CIET-NCERT
NEWSLETTER

Members of Institutional Advisory Board (IAB) deliberating on new proposals in the 35th Meeting of IAB held on 1st February, 2019 at CIET, New Delhi

CIET receives the best mobile app (Gold) for its e-pathshala app in Digital India awards by MeitY

ISSN - 2581-8325

Volume: 1
Issue: 1
January, 2019

The *Indian Journal of Educational Technology,* a bi-annual online journal on educational technology in English

For details, visit

ciet.nic.in/upload/IJET-Notes_For_Contributors.pdf

Inaugural issue of CIET's new biannual online journal in English, viz., Indian Journal of Educational Technology (ISSN 2581 8325) launched

From the Joint Director's Desk

Amarendra P. Behera
Joint Director, CIET

It gives me immense pleasure in writing the editorial page of CIET's newsletter for the first quarter of the year 2019. This was also the last quarter of the financial year 2018 -19. These were the intense times for CIET as projects of the FY 2018 -19 were wound up while new proposals for the FY 2019 - 20 were finalised and approved by Institute's Advisory Body (IAB), Academic Committee (AC) and Programme Advisory Committee (PAC). CIET not only completed all the projects on time as proposed but, also spent allotted budget for the same. This was also the time of immense pride and satisfaction for the entire family of CIET when e-pathshala, an app developed and maintained by CIET, NCERT, recieved recognition from the Government of India and won the Digital India Award 2019 under the Best Mobile App (Gold) category. The award was given by the Honorable Union Minister for Law and Justice, Electronics and IT, Dr Ravi Shankar Prasad in New Delhi on February 22, 2019.The app imitates a typical school in the virtual space by providing opportunities for "learning on the go". The app provides a variety of educational e-resources including digital textbooks, audios, videos, periodicals and other such digital resources. One can enter into this e-pathshala as a student or a teacher or a parent or an educator and access the curated e-resources free on their palm.

During the time of Board examinations, CIET in collaboration with the Department of Educational Psychology and Foundations of Education (DEPFE) - National Institute of Education (NIE), NCERT, New Delhi along with a few independent counsellors and teachers organised one hour of live discussions daily on Kishore Manch channel (a 24x7 Educational DTH TV channel under the SWAYAM PRABHA initiative of the Government of India) to help students face examinations squarely without being stressed about it. The live studio at CIET was flooded with questions from viewers and was widely appreciated by students, teachers and parents alike.

CIET continued the production of audio, video and other e-contents. In this regard an important initiative of producing audio books was taken up during this period. CIET is converting all the textbooks of NCERT into audio books. This will go a along way in helping children with special needs (CWSN) in navigating an important resource during the school life. NCERT has decided to energise its textbooks by providing appropriate digital resources in all its textbooks, which can be accessed by scanning quick response (QR) codes given in the new books. To facilitate accessing e-resources, a mobile app epathshala scanner has been developed. The works on mapping of these resources have been in full swing and we hope to complete it sooner than later. Two cycles of school MOOCs programs under SWAYAM initiative were successfully completed and preparations for the third cycle of MOOCs were accomplished.

I am also happy that CIET started its first journal, viz., Indian Journal of Educational Technology this year. We wish to make this a platform of debates and discussions among the peers on educational technology, ICT in education and learning, etc.

We extend our heartfelt thanks to all those who directly or indirectly provided resource support for successful completion of the tasks in hand. I hope CIET will continue to recieve the support from all its well wishers in future too. I take this opportunity to congratulate the editorial team of CIET newsletter for having brought all issues on time.

The current issue of CIET's Newsletter i.e. January-March, 2019 corresponds with the closing of the financial year therefore, a brief description of the activities taken up and status of all the programmes taken up by CIET has been given here.

List of Programmes completed during 2018-19

S. No.	PAC Code	Title of the Programme	Programme Coordinator(s)	Status
PAC PROGRAMMES				
Research				
1	12.01	A Study of Techno pedagogic analysis of selected media programs of Science at Secondary Level produced by CIET	Prof. Rajendra Pal	Study has been completed.
2	13.01	Analysis of Trends in ICT in Education	Dr. Indu Kumar	In all 240 abstracts have been collected, analysed and categorised and report is under preparation.
3	13.02	ICT Integration for Enhancing Learning of Secondary Level Students in Rajasthan	Dr. Ranjan K. Biswas	Report submitted.
4	13.03	A study of the Status of viewing Swayam Prabha DTH-TV Channel "Kishore Manch" among students of secondary, senior secondary level and teachers	Dr. Abhay Kumar	Report under preparation.
Development				
5	12.02	Development and launch of Online Certificate Course on Research Methodology in Education	Prof. Rajendra Pal	Course structures have been finalised and modules are under preparation. Broad outlines for video programs have also been designed.
6	13.04	Development of e-resources for the school and teacher education	Sh. Rajesh Kumar Nimesh	The focus of this project was on to develop interactive multimedia contents. Several workshops (n= 65) were held by different NIE departments and CIET for developing e-contents. 7 illustration-based stories on Hindi textbooks of Classes IV & V for video/multimedia production have been developed. 10 scripts in physics for class X were also prepared for developing animation programs on the identified topics. Besides, guidelines for e-content development were also developed and disseminated.
7	13.05	Development and roll out of ICT curriculum for teachers and teacher educators	Dr. Angel Rathnabai	ICT in Education curriculum for Teachers was adopted in Karnataka. Refresher course resources were translated in Kannada. Planning for extension to 12 other states in progress. Baseline data on ICT competency of 8000 teachers of Karnataka have been collected.
8	13.06	Publication of Bi-annual Indian Journal of Educational Technology	Dr. Abhay Kumar	The inaugural issue of the Journal has been uploaded (https://ciet.nic.in/journals/IJET_-Jan19/index.html#page=1).
9	13.07	Publication of CIET Newsletter	Dr. Abhay Kumar	Four quarterly issues of CIET Newsletter (March, June, September, December) were uploaded (https://ciet.nic.in/pages.php?id=newsletter&l-n=en).
10	13.07	Development and Dissemination of Educational Media Programmes	Prof. Rajendra Pal	This is the main project for developing all types of audio-video programs. All together 237 audio & 1397 video programs were developed. As part of instructional cycle, regular weekly preview meetings were held to get the feedback on newly produced programs. 50 Audio talking books were

