केन्द्रीय विद्यालय संगठन / **KENDRIYA VIDYALAYA SANGATHAN**

(Min. of HRD, Deptt. of Education, Govt. of India)
18-संस्थागत क्षेत्र / **18-Institutional Area**
शहीद जीत सिंह मार्ग / **Shaheed Jeet Singh Marg**
नई दिल्ली – 110016 / **New Delhi – 110016**
Tel: 26858566-260, **Fax No.** 011-26514179
www.kvsangathan.nic.in

केन्द्रीय विद्यालय संगठन

F. No. 6-1/2006-KVS/EDP/ICT Award   Dated: 16.2.2015

Deputy Commissioner//Director
Kendriya Vidyalaya Sangathan,
All Regions/ZIETs.

Subject:- National Award for teachers for use of ICT in education under the ICT in schools
" Scheme for the year 2015 calling for nominations.

Madam/Sir,

I am to invite your kind attention to this office letter of even number dated
21.1.2015 on the subject cited above and to inform you that National Award for teachers for
use of ICT in education which is a component of ICT in schools scheme now subsumed
under Rashtriya Madhyamik Shiksha Abhiyan (RMSA). In this regard a copy of D.O. letter
no. 11-28/2014-Sch. 5 dated 4th February, 2015 received from Sh. Caralyn K. Deshmukh,
Director, (RMSA-I/ICT) alongwith a copy of citation booklet of National ICT award for
School Teachers 2010 to 2013 , entry form is enclosed.

You are therefore requested to send the nominations of two teachers carrying out
best innovation in technology supported learning practices should be sent to Kendriya
Vidyalaya Sangathan (Hqrs) latest by 31.3.15. The scrutiny and short list of two best entries
shall be under taken by the Deputy Commissioner of the region concerned who may take
assistance of experts locally available. The above scheme is a unique opportunity to a
teacher to showcase their talent hence no regional office should miss this opportunity.

It is further noted that nominations /entries should not be sent to NCERT/Ministry of
HRD directly by teachers/Kendriya Vidyalaya /regional office. For details about eligibity,
rules regulations and entry form, please visit NCERT website www.ciet.nic.in .
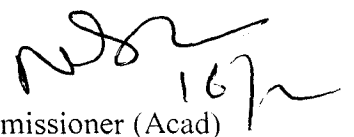
Yours faithfully,

(N. Goyal)
Deputy Commissioner (Acad)

Copy to:-

Sh. Caralyn K. Deshmukh, Director, (RMSA-I/ICT) with reference to your D.O. letter no.
11-28/2014-Sch. 5 dated 4th February, 2015 for information.

Deputy Commissioner (Acad)

Department of School Education & Literacy
Ministry of Human Resource Development
Government of India
New Delhi - 110115

शास्त्री भवन,
नई दिल्ली—110115

Shastri Bhawan,
New Delhi-110115

Caralyn K. Deshmukh, IAS
Director (RMSA.1/ICT)
Tel: 2338 7948
Email: carakhongwar.edu@nic.in

D.O. No. 11-28/2014-Sch.5

Dated the 4th February, 2015

Sir/Madam,

I would like to draw your attention to National Award for teachers for use of ICT in education which is a component of the ICT in schools scheme now subsumed under Rashtriya Madhyamik Shiksha Abhiyan (RMSA).

The award proposes to felicitate those teachers who have enhanced student learning by effectively and innovatively integrating technology supported learning into the school curriculum and subject teaching, and thereby promoted enquiry-based cooperative-collaborative learning using ICT among their students.

Teachers of primary, upper primary, secondary, higher secondary schools pertaining to the following organizations are eligible to be nominated under the scheme:

i. State Government schools/schools run by local bodies and Government Aided Schools (including the Government and Private schools affiliated to state boards of education).

ii. Central Government schools i.e. Kendriya Vidyalayas (KVs), Jawahar Navodaya Vidyalayas (JNVs), Central Tibetan Schools (CTSA), Schools run by Ministry of Defence (MOD) i.e. Sainik Schools etc. and schools run by Atomic Energy Education Society (AEES)

iii. Schools affiliated to Central Board of Secondary Education (CBSE) other than those at (i) and (ii) above.

iv. Schools affiliated to Council for Indian Schools Certificate Examinations (CISCE).

v. 87 ICT awards are instituted by Govt. of India for different states/UTs and Autonomous Bodies/organizations under MHRD. A break-up of state-wise allocation of awards is enclosed.

The selection process for identifying the awardee teachers is as follows:-

i. Schools will send detailed entries in the prescribed format alongwith supporting documents to the Directorate of Education of their States/UTs/Organisation through proper channel (Principal/DEO/Regional Offices etc.)

ii. A Committee under the Chairmanship of Secretary/Commissioner (Education) of the state/UT/Autonomous Organisations (KVS, NVS, CBSE, CISCE, CTSA, AEES etc.) will scrutinize all the entries and shortlist the candidates and forward the same to the Chairperson of the Awards Committee alongwith minutes of the meeting.

iii. **The state/UT/organization shall recommend only twice the number of teachers as their awards quota, in order of merit.**

iv. Short listed candidates would be required to make presentations before the Awards. Invitation in this regard will be sent to teachers directly by CIET-NCERT with intimation to their Directorate.

548/C/M

10 FEB 2015

464/M

पढ़े चलो, बढ़े चलो
RASHTRIYA MADHYAMIK SHIKSHA ABHIYAN
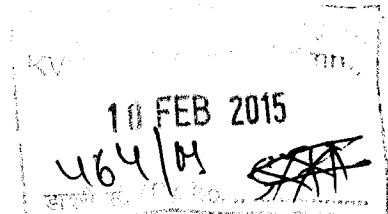
The composition of the Committee is:

(a) Director, NCERT, New Delhi   Chairman
(b) DDG. NIC, New Delhi   Member
(c) Representative from Secondary Education
     Bureau, Dept. of SE&L, Ministry of HRD, GOI   Member

(d) Representative from Dept of IT, New Delhi   Member
(e) Joint Director, CIET, New Delhi   Member Secretary

The Awards Committee would recommend the requisite number of awardees to the Ministry with justification. The Ministry will process the recommendation for the awards.

Each awardee teacher will be awarded with a laptop, a silver medal and a commendation certificate. All winners will form a community of resource persons through networking.

