Guidelines for Nomination of National ICT award by Teacher Educator

1. About

In order to motivate teacher educators to use ICT in school education in a big way, the National ICT award is introduced for teacher educators from the year 2021. A selection process is followed for short-listing and recommendation of the required number of awardees to the Ministry of Education (MoE), GoI. In all 10 ICT awards are instituted by Govt. of India for the teacher Educators of BIETs, DIET, CTE, IASE, SIEMATs, SIEs, SIETs, SCERT Centre/State/UTs as well as other public/private institutions/Organizations working in the area of school education & teacher education and Private Institutes/Organizations. The award proposes to felicitate those teacher educators who have enhanced student learning by effectively and innovatively integrating technology supported learning into the school teacher education curriculum and subject teaching, and thereby promoted enquiry-based cooperative-collaborative learning using ICT amongst teachers/pupil teachers etc.

2. How to Apply

As eligible teacher educators, you can register yourselves on the portal **https://ictaward.ncert.gov.in** by providing your mobile number or email id and choosing a password. After registration, you can login and apply online by answering different questions on the portal. The portal has the option to upload your work to a pdf file or video also.

3. Process of Selection / Evaluation

▪ Self-nominated by the teacher educators at **https://ictaward.ncert.gov.in** portal with supporting documents

▪ The Directorate of Education , with the help of State-level Committee headed by Principal Secretary / Secretary (School Education)/SPD-Samagra Shiksha will scrutinize and forward shortlisted candidates for next level of evaluation.

▪ At CIET, NCERT the short listed candidates would be required to make presentations before a Committee constituted by MoE under the chairpersonship of the Director, NCERT.

▪ The committee would recommend the requisite number of awardees to the Ministry with justification. At the Ministry level the proposal would be scrutinized before the approval of the Minister.

Evaluation Matrix for Teacher Educator
<u>Category A: Objective Criteria</u>

S.No.	Criteria	Max. Marks
1	Whether the teacher educator used ICT for continuous professional development of self and other stakeholders? This can include completion of an online course from SWAYAM/DIKSHA or any other MOOCS platform.	3
2	Whether the teacher educator contributed in mobilization of resources (crowd-funding, encouraging community, etc.) to engage the pupil teachers for creation of ICT infrastructure (Software, Hardware and Systems) in their teaching-learning strategies?	3
3	Whether the teacher educator developed and published/disseminated E-content through DIKSHA, any other LMS, web portal or mobile App?	3
4	Whether the teacher educator contributed to the development of any social media etc. for teaching-learning–assessment?	2
5	Design and implementation of innovation and ICT enabled teaching – learning – assessment methods and strategies **i)** How has the educator helped the pupil teachers in the use of ICT for self learning, investigation and experimentation? **ii)** How has the educator helped in achieving 21st Century skills – cooperation, collaboration, communication, creativity, critical thinking and integration? **iii)** How has the educator helped the pupil teachers in assessment and evaluation using ICT (Rubrics, portfolio etc.) ? **iv)** How has the educator helped the pupil teachers in integration of content, pedagogy and technology with the use of ICT?	4
6	Whether the teacher educator has made any contribution towards the use of ICT for community development at large and for bridging the digital divide amongst teachers?	2
7	Whether the teacher educator has made any contribution in promoting health and well being through ICT (Guidance and Counseling, Yoga services)?	2
8	Whether the teacher educator has made any contribution in liberating technology for DIVYANG/CWSN and using assistive technologies for helping DIVYANG / CWSN ?	2
9	Annual Performance Appraisal Reports or other performance appraisal tools of the last 2 years.	2

S.No.	Criteria	Max. Marks
10	Whether the teacher educator has conducted any program/broadcast/podcast to enhance the digital literacy of pupil teachers. Links may be shared, if any.	2
	Subtotal (A)	**25**