				also developed during this period. Programmes were disseminated through telecast on Ch #31 Kishore Manch, Web portals (NROER, epathshala and SWAYAM), mobile app, through sales mechanism, various exhibitions, etc.
11	13.09	Development of Textbook in ICT at Secondary Stage (Class X)	Dr. Mohd. Mamur Ali	A textbook each on ICT for class IX and X were developed and integrated with QR codes. Syllabus of ICT for Class X has been finalised.
12	13.10	Development of model for ICT integrated school system – Phase II	Dr. Angel Rathnabai	Four phases of refresher course on ICT-pedagogy integration were conducted for DMS teachers. The course was conducted through online portal (LMS) https://itpd.ncert.org.in/ and the course platform and functionality was tested. Collaboration project between DMS, Mysore and Ohel School, Israel completed. This involved online discussion on culture of India and Israel. 40 FOSS tools are being integrated in chrome book for further usage. Workshop organised in collaboration with Google for ICT coordinators of RIE & DMS.
		Training		
13	12.03	Organization of Online Certificate Course on Action Research in Education	Prof. Rajendra Pal	Hindi version of all 4 modules have been developed and updated. 165 participants joined the course and evaluation completed.
14	13.11	Development of ICT integrated curricular activities for students	Dr. Angel Rathnabai	Course content for class 6 and 7 for ICT in Education course is completed. Course contents are being implemented for 13,000 students across 22 schools of Vivekananda Education Society in Tamil Nadu. Customisation of book was done by their school teachers. Student course content for year I and II is shared with Karnataka. Andhra Pradesh is implementing student curriculum based on the recommendations of NCERT with the support of Chrysalis.
15	13.12	Continuous Professional Development of NCERT Faculty Members on ICT in Education	Dr. Rajan K. Biswas	CIET-NCERT organised online sessions in the area of ICT in Education for the faculty from all the constituent units of NCERT. Eight sessions were conducted in the area of Collaborative Tools in Education, Working with You tube, Cyber Safety and Security, OER and FOSS by experts from the respective areas. Besides, it also organised a workshop with faculty members from NCERT and Mauritius.
16	13.13	Orientation of various stakeholders on cyber safety and security	Dr. Angel Rathnabai	Three booklets for students, teachers and schools developed & disseminated (https://ciet.nic.in/pages.php?id=booklet-on-cyber-safety-security&ln=en&ln=en). Safer Internet Day was celebrated on Feb 5th. Cyber Mela - a series of competitions are being conducted in collaboration with CPF.
		Extension		
17	13.14	Development of Resources and Support for Web and Online Activities	Prof. A.P. Behera	Updating and maintenance of 14 websites are being done on day-to-day basis. Following dynamic websites were designed: http://ncert.org.in/ncert/, epathshala.ncert.org.in, ictschools.ncert.gov.in, ictcurriculum.gov.in; https://ciet.nic.in, itpd.ncert.gov.in, pindics.ncert.gov.in, nroer.gov.in, ncert-books.ncert.gov.in, kalautsav.in, aeparc.org. OER portals for Mauritius (https://ssp.moemu.org), SCERT-Tripura (http://scerttripura.org), and OSRE (osre.ncert.gov.in) have also been developed.

18	13.15	Development of Resource-cum Activity Centre in ET and ICT in Education	Dr. Abhay Kumar	Summer Camp for Children in Digital Learning and Multimedia was organised from 04 – 15 June, 2018. 73 participants from Class V-X attended. It was aimed to inculcate the basic ICT skills for creating digital resources.
19	13.16	Automation and augmentation of CIET Library	Head, PRD	"Workshop on Plagiarism, Mendeley Reference Tool and Koha" organised on 13th Aug, 2018, for the faculty members and other staff of NCERT and CIET. Plan is underway to modernise CIET book library along with that of the media library.
20	13.17	Resource support for Attachment Training, Visitors of Local Schools and Teacher Education Institutions	Head, PRD	1200 students/teachers from 35 TEIs visited CIET for internships/exposure as part of (B.Ed., M.Ed, D.El.Ed., etc. programs) in the areas of ICT as part of Program
21	12.07	Online Survey of Research in Education	Prof. Rajendra Pal	More than 100 abstracts have been added by the various researchers. Preparation of Research abstracts from the ERIC reports are in progress.
		STATE FUNDED		
		Research		
22	13.18	Third Party Evaluation of Implementation of ICTs@ School Scheme in NCT of Delhi	Dr. Indu Kumar	Data collected in two phases, online and physical survey for which, PARAKH mobile app was used. In the 1st phase; online data from 603 schools out of 1228 schools were received through Mobile App (PARAKH). In the 2nd phase data were collected from 256 schools. Draft report has been shared with the Directorate of School education, Government of Delhi.
		MHRD HIGHER EDUCTION FUNDED		
		Development		
23	13.19	Development of course materials for MOOCs on SWAYAM (For Classes 9-12th , UG & PG courses in Education, Skill Development Courses	Dr. Mohd. Mamur Ali	242 Text modules,132 videos and assessment items/question papers for 11 MOOCs were developed. 80 Modules of Physics courses were updated during this period. Two cycles were completed in this year:- Cycle 1: 34,727 learners were enrolled in 23 courses Cycle 2 : 2733 learners are enrolled in 14 courses It included twenty (20) courses for Class XI and XII, one course for M.Ed./M.A. (Education) and two courses for teachers (Urdu and Action research).
		FOR PAB PRGRAMMES FUNDED MY MHRD (SCHOOL EDUCATION AND Literacy)		
		Development		
24	13.20	Development and Maintenance of Mobile Apps and Digital Platforms (epathshala and NROER)	Prof. A.P. Behera	epathshala awarded Best App (Gold) in Digital India Awards by MeITy. QR codes for 321 textbooks created. Resource mapping in progress. - Visitors: 4,19,05,060 in e-Pathshala portal and 19,80,000 app downloads from Google Play Store 54,710 from Window's Store and 1,00,286 from Apple Store. - epathshala on UMANG - 35,96,322 till 24 March 2019 - NROER- e-resources: 13, 780 (CC-BY-SA, CC-BY-NC-ND) with 13,558 Registered users
25	13.21	Professional Development of Teachers and Teacher Educators through Blended Mode (Satellite Network and Face to Face Mode)	Prof. A.P. Behera	A dialogue with ISRO is in process to provide a dedicated satellite network for Capacity Building of large number of teachers of our country. It is planned to have a teaching end and 40 satellite interactive terminals as learning end. The capacity building through blended and distance mode will be started once the ISRO provides the network to NCERT.