Each entry from the state/UT must include individual applications (as per the Performa attached) of teacher nominated along with necessary documents and evidence. **The last date for forwarding of short listed candidates by State Govt./UTs/Autonomous Organizations to CIET-NCERT, New Delhi-110016 is 30 June, 2015.**

It may be noted that the teachers/schools are to submit their nominations to your offices on or before 31ˢᵗ March, 2015. Nominations/entries in any case should not be sent to NCERT directly by the teachers/schools.
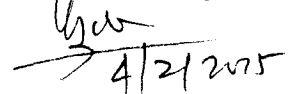
I shall be grateful if you could kindly look into the matter personally to inform all schools, obtain nominations from schools and send the short listed nominations from your State/UT/Organization in the prescribed format to CIET-NCERT latest by 30 June, 2015.

For other details, log in to CIET website: www.ciet.nic.in, www.ncert.nic.in.

A copy of citation booklet of National ICT Award for School Teachers 2010 to 2013 is attached for your ready reference, use and dissemination among schools.

With regards,

Yours sincerely,

(Caralyn K. Deshmukh)

To
1. The Secretary/Commissioner of School Education (All States/UTs)
2. Chairman/Commissioner of Autonomous Bodies working for School Education, under MHRD, GOI. – Kendriya Vidyalaya Sangathan (KVS), Navodaya Vidyalaya Sangathan (NVS), Central Board of Secondary Education (CBSE), Council for the India School Certificate Examinations (CISCE), Atomic Energy Education Society (AEES), Ministry of Defence (MoD), Central Tibetan School Administration (CTSA)
3. NIC for uploading on MHRD website.
4. RSMA TSG for uploading on RMSA India website.

State/UT/Organisation-wise Allocation of Awards for Teachers under the "ICT in Schools" Scheme.

S.No.	STATES	No. of Awards Allocated
1.	Andhra Pradesh	3
2.	Arunachal Pradesh	2
3.	Assam	2
4.	Bihar	3
5.	Chandigarh	2
6.	Goa	2
7.	Gujarat	3
8.	Haryana	2
9.	Himachal Pradesh	2
10.	Jammu & Kashmir	2
11.	Jharkhand	2
12.	Karnataka	3
13.	Kerala	3
14.	Madhya Pradesh	3
15.	Maharashtra	3
16.	Manipur	2
17.	Meghalaya	2
18.	Mizoram	2
19.	Nagaland	2
20.	Orissa	3
21.	Punjab	3
22.	Rajasthan	3
23.	Sikkim	2
24.	Tamil Nadu	3
25.	Tripura	2
26.	Uttar Pradesh	3
27.	Uttrakhand	2
28.	West Bengal	3
	UNION TERROTORIES	
29.	Andaman & Nicobar Island	1
30.	Chandigarh Adm.	1
31.	Dadra & Nagar Haveli	1
32.	Daman & Diu	1
33.	Delhi	1
34.	Lakshdweep	1
35.	Pondicherry	1
	ORGANISATION	
36.	Atomic Energy Education Society	1
37.	C.I.S.C.E	1
38.	CBSE	3
39.	CTSA	1
40.	KVS	2
41.	NVS	2
42.	Sanik Schools under Ministry of Defence	1
TOTAL		**87**

National awards for School Teachers–2015
for
"Using ICT for Innovations in Education"

Entry Form

Name of the School:	
Name of the Principal:	
Postal Address of the School: Phone Number (with STD Code): Fax: Email address: Mobile No:	
Please give details of Computer Lab Facilities and Hardware available in each lab in your school. Hardware: Software Applications: e-content packages: Accessories (printer, scanner, camera, etc.): Attach necessary proof.	
How many classrooms in your school are equipped with Computers? Please give details of the number, configuration of the computers in classrooms	
Does the school have internet facility If Yes, give details of the type of access:	Dial Up Broad Band, ISDN, Leased Line, VSAT link
Describe the overall ICT programme in your school (in not more than 200 words) (Give details of curriculum, timetable, content and activities) Are there any specific activities designed around the ICT facilities? (Give details)	

Categories of Awards applied for (Pl. put tick Mark on appropriate Category)

   (i)   Schools from States (Government and Government aided Schools)
   (ii)   Schools from UTs (Government and Government aided Schools)
   (iii)   Schools run by Kendriya Vidyalaya Sangthan (KVS)
   (iv)   Navodaya Vidyalaya Samiti (NVS)
   (v)   Schools affiliated to CBSE
   (vi)   Schools affiliated to CISCE
   (vii) Schools under Central Tibetan Schools Administration (CTSA)
   (viii) Schools under Ministry of Defence (MOD) i.e. Sainik Schools etc.
   (ix) Schools under Atomic Energy Education Society (AEES)

Name of the State/UT/Autonomous body under MHRD, Govt. of India	
Category of the school (pl put a tick mark)	Primary Upper Primary Secondary Higher Secondary

4

Information about the Teacher and the Innovation

Section I: General Information and Profile of the Teacher: All Information in this section is essential to consider the application	
Registration No: (for Office use only)	
Name of the Teacher	
Postal Address of the School Phone Number Fax Email Address of the teacher . Mobile No.	
Residential Address and Phone no.	
Date of Birth	
Gender	
Educational and Professional Qualifications	
Teaching Experience (in years):	
Subjects Taught and Class	
Have you participated in any contest for integration of ICT in innovative teaching (in or outside classroom)? If yes, pl give details.	
Have you won any award in the above-mentioned contest? If yes, please give details of the same.	
What has been the overall impact of using ICT in the Teaching – Learning Process?	
What has been your contribution to the school with respect to ICT integration?	
What are your future plans about ICT integration and enhancing quality of education?	

Section II: About the Teacher's efforts towards Integration of ICTs in Education

Provide supporting documents wherever necessary.

1. Describe (in about 500 words) your strategy for use of ICT in teaching-learning. The write up should highlight the educational issues, integration of ICT applications, resources and students involvement.

2. How has ICT helped you in your own professional growth? Describe how you use ICT on a day-to-day basis and how it has helped you improve as a teacher.

3. Analyze your usage of any one (or a set of) ICT tools, software or resources, showing cleaning how it helps address educational issues.

4. Please give details of ICT activities/work implemented by you in the last two academic years 2013-14 and 2014-15, where you have successfully integrated ICT.

Sr. No.	Class	Topic/ Title/ Activity/Work
a)		
b)		
5. How have you helped students to use ICT for self-learning, investigation and experiments.		
6. How have you been using ICTs to support the development of higher order thinking skills?		
7. How have you engaged your students in cooperative/ collaborative learning using ICT?		
8. What are the various assessment strategies adopted by you in the regular class room teaching which indicate the impact of ICT use? Attach samples.		

Section III: Details of ICT work done during past two academic years.

Provide supporting documents Certificates, Photographs, Poster's, banner, URL of websites blogs, groups, video clips wherever necessary.

