

# **Current Status in the Use of ICT in India: Role of NCERT**

**Central Institute of Educational Technology  
NCERT, New Delhi-110016**

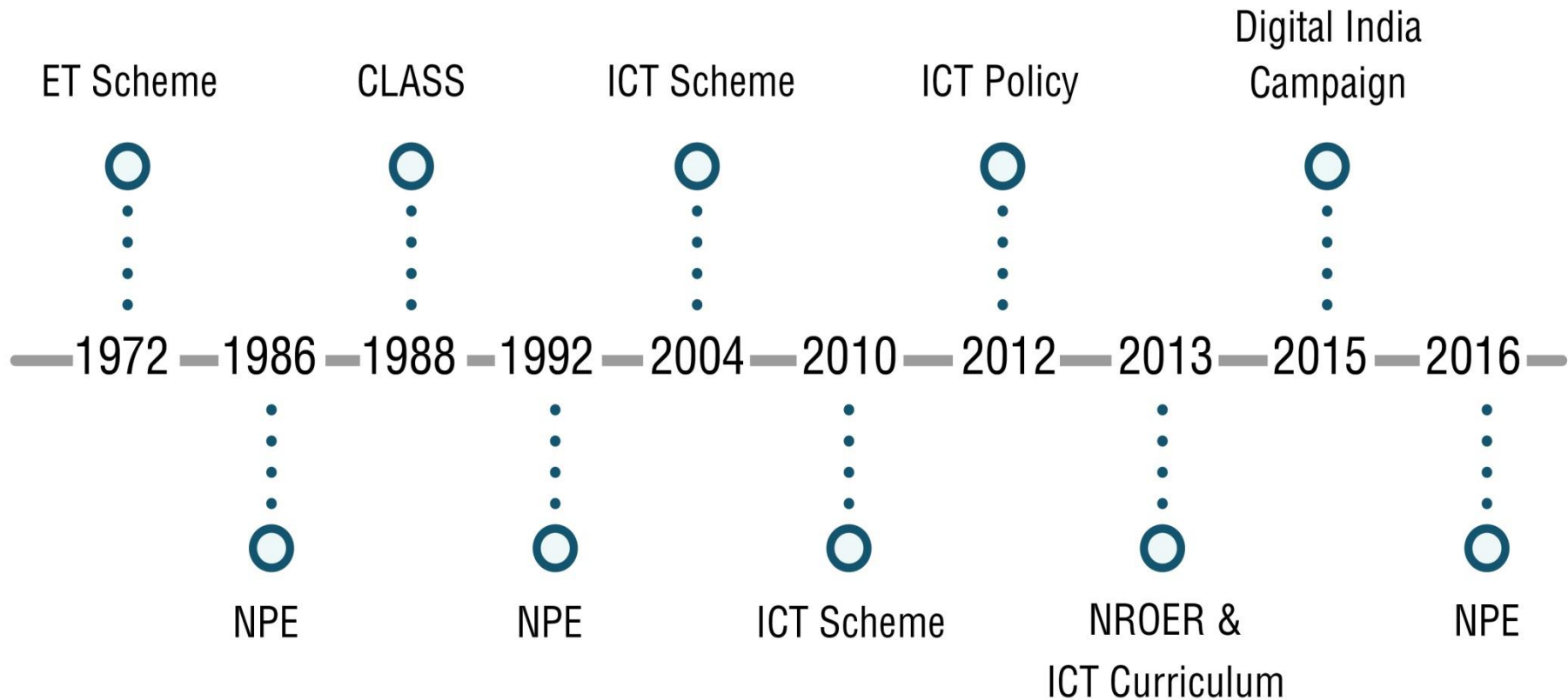


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# ICTs in Education: a Retrospect



