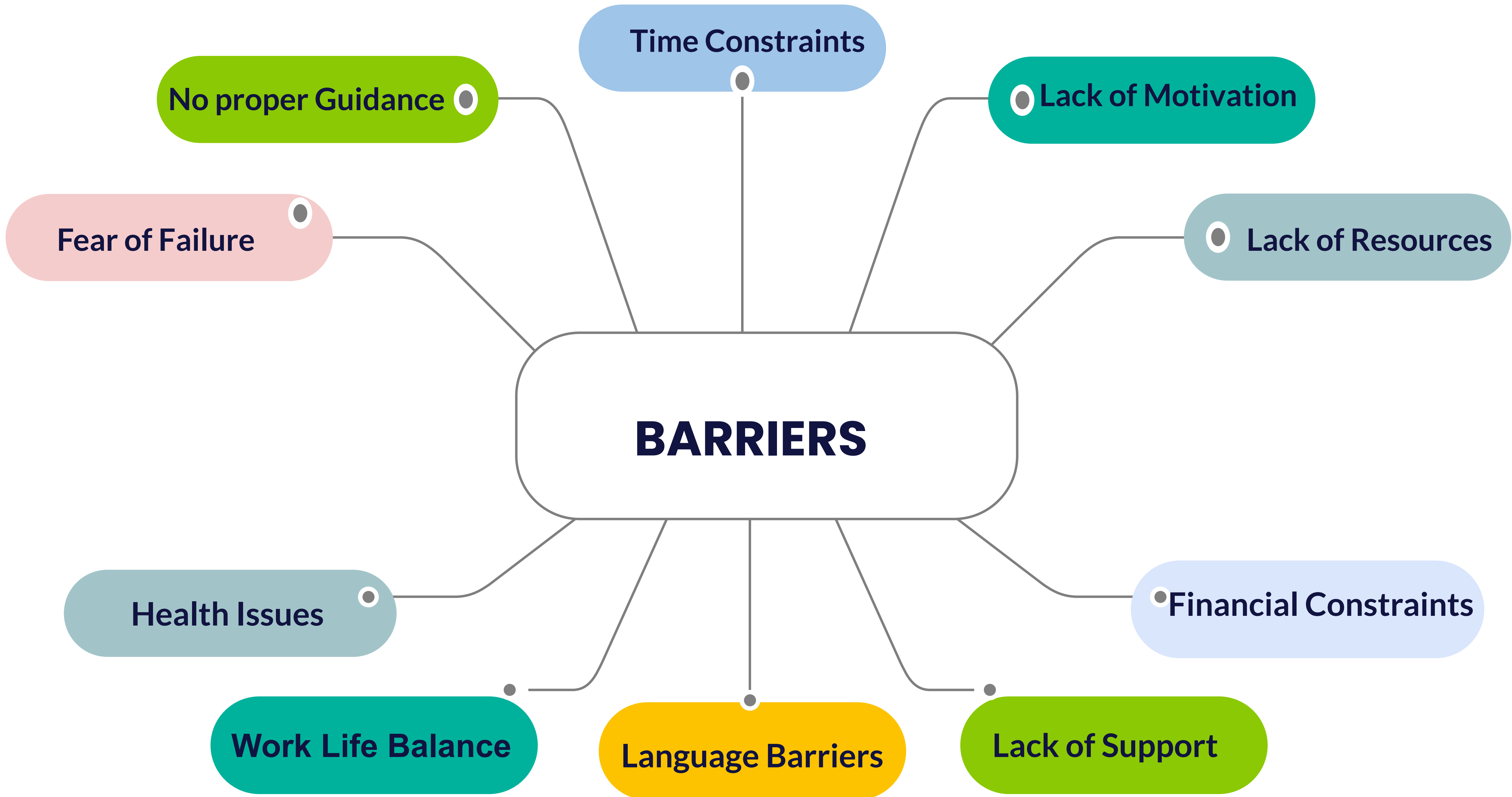


Digital Education through Online Courses & Online Trainings



Dr. Angel Rathnabai

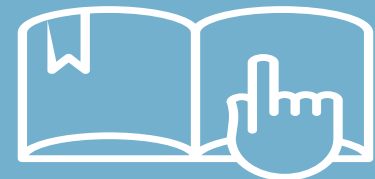
Barriers for Continuing learning



Need & Scope



Online courses/ trainings are programs offered over the internet.