Details of work done on ICT during last two academic year:	
1. Aims /Goals of the work ·	
2. Rationale/need/justification for choosing the project [The work should aim at solving an educational problem. It should showcase the ICT skills and understanding you have acquired over the years. Presentations/slide shows (for instance power point presentations) will not quality as work].	
3. Target group and subject (if relevant):	
4. List the Learning Outcomes of the work.	
5. Brief Summary of the work:	
6. Elaborate the steps in implementing the work in your school/institution/community.	
7. List the Real Life Problems addressed through the implementation of this work. Provide supporting documents related to your claim.	
8. How did the work promote interdisciplinary learning? (integration of subject areas)	
9. How did you and/or the students use ICT while executing on the work? Provide supporting documents.	
10. Did the work help in creating awareness in the school/nearby surroundings? If Yes, how? Provide	

supporting documents.	
11. What were the challenges you faced in implementing the ICT aided work? How did you overcome them?	
12. Which assessment methods did you use to determine the achievement of the work (Such as Rubric, portfolio, Oral Assessment, Seminar. Presentations etc). Attach samples.	

Please attach the following supporting documents (soft copy and hard copy)

- ❖ Brief Profile of Self: (Max. 200 words in A-4 size sheet)
- ❖ Implementation Strategies/Plans of ICT integration project.
- ❖ Details of ICT Project Implemented (Hard and Soft Copy)
  - ➤ Supporting Documents that helped in the implementation of the ICT Project. (e.g. Photographs, Field visit report, Posters, Banners, URL of website, group, blogs etc)
  - ➤ Student Assignments related to ICT work (at least two samples)
  - ➤ Assessment Tools

Signature of the teacher: Date:

Name: Place:

(To be Counter signed by the Principal of the School with Seal)

विद्यालयी शिक्षकों हेतु राष्ट्रीय आईसीटी पुरस्कार
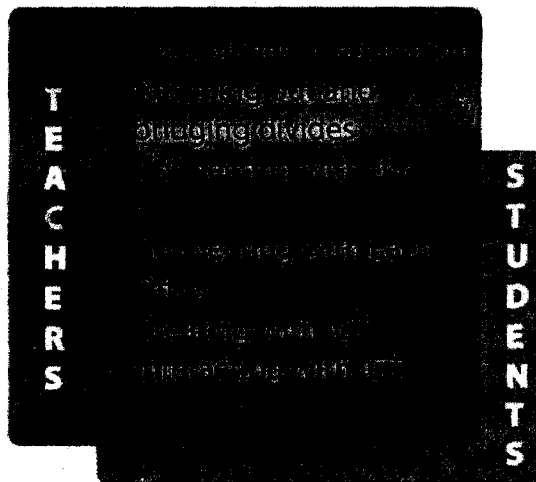# National ICT Award for School Teachers
2013

स्कूल शिक्षा और साक्षरता विभाग
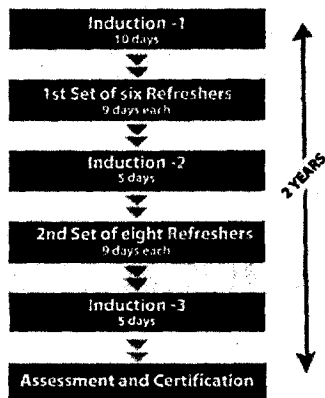मानव संसाधन विकास मंत्रालय
भारत सरकार

Department of School Education and Literacy
Ministry of Human Resource Development
Government of India

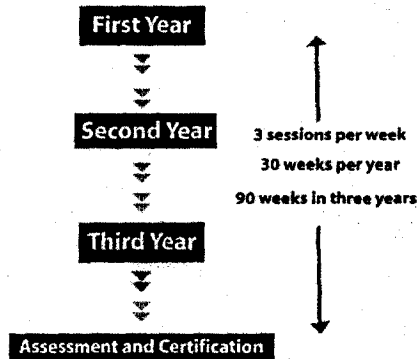# ICT Curricula at a Glance

Strands of the Curricula

TEACHERS

STUDENTS

ICT Course for Teachers

| Induction -1 |
| 10 days |

↓

| 1st Set of six Refreshers |
| 9 days each |

↓

| Induction -2 |
| 5 days |

↓

| 2nd Set of eight Refreshers |
| 9 days each |

↓

| Induction -3 |
| 5 days |

↓

| Assessment and Certification |

2 YEARS

Two Year Diploma in ICT in Education

Induction : Through face to face and online mode
Refresher : Through online mode
Certification : By NCERT

ICT Course for Students (VI -XII class)

| First Year |

↓

| Second Year |

↓

| Third Year |

↓

| Assessment and Certification |

3 sessions per week

30 weeks per year

90 weeks in three years

Three Year Course in ICT in Education

Certification : By Boards of Secondary Education

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ictcurriculum.gov.in

Contents

National ICT Award for School Teachers

Introduction:

Realizing the importance of Media and Educational Technology in India, the National Policy on Education in its modified document-1992 (Media and Educational Technology, Para 8.10-11, Page 38) states that, "Modern communication technologies have the potential to bypass several stages and sequences in the process of development encountered in earlier decades. Both the constraints of time and distance at once become manageable. In order to avoid structural dualism, modern educational technology must reach out to the most distant areas and deprived sections of beneficiaries simultaneously with the area of comparative affluence and ready availability". Further it has stated that "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. Maximum use will be made of the available infrastructure".

The National Curriculum Framework (NCF)-2005 also states "judicious use of technology (Multimedia and ICT) can increase the reach of educational programmes, facilitate management of the system, as well as help address specific learning needs and requirements of young learners, teachers and teacher educators. For instance, mass media can be used to support teacher training, facilitate classroom learning, and be used for advocacy. Possibilities of teaching and learning at varied paces, self-learning, dual modes of study, etc. could all benefit from the use of technology, particularly ICT. The increasing use of the Internet has enabled the sharing of information and provided space for debate and dialogue on diverse issues hitherto unavailable on such a scale. Technological innovations are also necessary for appropriate equipment and aids for meeting the learning requirements of children with special needs. What needs to be underscored is that technology could be integrated with the larger goals and processes of educational programmes rather than viewed in isolation or as an add-on. In this context, technological use that turns teachers and children into mere consumers and technology operators needs to be reviewed and discouraged. Interaction and intimacy are the key to quality education, and this cannot be compromised as a principle in any curricular intervention". In a sense the NCF-2005 emphasises a paradigm shift in respect of the entire process of education. NCF calls for a shift to learner centric ways (primacy of active learner), provide scope for variations in learners needs, multiplicity of learners exposures, and creation of citizens capable of reflective thinking and empowered participation in development.

