HRD Minister visiting and interacting at CIET's Stall on Foundation Day of NCERT

Participants getting oriented on ICT during NISHTHA Mega-training Programme

Workshop for Indian Educators of NCERT

Faculty members of NCERT participated in a workshop at Korean Education Research and Information Service (KERIS), Korea

From the Joint Director's Desk

Amarendra P. Behera
Joint Director, CIET

It gives me immense pleasure to write the editorial of CIET's Newsletter July-September, 2019 issue. This quarter was marked by the launch of mega-training programme for teachers called, NISHTHA on 20 August, 2019. NISHTHA i.e. National Initiative for School Heads' and Teachers' Holistic Advancement is a capacity building programme for "Improving Quality of School Education through Integrated Teacher Training". It aims to build competencies among all the teachers and school principals at the elementary stage. The massive scale (more than 40 lakhs) at which the teachers of India will be trained itself makes it one of its kind programme. It encompasses training in various subjects ranging from disciplines of Sciences, Social Sciences, Languages, Information and Communication Technology (ICT) to Art integrated learning. It is an ongoing training programme for training of school heads and teachers.

For the whole process of carrying out the training programme, a Learning Management System based on MOODLE has been developed and can be accessed at https://itpd.ncert.gov.in/ to support this training. The features of this portal include: Data Management System to track registration, training schedules etc., platform for delivering course material, platform for interaction between the mentor and learner and to manage learning in terms of assessing entry & exit behaviour, tracking progress of learning, clarifying queries etc., platform to showcase the follow up activities - actual classroom intervention, sharing of experiences, testimonials etc. and platform to showcase various activities. It means that, the portal acts as a single platform for all the activities undertaken under the programme i.e. from registration to feedback. CIET has been single-handedly handling the whole technical support to this mega-training event.

The 59th Foundation Day of NCERT was celebrated on 02 September, 2019. The occasion was graced by the Chairperson of the council and HRD Minister of India, Dr. Ramesh Pokhriyal 'Nishank' who laid the foundation stone of NCERT's auditorium. The day is celebrated with exhibition of the major activities done by various sub-sets of NCERT by putting up stalls on the same and organization of cultural programmes by the students of Regional Institutes Education (RIEs). Given the kind of work NCERT does and its importance in the field of school and teacher education, Honble. Minister spoke on giving the institute a status of Institute of National Importance (INI).

Another important event that took place during this quarter was the first Editorial Board Meeting of CIET's journal, Indian Journal of Educational Technology. It is an online peer-reviewed open access journal. The members of editorial board participated in it to discuss various issues related to publishing of the journal.

These were some of the important activities took place during the quarter. Various other activities have been undertaken in different PAC and PAB programmes. Developments initiated in the field of Educational Technology (ET) and ICT has been the main thrust area of CIET. The institution has been continuously working in this regard in order to fulfil the aims and objectives of Digital India. Various activities and related developments that happened in the quarter have been mentioned in the newsletter and I am happy to share these with our stakeholders and well-wishers.

Under the **Need based ICT Interventions in elementary schools in Six blocks in India**, review of related literature was done for the research and 08 draft research tools were developed for the study. Workshop for finalisation of Research Tools was held from 20-23 August, 2019 in an expert meeting having 08 Resource persons. All the tools were finalised and later, translated in Hindi also. Piloting of tools was done through visiting two Government schools in Delhi (one in Saket and other in Mehrauli) and reliability and validity of the research tools were established.

DEVELOPMENT

In **Development of ICT courses for Pre-service Teacher Education curriculum,** in-house planning has been done. ET/ICT curriculum documents are being collected from Teacher Education Institutions like, Central Universities, State Universities, CTEs, IASE etc. The criteria for evaluating the ET/ICT curriculum documents was under preparation.

Within the **Development and Dissemination of Educational Media Programs** audio and video productions are done. In audio production, 75 audio programs were produced and 01 Urdu audio-book recorded. In video Production, 70 programmes were produced including 16 modules for NISHTHA mega-training programme. 64 episodes daily (4 pm to 4:30 pm) and 13 episodes (4:45 pm to 5:15 pm) on Educational administration (30 min. each) every Friday live discussion transmitted on SWAYAM Prabha DTH-TV Channel and YouTube channel of NCERT. 552 hours of content telecast on SWAYAM Prabha Channel 31 'Kishore Manch' was telecast. 10 video programs were reviewed through workshops. Feedback for the newly produced programmes were collected from students and teachers of local school Mehrauli on 7 & 8/8/2019, RPVV, Vasant Kunj on 20/8 /2019.

In the **Development and launch of Online Certificate Course on Research Methodology in Education** one video on Concept of Research was produced during this quarter to evaluate and finalize the format.

Under the **Development of e-resources for the School and Teacher Education**, 04 Workshops were held on Augmented Reality (AR) from 2-13 July, 15-19 July, 22-26 July, 29-30 July 2019. As an outcome of these and the previous workshops, a total of 40 e-Content were developed. A field trial was also conducted for these e-Content on 26 July, 2019 at KV-JNU to get the review of developed resources. An app for Augmented Reality namely, ePathshala AR app was developed to access these e-Content. 02 Workshops on AR were held from 31.07.2019 to 04.08.2019 & 10.08.2019 to 18.08.2019 extended to 31.08.2019. As an outcome of these and the previous workshops, a total number of 53 e-Contents in science (IX and X) were developed and uploaded on ePathshala AR App released on Play Store. Similar to the previous months, a workshop was conducted for developing content on Augmented Reality (AR) from 01-06 September, 2019. The purpose of the workshop was to finalize the already developed resources of Science for Classes IX and X. A workshop was held from 27-29 September, 2019 for developing Digital Comic Strip on Discover Gandhi in collaboration with DESS-NCERT. Apart from these, 04 animated stories were developed during this quarter. These are:
i) Bishen ki Dileri (Class V)
ii) Swatantrata ki Ore (Class IV)

iii) Raat bhar Chingharte Rahe (Class V)

iv) बनिा जड़ का पेड़, a story of NCERT textbook Rimjhim of Class V

Development and implementation of SAMADHAN (One Stop Technology solution to School)

Review of related work in the field of technology solutions for school systems was done. A comparison of various existing Open Source Technologies for developing SAMADHAN has been done and the Software Requirement for System (SRS) for the web portal is being developed.

Development and rollout of ICT curricula for ICT in Education in States/UTs is another program under development.

A five-day workshop (29 July - 02 August, 2019) was conducted at CIET, for the Review of Students curriculum class 6 textbook with resource person form Karnataka. Another workshop of five day August 05 - 09, 2019 was conducted at CIET, for the development and review of ICT in Education courses for teachers and students. For implementation of ICT in Education for Students a five-day workshop (August 13- 17, 2019) was conducted in collaboration with DSERT, Karnataka at DSERT, Bangalore for SRPs. Internal review of the developed rubrics and activities for Induction 1 was also done during this quarter.

TRAINING

After the date of registration was extended upto 31st August 2019, under the **Organization of Online Certificate Course on Action Research in Education**, screening of the received applications was done. Out of the total received applications, 167 applications were selected for the new cycle of the course.

EXTENSION

In **Online Publication of Indian Journal of Educational Technology and Newsletter,** CIET's Newsletter April-June 2019 issue was finalised and uploaded on CIET's website (https://ciet.nic.in/Newsletter_April-June_2019/index.html#page=1). The second issue i.e. July, 2019 issue of CIET's journal, Indian Journal of Educational Technology was finalised and published on CIET's website (https://ciet.nic.in/journals/IJET_July-2019/index.html#page=1). Manuscripts (36 in number) for the third issue i.e. January 2020 issue were received. The review of ten manuscripts was done at the editor's level and suggestions were sent to the authors. A half-day meeting of the editorial board was held on 20 September, 2019 where, various issues pertaining to editorial work were discussed. A bookmark of journal was also designed and printed for further dissemination of information on the same.