They provide a platform for individuals to acquire knowledge, develop skills, and earn qualifications without the need to attend traditional physical classrooms.

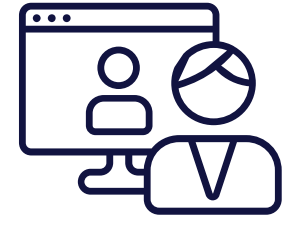


Online learning have revolutionized the way people learn by providing accessible, flexible, and diverse educational opportunities.



It has become a valuable way for personal and professional growth in our increasingly digital and interconnected world.

Why Online Courses/ Trainings



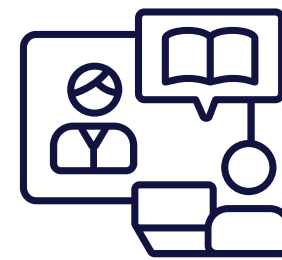
Flexibility

The learner can attend at any time of the day allowing flexibility in schedule



Personalized Education

Every individual learner attends the course in their own choice of environment



Convenience

Online courses are free from the boundations of time and place



Affordability

They are cost effective for the learners



Content Variety

There are diverse courses available online, giving a choices to the learners

NEP Policy Perspectives

Flexible Learning

NEP encourages the integration of online courses to provide flexible learning opportunities, allowing students to learn at their own pace and convenience.

Digital Platforms

The policy advocates for the development of digital platforms and repositories to host high-quality online courses across various subjects and levels.

Blended Learning

NEP envisions a blended learning approach, combining online courses with traditional classroom teaching to create a more comprehensive and effective learning experience.