26	13.22	Organisation of Festival, ICT Mela, Contests of digital contents and coordination with States/ UTs.	Dr. Abhay Kumar	The 23rd All India Children's Educational Audio Video Festival was held from 27 to 29 November, 2018 at CIET, NCERT, New Delhi. All together 200 entries were received and nearly 40 awards were given. The festival had more than 300 participants and 1000 visitors.
27	13.23	Organisation of National ICT Award for School Teachers 2017 and Jury Meeting for the year 2018	Prof. A.P. Behera	For 2017, in all 103 nominations from 24 States/UTs/Autonomous bodies were received. A jury meeting was held in April, 2018 in which 43 Teachers were selected by Jury for National ICT award for 2017. A 2-minutes video of each awardee has been recorded reflecting a brief introduction about each awardee and their life. Workshop with Awardees have been conducted to orient them on ICT in Education Initiatives
28	13.24	Development and dissemination of ETV Programmes through DTH – TV Network for School Education	Prof. A.P. Behera	ISRO is very soon going to provide the transponder to start 16 more DTH-TV channels from States/UTs. About 18 States/UTs have expressed their interest to start a TV channel for their respective states in collaboration with BISAG, ISRO and NCERT.
29		SWAYAM Prabha DTH Channel (Funded by MHRD through IIT Madras)	Dr. Abhay Kumar	Four hours of fresh contents were provided daily from April to August, 2018 (131 days). Live Discussions on educational topics were shown daily for 30 minutes (310 days, 155 Hours) (till 25 March, 2019). CIET increased the slot of fresh contents from 4 hours to six hours daily from September onwards. A special program on "Guidance for Students: Exam helpline" was shown on the channel # 31 w.e.f. 20 Feb 2019 till 29th March, 2019. This was widely appreciated. The program was organised in collaboration with DEPFE and professional counsellors.

REPORT ON
IAB, AC & PAC

NCERT has a robust and rigorous mechanism for scrutinising and finalising academic proposals. In CIET, it began with the several rounds of brainstorming meetings of the faculty members for deciding the new proposals for the financial year 2019-20 as given in the Table:Programme Proposals at a Glance (2019-20). These proposals were discussed formally in the Institute's Advisory Board (IAB) meeting held on 1st February, 2019 at CIET, NCERT, New Delhi. The meeting was Chaired by Prof. Amarendra P. Behera, Joint Director, CIET and attended by Shri Virender Kumar, Director DECU, Ahmedabad; Prof. Bharti Baveja, AUD, New Delhi and Shri Aburaj B., Director SIET, Kerala besides by the internal

members of CIET and other departments of National Institute of Education (NIE), NCERT, New Delhi. Based on the inputs and advice in the IAB meeting, these proposals were further modified and placed in the Academic Committee (AC) for consideration. The AC met on 19-21 February, 2019 in the Conference Room of Zakir Hussain Block, NCERT, New Delhi under the chairmanship of Prof. A.K. Srivastava, Dean (Academic & Research), NCERT under the overall guidance of Prof. H.K. Senapaty, Director, NCERT in the presence of external members such as Prof. M.A. Sudhir, Professor Emeritus (UGC), Gandhigram Rural Institute, Dindigul, Tamil Nadu; Prof. G. Ravindra, Ex-Joint Director, NCERT, New Delhi; Prof. Ajit K. Mohanty, Bhubaneswar, Odisha; Prof. M.A. Siddiqui, Former Chairperson (NCTE), Faculty of Education, Jamia Millia Islamia, New Delhi; Prof. Venita Kaul, Munirka Enclave, New Delhi and other internal members of NIE, CIET and Pandit Sundarlal Sharma Central Institute of Vocational Education (PSSCIVE), Bhopal. Each proposal was discussed in details by the AC. Based on the recommendations/observations on the programme proposals, the faculty members of CIET again revised the proposals which were placed for the approval before Program Advisory Committee (PAC) of NCERT where in other proposals from all constituent units of NCERT were also discussed threadbare and final decisions were taken. PAC meeting was held from 26-28 March 2019 at NCERT, New Delhi. Prof. H. K. Senapaty, Director, NCERT Chaired the meeting which was attended by external members, viz., Dr. R. Prabhakara Raya Professor, Department of Management Studies Pondicherry University, Puducherry; Dr. Suresh Tandon, Former Vice-Chairman, Punjab School Education Board, Vidya Bhawan, Phase 8, SAS Nagar, Mohali; Prof. Mahesh Chand Sharma, School of Education, IGNOU, New Delhi; Sh. Bajaj, Dy. Director SCERT, Haryana and other internal members of NCERT. Based on the discussions in the meeting, the following proposals of CIET were approved for the financial year, 2019-20.The new programme proposals approved for the current financial year i.e. 2019-20 have been listed below.

List of Programme as approved by PAC (2019-20)

PAC Code	Title of the Programme	Type of Programmes	Category	Programme Coordinator(s)
13.01	Need based ICT Interventions in elementary schools in Six blocks in India	Research	New	Dr. Abhay Kumar
13.02	Development of ICT courses for Pre-service Teacher Education curriculum	Development	New	Dr. Mohd. Mamur Ali
13.03	Development and Dissemination of Educational Media Programmes	Development	New	Dr. Rajendra Pal
13.04	Development and launch of Online Certificate Course on Research Methodology in Education	Development	On-going	Dr. Mohd. Mamur Ali
13.05	Development of e-resources for the School and Teacher Education	Development	New	Shri Rajesh Kumar Nimesh
13.06	Development and implementation of SAMADHAN (One Stop Technology solution to School)	Development	New	Dr. Mamur Ali
13.07	Development and rollout of ICT curricula for ICT in Education in States/UTs	Development	On-going	Dr. Angel Rathnabai