Editorial Board Meeting of Indian Journal of Educational Technology, 20 September, 2019

Under Resource-cum-Activity Centre in ET/ICT for School and Teacher Education, 04 Assistant Secretaries (IAS officers of 2017 batch) visited NCERT and CIET on 24 July 2019 in order to

understand the contribution of NCERT in School Education.For the CIET library, two new books were purchased in this quarter. The details of which are the following:

1. The Four Pillars of Independent India, Preamchand Peeth, 2019 by C.E. Jeeni
2. Mizoram (Lushai Hills), Preamchand Peeth, 2015 by C.E. Jeeni

Apart from books covering different subjects, the library has the subscription of six English newspapers and six Hindi newspapers. It has twenty six subscribed magazines and periodicals along with eight publications of NCERT.

Other Programmes

Under the **Development of Resources and Support for Web and Online Activities** maintenance of the following web portals are being done on a regular basis:

http://www.ncert.nic.in/, https://ciet.nic.in/, https://itpd.ncert.gov.in/, http://epathshala.nic.in/, https://ictcurriculum.gov.in, https://ictschools.ncert.gov.in, https://nroer.gov.in/welcome, https://pindics.ncert.gov.in, http://osre.ncert.gov.in, https://ncertbooks.ncert.gov.in, https://kalautsav.in, http://aeparc.org, https://ssp.moemu.org/, https://scertonline.tripura.gov.in/index.jsp

10 ERIC reports were analysed, abstract were prepared and uploaded on the online survey of research in education (http://osre.ncert.gov.in/)

For the **Development of course materials for MOOCs on SWAYAM (School MOOCs for Classes 9th – 12th and MOOCs for Teacher Education)** a review report of 21 currently running courses has been prepared. A three-day workshop was conducted for developing self-assessment item for October, 2019 cycle of NCERT MOOCs on SWAYAM: 26th to 28 August, 2019. Meeting with Course Coordinators for 03 new courses was done to discuss the progress of their course on 23 August, 2019. A Workshop was conducted from 17-27 September, 2019 (excluding Saturday and Sunday). The followings were the outcome of these workshops:

- 80 scripts for videos were enriched
- 25 Scripts and 08 Videos were reviewed
- Introductory videos for 11 MOOCs were recorded
- A booklet for School MOOCs is developed and ready for review.

As an overall outcome, twenty three (23) courses for Class XI and XII and three (3) courses for teachers are started on SWAYAM. Till September, 2019 a sum of 9,790 learners were enrolled.

Another programme i.e. **Development and Maintenance of Mobile Apps and Digital Platforms (e-Pathshala and NROER)** for **e-Pathshala** QR codes for 23 textbooks were mapped with e-resources. Number of textbooks for which QR codes created was 10. Similarly, the number of textbooks for which QR codes pasting were verified for was 09. Under the epub, the number of flipbooks uploaded was 12 and epub uploaded were 43. Under NROER, total number of developed resources = 223. Out of which, Maths (URDU) – 31, EVS (URDU) – 33, KGBV 42, Educational Game Primary 15, Educational games - 48, EVS - 01, Maths upper primary- 05, Maths primary – 45 and EVS - 03. Total number of uploaded resources was 298. Out of which, 25- History Upper primary, 04- Mathematics Hr. Secondary, 37- Psychology, 30- History Hr. Secondary, 19- Economics Hr. Secondary, 34- EVS, 51- Science Upper primary, 21- History Higher Secondary , 27- History Upper Primary, 01- Chemistry, 07- Accountancy, 24 - Economics Higher Secondary, 13 - Economics Higher Secondary and 05 - English Primary.

Under the **Organization of Festival, ICT Mela, contests of digital contents and coordination with States/ UTs,** suggestions on the minutes of Review meeting held in the previous quarter was received by experts. The month for organising the festival was finalised, approval of collaborating with SIET Kerala was taken, Advertisement and entry form was finalized and a planning meeting of online platform was done.

The possibilities of using Satellite Communication with the help of SATCOM-ISRO in Continuous Professional Development of Teachers and teacher educators are being explored under the **Professional Development of Teachers and Teacher Educators through Blended Mode (Satellite network and Face to Face Mode).**

Under the **Development and dissemination of ETV Programmes through DTH – TV Network for Schools**, responses of 29 institutions, those who have responded to the letter sent for the status of the DTH network are being analysed for further action.

The live production group of SWAYAM Prabha after the live program of Director, NCERT on 05 September, 2019

LIVE DISCUSSION ON SWAYAM PRABHA CHANNEL # 31

CIET-NCERT has a daily schedule of going live on SWAYAM PRABHA channel where, educational discussions on various topics of different subjects by involving educational experts are done. The schedule for July-September, 2019 has been given below:

July to September 2019 Live discussion programs telecast on SWAYAM Prabha Channel #31 'Kishore Manch'

S. No.	Topic	Subject	Expert/s	Affiliation	Date	Start Time	End Time
1	मैकॉले की शिक्षा नीति	Teacher Education	Prof. Shankar Sharan	Dept. of Education in Social Sciences, NCERT	2019-07-01	4:00 PM	4:30 PM
2	Art Integrated Learning (कला समेकित अधिगम)	Art Education	Prof. Pawan Sudhir	Dept. of Education in Arts & Aesthetics, NCERT	2019-07-02	4:00 PM	4:30 PM
3	उर्दू इमला	Urdu	Prof. Mohd. Faruq Ansari	Deptt. of Education in Languages, NCERT	2019-07-03	4:00 PM	4:30 PM
4	Teacher Education as an Agent for promoting Sustainable Development	Teacher Education	Dr. Jitendra Kumar Patidar	Department of Teacher Education, NIE, NCERT	2019-07-04	4:00 PM	4:30 PM
5	Mechanics	Science	Dr. Gagan Gupta	Dept. of Education in Science & Mathematics, NCERT	2019-07-05	4:00 PM	4:30 PM
6	Importance of Student's Activities for Promoting Life Skills	Education	Prof. Saroj Yadav and Dr. Bijaya Kumar Malik	Department of Education in Social Sciences, NCERT	2019-07-08	4:00 PM	4:30 PM