# Initiatives at National Level

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1. NME-ICT and ICT@Schools Scheme-2004 under RMSA, CAL-SSA
2. NCF-2005, National ICT Policy for School Education & ICT Curriculum
3. Digital India-Skill, Scale and Speed
4. e-Contents Development
5. Open Educational Repository: NROER
6. MOOCs on SWAYAM
7. Epathshala and ePGpathshala
8. DTH-TV Channels-SWAYAM PRABHA



# National Policy on Education

**Educational Technology will be employed in the spread of useful information, the training and retraining of teachers, to improve quality education, sharpen awareness of art and culture, inculcate abiding values etc., both in the formal and non-formal sectors. (NPE-1986)**



# Digital India-1 July, 2015

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**Launched on 1 July, 2015 envision for:**

- Creation of ICT Infrastructure in the country**
- E-Governance and on demand services**
- Digital Literacy of citizens**





# **New NPE (Draft)-2016**

**ICT to be used:**

- **Development and Dissemination of e-contents**
- **Training (Blended Mode)**
- **Continuous Professional Development-Life long learning**
- **Enhance Quality education**



# INDIA: 1.21 bn. Population



**28 States  
07 UTs**

**-1.49 million schools  
-8.5 million teachers  
-48 School Boards  
-24,85,68,702 children in school**

**96,007 Secondary Schools  
under ICT@Schools Scheme**

**nroer.gov.in,  
ictcurriculum.gov.in  
ictschoools.gov.in**



 **Policy**

 **Implementation**

 **Support**



# ICT @ Schools

Department of School Education & Literacy  
Ministry of Human Resource Development, Government of India

- National Policy on ICT in School Education 2012

- ICT@Schools Scheme
- Guidelines for Implementation
- State Report Cards
- Third Party Evaluation
- Status of Implementation
- National Awards for Innovative use of ICT in Education
- National ICT Conference

- National Repository of Open Education Resources
- Directory of e-content reviewers
- Tools for e-content evaluation
- Curricula for ICT in Education
- ICT Solutions for Schools

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ICT @ Schools Invites : FOSS Software for Schools   E-content   Content Evaluators   Contact Us

# ICT in Education

ictcurriculum.gov.in

You are not logged in. (Login)

## Overview

### The Curricula

Guiding Principles

Download the Curricula

### The Course

#### Course for Teachers

Syllabus

Take a Tour

Enrol into the Course

#### Course for Students

Syllabus

Take a Tour

Host the course

Download Student ICT Course

## Latest news

7 Jan, 17:36

Admin User

ICT Curriculum for  
Students-Training FCSA's  
of JNV's

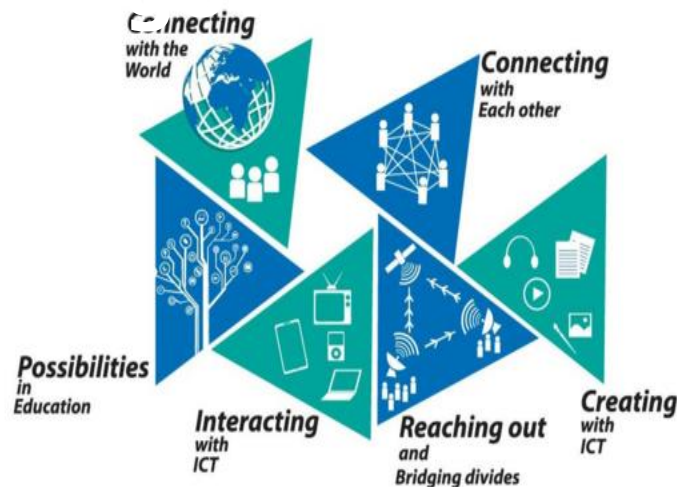
24 Oct, 15:08

Admin User

Progress of implementation  
of ICT in Education course  
for Students

5 Oct, 09:33

Mriinder Sinoh



The present curricula for ICT in Education aims at realising the goals of the National Policy of ICT in Schools Education and the National Curriculum Framework.