13.08	Organization of Online Certificate Course on Action Research in Education	Training	New	Dr. Rajendra Pal
13.09	Continuous Professional Development of NCERT Faculty on ICT in Education	Training	New	Dr. Mohd. Mamur Ali
13.10	Development of model for ICT integrated school system	Training	On-going	Dr. Angel RathnaBai
13.11	Online Publication of Indian Journal of Educational Technology and Newsletter	Extension	New	Dr. Abhay Kumar
13.12	Resource-cum-Activity Centre in ET/ICT for School and Teacher Education	Extension	New	Dr. Abhay Kumar
13.13	Development of Resources and Support for Web and Online Activities	Extension	On-going	Dr. Mohd. Mamur Ali
13.14	National Conference on ICT Education	Extension	New	Dr. Angel RathnaBai
DHE-MHRD FUNDED				
13.15	Development of course materials for MOOCs on SWAYAM (School MOOCs for Classes 9th – 12th and MOOCs for Teacher Education)	Development	On-going	Dr. Mohd. Mamur Ali
PAB/DSE&L, MHRD-GOI FUNDED				
13.16	Development and Maintenance of Mobile Apps and Digital Platforms (ePathshala and NROER)	Development	On-going	Dr. Indu Kumar
13.17	National ICT Award for School Teachers	Extension	On-going	Prof. A. P. Behera
13.18	Organization of Festival, ICT Mela, contests of digital contents and coordination with States/ UTs.	Extension	On-going	Dr. Abhay Kumar
13.19	Professional Development of Teachers and Teacher Educators through Blended Mode (Satellite network and Face to Face Mode)	Extension	On-going	Dr. A.P. Behera
13.20	Development and dissemination of ETV Programmes through DTH – TV Network for Schools	Extension	On-going	Dr. Abhay Kumar

The first issue i.e. the January, 2019 issue of CIET's journal, Indian Journal of Educational Technology (IJET) with ISSN 2581-8325 was published online on CIET's website in this quarter. The journal is an online open access journal, published bi-annually in English. It is a peer-reviewed journal where, a double-blind process of reviewing is followed. The details of it can be accessed through **https://ciet.nic.in/journals/IJET_Jan19/index.html#page=1**

LIVE DISCUSSION
ON SWAYAM PRABHA CHANNEL # 31

CIET-NCERT has a daily schedule of going live on SWAYAM PRABHA channel # 31 (Kishore Manch) where, discussions on various topics of different subjects by involving educational experts are done. The schedule for January-March, 2019 has been given below:

MONDAY (DESS)	TUESDAY (DEGSN, DEAA, DEPFE, DGS, DCS, CIET)	WEDNESDAY (DEL, DCS, DEE)	THURSDAY (DTE, DEE, YOGA / PHY. EDU. PMD, IRD, RMSA, ESD, LDD, PD)	FRIDAY (DESM, ICT, SCIENCE WORKSHOP / KIT)
	1 Jan	**2 Jan**	**3 Jan**	**4 Jan**
	Dept: DEGSN **Subject:** Special Education **Topic:** Curriculum Adaptation in Inclusive Classrooms **Expert:** Prof. Anita Julka	**Dept:** DEL **Subject:** Sanskrit **Topic:** Sanskrit Pathan Evam Pathya Samgri **Expert:** Prof. K.C Tripathi	**Dept:** DTE **Subject:** Teacher Education **Topic:** Performance indicators for elementary school teachers **Expert:** Dr. J.K Patidar	**Dept:** DESM **Subject:** Biology **Topic:** Principle of Inheritance **Expert:** Prof. Dinesh Kumar
7 Jan	**8 Jan**	**9 Jan**	**10 Jan**	**11 Jan**
Dept: DESS **Subject:** Geography **Topic:** Tactile Map Book for Upper Primary Stage **Expert:** Prof. Aparna Pandey	**Dept:** CIET **Subject:** ICT **Topic:** Social & Legal aspect of using ICT **Expert:** Dr. Angel Rathnabai	**Dept:** DEL **Subject:** Urdu **Topic:** Urdu qawaid ki tadrees **Expert:** Prof. Mohd. Faruq Ansari	**Dept:** DEE **Subject:** Teacher Education **Topic:** Multigrade Teaching at Primary School **Expert:** Prof. Sandhya Sangai	**Dept:** DESM **Subject:** Chemistry **Topic:** Acid, Base and Salt for Secondary Stage **Expert:** Dr. Pramila Tanwar
14 Jan	**15 Jan**	**16 Jan**	**17 Jan**	**18 Jan**
Dept: DESS **Subject:** History **Topic:** Locating Women in the Freedom Struggle of India **Expert:** Gauri Srivastava and Ms. Bharti Pandey	**Dept:** DEAA **Subject:** **Topic:** Role of museum in school education **Expert:** Prof. Jyotsna Tiwari and Ms. Komal Pandey	**Dept:** DEL **Subject:** English **Topic:** Writing: The Process Approach **Expert:** Prof. Sandhya Sahoo	**Dept:** ESD **Subject:** Research **Topic:** Data Analysis using R: A statistical programming language **Expert:** Dr. Gulfam	**Dept:** DESM **Subject:** Biology **Topic:** Biodiversity **Expert:** Dr. C.V Shimray
21 Jan	**22 Jan**	**23 Jan**	**24 Jan**	**25 Jan**
Dept: DESS **Subject:** Adolescent Education **Topic:** Drug Abuse Among Adolescents **Expert:** Prof. Saroj Yadav and Shri. Harish Meena	**Dept:** DGS **Subject:** Gender Studies **Topic:** Gender Concerns in Teaching Learning Material **Expert:** Prof. Mona Yadav & Dr. Indu Kumar	**Dept:** DEL **Subject:** Hindi **Topic:** Kavita Sikshan- Benaras kavita ke sandarbh meh **Expert:** Prof. Lalchand Ram	**Dept:** RMSA Cell **Subject:** Teacher Education **Topic:** Teaching of history at secondary level **Expert:** Dr. Sharad Kumar Pandey	**Dept:** DESM **Subject:** Biology **Topic:** Air Pollution in a Multi-Disciplinary Perspective **Expert:** Dr. C.V Shimray
28 Jan	**29 Jan**	**30 Jan**	**31 Jan**	**1 Feb**
Dept: DESS **Subject:** Economics **Topic:** Ethics in Business **Expert:** Prof. Shipra Vaidya & Dr. Seema Srivastava	**Dept:** DEPFE **Subject:** Psychology **Topic:** Getting Ready for the Exams **Expert:** Dr. Shraddha Dhiwal & Dr. Sushmita Chakraborty	**Dept:** DEL **Subject:** Urdu **Topic:** Qasida **Expert:** Prof. Mohd. Moazzammuddin	**Dept:** PD **Subject:** Textbook Designing **Topic:** The Wonderful World of Textbooks-2 **Expert:** Mr. Gautam Ganguly & Bhoopendra	**Dept:** DESM **Subject:** Mathematics **Topic:** Quadrilaterals **Expert:** Prof. A.K. Wazalwar