7	Virtual Reality resources for School Education	ICT in Education	Dr. Yash Paul Sharma	Central Institute of Educational Technology, NCERT	2019-07-09	4:00 PM	4:30 PM
8	सबसे ख़तरनाक (कवि – अवतार सिंह पाश)	Hindi	Prof. Sandhya Singh	Dept. of Education in Languages, NCERT	2019-07-10	4:00 PM	4:30 PM
9	क्या है पढ़ना ?	General	Prof. Usha Sharma	Department of Elementary Education, NCERT	2019-07-11	4:00 PM	4:30 PM
10	Acid Base - Part IV	Science	Dr. Ruchi Verma	Dept. of Education in Science & Mathematics, NCERT	2019-07-12	4:00 PM	4:30 PM
11	Change Leadership and School Improvement: Role of School Leader	School Leadership	Dr. Rashmi Diwan	National Institute for Educational Planning and Administration, New Delhi	2019-07-12	4:45 PM	5:15 PM
12	Ek hi Kitaab meri bhi tumhari bhi (Bolti Kitabein)	Inclusive Education	Dr. Bharti	Dept. of Education of Groups with Special Needs, NCERT	2019-07-15	4:00 PM	4:30 PM
13	Perspective in Social Sciences	Teacher Education	Prof. Gouri Srivastava	Dept. of Education in Social Sciences, NCERT	2019-07-16	4:00 PM	4:30 PM
14	विदाई संभाषण (बालमुकुंद गुप्त)	Hindi	Prof. Sandhya Singh and Dr. Neelkanth Kumar	Dept. of Education in Languages, NCERT	2019-07-17	4:00 PM	4:30 PM
15	Student's Assessment	Teacher Education	Prof. A. D. Tiwari	Educational Survey Division, NCERT	2019-07-18	4:00 PM	4:30 PM
16	Teachers as Reflective Practitioners	School Leadership	Dr. Subitha G. V	National Centre for School Leadership, NIEPA, New Delhi	2019-07-19	4:45 PM	5:15 PM
17	Plant Tissue Culture	Science	Prof. Sunita Farkya	Dept. of Education in Science and Mathematics, NCERT	2019-07-19	4:00 PM	4:30 PM
18	Consumer Rights	Economics	Prof. Shipra Vaidya	Dept. of Education in Social Sciences, NCERT	2019-07-22	4:00 PM	4:30 PM
19	Are We Doing Enough to Encourage Girls in Science	Gender in Education	Prof. Poonam Agrawal	Dept. of Gender Studies, NCERT	2019-07-23	4:00 PM	4:30 PM
20	Teaching of Stories	Teacher Education	Prof. Kirti Kapur	Dept. of Education in Languages, NCERT	2019-07-24	4:00 PM	4:30 PM
21	Sampling	Research	Prof. D.N. Sansanwal & Prof. Rajendra Pal	Retd. from DAVV, Indore, M. P. & CIET, NCERT	2019-07-25	4:00 PM	4:30 PM
22	Functions	Mathematics	Prof. A. K. Wazalwar & Prof. T. P. Sharma	Dept. of Education in Science and Mathematics, NCERT	2019-07-26	4:00 PM	4:30 PM
23	School Leadership: A Journey of Change	School Leadership	Dr. Santhosh Kumar N. & Dr. Kashyapi Awasthi	Vice-Principal, Sarvodaya (Co-Ed) Vidyalaya, New Delhi & NIEPA, New Delhi	2019-07-26	4:45 PM	5:15 PM
24	Service Sector in Indian Economy	Economics	Prof. Neerja Rashmi & Dr. Shekhar Singh	DESS, NCERT & Dyal Singh College, University of Delhi	2019-07-29	4:00 PM	4:30 PM
25	Facilitating Career Choices of Students in School	Guidance and Counselling	Dr. Shraddha Dhiwal	Dept. of Educational Psychology & Foundations of Education, NCERT	2019-07-30	4:00 PM	4:30 PM
26	प्रेमचंद:ज़बान के जादूगर	Urdu	Prof. Mohd. Moazzamuddin	Dept. of Education in Languages, NCERT	2019-07-31	4:45 PM	5:15 PM
27	The Wonderful World of Textbooks (Plagiarism)		Dr. Shveta Uppal and Meenakshi	Publication Division, NCERT	2019-08-01	4:00 PM	4:30 PM

28	Science Laboratory Safety Measures	Science	Dr. Pramila Tanwar	Dept. of Education in Science and Mathematics, NCERT	2019-08-02	4:00 PM	4:30 PM
29	School Self Assessment	School Leadership	Dr. Kashyapi Awasthi	National Centre for School Leadership, NIEPA, New Delhi	2019-08-02	4:45 PM	5:15 PM
30	Art is an important Pedagogy to address Inclusive Education	Art Education	Dr. Sharbari Banerjee and Dr. Bharti	DEAA, NCERT & DEGSN, NCERT	2019-08-05	4:00 PM	4:30 PM
31	Understanding the Recent Examination Reforms in Economics	Economics	Dr. M.V. Srinivasan	Dept. of Education in Social Sciences, NCERT	2019-08-06	4:00 PM	4:30 PM
32	प्रेमचंद की कहानी: दो बैलों की कथा	Hindi	Dr. Naresh Kohli	Dept. of Education in Languages, NCERT	2019-08-07	4:00 PM	4:30 PM
33	Four Year Integrated Teacher Education Program	Teacher Education	Prof.B.P Bhardwaj and Dr. Vijayan K	Department of Teacher Education, NCERT	2019-08-08	4:00 PM	4:30 PM
34	Buoyancy	Science	Dr. A. K. Srivastava	Dept. of Education in Science and Mathematics, NCERT	2019-08-09	4:00 PM	4:30 PM
35	School Development Plan: What, Why and How?	School Leadership	Dr. Kashyapi Awasthi	National Institute for Educational Planning and Administration, New Delhi	2019-08-09	4:45 PM	5:15 PM
36	Sampling: Part 2	Research	Prof. D.N. Sansanwal & Prof. Rajendra Pal	Retd. from DAVV, Indore, M. P. & CIET, NCERT	2019-08-13	4:00 PM	4:30 PM
37	संस्कृत व्याकरण शिक्षण	Sanskrit	Prof. Jatindra Mohan Mishra	Dept. of Education in Languages, NCERT	2019-08-14	4:00 PM	4:30 PM
38	Forms of water in the context of climate change	Science	Dr.C.V Simray	Dept. of Education in Science and Mathematics, NCERT	2019-08-16	4:00 PM	4:30 PM
39	Leadership Practices in a Govt. School in Uttar Pradesh: Child First	School Leadership	Dr. Charu Malik & Mrs. Mayanka Sharma	NIEPA, New Delhi and Head Teacher Govt. School , Mainpuri(U.P)	2019-08-16	4:45 PM	5:15 PM
40	Migration of Languages and Materials	Geography	Prof.M.H. Qureshi and Dr. Tannu Malik	Retd. from JNU, Delhi and Deptt. of Education in Social Sciences, NCERT	2019-08-19	4:00 PM	4:30 PM
41	Curriculum: Foundations and Approaches	Teacher Education	Prof. Anita Nuna	Department of Curriculum Studies, NCERT	2019-08-20	4:00 PM	4:30 PM
42	सर सैयद अहमद ख़ान की मज़मून निगारी	Urdu	Prof. Diwan Hannan Khan & Prof. Mohd. Faruq Ansari	Dept. of Education in Languages, NCERT	2019-08-21	4:00 PM	4:30 PM
43	Sampling - Part 3	Research	Prof. D.N. Sansanwal & Prof. Rajendra Pal	Retd. from DAVV, Indore, M. P. & CIET, NCERT	2019-08-22	4:00 PM	4:30 PM
44	Relations and Functions - Part 2	Mathematics	Prof. A.K. Wazalwar & Dr. T.P. Sarma	Dept. of Education in Science and Mathematics, NCERT	2019-08-23	4:00 PM	4:30 PM
45	Capturing the most significant change in schools	School Leadership	Prof. N. Mythili	National Centre for School Leadership, NIEPA, New Delhi	2019-08-23	4:45 PM	5:15 PM
46	Innovation and Entrepreneurship	Business Studies	Prof. Shipra Vaidya	Dept. of Education in Social Sciences, NCERT	2019-08-26	4:00 PM	4:30 PM
47	eRaksha: Digital Citizenship & Online Safety Awareness Challenge	ICT in Education	Dr. Mamur Ali and Ms. Nisha Dua	CIET, NCERT and Cyber Peace Foundation	2019-08-27	4:30 PM	4:30 PM
48	Teaching of Poetry: Subramania Bharati's Poem 'Wind'	English	Prof. Sandhya Sahoo	Dept. of Education in Languages, NCERT	2019-08-28	4:00 PM	4:30 PM