Category B: Criteria based on performance

S.No.	Criteria	Max. Marks
1	Describe an ICT activity you have done, which showcases your best use of ICT for Education (attach supporting evidence, if any). The write up should highlight the educational issues, integration of ICT tools, e-resources and pupil teachers' involvement in ICT integration.	20
2	How have you helped the pupil teachers to use ICTs for self-learning, cooperative / collaborative learning, investigation, experimentation and in bringing innovation to the foreground?	15
3	How has ICT helped you in your own professional growth? Describe how it has helped you improve as a teacher / educator.	10
4	What are the various assessment strategies adopted by you in evaluating the pupil teachers which further indicates the impact of ICT use? Attach samples of your work related to ICT integration.	10
5	What has been the overall impact of your use of ICT in Teaching – Learning Process?	10
6	What are your future plans about ICT integration and enhancing the quality of teacher education?	10
	Subtotal (B)	**75**
	Total (A + B)	**100**

4. No of Awards

In all 10 National ICT Awards for Teacher Educators are allocated for the year 2021. Each awardee teacher educator will get an ICT kit, a Laptop, a silver medal and a commendation certificate. The awardees will be encouraged to function as mentors (resource persons) for their area to motivate and train other teacher educators.

To motivate teachers to use and integrate ICT in teaching-learning and evaluation, the National ICT awards are given away every year. A selection process is followed for short-listing and recommendation of the required number of awardees to the Ministry of Education (MoE), GoI. In all 36 ICT awards are instituted by Govt. of India for the teachers of different States/UTs and seven autonomous bodies/organizations under MoE. 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 foundational, preparatory, middle and secondary schools from the following organizations are eligible to apply under the scheme:

   1) Schools run by the State Govt./UTs Administration, schools run by local bodies, private schools affiliated to state boards, aided by State Govt. and UT Administration.
   2) Central Govt. Schools i.e. Kendriya Vidyalayas(KVs), Jawahar Navodaya Vidyalayas (JNVs), Sainik Schools and Schools run by Ministry of Defence (MoD), Schools run by Atomic Energy Education Society (AEES), Eklavya Model Residential Schools under Ministry of Tribal Affairs and other Ministries/Organizations under Govt. of India.
   3) Schools affiliated to Council for Indian Schools Certificate Examination (CISCE) (Other than those at (1), (2) above).
   4) Schools affiliated to the Central Board of Secondary Education (CBSE) (Other than those at (1), (2) above).

2. How to Apply

Eligible teachers can directly register themselves on the portal **https://ictaward.ncert.gov.in** by providing a mobile number or email Id and choosing a password. After registration, teachers can login and apply online by answering different questions on the portal. The portal has the option to upload the applicant's work as a pdf file and as a video.

3. Process of Selection / Evaluation

▪   Self nomination by teachers/librarians on the portal https://ictaward.ncert.gov.in and upload supporting documents.

▪   The Directorate of Education, with the help of State-level Committee headed by Principal Secretary/Secretary(school Education)/SPD-Samagra Shiksha/ Headquarters of the concerned organization i.e. KVS, NVS, CBSE, CISE, Sainik Schools under Ministry of Defense (MoD), AEES, Eklavya Model Residential Schools under Ministry of Tribal Affairs will scrutinize and forward shortlisted candidate for next level of evaluation at national level.

▪   At CIET-NCERT the shortlisted candidates would be required to make presentations before a Committee constituted by MoE under the chairpersonship of the Director, NCERT.

▪   The committee would recommend the requisite number of awardees to the Ministry with justification. At the Ministry level the proposal would be scrutinized before the approval of the Minister.