MHRD-GOI initiative in Spread of ET and ICTs in Education

India recognized the importance of ICT in education as early as 1984-85 when the Computer Literacy and Studies in Schools (CLASS) project was initially introduced as a pilot with the introduction of BBC micro-computers. A total of 12,000 such computers were received and distributed to secondary and senior secondary schools through State Governments. The project was subsequently adopted as a Centrally Sponsored Scheme during the 8th Plan (1993-98). During the 8th Five Year Plan, the Scheme was widened

to provide financial grants to institutions, which were given BBC Micros, and also covered new Government Aided Secondary and Senior Secondary Schools. Assistance included annual maintenance grant for BBC micros and purchase as well as maintenance of equipment for new Schools.

About 2598 schools having BBC Micros were covered under the CLASS scheme during the 8th Plan for providing Instructors, maintenance of hardware, consumables and text books for students and training of teachers in schools. In addition, 2371 schools were covered with new hardware and services, which included Rs.1.00 lakh for hardware configuration and Rs.1.30 lakhs per annum for recurring costs Rs.0.80 lakh per annum was kept as the recurring costs for schools, which has already been covered under the BBC-Micros scheme.

NIC was identified as the nodal agency for finalising the contract for the supply of hardware. The use and supply of software was limited, coverage was confined to Senior Secondary Schools and the students of class XI & XII had to undergo a Computer Course Module.

National Task Force on Information Technology and Software Development (IT Task Force) – constituted by the Honorable Prime Minister of India – in July, 1998 has made specific recommendations on introduction of I.T. in the education sector including schools. The relevant paragraphs are reproduced below: Vidyarthi Computer Scheme, Shikshak Computer Scheme and School Computer Scheme to enable students, teachers or schools respectively, desirous of buying computers to do so under attractive financial packages. These schemes will be supported by a suite of initiatives such as lowering the cost of PCs, easy installment bank loans, computer donations by IT companies and other business houses, bulk donations of computers by NRI organizations, large-volume bargain price imports, multi-lateral funding, etc. Computers and Internet shall be made accessible to schools, polytechnics, colleges, and public hospitals in the country by the year 2003. The concept of SMART Schools where the emphasis is not only on Information Technology in Schools, but also on the use of skills and values that will be important in the next millennium, shall be started on a pilot demonstrative basis in each State. The Report recommended provision of computer systems to all educational Institutions upto Secondary/ Higher Secondary Schools by suitable investments (about 1-3%) of the total budget during the next five years. The recommendations of the Task Force have been approved by the Council of Ministers.

The 'ICT @Schools' scheme is a window of opportunity to the learners in the schools of India to bridge this digital divide. The scheme is not a simple merger of the earlier CLASS (1984-85) and ET Schemes (1972: under which Radio-cum-cassette players (RCCPs) and Colour Television sets (CTVs) were supplied in schools) but is a comprehensive and well thought-out initiative to open new vistas of learning and to provide a level playing field to school students, whether in rural areas or in the metropolitan cities. The 'ICT @Schools' Scheme is not a stand-alone scheme but

actively solicits the partnership of States, Union Territories & other organizations in a mutual endeavour to bridge the heterogeneous proliferation of ICT across different socio-economic and geographic segments in the country. This partnership is manifest in the structure of financing the initiative, in encouraging the development of long-term Computer Education Plans, the setting-up of Smart Schools in KVS/NVS and in States as technology demonstrators and in providing for supplementing the States efforts in these areas with no attempt being made to supplant the State Schemes.

A part from the smart schools concept in Kendriya Vidyalayas (KVs) and Jawahar Navodaya Vidyalayas (JNVs), about *150 more such schools will be established in the states / UT by conversion of one of the existing State Government schools, to serve as role model and to share the infrastructure and resources with the neighborhood schools also.*

In smart schools, the emphasis would not only be on the use of information Technology but also on the use of skills and values that will be important in the next millennium. It is hoped that at least one section (of 40 students) in each of the classes IX – XII will be fully computerized. Thus a school having 160 computers @ 40 computer for each IX to XII classes may be called a smart school under the scheme. However, keeping in view the fact that this target cannot be achieved in one go, it is proposed to provide 40 computers to such identified schools.

Each State Government/Union Territory would convert one school per district into a smart school subject to availability of funds. A grant of not more than Rs.25 lakhs would be given per smart school. This limit may be reviewed in the future. if needed. A sum of Rs.2.5 lakhs shall be provided as recurring costs which includes maintenance, consumable, internet usage and monitoring costs.

The centrally sponsored scheme of 'Educational Technology' (1972) and 'Computer Literacy and Studies in Schools' (1984-85) have been suitably modified keeping in view the past experience, the feedback which has been received and changing needs to form the new scheme of 'Information and Communication Technology in Schools'. The component regarding financial assistance to States/UT's for purchase of Radio-cum-cassette players (RCCPs) and Colour Television sets (CTVs) under the erstwhile Educational Technology Scheme has been weeded out.

ICT@Schools Scheme Launched by Govt. of India

The Centrally Sponsored Scheme "Information and Communication Technology [ICT] in Schools" was launched in December 2004, to provide opportunities to secondary stage students to develop ICT skills and also for ICT aided learning process. The Scheme is a major catalyst to bridge the digital divide amongst students of various socio-economic and other geographical barriers. The Scheme provides support to States/UTs to establish computer labs on a sustainable basis. It also aims to set up SMART schools in Kendriya

Vidyalayas, Navodaya Vidyalayas and schools run by states/UTs to act as "Technology Demonstrators" and to lead in propagating ICT skills among students of neighborhood schools.

1.2.2 Objectives of ICT@Schools scheme are:

1. To establish an enabling environment to promote the usage of ICT especially in Secondary and Higher Secondary Government and Govt. Aided Schools in rural areas. Critical factors of such an enabling environment include widespread availability of access devices, connectivity to the Internet and promotion of ICT literacy.

2. To ensure the availability of quality content on-line and through access devices both in the private sector and by SIETs.

3. Enrichment of existing curriculum and pedagogy by employing ICT tools for teaching and learning.

4. To enable students to acquire skills needed for the digital world for higher studies and gainful employment.

5. To provide an effective learning environment for children with special needs through ICT tools.

6. Promote critical thinking and analytical skills by developing self-learning. This shall transform the classroom environment from teacher-centric to student-centric learning.

7. To promote the use of ICT tools in distance education including the employment of audio-visual medium and satellite-based devices.

Components of the Scheme

The scheme has essentially four components.

The first one is the partnership with State Governments and Union Territories Administrations for providing computer aided education to Secondary and Higher Secondary Government and Government aided schools.