49	Educational Kit - Urdu & Early Childhood Care and Education (ECCE)	Urdu and Teacher Education	Dr. Chaman Ara Khan and Dr. Reetu Chandra	DEL, NCERT and DEE, NCERT	2019-08-29	4:00 PM	4:30 PM
50	The Chemistry of Water	Chemistry	Prof. Anjni Koul	Dept. of Education in Science and Mathematics, NCERT	2019-08-30	4:00 PM	4:30 PM
51	Positive School Culture : How and Why	School Leadership	Dr. Kashyapi Awasthi	National Centre for School Leadership, NIEPA, New Delhi	2019-08-30	4:45 PM	5:15 PM
52	Understanding the Recent Examination Reforms in Economics - 2	Economics	Dr. M.V. Srinivasan	Dept. of Education in Social Sciences, NCERT	2019-09-02	4:00 PM	4:30 PM
53	Creating Rubrics : What, Why and How?	Teacher Education	Dr. K. V. Sridevi	Department of Curriculum Studies, NCERT	2019-09-03	4:00 PM	4:30 PM
54	बोलना सीखने – सिखाने का सन्दर्भ कुछ क्रियाकलाप	Hindi	Prof. Sanjay Kumar Suman	Dept. of Education in Languages, NCERT	2019-09-04	4:00 PM	4:30 PM
55	Librarian: Instructor of Instructors	Library Science	Dr. Moorttimatee Samantaray	Library and Documentation Division, NCERT, New Delhi	2019-09-05	4:00 PM	4:30 PM
56	Special Live discussion on Teachers' Day "Teacher Education"	Teacher Education	Prof. Hrushikesh Senapaty	Director, NCERT, New Delhi	2019-09-05	3:00 PM	3:30 PM
57	SI unit of System	Physics	Dr. Gagan Gupta	Dept. of Education in Science and Mathematics, NCERT	2019-09-06	4:00 PM	4:30 PM
58	Teachers' Continuous Professional Development	School Leadership	Dr. Subitha G. V	National Centre for School Leadership, NIEPA, New Delhi	2019-09-06	4:45 PM	5:15 PM
59	Women of North-East India: Making a Difference	Geography	Prof. Neeraja Rashmi	Dept. of Education in Social Sciences, NCERT	2019-09-09	4:00 PM	4:30 PM
60	प्रेमचंद की कहानी: दो बैलों की कथा भाग–2	Hindi	Dr. Naresh Kohli	Dept. of Education in Social Sciences, NCERT	2019-09-11	4:00 PM	4:30 PM
61	ICT Integration in Teaching-Learning and Assessment	ICT in Education	Prof. Indu Kumar and Dr. Mohd. Mamur Ali	Central Institute of Educational Technology, NCERT	2019-09-12	4:00 PM	4:30 PM
62	Why do we fall ill? - Part 2	Science	Dr. Pushp Lata Verma	Dept. of Education in Science and Mathematics, NCERT	2019-09-13	4:00 PM	4:30 PM
63	MCD School, Model Basti, Delhi: A Story of Truth and Dare	School Leadership	Dr. Kashyapi Awasthi and Mr. Farid-ul-Haq Warsi	NIEPA, New Delhi and Principal, MCD School, Model Basti, Delhi	2019-09-13	4:45 PM	5:15 PM
64	Electromagnetic Induction - part 2	Science	Prof. Shashi Prabha	Dept. of Education in Science and Mathematics, NCERT	2019-09-16	4:00 PM	4:30 PM
65	Nutritional Needs of School Going Children	General	Dr. Anamika Gupta and Mr. Harish Meena	BHMS, MD, Dietitian and Department of Education in Social Science, NCERT	2019-09-17	4:00 PM	4:30 PM
66	Reading a Memoir 'Poets and Pancakes' by Asokamitran	English	Dr. Meenakshi Khar	Dept. of Education in Languages, NCERT	2019-09-18	4:00 PM	4:30 PM
67	School-based Assessment	Teacher Education	Prof. Indrani Bhaduri	Educational Survey Division, NCERT	2019-09-19	4:00 PM	4:30 PM
68	Slowdown in Indian Economy: Causes and Remedies	Economics	Prof. N. K. Bishnoi and Dr. Pratima Kumari	Guru Jambheshwar University, Hisar, Haryana and DESS, NCERT	2019-09-20	4:00 PM	4:30 PM
69	Leading Inclusion through Partnerships	School Leadership	Dr. Charu Malik and Dr. Ameeta Mulla Wattal	NIEPA, New Delhi and Principal, Springdales School, Pusa Road, N. Delhi	2019-09-20	4:45 PM	5:15 PM

70	Exploring the Globe	Geography	Prof. Aparna Pandey	Dept. of Education in Social Sciences, NCERT	2019-09-23	4:00 PM	4:30 PM
71	Learning Styles and their Implications in Teaching	Psychology	Ms. Deepmala	Dept. of Educational Psychology & Foundations of Education, NCERT	2019-09-24	4:00 PM	4:30 PM
72	फ़िराक की शायरी में हिन्दुस्तानी रूप रस	Urdu	Dr. Chaman Ara Khan	Dept. of Education in Languages, NCERT	2019-09-25	4:00 PM	4:30 PM
73	Innovations in Teaching - Learning	Teacher Education	Prof. B. P. Bhardwaj & Dr. J. K. Patidar	Department of Teacher Education, NCERT	2019-09-26	4:00 PM	4:30 PM
74	Use of ICT in Teaching - Learning of Science	Teacher Education	Dr. Arnab Sen and Dr. Rejaul Karim Barbhuiya	North East RIE, NCERT and DESM, NCERT	2019-09-27	4:00 PM	4:30 PM
75	Highlights of Draft NEP 2019: School Governance & Leadership	School Leadership	Prof. K. Ramachandran & Dr. Sunita Chugh	Leading Educationist & NIEPA, New Delhi	2019-09-27	4:45 PM	5:15 PM
76	Need of Population Stabilization in India	General	Prof. Saroj Yadav and Dr. Zoya Ali Rizvi	Dean Academics, NCERT & Assistant Commissioner, MoHFW, Govt. of India	2019-09-28	4:00 PM	4:30 PM

Since 29th December 2017, Live interactive programs with academic experts are being telecast on SWAYAM Prabha DTH-TV Channel 'Kishore Manch' every working day. From July 2019 to August 2019, 77 live telecasts with 38.5 hours have been covered including various topics related to secondary and senior secondary school students, teachers and teacher education. It included special weekly (Every Friday) live programs on school leadership and administration in collaboration with National Centre for School Leadership, National Institute of Educational Planning and Administration, New Delhi.

The following table 1 and graph presents that majority of live discussions were on languages and school leadership with 16.88 % each followed by teacher education (15.58 %) and science (14.28 %). The discussion on commerce and social sciences subjects were 7.79 % each. In addition, discussions on information and communication technology in education (5.19 %), research in education (3.89 %), mathematics (2.59 %) and art education (2.59 %) were also included in live telecasts. However, other 6.49 % of the programs were related to guidance and counselling and generic in nature.