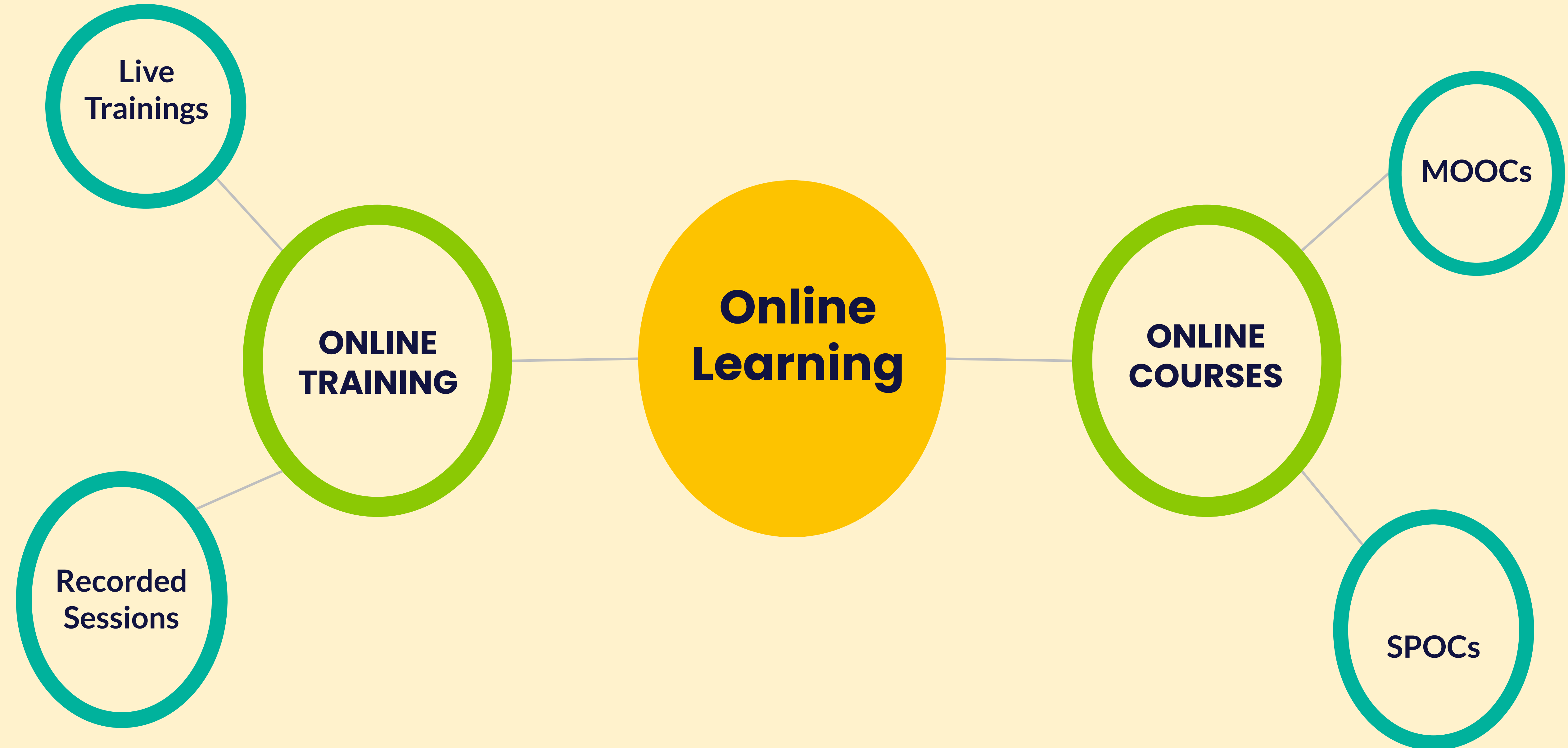
Teacher Training

The policy suggests providing training to teachers to effectively use online courses and digital tools to support their teaching methods.

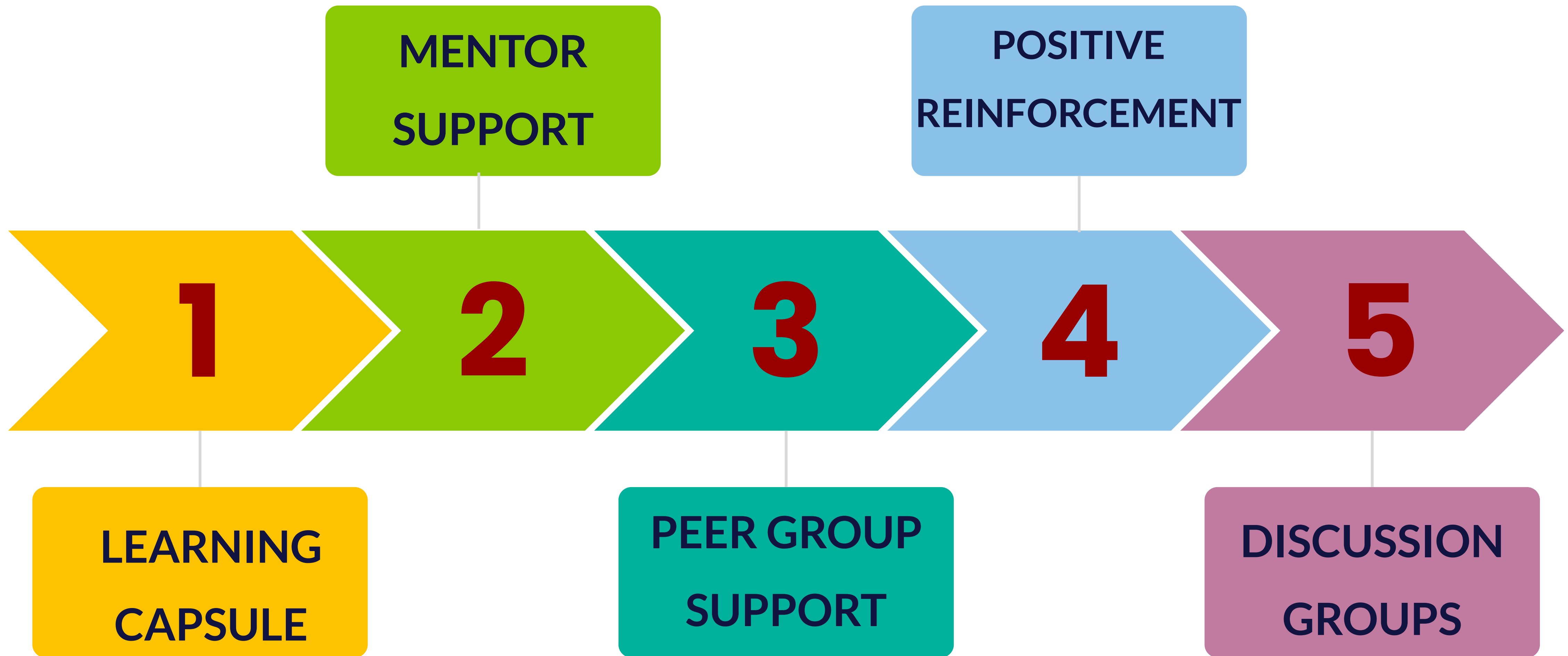
Continuous Professional Development

Online courses are promoted as a way for teachers and educators to engage in continuous professional development to stay updated with the latest educational practices and advancements