The second is the establishment of smart schools, which shall be technology demonstrators.

The third component is teacher related interventions, such as provision for engagement of an exclusive teacher, capacity enhancement of all teachers in ICT and a scheme for national ICT award as a means of motivation.

Fourth one relates to the development of e content, mainly through Central Institute of Educational Technology (CIET), five State Institutes of Education Technologies (SIETs) and 5 Regional Institutes of Education (RIEs), as also through outsourcing.

With revision of the scheme in the year 2010-11 new component on National Award for Teachers for use of ICT in education has been introduced.

In all 87 ICT awards are instituted by Govt. of India for different states/UTs and seven autonomous bodies/organizations under MHRD. A break-up of state-wise allocation of awards is given on page 11. The award proposes to felicitate those teachers who have enhanced student learning by effectively and innovatively integrating technology supported learning into the school curriculum and subject teaching, and thereby promoted enquiry-based cooperative-collaborative learning using ICT amongst students. Teachers of primary, upper primary, secondary, higher secondary schools from the following organizations are eligible to be nominated under the scheme:

i. State Government schools / schools run by local bodies and government aided Schools (including the schools affiliated to State Boards of School Education)

ii. Central Government schools i.e. Kendriya Vidyalayas (KVs), Jawahar Navodaya Vidyalayas (JNVs), Central Tibetan Schools (under CTSA), Schools run by Ministry of Defence (MOD) i.e. Sainik Schools etc. and schools run by Atomic Energy Education Society (AEES)

iii. Schools affiliated to Central Board of Secondary Education (CBSE) other than those at (i) and (ii) above.

iv. Schools affiliated to Council for Indian Schools Certificate Examinations (CISCE)

As per the guidelines of the Scheme, the selection process for identifying the awardee teachers involves the following:

1. Schools need to send detailed entries in the prescribed format along with supporting documents to the Directorate of Education of their States/UTs/Autonomous Organisations through proper channel (Principal/DEO/Regional Offices etc.).

2. A Committee under the chairpersonship of Secretary/Commissioner (Education) / Chairman of the concerned State/UT/Autonomous Organizations (KVS, NVS, CBSE, CISCE, CTSA, AEES, MOD etc.) will scrutinize all the entries and shortlist the candidates and forward the same to the chairperson of the awards committee along with minutes of the meeting. The State/UT/Autonomous Organization under MHRD is to recommend only twice the number of teachers as their awards quota, in order of merit.

3. Short listed candidates are required to make presentations before the Awards Committee/Jury. Invitation in this regard is sent to teachers directly by CIET-NCERT with intimation to their directorate/organisations. The composition of the Committee is as follows:

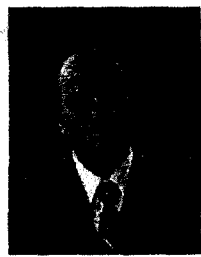|		
i.	Director, NCERT, New Delhi	Chair Person
ii.	DDG, NIC, New Delhi	Member
iii.	Representative from Secondary Education Bureau, Dept. of SE&L, Ministry of HRD, GOI	Member
iv.	Representative from Dept of IT, New Delhi	Member
v.	Joint Director, CIET, New Delhi	Member Secretary

The awards committee recommends the requisite number of awardees to the ministry with justification. The ministry further processes the recommendation for the awards. Each awardee teacher is awarded with a laptop and a commendation certificate. All winners form a community of resource persons through networking.

By now activities were undertaken for the year 2010, 2011 and 2012 and in all 29 teachers (13 in the year 2010, 7 in the year 2011, and 9 in the year 2012) have been awarded with the 'National ICT Award for School Teachers.

For the year 2013, twelve teachers have been selected for giving the National ICT Award for school teachers. A list of awardees, along with their contribution is provided in the following pages.

Awardees of National ICT Award for School Teachers 2013

1.	**Mr. Hareshkumar Vajesangbhai Makwana**	
	The teacher has demonstrated a keen interest and initiative in adopting technology for a variety of purposes, motivating his students to apply ICT judiciously and particularly for solving social problems like health and garbage disposal. He also shared his learning with fellow teachers as a resource person at the state level.	
2.	**Mr. Rajashekhar S. Patil**	
	Using a variety of ICT tools and web resources, the teacher has helped students to develop a health campaign to educate the neighbourhood of illnesses, sanitation and health care. The teacher has demonstrated an advanced awareness of the potential of ICT and applied it to students learning through an active social interface.	
3.	**Mr. Sanjeev Kumar Taneja**	
	As a master trainer, he has developed a network of Mathematics teachers, sharing with them his understanding of technology while leveraging ICT to reach out to students across digitally challenged environments. Many teachers and students have begun to actively participate in his network, learning ICT along the way.	
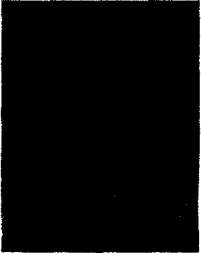
4.	**Mr. Pradeep Negi**	
	The teacher has used ICT extensively using a variety of tools to enable children to access information, organise and document their project activities. He has also helped the e–governance initiative by developing software tools, training programmes and data analysis.	
5.	**Mr. Suryaveer Singh**	
	The teacher has demonstrated an advanced awareness of a variety of applications of ICT, particularly its use in teaching–learning. The teacher has also demonstrated an understanding of the need to promote students' participation in learning through hands-on activities, projects and use of ICT by students.	
6.	**Mrs. Neeraj Punia**	
	The teacher uses technology actively in teaching of Science. Beginning with projects on ThinkQuest, the teacher has leveraged a variety of ICT applications to enhance students' participation and learning. She also focussed on developing research and documentation skills in young children.	

7.	**Ms. Sarita Tejwani**	
	The teacher has demonstrated a keen awareness of the educational potential of ICT in teaching of Science using multimedia presentations, videos, movie, video conferencing etc. for students' learning. She regularly uses portfolios, interviews, quizzes and puzzles for evaluation of students' learning process. She is an active contributor to NROER too.	
8.	**Ms. Pratima Nayak**	
	The teacher teaches Science and Mathematics using GeoGebra, Wikispace and a variety of ICT tools. She has also demonstrated an understanding of the practical application of ICTs by getting her students to gather, analyse and interpret data.	
9.	**Mr. Mriginder Singh**	
	The teacher has used e-contents, e-books, presentations, standalone EXEs for teaching of subjects. Taking an active interest in establishing ICT infrastructure, he has trained his students to manage the lab, undertaking repairs, creating content and learning to go beyond the curriculum. Using ICT for music, sports etc. he has shown an advanced understanding of the potential of the medium.	