Subject-wise distribution of Live telecast on SWAYAM Prabha Channel #31 'Kishore Manch'

Subjects	No. of Live telecast	% of Live telecast
Language	13	16.88
School Leadership	13	16.88
Teacher Education	12	15.58
Science	11	14.28
Commerce	06	7.79
Social Science	06	7.79
ICT in Education	04	5.19
Research in Education	03	3.89
Math	02	2.59

Art Education	02	2.59
Others	05	6.49
TOTAL	77	100

Subject-wise distribution of Live telecast (July to August 2019)

Subject	Percentage
LANGUAGE	16.88%
SCHOOL LEADERSHIP	16.88%
TEACHER EDUCATION	15.58%
SCIENCE	14.28%
SOCIAL SCIENCE	7.79%
COMMERCE	7.79%
ICT IN EDUCATION	5.19%
RESEARCH IN EDUCATION	3.89%
ART EDUCATION	2.59%
MATH	2.59%
OTHERS	6.49%

Audio-Video & Multimedia Production

SCRIPTING

Script writing is a step which needs to be followed before an audio or video programme. It is a written proforma of idea behind any programme. Therefore, a good quality script written in a particular format is indispensable. A script has to be theme-based and should contain correct and clear information about the knowledge that is aimed to be delivered. In order to facilitate this, all the programme scripts are discussed thoroughly in the Script Appraisal Committee. The scripts discussed are either passed or are held back for the suggestions to be incorporated. Following is the list of scripts that were placed before the script committee for assessment during July-September, 2019.

List of scripts put up in the Script Committee Meeting during July-September, 2019

S. No.	Title of the Script	Subject	Medium	Department	Media Type	Date of Meeting	Target Audience	Status
1	Episode 3: चढ़ता जोकर	Science	Hindi	DESM-NCERT	Video-Puppet Based Drama	04/07/2019	Class VIII	Accepted with modification
2	बगीचे का Sprinkler	Science	Hindi	DESM-NCERT	Video-Puppet Based Drama	04/07/2019	Class VIII	Sent for modification

3	E-content in Economics for Secondary and higher secondary stage	Economics	English	DESS	Video	04/07/2019	Senior secondary	Sent for modification
4	Episode 4: बगीचे का Sprinkler	Science	Hindi	DESM-NCERT	Video-Puppet Based Drama	25/07/2019	Class VIII	Accepted with modification
5	Episode 5: अंडे का फंडा	Science	Hindi	DESM-NCERT	Video-Puppet Based Drama	25/07/2019	Class VIII	Accepted with modification

PRODUCTION

After the script is passed, programs are produced in various modes- audio or video. CIET-NCERT has an expertise in producing educational programs of various disciplines and subjects. Apart from the below listed programmes CIET has also recorded five programmes for HRM's office.

List of Audio programs produced (recorded) during July-September, 2019

S. No.	Name of the programme	Subject	Target group	Duration of programme	Producer
1	Chapter 1 of Audiobook on Kaleidoscope - I sell my dreams	English	Hr. Secondary	27:36	Sri Ajit Horo
2	Chapter 2 of Audiobook on Kaleidoscope- Eveline	English	Hr. Secondary	22:41	-do-
3	Chapter 3 of Audiobook on Kaleidoscope- A wedding in Brownsville	English	Hr. Secondary	53:11	-do-
4	Chapter 4 of Audiobook on Kaleidoscope- Tomorrow	English	Hr. Secondary	01:33:09	-do-
5	Chapter 5 of Audiobook on Kaleidoscope- One continent	English	Hr. Secondary	46:39	-do-
6	Helen Keller	English	Primary	14:00	-do-
7	Neha's Alarm Clock	English	Primary	10:00	-do-
8	Giving Tree	English	Primary	12:00	-do-
9	Flying Together	English	Primary	9:00	-do-
10	Chapter 1 of audiobook on अपनी जुबां – मिट्टी का दीया	Urdu	Upper Primary	20:02	Smt. Vanadana Arimardan
11	Chapter 2 of audiobook on अपनी जुबां – एक ख़त	Urdu	Upper Primary	20:06	-do-
12	Chapter 3 of audiobook on अपनी जुबां – एक पहाड़ और एक गिलहरी	Urdu	Upper Primary	20:00	-do-

13	Chapter 4 of audiobook on अपनी जुबां – हज़रत मोहम्मद	Urdu	Upper Primary	50:00	-do-
14	Chapter 5 of audiobook on अपनी जुबां – ज़र्रों को भी इंसान बना दो	Urdu	Upper Primary	12:00	-do-
15	Chapter 6 of audiobook on अपनी जुबां – पहले काम बाद में आराम	Urdu	Upper Primary	20:00	-do-
16	वेंकट रमन राम कृष्णन	Hindi	Secondary	24:00	-do-
17	स से साँप की सच्चाई	Hindi	Primary	15:00	-do-
18	गुज़रा हुआ ज़माना	Hindi	Upper Primary	14:00	-do-
19	मिआऊं का खेल	Hindi	Primary	05:00	-do-
20	Chapter 4 of audiobook on अभिव्यक्ति और माध्यम – पत्रकारीय लेखन	Hindi	Hr. Secondary	57:00	Smt. Vimlesh Chaudhary
21	Chapter 5 of audiobook on अभिव्यक्ति और माध्यम – विशेष लेखन	Hindi	Hr. Secondary	48:14	-do-
22	Chapter 6 of audiobook on अभिव्यक्ति और माध्यम – कैसे बनती है कविता	Hindi	Hr. Secondary	24:00	-do-
23	पेड़ हमारे दोस्त	Hindi	Primary	05:55	-do-
24	वह सुबह कभी तो आएगी	Hindi	Upper Primary	10:00	-do-
25	जब सिनेमा ने बोलना सीखा	Hindi	Upper Primary	10:00	-do-
26	बाज और साँप	Hindi	Upper Primary	10:00	-do-

List of Video programs produced (recorded) inside and outside NCERT during July-September, 2019

NCERT Campus

S. No.	Name of Programme	Producer	BRD No.	Date
1	Research in Education	Sh. Buddhi Prakash Kukreti	CIET/BRD/3418	25.07.2019
2	Celebration of Birth Anniversary of Premchand	Shri Mansukh Rathod	CIET/BRD/3438, 39	31.07.2019
3	----- do -----	----- do -----	CIET/BRD/3440,41,42,43	02.08.2019
4	Video programme for NISHTHA	----- do -----	CIET/BRD/3223,24	03.09.2019
5	Video programme for NISHTHA	----- do -----	CIET/BRD/3225,26	04.09.2019
6	Video programme for NISHTHA	----- do -----	CIET/BRD/3298,2300	05.09.2019
7	Video programme for NISHTHA	----- do -----	CIET/BRD/2906,3394	05.09.2019
8	Professional Development Course NCERT	Sh. Buddhi Prakash Kukreti	CIET/BRD/3419,3418	20.09.2019

Outdoor

S. No.	Name of Programme	Producer	Date
1	Syllabus, Curriculum and Textbook	Shri Sudhir Kumar Saxena	09.07.2019
2	Science experiment	Smt. Anita Malhotra	10.07.2019
3	Faculty Development Programme	Smt. Sujata Lochab	03.07.2019
4	Cartoonist Sudhi	Shri Buddhi Prakash Kukreti	05.07.2019
5	Video programme for NISHTHA	Smt. Anita Malhotra	20.07.2019
6	Premchand Jayanti	Shri Mansukh Rathod	31.07.2019
7	Sampling	Shri Buddhi Prakash Kukreti	25.07.2019
8	Video programme for NISHTHA	Smt. Sujata Lochab	02.08.2019
9	Idgah	Shri Mansukh Rathod	02.08.2019
10	Video programme for NISHTHA	-----------do----------	06.08.2019
11	Video programme for NISHTHA	-----------do----------	09.08.2019
12	Video programme for NISHTHA	-----------do----------	13-14.08.2019
13	Sudhir Tailang PFM	Shilpa	14.08.2019
14	Video programme for NISHTHA	Shri Mansukh Rathod	16-19.08.2019
15	Video programme for NISHTHA	Shri Buddhi Prakash Kukreti	21-27.08.2019
16	Foundation Day	-----------do----------	02.09.2019
17	Chemistry Practical	Shri Mansukh Rathod	03-06.09.2019
18	Video programme for NISHTHA	Shri Buddhi Prakash Kukreti	03-09.09.2019
19	Video programme for NISHTHA	Shilpa	03-09.09.2019
20	Video programme for NISHTHA	Shilpa	18-21.09.2019