Modes of Online Learning



Leveraging Online Courses/Trainings



Components of Online Courses

eTutorial (Videos)

Assessment (Problem/ solutions, MCQs, Short answers type, Quizzes, Assignments etc.)

eContent (PDF, Text, e-Books, Illustrations and Documents) including Web resources (Related Links, Wikipedia, Open Content etc.)

Discussion Forum

Certification



Initiative : Online Courses & Trainings



NISHTHA

National Initiative for School Heads and Teachers Holistic Advancement



CPD Courses

Online courses for continuous Professional Development (CPD)



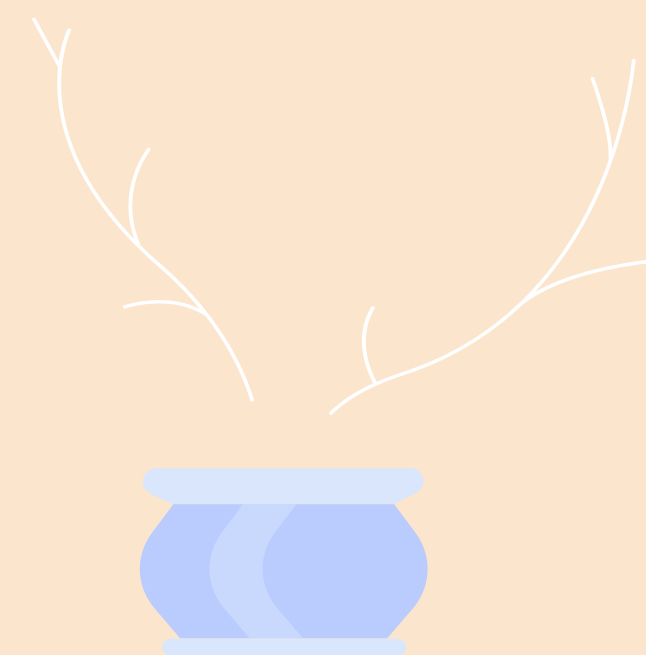
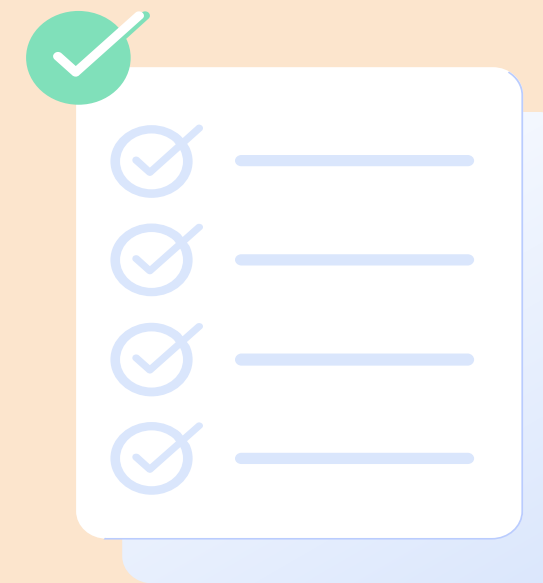
MOOCs for School Education