10.	**Mr. Balasaheb Murlidhar Chaudhari**	
	Helping students to develop digital stories, mind maps, blogs and podcasts, the teacher has used a variety of web–resources for teaching of English language, literature and Social Sciences to his students developing their skills and awareness of technological tools.	
11.	**Mrs. Kabita Kar**	
	Using an investigation of bio–fuels as an alternative source of energy, the teacher has encouraged her students to explore various ICT resources and learn from them. The reporting through a systematic documentation of the project in the form of a well organised website showcases the teacher's awareness of ICT and interest in developing students' capabilities.	
12.	**Mrs. Swarnali Chattopadhya**	
	Demonstrating a keen understanding of ICT, the teacher has used GIS, mapping and variety of advanced techniques for teaching of Social Sciences at Secondary and Senior Secondary level. Her students have undertaken actual field work applying ICT to understand the geography of a land form.	

Allocation of National ICT Award for School Teachers and numbers of Awards won

S. No	Agencies / STATE	No. of Awards Allocated	No. of Awards won			
			2013	2012	2011	2010
1.	Andhra Pradesh (Seemandhrat+Telengana)	3	-	-	1	-
2.	Arunachal Pradesh	2	-	-	-	-
3.	Assam	2	-	-	-	-
4.	Bihar	3	-	-	-	-
5.	Chhatisgarh	2	-	-	-	-
6.	Goa	2	-	-	-	-
7.	Gujarat	3	1	1	-	-
8.	Haryana	2	-	-	-	-
9.	Himachal Pradesh	2	-	-	-	-
10.	Jammu & Kashmir	2	-	-	-	-
11.	Jharkhand	2	-	-	-	-
12.	Karnataka	3	1	2	-	-
13.	Kerala	3	-	-	-	2
14.	Madhya Pradesh	3	-	-	-	-
15.	Maharashtra	3	-	-	-	-
16.	Manipur	2	-	-	-	-
17.	Meghalaya	2	-	-	-	-
18.	Mizoram	2	-	-	-	-
19.	Nagaland	2	-	-	-	-
20.	Orissa	3	-	-	-	-
21.	Punjab	3	1	-	-	-
22.	Rajasthan	3	-	-	1	1
23.	Sikkim	2	-	-	-	1
24.	Tamil Nadu	3	-	2	3	-
25.	Tripura	2	-	-	-	-
26.	Uttar Pradesh	3	-	-	-	-
27.	Uttarakhand	2	1	2	-	2
28.	West Bengal	3	-	-	-	-
	UNION TERRITORY					
29.	Andaman & Nicobar Islands	1	-	-	-	-
30.	Chandigarh	1	-	-	-	-
31.	Dadra & Nagar Haveli	1	-	-	-	-
32.	Daman & Diu	1	-	-	-	-
33.	Delhi	1	-	-	-	-
34.	Lakshadweep	1	-	-	-	-
35.	Pondicherry		-	-	-	-
	ORGANISATION					
36.	Atomic Energy Education Society (AEES)	1	-	-	-	-
37.	CISCE	1	1	1	-	-
38.	CBSE	3	2	1	-	3
39.	CTSA	1	-	-	-	-
40.	KVS	2	2	-	1	2
41.	NVS	2	2	-	1	2
42.	Schools under Ministry of Defence	1	1	-	-	-
	TOTAL	87	12	9	7	13

Winners of National ICT Award for School Teachers - 2013

S. No.	Name and Address of the Awardees	Residential address
1.	**Mr. Hareshkumar Vajesangbhai Makwana** Assistant Teacher (Mathematics) Shree M.U. Sheth Girls' High School Lakhupol, Wadhvancity Surendranagar – 363030, Gujarat **Email**: haresh.makawana@gmail.com	1, Shraddha Society Avadh Park-A, 80 Feet Road Wadhvan city, Surendranagar-363035 Gujarat
2.	**Mr. Rajashekhara S. Patil** Assistant Teacher (Science) Govt. Higher Primary School Kamsagara, Kabballu, Sathanuru Hobli, Kanakapura, Ramanagara – 562117, Karnataka **Email**: rajusa08@gmail.com	# 179, C/o S. Manunath Church Road, Near Corporation Bank, Kanakapura Town - 562117 Ramanagara Karnataka
3.	**Mr. Sanjeev Kumar Taneja** Mathematics Teacher Govt. Model Senior Secondary School Punjab Agriculture University (PAU) Ludhiana – 141001, Punjab **Email**: sanjeev0708@gmail.com sanjeev1966@hotmail.com	21-D Raj Guru Nagar Ludhiana-141012 Punjab
4.	**Mr. Pradeep Negi** Lecturer Govt. Inter College, BHEL, Ranipur Sector-1, Hardwar – 249403, Uttarakhand **Email**: pradeepnegi70@rediffmail.com	H. No 3/C Ashok Nagar P.O.- Milap Nagar Roorkee , Hardwar - 247667 Uttrakhand
5.	**Mr. Suryaveer Singh** PGT (Geography) S.D. Public School BU -Block, Pitampura -110088, New Delhi **Email**: svschauhan@gmail.com	14-B, Dhaka Chowk Kingsway Camp, Opp. MCD courts Delhi-110009
6.	**Mrs. Neeraj Punia** TGT (Chemistry) D.A.V Public School Sector-14, Gurgaon - 122 00, Haryana **Email**: neerajpunia1974@gmail.com	H. No. 954, Sec-21, Gurgaon-122016 Haryana

S. No.	Name and Address of the Awardees	Residential address
7.	**Ms. Sarita Tejwani** TGT (Science) Kendriya Vidyalaya Engineering College Road Nagziri, Ujjain – 456010, Madhya Pradesh **Email:** tejwani.sarita@gmail.com	23, State Bank Colony, Dewas Road Ujjain Madhya Pradesh-456010
8.	**Mrs. Pratima Nayak** PGT (Mathematics) Kendriya Vidyalaya, Fort William Kolkata – 70002, West Bengal **Email:** pnpratima@gmail.com	27, Joy Krishna Pal Road Khidderpore Kolkata-700023 **West Bengal**
9.	**Mr. Mriginder Singh** Assistant Master (English) Sainik School The Mall, Kapurthala – 144601, Punjab **Email:** mgs388@gmail.com, immortalmirza@gmail.com	C-1, Sainik School Kapurthala The Mall, Kapurthala-144601
10.	**Mr. Balasaheb Murlidhar Chaudhari** TGT (English) Jawahar Navodaya Vidyalaya Pimple Jagtap, Karandi Shirur, Pune – 412208, Maharashtra **Email:** chaudharibm@gmail.com	Jawahar Navodaya Vidyalaya Pimple Jagtap Post-Karandi, Shirur, Dist: Pune-412208, Maharashtra
11.	**Mrs. Kabita Kar** PGT (Physics) Jawahar Navodaya Vidyalaya Gurujang, Khordha – 752055, Odisha **Email:** karkabita8@gmail.com karkabita@yahoomail.com	C-7, Jawahar Navodaya Vidyalaya Gurujang, Khordha - 752055
12.	**Mrs. Swarnali Chattopadhya** PGT (Geography) Delhi Public School Block - DG/3, Action Area -1 New Town, Rajarhat, Kolkata - 700156 West Bengal **Email:** swrnli.6@gmail.com	H. No. 954, Sec-21, Gurgaon-122016 Haryana