PREVIEW

For all the audio and video programs produced in CIET-NCERT, there is a process of assessment in order to maintain the quality of programs. This is done after the process of editing is over. All the programs made are previewed every Friday from 9.30 am before the programs are finalized offline. The list of previews done during July-September, 2019 has been given below:

List of programmes previewed during July-September 2019

S. No.	Name of the programme	Subject	Target group	Duration of programme (min:sec)	Producer
1	अमीबा मे द्विविभाजन (Binary Fission) और हाइड्रा मे मुकुलन (Budding) का अध्ययन	विज्ञान (Science), कार्यक्रम समन्चयक डॉ पुष्प लता वर्मा	माध्यमिक कक्षा – X	14:56	श्री बुद्धि प्रकाश कुकरेती

2	Determination of Melting point of a Solid Organic Compound	Chemistry, Prog. Coordinator- Pramila Tanwar	Sr. Secondary	10:00	Sh. Mansukh Rathod
3	Telling a Story to children	Prog. Coordinator- Prof. Usha Sharma	Teachers	18:00	Sh. Sudhir Saxena
4	बच्चों को कहानी सुनाना	कार्यक्रम समन्वयक प्रो. उषा शर्मा	अध्यापक	11:06	-do-
5	बल और गति के नियम	विज्ञान—भौतिकी, कार्यक्रम समन्वयक— डा. अरुणामोहन एवं अनुराधा माथुर	माध्यमिक कक्षा — IX	29:00	श्री बुद्धि प्रकाश कुकरेती
6	Use of Chemical Balance for weighing	Chemistry, Prog. Coordinator- Pramila Tanwar	Sr. Secondary	15:00	Sh. Mansukh Rathod
7	Research (Research in Education)	Education, Coordinator- Prof. Rajendra Pal	Higher Education	19.30	Sh. Buddhi Prakash Kukreti
8	Bal Aur Gati Ke Niyam Part-II	Science-Physics, Coordinator- Dr. Aruna Mohan Ms. Anuradha Mathur	Secondary	30.00	Sh. Buddhi Prakash Kukreti
9	PSSCIVE from a glorious past to an inspiring future	English, Coordinator- Dr. Vipin Jain	General	10.00	Smt. Sujata Lochab
10	Curriculum, Syllabus and Text Books	EVS, Academic Coordinator- Prof. Kavita Sharma	Teachers	12.10	Sh. Sudhir Saxena
11	बाज और साँप (पाठ्यपुस्तक वसंत के एक पाठ पर आधारित)	हिन्दी	कक्षा — 8	15:00	श्रीमती विमलेश चौधरी
12	Gharana evam parampara	Music, Coordinator- Ms. Sarbari Banerjee	Secondary	10.25	Smt. Anita Malhotra
13	Bal Aur Gati Ke Niyam Part-II	Science-Physics, Coordinator Dr. Aruna Mohan & Ms. Anuradha Mathur	Secondary	30.00	Sh. Buddhi Prakash Kukreti
14	Sangitik shabdon ka Vishleshan	Music, Coordinator- Ms. Sarbari Banerjee	Secondary	10.50	Smt. Anita Malhotra
15	Kavi Bihari	Hindi, Coordinator- Prof. Lal Chand Ram	Secondary	22.07	Sh. Sudhir Saxena
16	Raagon me Sadaz	Music, Coordinator- Ms. Sarbari Banerjee	Secondary	11.17	Smt. Anita Malhotra
17	Kavi Kabir	Hindi, Coordinator- Prof. Lal Chand Ram	Secondary	21.07	Sh. Sudhir Saxena
18	Helen Keller	English	Primary/ Teacher	12.00	Sh. Ajit Horo
19	Bal Aur Gati Ke Niyam Part-II	Science-Physics, Coordinator Dr. Aruna Mohan & Ms. Anuradha Mathur	Secondary	16.00	Sh. Buddhi Prakash Kukreti
20	NISHTHA 8 Programmes 3 Programmes	Education	Teachers	01.00 each 05.00 each	Sh. Buddhi Prakash Kukreti Sh. Mansukh Rathod
21	गुज़रा हुआ जमाना	उर्दू कार्यक्रम समन्वयक— डा. चमन आरा	कक्षा — 9	11.00	Smt. Vandana Arimardan
22	Jab Cinema ne bolna seekha	Hindi	Class 8	10.00	Smt. Vimlesh Chaudhary
23	Magic Garden- Marigold Ch-1 (Sign Language)	English	Class 3	07.45	CIET/ ISLRTC (DELHI)
24	Pakori –Rimjhim Ch-5 (Sign Language)	Hindi	Class 1	03.34	CIET/ ISLRTC (DELHI)

25	Neha's Alarm Clock	English	Primary	07.00	Sh. Ajit Horo
26	PSSCIVE from a glorious past to an inspiring future	English Coordinator- Dr. Vipin Jain	General	10.00	Smt. Sujata Lochab
27	वेंकटरमन रामाकृष्णन	हिन्दी	Higher Secondary	23.00	Smt. Vandana Arimardan
28	Health and Well Being in Schools	NISHTHA	Teachers	25.00	Sh. Mansukh Rathod
29	NCERT- एक अनवरत शैक्षिक यात्रा	Documentary	General	11:00	श्रीमती सुजाता लोचब
30	पेड़ हमारे दोस्त	हिन्दी	Upper Primary	05:30	Smt. Vimlesh Chaudhary
31	Health and Well Being in Schools	NISHTHA	Teachers	25.00	Sh. Mansukh Rathod
32	Giving Tree (A lesson from marigold 4 Text in English for class-4)	English	Primary	9.10	Sh. Ajit Horo
33	Gram Panchyat ka Chunav	EVS, Coordinator Dr. Jaya Singh	Upper Primary	12.33	Sh. Mansukh Rathod

QUALITY ASSESSMENT OF MEDIA PROGRAMS

CIET-NCERT has adopted a mechanism for reviewing audio, video and other multimedia e-contents before disseminating them on respective web portals which is done on a routine basis. Workshops are also conducted on regular basis to review programs received from different states for Shala Gunvatta (ShaGun) portal NROER, ePathshala, MOOCs and DIKSHA. During this quarter, Apart from these programs, review workshops for content validation for various organizations are also undertaken by CIET on a regular basis. 20 video programs were reviewed through workshops for the above mentioned initiatives.