MONDAY (DESS)	TUESDAY (DEGSN, DEAA, DEPFE, DGS, DCS, CIET)	WEDNESDAY (DEL, DCS, DEE)	THURSDAY (DTE, DEE, YOGA / PHY. EDU. PMD, IRD, RMSA, ESD, LDD, PD)	FRIDAY (DESM, ICT, SCIENCE WORKSHOP / KIT)
4 Feb	**5 Feb**	**6 Feb**	**7 Feb**	**8 Feb**
Dept: DESS **Subject:** Finance **Topic:** Financial Accounting **Expert:** Prof.Shipra Vaidya and CA (Dr.) G.S. Grewal	**Dept:** CIET **Subject:** ICT **Topic:** Let's be safe online **Expert:** Prof. Amarendra Behera, Janice Verghese and Dr. Mamur Ali	**Dept:** DEL **Subject:** Sanskrit **Topic:** संस्कृत भाषा का उच्चारण – 2 **Expert:** Prof. Jatindra Mohan Mishra	**Dept:** DTE **Subject:** Teacher Education **Topic:** Team Building: an approach to improving performance **Expert:** Prof. Madhulika Patel	**Dept:** DESM **Subject:** ICT **Topic:** Problem Solving Using Computers **Expert:** Dr. Rejaul Karim Barbhuiya
11 Feb	**12 Feb**	**13 Feb**	**14 Feb**	**15 Feb**
Dept: DESS **Subject:** Economics **Topic:** Analysis of Economics Answer Sheet **Expert:** Dr. Jaya singh	**Dept:** DEAA **Subject:** Music **Topic:** Sangeet ke sang, basant ke rang **Expert:** Dr. Sharbari Banerjee	**Dept:** DEL **Subject:** Hindi **Topic:** Krishna Sobti ke miya Nashiruddin **Expert:** Prof. Sandhya Singh	**Dept:** DEE **Subject:** Early Childhood Education **Topic:** Designing interest areas at model pre-school **Expert:** Dr. Romila Soni	**Dept:** DESM **Subject:** Biology **Topic:** Tissues for Class 9th **Expert:** Prof. Sunita Farkya and Dr. Pushp Lata Verma
18 Feb	**19 Feb**	**20 Feb**	**21 Feb**	**22 Feb**
Dept: DESS **Subject:** Economics **Topic:** Relevance of Mathematics in Economics **Expert:** Dr. M.V. Sirinivasan, Ms. Ashita Raveendran, Aruna Midha (PGT Economics)	**Dept:** LDD **Subject:** Library Science **Topic:** Collection Development in School Library **Expert:** Dr. Moortimati Samantaray	**Dept:** DEE **Subject:** Elementary Education **Topic:** Guidelines for Continuous and Comprehensive Evaluation **Expert:** Dr. Kavita Sharma	**Dept:** DEL **Subject:** English **Topic:** Face to face with the English Exam **Expert:** Dr. Ramanujam Meganathan	**Dept:** DESM **Subject:** Physics **Topic:** Work and Energy **Expert:** Dr. Gagan Gupta
25 Feb	**26 Feb**	**27 Feb**	**28 Feb**	**1 Mar**
Dept: DESS **Subject:** Political Science **Topic:** Bharat mein Daliya Pranali **Expert:** Prof. Shankar Sharan & Prof. Swadesh Singh (DU)	**Dept:** Minority Cell **Topic:** Education of Minorities - Policies, Programmes and Schemes **Expert:** Prof. Mohd. Faruq Ansari, Prof. S.C. Chauhan	**Dept:** DEL **Subject:** Urdu **Topic:** उर्दू की ग़ैर अफ़सानवी नस्र **Expert:** Prof. Mohd. Faruq Ansari	**Dept:** CIET **Subject:** Art Education **Topic:** Use of Puppetry in Teaching **Expert:** Pramod Kumar Sharma & Dr. Alka Singh	**Dept:** DESM **Subject:** Physics **Topic:** Light: Solving Numerical Problems **Expert:** Prof. Shashi Prabha
4 Mar	**5 Mar**	**6 Mar**	**7 Mar**	**8 Mar**
Holiday	**Dept:** NIEPA **Subject:** School Leadership **Topic:** Leadership in Schools: What, Why & How **Expert:** Dr. Kashyapi Awasthi	**Dept:** DEL **Subject:** Hindi **Topic:** Padhne ki samajh ka sankat aur samadhan **Expert:** Prof. Sanjay Kumar Suman	**Dept:** DEK **Subject:** Science & Mathematics **Topic:** Educational Kits: Science & Mathematics **Expert:** Prof. A.K. Wazalwar & Dr. Ashish Kumar Srivastava	**Dept:** DESM **Subject:** Chemistry **Topic:** Chemical Reaction - II **Expert:** Prof. Anjni Koul