Winners of National ICT Award for School Teachers 2012

S. No.	Name and Address of the Awardees	Residential address
1.	**Ms. BIJAL DAMANI** P.G.T. (Commerce) S.N. Kansagra School University Road, Rajkot-360005, Gujarat Email: bijal.damani@tges.org bijal.damani@gmail.com	A-36 Kiran Society Behind Galaxy Cinema Rajkot-360001, Gujarat
2.	**Mr. DHILIP S.** Graduate Teacher (English) Govt. Higher Secondary School Sathiyamangalam Gingee Taluk, Villupuram - 604153,Tamil Nadu Email: dhiliprajus@gmail.com dhilip_s_2000@Yahoo.com	2/87, Raja Street, Sathiyamangalam (Post), Gingee TK, Villupuram -604153, Tamil Nadu
3.	**Mrs. HIMANI ASIJA** Principal (Officiating) Delhi Public School, Karnal, Near Karna Lake, NH-1, Karnal-132001, Haryana Email: himaniasija@gmail.com, himani_asija@yahoo.com	1-P, Sector 8-II Karnal-132001, Haryana
4.	**Mrs. I. GLORY ROSALINE** B.T. Assistant Concordia Higher Secondary School Barugur, Krishnagiri -635104, Tamil Nadu Email: iglo_sath@yahoo.co.in	No.2, III Cross, Karmel Cottage, R.S. Lakshmipuram, Krishnagire-635001, Tamil Nadu
5.	**Mr. JAGDAMBA PRASAD DOBHAL** Assistant Teacher (Mathematics) Govt. Inter College, Dudhali Dehradun-248001, Uttarakhand Email: aajkal1dobhal@gmail.com	House No. 45 Type III phase-II Secretariat Colony, Kedarpuram, Near Doon University, Dehradun-248001, Uttarakhand
6.	**Mr. LAKSHMAN BHAI CHAUDHARI** Principal Adarsh Vidyalaya Rajmahel Road Near Modi Hospital Patan-384265, Gujarat Email: principaladashpatan@gmail.com	6, Harkornagar Society Near Adarsh Vidhalaya Patan-384265,Gujarat

S. No.	Name and Address of the Awardees	Residential address
7.	**Mrs. RADHA N.A.** Assistant Teacher Govt High School Begur, South Block-3, Bangalore-560068 Karnataka Email: radhanarve@gmail.com	No. 33, 4th Cross "REVATH", Shynubogh Nagappa Layout, Bilekahalli, Bangalore-560076, Karnataka
8.	**Mr. RAJESHA Y.N** Assistant Teacher Govt. High School Mallupura, Nanjangud Mysore -571119, Karnataka Email: rajesh.yn@gmail.com	232/2 B F 5/2 I Cross Uttaradi Mutt Road, Fort Mohalla Mysore-570004, Karnataka
9.	**Mr. RAMESH PRASAD BADONI** T.G.T. (Mathematics) Govt. Higher Secondary School Dubra (Saklana), Jaunpur Dist-Tehri Garhwal-249145, Uttarakhand Email: anamaramesh2012@gmail.com rameshbadoni@rediffmail.com	Ajabpurkalan, Dehradun-248001, Uttarakhand

Annexure - II

Winners of National ICT Award for School Teachers 2011

S. No.	Name and Address of the Awardees	Residential address
1.	**Mr. Bergin G** Block Research Teacher Educator Sarva Shikshya Abhiyan C/o Office of Chief Educational Officer Nagercoil, **Kanyakumari** Tamil Nadu – 629001 **Email:** bergin76@gmail.com Bergin76@yahoo.com	Pandaravillaiveedu, Kadayal, Kaliyal post Kanyakumari Tamil Nadu- 629101
2.	**Dr. Hari Krishna Arya** Principal Govt. Senior Secondary School Silwala Khurd, Hanumangarh Town Distt. Hanumangarh Rajasthan - 335526 **Email:** arya_hk@yahoo.co.in	78, Guru Nanak Nagar Street No. 13, Nai Aabadi Hanumangarh, Rajasthan - 335513

S. No.	Name and Address of the Awardees	Residential address
3.	**Mrs. Latha Ramahandran** Primary Teacher Kendriya Vidyalaya, IIT Campus Chennai-600036, Tamil Nadu **Email:** lathaprt@yahoo.com lathaprtiit@gmail.com	11 A, Ground Floor, CGE Housing Colony Kuppam Beach Road Thiruvanmiyur, Chennai - 600041
4.	**Ms. M.Khohila** B.T. Assistant (English) Sree Moolam Rama Varma Higher Secondary School, Asambu Road, Nagercoil Kanyakumari, Tamil Nadu - 629001 **Email:** kohila75@gmail.com	4, Kanagamoolam New Street, Vadasery Nagercoil Kanyakumari District Tamil Nadu-629001
5.	**Mr. Pokuri Srinivasa Rao** School Assistant (Physical Science) ZPHS Adivivaram Chinagandili Mandal Vishakapatnam, Andhra Pradesh – 531173 **Email:** sriflute@gmail.com	H.No. 18-128/2, Velamapet Pendurthi Visakhapatnam, Andhra Pradesh-531173
6.	**Ms. S. Chitra** B.T. Assistant (English) Government High School 17, Asthinapuram Kancheepuram, Tamil Nadu - 603202 **Email:** chitra71pums@rediffmail.com	66/67, Gajapathy Street Gajalakshmi Nagar Chromepet, Chennai – 44 Tamil Nadu
7.	**Mr. V.S. Sajikumar** Art Teacher Jawahar Navodaya Vidyalaya Chettachal (P.O) Vithura Thiruvananthapuram Kerala – 695551 **Email:** jnvtrivandrum@yahoo.co.in sajijnvtrivandrum@gmail.com	Leenanivas Vettikkavala P.O Kottarakkara Kollam Kerala