DISSEMINATION OF eCONTENTS

Apart from production, CIET-NCERT is also instrumental in dissemination of the e-contents developed by it and by others. Total number of e-Resources uploaded in the open repository i.e. **NROER** for free use were 14,840 including- 401 collection, 2,778 documents, 1270 interactives, 1,664 audios, 2,586 images, 6,141 videos. The total no. of registered users till June end has been 14,436.

ePathshala is a portal supported with app where there are e-resources of NCERT put up for use. The portal had 5,17,55,284 visitors, the app had a rating of 4.38 out of 5 on Google play store, 3 out of 5 on Apple store and 4.3 out of 5 on Windows Store. Till 30 September, 2019 24,96,167 users downloaded the app from various play stores. Total views of ePathshala on Youtube have been amounted to 33,140,651. Total books published on it as ePub are 696 while, there are 504 Flipbooks. Seven states namely, Andhra Pradesh, Delhi, Haryana, Karnataka, Mizoram, Manipur and Uttar Pradesh have submitted 152 digitized books. QR codes generation for 321 textbooks of NCERT has already been done and resource mapping is in progress.

PINDICS app had 36,260 downloads, **PARAKH** (Third Party Evaluation of ICT in States) had 2,682 users whereas, **KISHORE MANCH** had 4,040 users. ePathshala on **UMANG** had 35,96,322 hits. Twelve

books of vocational education are available on ePathshala app. **ePathshala Scanner** app was downloaded by 20,050 people.

Apart from this, support to SCERTs (digitization of its books & YouTube channel) in Chhattisgarh, Haryana, Manipur, Telangana and Tripura (Webportal created, ePub & Teacher Training modules) , UP State i.e. to SIET Lucknow (YouTube channel), PSSCIVE-NCERT (uploading of books), DAE-MHRD (YouTube channel), Mauritius SSP (Webportal &YouTube channel creation), Rajasthan, DEO-Varanasi is also provided by CIET-NCERT as a regular exercise. Support to SCERT Tripura was given in the form of a webportal with 210,201 views of Tripura Siksha Bandhu.

DTH TV channel (31) named as 'Kishore Manch'

As nominated by MHRD, Central Institute of Educational Technology (CIET), NCERT is the national coordinator for one DTH TV channel (31) named as 'Kishore Manch'. CIET provides contents related to secondary and senior secondary students and teacher education for 6 hours which gets repeated 3 times to make it 24X7 Channel.

As a pre-planning, the syllabus and schedules of secondary and senior secondary school level are examined month-wise and accordingly programs are arranged for telecast on the channel. A weekly plan has also been developed for making this process more relevant and to cover all the subjects such as arts, languages, science, commerce, social sciences and humanities. The programmes on performing arts, crafts, physical education, teacher education etc. are also included in the schedule. Apart from scheduling syllabus-based programmes, the programmes related to special days, festivals, national and international days/events are taken into consideration while developing weekly and monthly schedules. The motive of the channel is to provide access of quality education to every child of the country.

About 1882 programs have been telecast on the Kishore Manch channel as per schedule between July to September 2019. It is noted that the total number includes the repetitions also. Among these 1882 programs, 203 were the lecture series of different subjects of class XI (46) and XII (157). Apart from lecture series, there were 1402 programs covering the syllabus of secondary and senior secondary level. Similarly, teachers related 123 programs were also included in the schedule. Seven hundred and three general programs related to art, craft, culture, dance, music, physical education etc. have also been telecast on the channel between July to September 2019.

Besides the types of programs, the analysis of the schedule also reported the subject-wise categorization of programs (see table 1) between July to September 2019.

Subject-wise categorisation of programs scheduled and telecast between July to September 2019 on SWAYAM Prabha # 31 (Kishore Manch)

Subjects	No. of Programs telecast	% of programs telecast
Social Sciences (Economics, Geography, History, Political Science, Sociology)	318	16.89
Sciences (Biology, Chemistry, Physics)	304	16.15
Art, Culture, Crafts, Dance and Music	293	15.56
Language	193	10.25
Mathematics	79	04.19
Accountancy	31	01.64

Business Studies	27	01.43
Psychology	21	01.11
Others	616	32.73
Total	**1882**	**100**

As shown in the above table, there were 318 and 304 programs related to different disciplines of social sciences and sciences respectively. Seventy nine programs included the Mathematics lecture series, Mathematics activities and other related programs. Similarly, language related programs (193) were mostly of Hindi language. The schedule covered 293 programs depicting Indian art and culture through different series of videos. Furthermore, Accountancy (31), Psychology (21) and Business Studies (27) subjects of senior secondary level were also placed in the schedule. Other programs (616) were related to physical education, Yoga, teachers, famous personalities, travelogues and environment were generic in nature.

Participation in Conferences/Seminars and publication

An article of Dr. Abhay Kumar published in Prabhat Khabar on 22 September, 2019

A paper titled, 'Information and Communication Technology (ICT): Its Origin in India and Pedagogical Integration in the Study of Geography' by Dr. Nidhi Singh got published in i-manager's Journal of Educational Technology, Vol.16, No.1, April-June 2019, pp 1-9.

Published a case-study titled " Kishore Manch : A SWAYAM Prabha Channel for School and Teacher Education" by Dr. Alka Singh in Newsletter of Commonwealth Educational Media Centre for Asia (July 2019, Vol. 5, No.3). http://cemca.org.in/ckfinder/userfiles/files/Final_Newsletter_July_2019-11-07-2019_H.pdf

An article titled, 'प्लास्टिक से मुक्ति ज़रूरी' by Dr. Abhay Kumar got published in all the editions of प्रभात ख़बर, a Hindi daily newspaper on 22 September, 2019.

Dr. Astha Saxena co-authored and presented a paper titled, 'Perspective Building for Environment among Teachers: A Curricular Initiative for Sustainable Development', along with Prof. (Dr.) Alka Behari at the International Conference on Sustainability Education (ICSE), 9-10 September, 2019 at India Habitat Centre (IHC), New Delhi. The paper received the 'Best Paper Award' in the Conference.

Prof. Amarendra P. Behera was invited as a special guest in the Digital Corridor, an event organised by World reader on International Literacy Day, 08 September, 2019 at Pacific Mall, Ghaziabad, Uttar Pradesh. The event was for encouraging digitization in reading, learning and education.

Faculty Members of NCERT participating in the Workshop of KERIS, South Korea

Prof. Amarendra P. Behera participated in a meeting of 'Ek Step' in order to discuss DIKSHA platform and its integration in ODB, Bangalore on 11 September, 2019.

Dr. Angel Rathnabai attended and participated in the Workshop for Indian Educators of NCERT at Korean Education Research and

Information Service (KERIS), part of the collaborative workshop between NCERT and Academy of Korean Studies organised at Seoul, South Korea from 16-20 September, 2019.

Prof. Amarendra P. Behera participated as an invitee in the meeting held at the Deptt. of School Education, UT of Jammu and Kashmir on 17-18 September, 2019.

Gupta, D. (2019). Capacity Building of Teacher Educators for e-Learning Tools: An Experimental Study , Indian Journal of Educational Technology (IJET), Vol 1, Issue 2, pp 1-13, https://ciet.nic.in/journals/IJET_July-2019/index.html#page=4

| AWARDS | Dr. Abhay Kumar was awarded the first prize in हिंदी निबंध (अकादमिक वर्ग) in the हिंदी पखवाड़ा 2019 organised by NCERT from 4-11 September, 2019. |

VISITORS

NCERT faculty members visited CIET as part of the Orientation-cum-Refresher Course, 26-27 September 2019.