Evaluation Matrix for Teachers
<u>Category A: Objective Criteria</u>

S.No.	Criteria	Max. Marks
1	Whether the teacher used ICT for continuous professional development of self and other stakeholders? This can include completion of an online course from SWAYAM/ DIKSHA or any other MOOCS platform.	3
2	Whether the teacher contributed in mobilization of resources (crowd-funding, encouraging community, parents, alumni etc. to contribute) for creation of ICT infrastructure (Software, Hardware and Systems) in the school?	3
3	Whether the teacher developed and published / disseminated E-contents through DIKSHA, any other CMS/PAL/LMS, web portal or social media etc.	3
4	Whether the teacher contributed to the development of any web portal, mobile app, LMS/CMS/PAL etc. for teaching-learning–assessment?	2
5	Whether the teacher contributed to the development of any innovative software or hardware useful for teaching-learning–assessment?	2
6	Design and implementation of innovation and ICT enabled teaching – learning – assessment methods and strategies i) How has the teacher helped students in the use of ICT for self-learning, investigation and experimentation? ii) How has the teacher helped in achieving 21st Century skills – cooperation, collaboration, communication, creativity, critical thinking and integration?	4

S.No.	Criteria	Max. Marks
	iii) How has the teacher helped students in assessment and evaluation using ICT (Rubrics, portfolio etc.) and achieving higher order thinking skills? iv) How has the teacher helped in enhancing learning outcomes among students through integration of content, pedagogy and technology?	
7	Whether the teacher has made any contribution towards the use of ICT for community development at large and for bridging the digital divide?	2
8	Whether the teacher has made any contribution in promoting health and well being through ICT (Guidance and Counseling, Yoga services)?	2
9	Whether the teacher has made any contribution in leveraging technology for CWSN/DIVYANG and using assistive technologies for helping CWSN/DIVYANG?	2
10	Annual Performance Appraisal Reports or other performance appraisal tools of the last 2 years.	2
	Subtotal (A)	**25**

Category B: Criteria based on performance

S.No.	Criteria	Max. Marks
1	Describe an ICT activity that you have done, which showcases your best use of ICT for Education (attach supporting evidence, if any). The write up should highlight the educational issues, integration of ICT tools, e-resources and students' involvement in ICT integration.	20
2	How have you helped students to use ICTs for self-learning, cooperative/ collaborative learning, investigation, experimentation and development of higher order thinking skills?	15
3	How has ICT helped you in your own professional growth? Describe how it has helped you improve as a teacher.	10
4	What are the various assessment strategies adopted by you in the regular classroom teaching which indicate the impact of ICT use? Attach samples of your work related to ICT integration.	10
5	What has been the overall impact of your use of ICT in Teaching – Learning Process? What has been your contribution to the school with respect to ICT integration?	10
6	What are your future plans about ICT integration and enhancing the quality of education?	10
	Subtotal (B)	**75**
	Total (A + B)	**100**

4. No of Awards

Total number of awards for each of the years 2020 and 2021 are 36. In all, the number of awards for both the years are 36x2=72. Each awardee teacher will get an ICT kit, a Laptop, a silver medal and a commendation certificate. The awardees will be encouraged to function as mentors (resource persons) for their area to motivate and train other teachers.

About

In order to motivate State / UT to use ICT in school education in a huge scale, the National ICT award is introduced for State / UT from the year 2021. A selection process is followed for short-listing and recommendation of the required number of awardees to the Ministry of Education (MoE), GoI. In all 3 (three) ICT awards are instituted for best practicing State / UT by Govt. of India. The award proposes to felicitate those State / UT who have enhanced student learning by effectively and innovatively integrating technology supported learning into the school curriculum and subject teaching, and thereby promoting enquiry-based cooperative-collaborative learning using ICT amongst across the State / UT.

2. How to Apply

Principal Secretary / Commissioner / SPD (State Project Director) of State / UT register themselves to nominate their state / UT on the portal **https://ictaward.ncert.gov.in** by providing their mobile number or email id and choosing a password. After registration, you can login and apply online by answering different questions on the portal. The portal has the option to upload your work to a pdf file or video also.

3. Process of Selection / Evaluation

▪ Self nomination by the Principal Secretary / Commissioner / SPD (State Project Director) or any other competent authority on behalf of state/UT at **https://ictaward.ncert.gov.in** portal with supporting documents by using credentials provided by CIET.