Online courses for students for learning enrichment



Online Capacity Building on ET & ICT

Webinar/ live interaction and online training on ET/ ICT



NISHTHA

**NISHTHA
(ELEMENTARY)
Face to Face**

**Target: 42 Lakh
33 States and UTs
Certification: 17,73,312**

**NISHTHA
(ELEMENTARY)
Online**

**Target: 42 Lakh
33 States/ UTs & 7 Autonomous Organization
Certification: 22,64,539**

**NISHTHA
(SECONDARY)
Online**

**Target: 10 Lakh
33 States/ UTs & 8 Autonomous Organization
Certification: 7,49,352**

**NISHTHA
(FLN)
Online**

**Target: 25 Lakh
33 States/ UTs & 5 Autonomous Organization
Certification: 12,97,621**

**NISHTHA
(ECCE)
Online**

**Target: 90 Thousand
33 States/ UTs
Certification: 30,572 (*Ongoing*)**

CPD Courses on DIKSHA

**Cyber Hygiene Practices:
Personal Digital Devices**

**Environmental Hazards
of Electronic Waste**

**COVID 19 -
Responsive Behaviour**

Action Research

**Urdu Language
Script Writing**

Catch the Rain

**CAPACITY
BUILDING
COURSES**

**Enrolment
6,44,360**

**Certification
3,91,664**



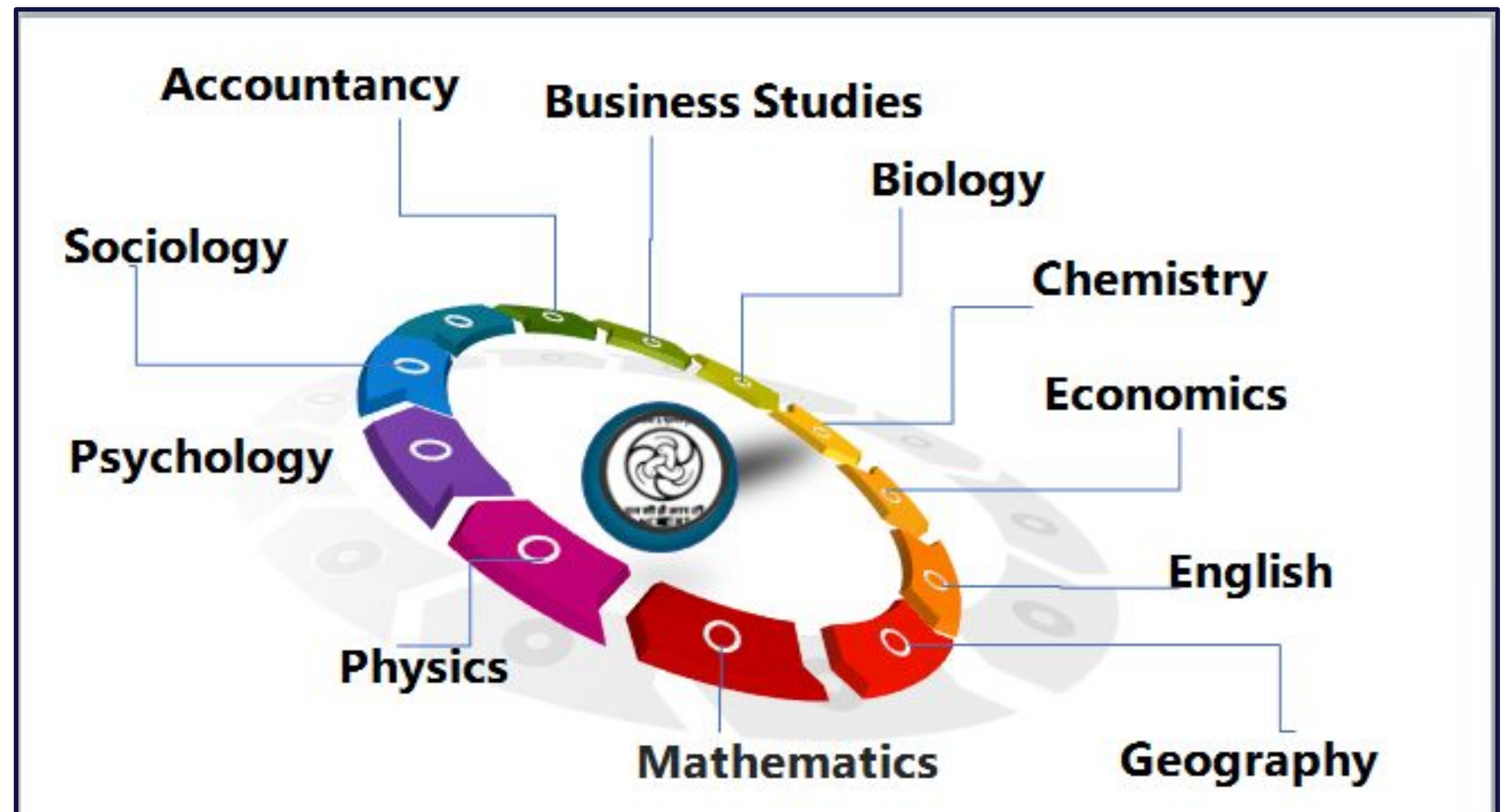
Online Courses offered by NCERT on SWAYAM