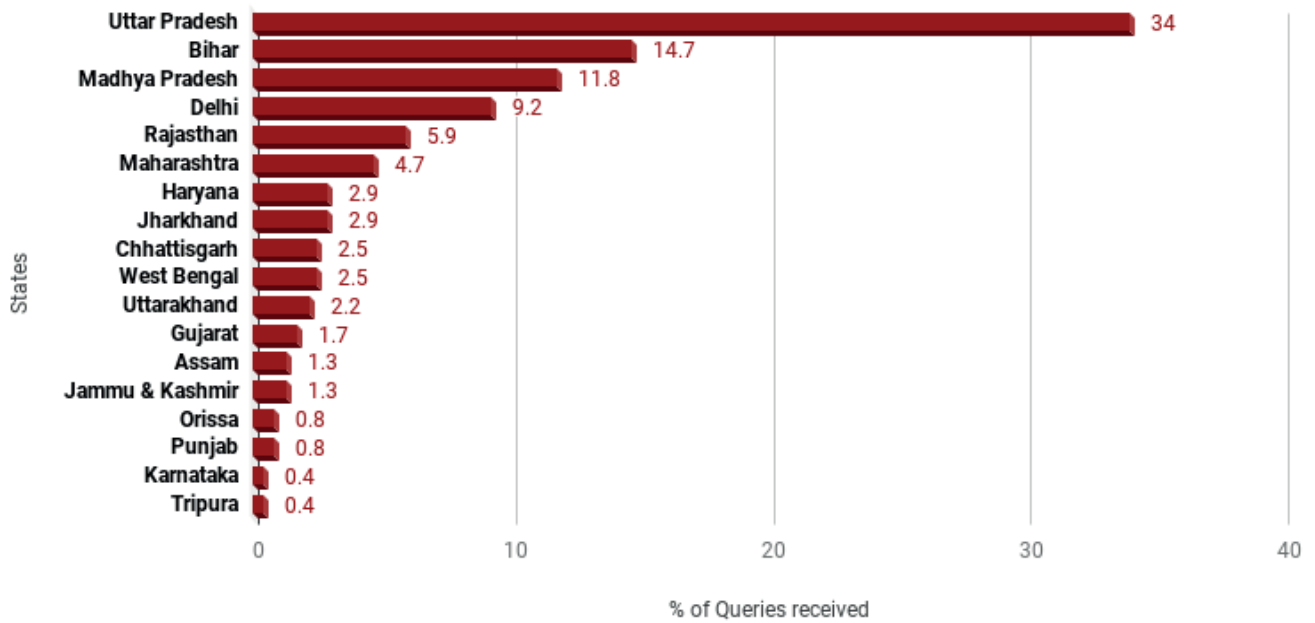| MONDAY (DESS)	TUESDAY (DEGSN, DEAA, DEPFE, DGS, DCS, CIET)	WEDNESDAY (DEL, DCS, DEE)	THURSDAY (DTE, DEE, YOGA / PHY. EDU. PMD, IRD, RMSA, ESD, LDD, PD)	FRIDAY (DESM, ICT, SCIENCE WORKSHOP / KIT)
11 Mar	**12 Mar**	**13 Mar**	**14 Mar**	**15 Mar**
Dept: DESS **Subject:** Ancient History **Topic:** प्राचीन भारत के बारे में विदेशी लेखकों के विवरण **Expert:** Dr. Seema S. Ojha	**Dept:** DEGSN **Subject:** Inclusive Education **Topic:** Promoting Inclusive Education **Expert:** Prof. Anupam Ahuja	**Dept:** DCS **Subject:** Curriculum Studies **Topic:** NCF: Sharing of Key Ideas **Expert:** Dr. Anita Nuna	**Dept:** IRD **Subject:** History **Topic:** The History of Partition **Expert:** Prof. Pratyusa Kumar Mandal	**Dept:** DESM **Subject:** Physics **Topic:** Graphical Representation of Motion **Expert:** Prof. Rachna Garg
18 Mar	**19 Mar**	**20 Mar**	**21 Mar**	**22 Mar**
Dept: DESS **Subject:** Economics **Topic:** Leadership Style **Expert:** Prof. Shipra Vaidya	**Dept:** CIET **Subject:** Urdu **Topic:** Urdu Textbooks Translation **Expert:** Prof. Faruq Ansari	**Dept:** DEL **Subject:** Hindi **Topic:** Bhashao ki sehyatra aur hindi sikshan **Expert:** Dr. Pramod Kr. Dubey	Holiday 'HOLI'	**Dept:** DESM **Subject:** Physics **Topic:** Work,Energy & Sound – Part 1 **Expert:** Dr. Gagan Gupta
25 Mar	**26 Mar**	**27 Mar**	**28 Mar**	**29 Mar**
Dept: DESS **Subject:** Geography **Topic:** Geography Kit **Expert:** Prof. Aparna Pandey	**Dept:** DEPFE **Subject:** Career Guidance **Topic:** Career Planning **Expert:** Dr. Sushmita Chakroborty & Shraddha Dhiwal	**Dept:** DEL **Subject:** Urdu **Topic:** Urdu Tadrees Kit - Ibtedai str ke liye **Expert:** Dr. Chaman Ara Khan	**Dept:** DTE **Subject:** Teacher Education **Topic:** Internship in 'Diploma in Elementary Education' (D.El.Ed): What & How? **Expert:** Jitendra Patidar	**Dept:** DESM **Subject:** Biology **Topic:** Tissue - 2 **Expert:** Prof. Sunita Farkya