▪ At CIET-NCERT the SPDs would be required to present their State / UT ICT work in the form of powerpoint presentation to the Jury Committee.

Evaluation Matrix for Best Practicing States / UT
Category A: Objective Criteria

S.No.	Criteria	Max. Marks
1	How have the State/UT's efforts in teacher preparation through in-service and pre-service trainings brought about distinguishable changes in the performance of teachers? What are the strategies adopted by the State/UT to achieve the goal of 50 hours of annual Continuous Professional Development (CPD) for teachers as mandated in NEP 2020? Enlist the target coverage achieved by the State/UT by organizing any training/CPD courses for the teachers on the following: **(a)** Internet as a learning resource **(b)** Development of Digital Contents **(c)** ICT for Teaching, Learning and Evaluation **(d)** Safe, Secure and Ethical Use of ICTs **(e)** Building Communities and Collectivising **(f)** Courses on NISHTHA	10
2	Describe any third party research, assessment, survey or pilot project undertaken at State/UT level to find the existing issues as well challenges and interventions adopted for teaching, learning and assessment by teachers and students.	3
3	How has the State/UT helped the students, including those with special needs/DIVYANG, in the use of ICT and integration of ICT assisted learning?	2
4	How has the State been instrumental in ensuring that teachers and students are aware of cyber safety and security and taken necessary measures in this regard?	3
5	As per the draft document of Samagra Shiksha, Chapter 7, how has the State/UT harnessed the potential of ICT in ensuring the 'three cardinal principles of access, equity and quality' with regard to School Education?	5
6	How has the State/UT created and utilised any Management Information System (MIS) of the schools and TEIs ecosystem to enable cumulative assessments, regular feedback and enhanced learning at various levels?	5
7	Describe any substantial work done by the State/UT in promoting FOSS tools.	2
8	How has the State/UT ensured implementation of Digital India Campaign - 2015, NDEAR, PRAGYATA Guidelines for Digital Education, Guidelines for Development of eContent for School and Teacher Education etc.	3
9	How many guidelines/standards related to ICT/IT have been developed and implemented by the State/UT?	2
10	Describe any efforts made by the State/UT in the involvement of NGOs, ESRS, community,	5

S.No.	Criteria	Max. Marks
	alumni etc in order to implement ICT component in the State/UT.	
	Subtotal (A)	**40**

Category B: Criteria based on performance

S.No.	Criteria	Max. Marks
1	Describe the strategies adopted by the State/UT in order to enhance and improve ICT infrastructure in various schools under the Samagra Shiksha or any other scheme(attach supporting evidence, if any).	10
2	Describe the ways in which the State/UT has used ICT in transforming classrooms into conducive virtual learning environments. Share evidence/data w.r.t the number of schools that have adopted Digital Education and how it has impacted the teaching - learning process in schools.	10
3	Describe how State/UT has adopted ICT in upgrading/automating the academic as well as administrative works in school.	5
4	Describe the steps taken by the State/UT in the creation/curation and dissemination of quality digital contents for classes 1-12.	10
5	Describe the efforts made by the State/UT to bring in coherence in the access of educational contents and delivery through TV, Radio, QR code, DIKSHA portal/app or any other web portals/apps.	5
6	How has the State enhanced the skill development of teachers in using disruptive technologies, AR/VR, Virtual Labs, LMS, CMS, MIS, AI, coding and Assistive Technologies?	10
7	How has the State/UT helped in sensitization of its stakeholders on the disposal of e-waste and contribute for sustainable development?	5
8	How has the State/UT ensured the bridging of the digital divide? Describe the ways in which digital literacy has been enabled by utilizing ICT infrastructure in schools as alternate solutions for the community?	5
	Subtotal (B)	**60**
	Total (A + B)	**100**

4. No of Awards

Total three (3) awards are allotted for Best practicing State / UTs. Selected best three State / UTs will receive a certificate and trophy. The awardee States will be encouraged to function as mentors to motivate and share best practices with other States.