Given the dynamic nature of ICT, the curricula, emphasising the core educational purposes, is generic in design and focuses on a broad exposure to technologies, together aimed at enhancing creativity and imagination of the learners.

For the teacher, it is an initiation into:

- Exploring educational possibilities of technology,
- Learning to make right choices of hardware, software and ICT interactions, and
- Growing to become a critical user of ICT.

For the student, it is an initiation into:

- Creativity and problem solving,
- An introduction to the world of information and technologies, and
- An opportunity to shape career pursuits.

# National Repository of Open Educational Resources



An initiative of

Department of School Education and Literacy

Ministry of Human Resource Development

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Powered by [gstudio](#) built at [Gnowledge Lab](#), [Homi Bhabha Centre for Science Education](#), [TIFR](#).

## Impact Factor (till 27 July 2016)

NROER is having:

- ◉ 2,07,789 unique visitors
- ◉ 3,00,863 number of visits
- ◉ 44,68,037 pages viewed
- ◉ 10,85,4,715 number of hits
- ◉ 717.9 GB bandwidth of data used
- ◉ There are about 21,300 registered users on NROER
- ◉ More than 22,200 resources are uploaded on it







एन सी ई आर टी  
NCERT

राष्ट्रीय शैक्षिक अनुसंधान और प्रशिक्षण परिषद्  
National Council of Educational Research and Training



ePathshala

## Programmes

## Organisation

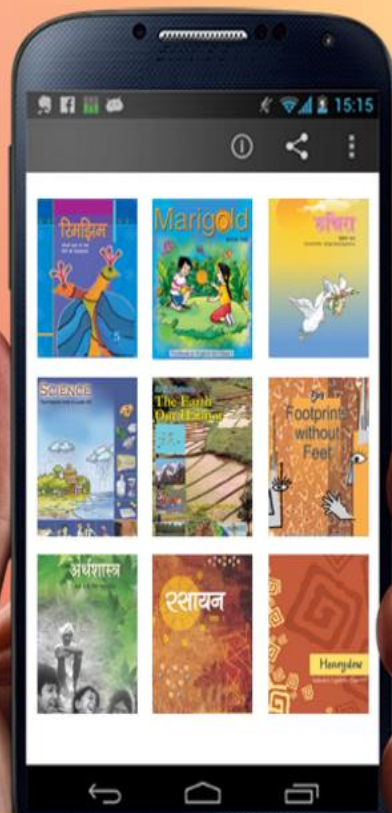
55,07,770



MHRD

Government of India

Ministry of Human Resource Development



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available on all three platforms

# Resources on ePathshala



## Audio & Video (Uploaded)

Audios	1202
Videos	634



## eBooks

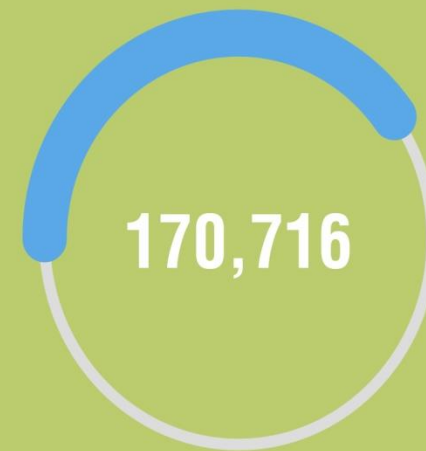
ePUBS	580
Flip Books	498



ePathshala Portal



Youtube Views



DOWNLOAD

Till 26/7/2016

RATING

Google/Android



Apple / iOS



Windows



# Technology Convergence



# Expectations: Republic of Korea

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1. Professional Development of Academic and Technical personnel through EBS and KERIS
2. Development of e-Contents & Digitisation of textbooks
3. Sharing of best practices
4. Regular exchange of Academic and Technical Experts





# Thanks for your Attention

## **Any Questions Please?**

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