EXAM HELPLINE

Guidance for Students on Kishore Manch

In order to help students, parents and teachers during examinations, especially for students appearing in Board examinations, CIET, NCERT decided to initiate a a series of live interactive programs on its SWAYAM Prabha's channel # 31 also known as 'Kishore Manch'. This series was titled as 'Guidance for Students: Exam Helpline'. It began on 20 February 2019 and concluded on 3rd April 2019 with the purpose to resolve the issues, problems and challenges of students and other stakeholders related to examinations. Besides, streaming live on DTH-TV Channel, the programmes were simulcast on NCERT Official Youtube Live streaming. The live telecast meant that it were not limited to students only but extended to teachers, parents and general audience as well. The program was conducted in collaboration with Department of Educational Psychology and Foundations of Education (DEPFE), NCERT. In this series, which lasted for 29 days,
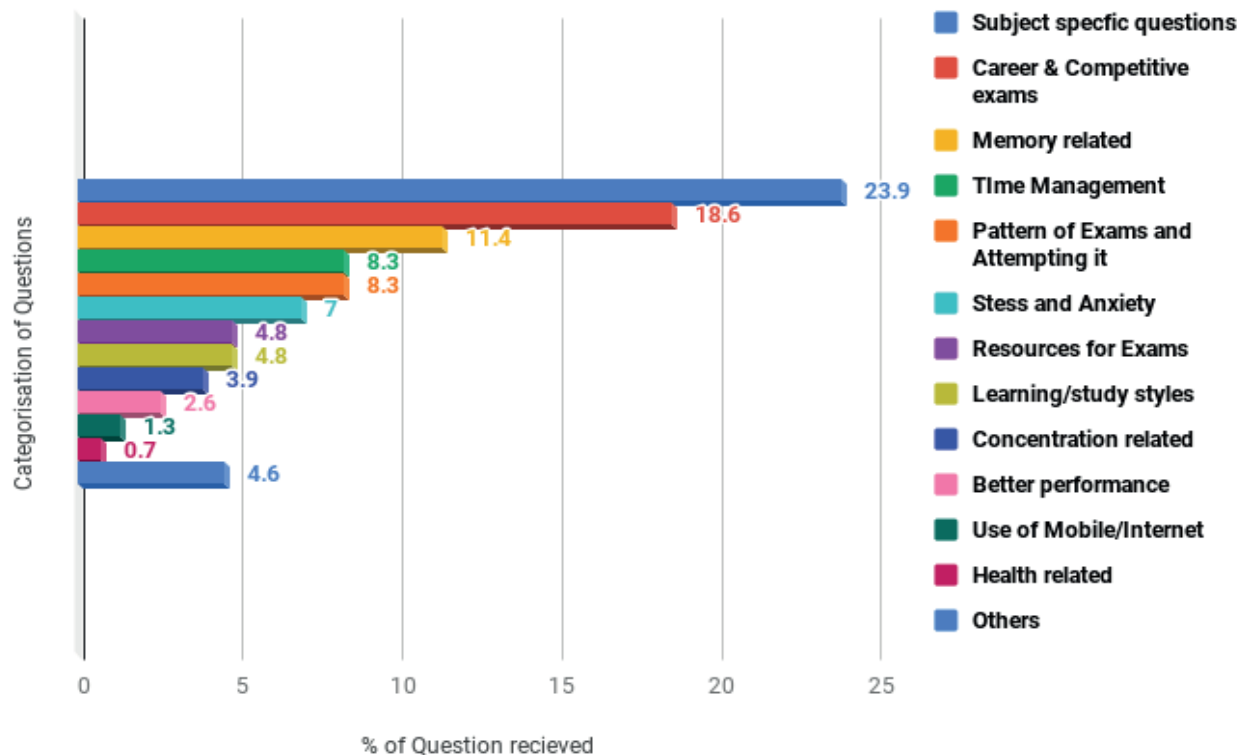
5 faculty members of DEPFE and 23 school counsellors and CIET faculty members provided their expertise during the Live Exam helpline programme. These counsellors were from different schools and NGOs located in Delhi-NCR. The objectives of the programme were as follows: i) to provide guidance for students, parents, and teachers on various issues, worries, and challenges related to examinations. ii) to provide a platform for connecting counsellors with the students. iii) to help the students to face the examinations in a positive manner iv) to discuss various techniques to cope up with exam stress and anxiety and v) to discuss the smart ways to study such learning styles, concentration techniques etc. Overall, 424 queries were received from students, teachers and parents through synchronous as well as asynchronous ways. It was interesting to observe that more than half of the queries (51.41%) were asked by the viewers who connected with exam helpline live interaction through television. On the other hand, 41.03% viewers asked queries through Youtube comments during the live streaming. In addition, 7.54% of the issues of students, parents and teachers were received through Email. Students, teachers and parents from 17 states and 1 UT participated in the exam helpline to resolve their queries. The top states from where most of the queries were received and responded were Uttar pradesh (34%), Bihar (14.7%) and Madhya Pradesh (11.8 %). During the programme, participants from North-eastern states such as Assam (1.3%) and Tripura (0.4%) also asked questions. Similarly, other states such as Rajasthan, Maharashtra, Haryana, Jharkhand, Chhatisgarh, West Bengal, Uttarakhand, Gujarat, Jammu & Kashmir, Orissa, Punjab, Karnataka and UT of Delhi entered their presence during the 29 days long Live interaction on Examinations. It is to be noted that students from Nepal also asked queries during the programme. It indicated that the SWAYAM Prabha channel and its live telecast is being watched across the country. Most of the queries received (23.9%) were related to different subjects such as Maths, Science, Social Science, Languages etc. Secondly, 18.6% students, teachers and parents asked about their career path and various competitive exams such as UPSC, NEET. NET, GATE, IIT etc. Further, 11.4% of students faced issues related to remembering whatever learnt and memorising them for examinations. Moreover, 8.3% of viewers inquired about managing time, study routines and similar time saving study methods. The same number of viewers sought to know the pattern of exam and dealing with questions during examinations. About 7% students, teachers and parents felt stress and anxiety regarding exams, while 4.8 % each were worried about study resources and learning styles. Besides, 2.6 % of students wanted to perform better in their examinations. Only, 0.7 % viewers raised the challenges of using internet and mobile phones during the examinations.

State-wise distribution of Queries received

States

State	% of Queries received
Uttar Pradesh	34
Bihar	14.7
Madhya Pradesh	11.8
Delhi	9.2
Rajasthan	5.9
Maharashtra	4.7
Haryana	2.9
Jharkhand	2.9
Chhattisgarh	2.5
West Bengal	2.5
Uttarakhand	2.2
Gujarat	1.7
Assam	1.3
Jammu & Kashmir	1.3
Orissa	0.8
Punjab	0.8
Karnataka	0.4
Tripura	0.4

% of Queries received

Categorisation of Questions

Categorisation of Questions

Category	% of Question recieved
Subject specfic questions	23.9
Career & Competitive exams	18.6
Memory related	11.4
Time Management	8.3
Pattern of Exams and Attempting it	8.3
Stess and Anxiety	7
Resources for Exams	4.8
Learning/study styles	4.8
Concentration related	3.9
Better performance	2.6
Use of Mobile/Internet	1.3
Health related	0.7
Others	4.6

% of Question recieved

Audio-Video & Multimedia Production

SCRIPTING

Script writing is a step which needs to be followed before an audio or video program. It is a written proforma of idea behind any program. 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 program 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 January-March, 2019.

