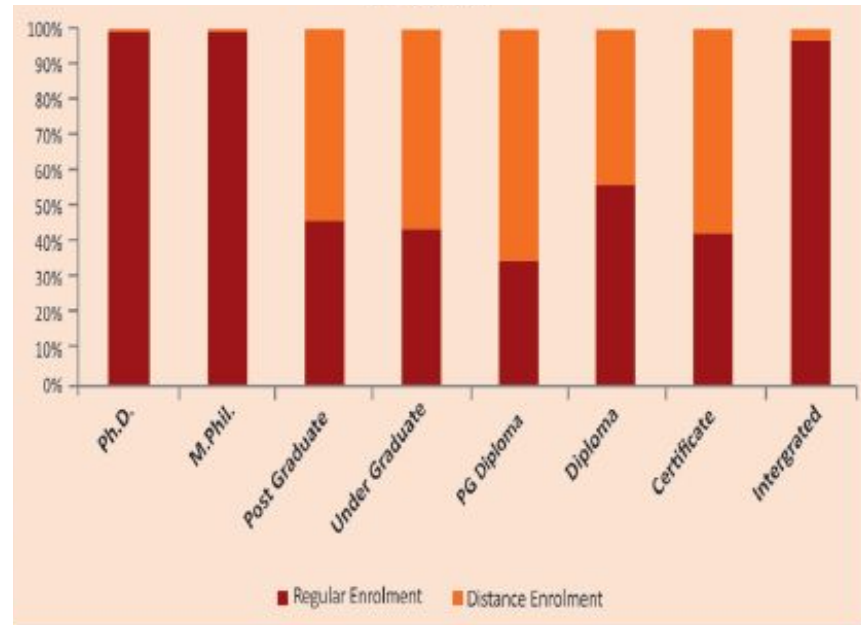


Number of Degree Awarding Universities / Institutions by Type



Enrolment in HEIs: Regular and Distance

Level	Regular enrolment	Distance enrolment
Ph.D.	177775	101
M.Phil.	15805	69
Post Graduate	975105	1121446
Under Graduate	2304499	2917847
PG Diploma	48719	88966
Diploma	156098	120060
Certificate	26103	34746
Integrated	147342	3687
Total	3851446	4286922



Institutional and Policy Framework

- **HE Institutional Regulatory Body:** University Grants Commission (UGC)
- **Higher Education Commission of India (HECI)** with four independent verticals
 - National Higher Education Regulatory Council (NHERC)
 - National Accreditation Council (NAC)
 - Higher Education Grants Council (HEGC)
 - General Education Council (GEC)
- **National Education Policy 2020**
 - aims to address the many growing developmental imperatives of our country
 - proposes the revision and revamping of all aspects of the education structure
 - its regulation and governance,
 - to create a new system aligned with the aspirational goals of 21st century education, including SDG4, while building upon India's traditions and value systems
 - Creation of an autonomous body, National Educational Technology Forum (NETF)
 - to provide a platform for the free exchange of ideas on the use of technology to enhance learning, assessment, planning, administration, and so on, both for school and higher education



ICT Initiatives in HEIs

e-content development under National Mission on Education through Information and Communication Technology (NMEICT)

- ❑ e-PG Pathshala (<https://epgp.inflibnet.ac.in/Home>)
- ❑ National Digital Library (<https://ndl.iitkgp.ac.in/>)
- ❑ UGC-CEC consortium (<http://www.cec.nic.in/cec/>)
- ❑ SWAYAM (<https://swayam.gov.in/>)
- ❑ Virtual labs (<https://www.vlab.co.in/>)
- ❑ Swayam Prabha (<https://swayamprabha.gov.in/>)
- ❑ Vidya-mitra (<https://vidyamitra.inflibnet.ac.in/#>)
- ❑ Spoken Tutorial (<https://spoken-tutorial.org/>)
- ❑ e-Gyankosh (<https://egyankosh.ac.in/>)
- ❑ e-Kalpa (https://cpcri.icar.gov.in/page/farmers_corner_ekalpa_app)



Transition during Pandemic

- Admissions
- Orientation/Induction Meetings
- Classroom Teaching (Flipped Classroom) to Online Teaching
 - Google Meet
 - Zoom Platform
 - MS Teams
 - Facebook Live Sessions
 - YouTube Live Sessions
 - Google Classrooms
- Learning Material – web content, mobile apps, NMEICT, etc.
- Internal Evaluation (Formative Assessment) to Online Assessment (LMS)
- External Evaluation (Summative Assessment) to Online Proctored Exams
- Virtual Convocations



Continuous Faculty Professional Development

- Online Professional Development Programmes by HRDCs
 - Orientation Programmes
 - Refresher Programmes
 - Faculty Development Programmes
- Professional Development Programmes through SWAYAM Platform (NPTEL, AICTE, IGNOU, IIM-B, IITs, NIOS, etc.)
- Academic Events
 - Webinars
 - Web conferences
 - Online Seminars
 - Online Workshops



The Way Ahead

Traditional to Online to Blended T&L environment (Hyflex)

- Uncertain present scenario
- Reopening of Educational Institutions and returning of students to the classrooms

BUT

“Noida school shuts down after 13 students, 3 teachers test Covid positive”

<https://www.indiatoday.in/cities/noida/story/noida-school-shuts-down-students-teachers-test-covid-positive-1936373-2022-04-12>



ICT in Education is here to STAY



Hyflex



Thank You



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