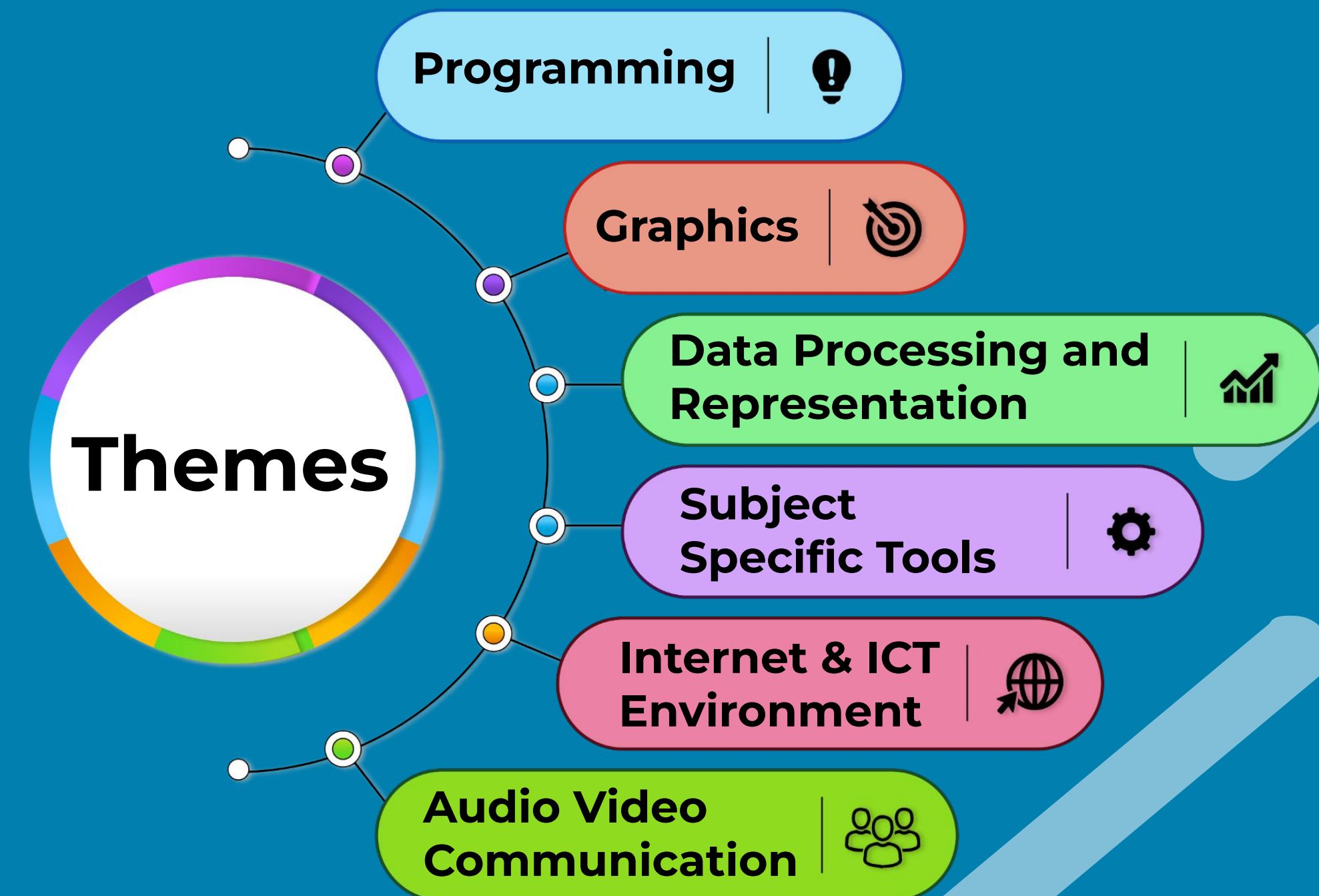
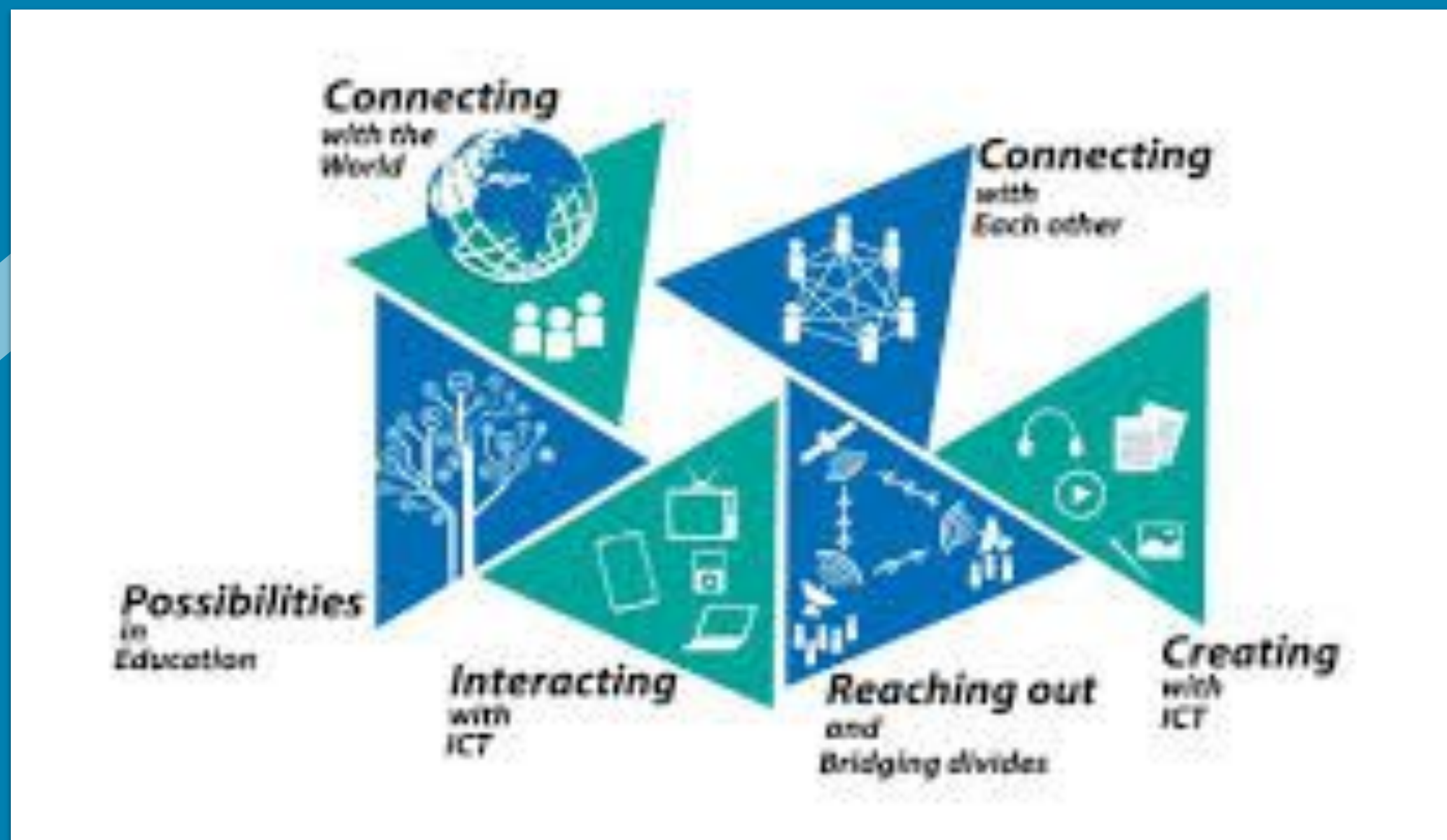
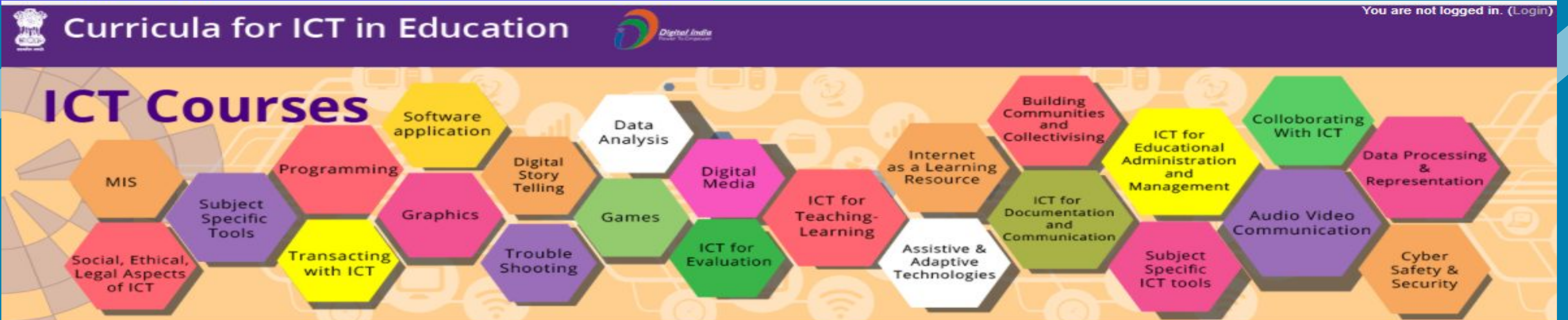
- **28 courses for Class XI and XII across 11 subjects**
- **Yearly two cycle:**
 - April to September
 - October to March



