

Curricula for Teachers

Objectives

- Use ICT tools, software applications and digital resources effectively
- Integrate ICT into teaching-learning and evaluation
- Acquire, organize and create digital resources
- Participate in teachers' networks
- Evaluate and select resources
- Practice safe, ethical and legal ways of using ICT
- Use ICT for making classrooms more inclusive

Course Organization

Induction and refreshers courses for teacher

Induction- 01(120 hours) + 3 refreshers (120 hours each) = Diploma in ICT in Education - Basics (for all teachers)

Advanced Modules

Additional refereshers and one advanced induction is available to extend learning of teachers through a range of exposure to ICT. Based on availability of time/resources, the stakeholders can choose advanced modules. The Advanced modules are of 45 days duration.

The National Policy on ICT in School Education has set the goal of preparing youth to participate creatively in the establishment, sustenance and growth of a knowledge teachers and children must be treated not merely as consumers but also as active producers. The Digital India Campaign (2015) strives to transform India into a digitally empowered society and knowledge economy by focusing on the three vision areas i. Digital Infrastructure as Core Utility to Every Citizen, ii. e-Governance and Services on Demand and iii. Digital literacy and empowerment of citizens. The present curricula for ICT in education is a step towards realizing the goals of both the National Policy and the National Curriculum Framework. This curricula is designed to promote creativity, problem solving, and introduce the stakeholders to the world of information and technologies.

Guiding Principles

- The curricula shall be generic
- The focus shall be on learning to compute and create
- Adequate opportunity for hands on learning and exploration
- Promotion of safe and secure use of ICT
- Innovative and full utilization of infrastructure and resources

Course Overview

Course	Teachers	Students	
		Students (VI-VIII)	Students (IX-XII)
Duration	Certificate - 1 year Diploma - 2 years	3 years	4 years
Mode	Blended (face to face and online)	Face to face	Face to face
Session format	Instructor led and hands-on	Instructor led and hands-on	Instructor led and hands-on
Evaluation	Record of achievements through e-portfolio and summative assessment	Record of achievements through e-portfolio and summative assessment	Record of achievements through e-portfolio and summative assessment
Award	Certificate/ Diploma in ICT in Education	Certificate	Certificate
Certification	SCERTs/SIEs/NCERT	Boards of School Education	Boards of School Education

Curricula for Students

Objectives

- Develop digital literacy skills
- Access various tools and applications for learning
- Operate a variety of hardware and software
- Use the ICT facility with care
- Create a variety of digital resources
- Practice safe, legal and ethical means of using ICT

Course Organization

Class I - V

Game based ICT integrated activities

Class VI - VIII

Spans 3 years

30 weeks per year

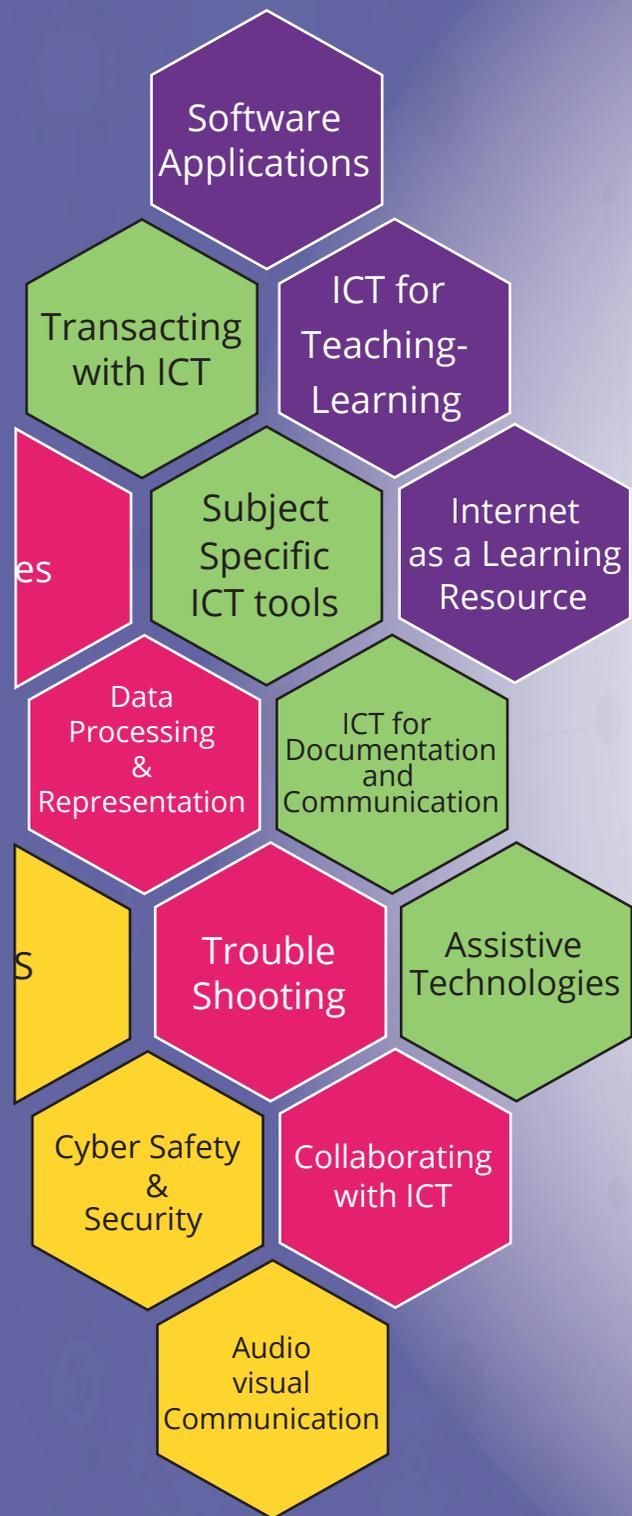
3 sessions per week

Class IX - XII

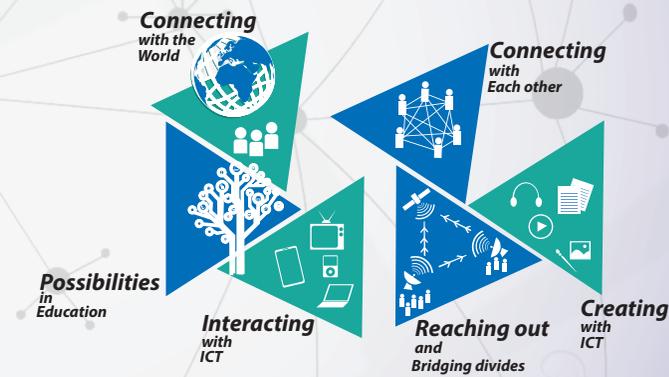
Vocational Course -11 Courses

Each course - 4 Levels across class 9 to 12

Courses



Curricula for ICT in Education



www.ictcurriculum.gov.in



Central Institute of Educational Technology
National Council of Educational Research and Training
Sri Aurobindo Marg, New Delhi- 110016

Tel. :- 011-26962580 | Fax :- 011-26864141
E-mail:- jdciet.ncert@nic.in

1st September 2016

ICT in Education