Winners of National ICT Award for School Teachers 2010

S. No.	Name and Address of the Awardees	Residential address
1.	**Mrs. D.Kavita** Lectrurer in English Govt. Girls' Higher Secondary School Nimbahera, Distt. Chittaurgarh Udaipur Region, Rajasthan – 312601 Email: kavita.fadnavis@gmail.com	180, R.K. Colony Nimbahera Distt. Chittaurgarh Rajasthan- 312601
2.	**Ms. Harminder Kaur Suri** Head Mistress Kendriya Vidyalaya No.4, Near BSNL Telephone Exchange Ambala Cantt, Haryana – 133001 Email: suri.harminder@gmail.com	59 A. Block-A Inderpuri, Ambala Cantt Haryana - 133001
3.	**Mrs. Jainus Jacob** Primary Teacher Kendriya Vidyalaya. Purnattukara Thrisur. Kerala Email: jjainus123@gmail.com	XI/439, Chazhoor House P.O. Pullazhi, Olarikkara Thrissur, Kerala- 680012
4.	**Mr.Kunhammad, K.T.** High School Assistant K.P.E.S. High School Kayakkadi, Vatakara. Kozhikode (Dt.) Kerala – 673508 Email: ktkunhammad@gmail.com	Kannankai House Kayakkody P.O Kozhikode (DT) Kerala- 673508
5.	**Ms. Preeti Sharma** HOD, Computer Science Vivek High School, Sector-38-B, Chandigarh – 160036 Website: vivekhighscool.com Email: preetisharmasag@yahoo.com vivek@vevekhighschool.in	House No – 1601 Sector 34-D Chandigarh – 160021
6.	**Mr. Puran Singh** Lecturer in English, Govt. Senior Secondary School, Shekhupur, Sangrur Road Patiala, Punjab – 147001 Email: puranbindra12@yahoo.in	283-A, Ajit Nagar Near Leela Bhawan Patiala Punjab - 147001

S. No.	Name and Address of the Awardees	Residential address
7.	**Mr. R.V. Raghavenddra Rao** PGT (Biology) Jawahar Navodaya Vidyalaya Kiltampalem, Bowdara (Post) S. Kota Manda, Vizianagarm (Distt) Andhra Pradesh- 535145 **Email:** raghubloom@gmail.com rachuriemail@yahoo.com	Jawahar dNavodaya Vidyalaya Kiltampalem, Bowdara (Post) S. Kota Mandal, Vizianagarm (Distt) Andhra Pradesh- 535145
8.	**Ms. Rashmi Kathuria** PGT (Mathematics) Kulachi Hansraj Model School Ashok Vihar, Phase – III, New Delhi – 110052 **Email:** mathclass_khms@yahoo.co.in rashkath2006@yahoo.co.in	B-17, Vishal Enclave New Delhi- 110027
9.	**Mr. Shoukaman K.P.** High School Assistant GHSS Panankandy PO: Karani, Wayanad Distt. Kerala- 673591 **Email:** kpshouk@yahoo.co.in	Karyaparambil House Malavayal P.O. Thovarimala Wayanad **Kerala** - 673592
10.	**Mr. Santosh Kumar Bisen** TGT (Science) Jawahar Navodaya Vidyalaya, Borai Durg, Chhattisgarh – 491002 **Email:** skbisen@gmail.com skbsen@hotmail.com	Jawahar Navodaya Vidyalaya, Staff quarter – T-III/11 Upper Floor,Borai Distt- Durg Chhattisgarh – 491002
11.	**Mr. S. Sriram** IT Administrator and HOD, Computer Science Mayo College Ajmer, Rajasthan- 305008 **Email:** sriram@mayocollege.com	C-13, Sreshta Apartments 473, Kilpauk Garden Road Chennai - 600010
12.	**Mr. Supriya Bahukhandi** TGT (Mathematics) GIC Dakpathar, Dehradun Uttarakhand – 248125 **Email:** supriyabah@gmail.com supriyabah@yahoo.com	30, Sewak Ashram Road Dehradun – 248001 Uttarakhand
13.	**Mr. Umesh Chandra Pandey** Lectruer in Mathematics GIC Dinapani, Almora, Uttarakhand-263601 **Email:** umeshchandrapandeya47@rediffmail.com	Talla Joshi Khola, Near Arya Kanya Inter College, Almora, Uttarakhand-263601

Curricula for ICT in Education

The Curricula is organised into six strands:
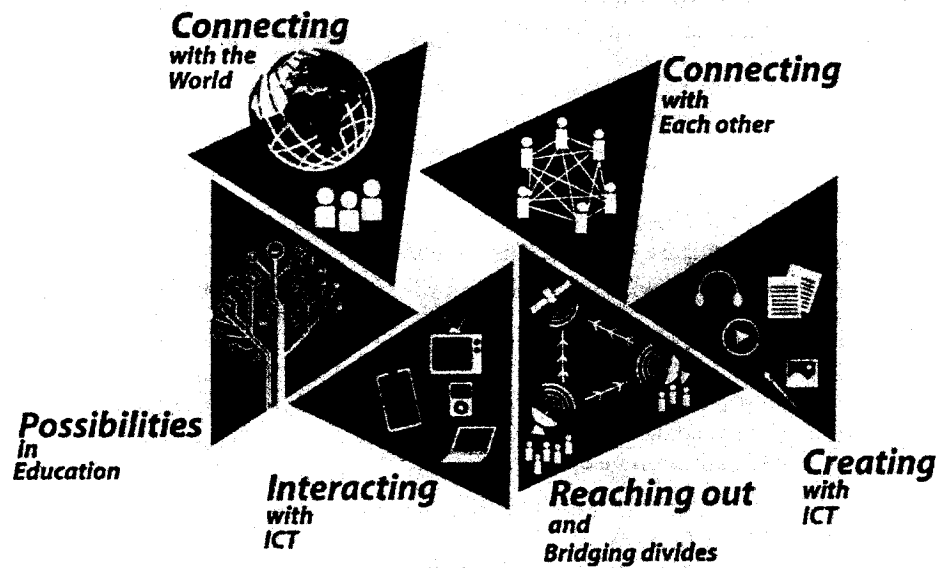
for course details login to: ictcurriculum.gov.in

National Repository of
Open Educational
Resources

VIDEOS

AUDIO

IMAGES

DOCUMENTS

INTERACTIVE

nroer.gov.in

NROER is a collaborative platform, involving every one
interested in childern, teacher and education.The
repository endeavours to bring together all digital and
digitisedable resources for the school system - for all
classes, for all subjects and in all languages.