- **Who can join?**
 - Students
 - Teachers
 - Parents
 - Any one



ICT Curriculum



Online Training

Theory Based Training

01

Eg: Training series on
NEP 2020: ET & ICT

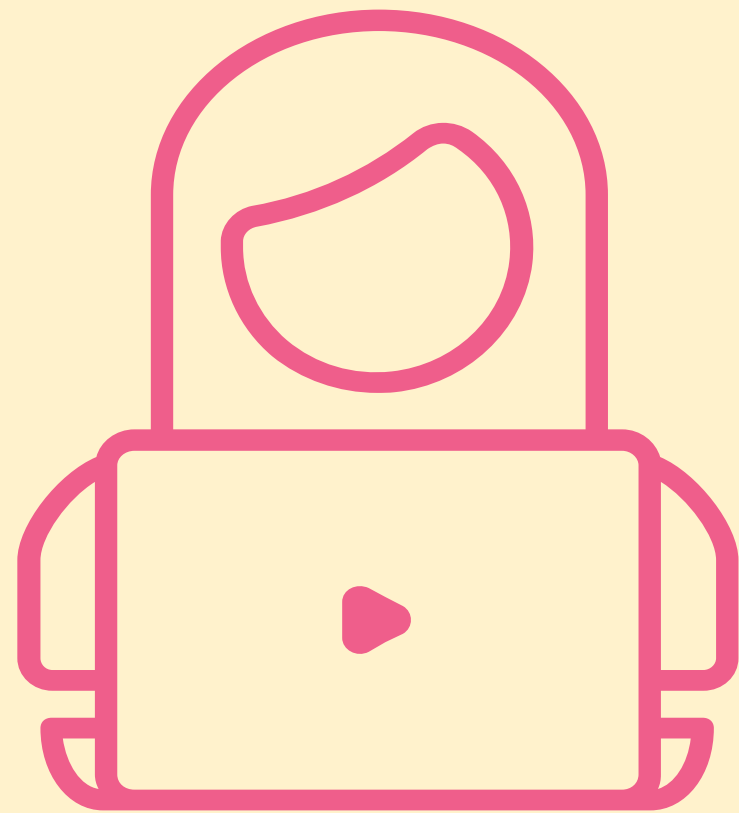
Practical Based Training

02

Eg: Training on
Development of
eContent

Live Vs Recorded

Cyber Safety and Security in School Education



NEP 2002 emphasizes that ‘Children and adolescents enrolled in schools must not be forgotten in this whole process; after all, the school system is designed for them. Careful attention must be paid to their safety and rights’ (Para 8.11).

According to the report – **“Cyber Threats Targeting the Global Education Sector”** – education and research were the most targeted sectors in India, with an average of 1,605 weekly attacks, an increase of 75% from previous years. Data also shows that there has been a 20 per cent increase in cyber threats to the global education sector in the first three months of 2022 when compared to the corresponding period of 2021.

Various Aspects of Cyber Safety and Security in Educational Institutions