Visit of Air Force Academy Cadets & Officer to NCERT for Study Tour, 13 September, 2019

CIET-NCERT has been regularly facilitating enhancement of knowledge of students, teachers and teacher educators through various means. One such way is to orient them through visits done to the institution. During these visits they are introduced to the various initiatives of the institution and the manner in which audio-video and multimedia productions are done. The detail of visits done during this quarter of the year has been given below:

Internship and Exposure Visits to CIET

Single day visit for Teacher Educators/Trainee Teachers

S. No.	Name of the Institute/College/Organisation	Total no. of Trainees/ Faculty	Date of the Visit
1	Guru Gobind Singh Indraprastha University, Delhi	75	11 September, 2019
2	Satyam College of Education, Noida	100	13 September, 2019

List of Organisations for Internship programme for B.Ed. Students

S. No.	Name of the Institute/College/Organisation	Total no. of Scholars/ Students	Date of the Internship
1	NIEPA	01	8 July - 16 August, 2019

List of Organisation/ Departments for Attachment Training Programme

S. No.	Name of the Organisation/Department/Course	Total no. of Participants	Date of the Visit
1	Attachment Training International Programme for Educational Administration (IPEA)	17	19 July, 2019
2	Attachment Training for Professional Development Course for SCERTs/STEs and DIETs Faculty	25	19-20 September, 2019
3	Orientation – cum- Refresher Course for the faculty of NCERT	15	26-27 September, 2019
2	Attachment training programme of PGDEPA Participants	23	27 September, 2019

Retirement

Sh. Sudhir Saxena
TVP Grade-II
31.07.2019
Retired from CIET

Smt. Anita Malhotra
TVP Grade-II
31.07.2019
Retired from CIET

Sh. Rajendra Kumar
Asstt. Engineer Grade-I
31.08.2019
Retired from CIET

Joining

Sr. No.	Name & Designation	Date	Remarks
1	Tilkash, LDC	16.08.2019	Posted at Establishment Section

Other Activities

Expert support to other institutions or universities is also provided by CIET. During this quarter, resource support was provided to GNDU Amritsar on 10 September, 2019 on ICT initiatives, development of e-content, and on ICT tools for teaching Sciences.

Foundation Day of NCERT was celebrated on 02 September, 2019 in the premise of NCERT. Stalls of various departments and subsets of NCERT were put up and a cultural programme was organised. The HRD Minister, GoI Dr. Ramesh Pokhriyal 'Nishank' graced the occasion and laid the foundation stone for the Auditorium of NCERT.

HRD Minister, GoI laying foundation stone for the auditorium of NCERT

Glimpse of Foundation Day celebration of NCERT

Swachhata Pledge was taken by the Director with faculty members and other staff members of NCERT on 16 September, 2019.

NISHTHA: National Initiative for School Heads' and Teachers' Holistic Advancement

NISHTHA is a capacity building programme for "Improving Quality of School Education through Integrated Teacher Training". It aims to build competencies among all the teachers and school principals at the elementary stage. The functionaries (at the state, district, block, cluster level) shall be trained in an integrated manner on learning outcomes, school based assessment, learner – centred pedagogy, new initiatives

Faculty and Staff members of NCERT participating in Swachhata Abhiyan

in education, addressing diverse needs of children through multiple pedagogies, etc. This will be organized by constituting National Resource Groups (NRGs) and State Resource Groups (SRGs) at the National and the State level who will be training 42 lakhs teachers subsequently. A robust portal/Management Information System (MIS) for delivery of the training, monitoring and support mechanism will also be infused with this capacity building initiative.

The main expected outcomes from NISHTHA are:

1. Improvement in learning outcomes of the students.
2. Creation of an enabling and enriching inclusive classroom environment.
3. Teachers become alert and responsive to the social, emotional and psychological needs of students as first level counselors.

Participants getting trained during NISHTHA Training Programme
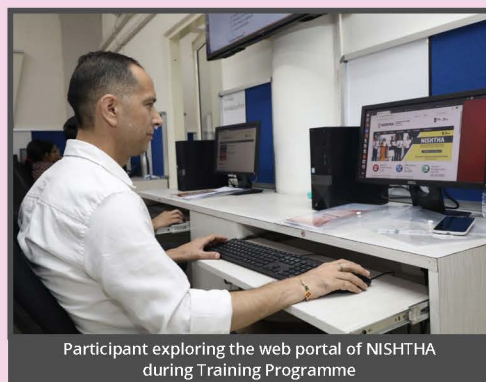
Participant exploring the web portal of NISHTHA during Training Programme

4. Teachers are trained to use Art as pedagogy leading to increased creativity and innovation among students.
5. Teachers are trained to develop and strengthen personal-social qualities of students for their holistic development.
6. Creation of healthy and safe school environment.
7. Integration of ICT in teaching learning and assessment.
8. Developing stress free School Based Assessment focused on development of learning competencies.
9. Teachers adopt Activity Based Learning and move away from rote learning to competency based learning.
10. Teachers and School heads become aware of new initiatives in school education.
11. Transformation of the Heads of Schools into providing academic and administrative leadership for the schools for fostering new initiatives.

A brief report on the coverage under NISHTHA programme in this quarter (till October, 2019) has been given in the following tables:

TABLE 1: DETAILS OF STATE-WISE TRAINING OF SRGS

S. No.	States	Phase Target (till October)	Phase Achieved
1	Andaman and Nicobar Islands	1	1
2	Andhra Pradesh	1	0
3	Arunachal Pradesh	1	0
4	Assam	2	3
5	Bihar	3	1
6	Chandigarh	1	0
7	Chhattisgarh	1	1
8	Dadra and Nagar Haveli	1	1
9	Daman and Diu	1	1
10	Delhi	1	1
11	Goa	1	1
12	Gujarat	2	2
13	Haryana	1	3
14	Himachal Pradesh	1	2

15	Jammu and Kashmir	1	0
16	Jharkhand	1	1
17	Karnataka	1	0
18	Kerala	0	0
19	Lakshadweep	1	1
20	Madhya Pradesh	2	0
21	Maharashtra	2	0
22	Manipur	1	1
23	Meghalaya	1	1
24	Mizoram	1	1
25	Nagaland	1	0
26	Odisha	2	0
27	Puducherry	1	1
28	Punjab	1	0
29	Rajasthan	2	3
30	Sikkim	1	1
31	Tamil Nadu	1	2
32	Telangana	1	0
33	Tripura	1	0
34	Uttar Pradesh	2	0
35	Uttarakhand	1	1
36	West Bengal	2	0
	Total states initiated SRG Training	21	

TABLE 2: DETAILS OF STATE-WISE TRAINING OF TEACHERS

S. No.	States	Groups
1	Andaman and Nicobar Islands	24
2	Bihar	16
3	Chandigarh	18
4	Goa	18
5	Lakshadweep	09
6	Manipur	12
7	Puducherry	06
8	Rajasthan	60

| 9 | Tamil Nadu | 85 |
| 10 | Total states initiated teacher | 09 |

TABLE 3: DETAILS OF SRGS/ TEACHERS/ HMS TRAINED

Category	Target	Achieved
SRPL	5,490	845
KRP	27,452	4,455
School Head/ HMs	3,58,127	7,140
Teachers	36,59,512	60,227

ePathshala	NROER	CIET	SWAYAM

SWAYAM PRABHA	ICT CURRICULUM	ITPD	PINDICS
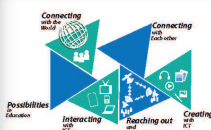
PARAKH   PINDICS   KISHORE MANCH   ePathshala   NAS   ePathshala Scanner   NISHTHA

विद्यया ऽमृतमश्नुते

Joint Director
Central Institute of Educational Technology
National Council of Educational Research & Training
Sri Aurobindo Marg, New Delhi-110016
Tel.:- 011-26962580 I Fax:- 011-26864141
e-mail:- jdciet.ncert@nic.in

एन सी ई आर टी
NCERT