Scripts put up in script committee meeting during January-March, 2019

S. No.	Title of the Script	Subject	Medium	Department	Media Type	Date of Meeting	Target Audience	Status
1	इन्हे पनपनें दो	ECCE	हिंदी	प्रारंभिक शिक्षा विभाग	वीडियो	08/02/2019	अध्यापक एवं अभिभावक	सुधार हेतु प्रेषित
2	खेल–खेल में	ECCE	हिंदी	प्रारंभिक शिक्षा विभाग	वीडियो	08/02/2019	अध्यापक एवं अभिभावक	सुधार हेतु प्रेषित
3	सोनू की उलझन	ECCE	हिंदी	प्रारंभिक शिक्षा विभाग	वीडियो	08/02/2019	अध्यापक एवं अभिभावक	सुधार हेतु प्रेषित
4	Let them Blossom	ECCE	English	प्रारंभिक शिक्षा विभाग	वीडियो	08/02/2019	अध्यापक एवं अभिभावक	सुधार हेतु प्रेषित
5	Learning through Play	ECCE	English	प्रारंभिक शिक्षा विभाग	वीडियो	08/02/2019	अध्यापक एवं अभिभावक	सुधार हेतु प्रेषित
6	Sonu & his Confusion	ECCE	English	प्रारंभिक शिक्षा विभाग	वीडियो	08/02/2019	अध्यापक एवं अभिभावक	सुधार हेतु प्रेषित
7	आँगनवाड़ी चलो अभियान–राजस्थान	ECCE	हिंदी	प्रारंभिक शिक्षा विभाग	वीडियो	08/02/2019	अध्यापक एवं अभिभावक	सुधार हेतु प्रेषित
8	पूर्व प्राथमिक कक्षा का स्वरूप	ECCE	हिंदी	प्रारंभिक शिक्षा विभाग	वीडियो	08/02/2019	अध्यापक एवं अभिभावक	सुधार हेतु प्रेषित
9	पूर्व प्राथमिक कक्षा में पाठयक्रम का प्रारूप	ECCE	हिंदी	प्रारंभिक शिक्षा विभाग	वीडियो	08/02/2019	अध्यापक एवं अभिभावक	सुधार हेतु प्रेषित
10	पूर्व प्राथमिक स्तर पर बच्चों के शैक्षिक एवं व्यावहारिक मुद्दे	ECCE	हिंदी	प्रारंभिक शिक्षा विभाग	वीडियो	08/02/2019	अध्यापक एवं अभिभावक	सुधार हेतु प्रेषित
11	शिशु आलो (पश्चिम बंगाल के आँगनवाड़ी पर केंद्रित कार्यक्रम	ECCE	हिंदी	प्रारंभिक शिक्षा विभाग	वीडियो	08/02/2019	अध्यापक एवं अभिभावक	सुधार हेतु प्रेषित
12	Cyber Safety Jingle 1 Internet	Cyber Safety & Security	Hindi	CIET-NCERT	Audio	08/02/2019	Upper Primary, Secondary & Sr. Secondary	Accepted
13	Cyber Safety Jingle 2 Internet	Cyber Safety & Security	Hindi	CIET-NCERT	Audio	08/02/2019	Upper Primary, Secondary & Sr. Secondary	Accepted

14	Cyber Safety Jingle 3 Internet	Cyber Safety & Security	Hindi	CIET-NCERT	Audio	08/02/2019	Upper Primary, Secondary & Sr. Secondary	Accepted
15	Cyber Safety Jingle 4 Internet	Cyber Safety & Security	Hindi	CIET-NCERT	Audio	08/02/2019	Upper Primary, Secondary & Sr. Secondary	Accepted
16	Cyber Safety Jingle 5 Internet	Cyber Safety & Security	Hindi	CIET-NCERT	Audio	08/02/2019	Upper Primary, Secondary & Sr. Secondary	Accepted
17	Experiment 1: Compound Microscope	Biology Experiments	English	DESM	Video	18/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
18	Experiment 2.1: Fungi, Lichen	Biology Experiments	English	DESM	Video	18/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
19	Experiement 2.2: Bacteria, Oscillatoria, Spirogyra	Biology Experiments	English	DESM	Video	18/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
20	Experiement 2.3: Bryphyta, Pteridophyta	Biology Experiments	English	DESM	Video	18/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
21	Experiment 4: Plant Cells and Tissues	Biology Experiments	English	DESM	Video	18/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
22	Experiment 5: Animal Tissues	Biology Experiments	English	DESM	Video	18/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
23	Experiment 6: Mitosos	Biology Experiments	English	DESM	Video	18/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
24	Experiment 7: Root Modifications	Biology Experiments	English	DESM	Video	18/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
25	Experiment 8: Stem Modifications	Biology Experiments	English	DESM	Video	18/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
26	Experiment 9: Leaf Modifications	Biology Experiments	English	DESM	Video	18/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
27	Experiment 12: Monocot and dicot root stem	Biology Experiments	English	DESM	Video	18/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)

28	Experiment 15: Potato Osmometer	Biology Experiments	English	DESM	Video	18/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
29	Experiment 16: Plasmolysis	Biology Experiments	English	DESM	Video	18/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
30	Experiment17: Imbibition	Biology Experiments	English	DESM	Video	18/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
31	Experiment 19: Transpiration	Biology Experiments	English	DESM	Video	18/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
32	Experiment 20: Detection of carbohydrates	Biology Experiments	English	DESM	Video	18/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
33	Experiment 22: Detection of Lipids	Biology Experiments	English	DESM	Video	18/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
34	Experiment 23: Chromatography	Biology Experiments	English	DESM	Video	18/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
35	Experiment 24: Respiration in germinating buds/seeds	Biology Experiments	English	DESM	Video	18/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
36	Experiment 26: Action of Salivary amylase	Biology Experiments	English	DESM	Video	18/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
37	Experiment 27: Effect of temperature on salivary amylase	Biology Experiments	English	DESM	Video	18/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
38	Experiment 28: Effect of pH on salivary amylase	Biology Experiments	English	DESM	Video	18/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
39	Experiment 29: Urine Analysis (Urea)	Biology Experiments	English	DESM	Video	18/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
40	Experiment 30: Urine Analysis (Sugar)	Biology Experiments	English	DESM	Video	18/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
41	Experiment 34: Human Joints	Biology Experiments	English	DESM	Video	18/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)

42	Employability Skills	Vocational Education	Hindi	PSSCIVE	Video	18/02/2019	General	Accepted
43	Cartoonist Sudheer Tailang	General	Hindi	CIET-NCERT	Video and Audio Both	18/02/2019	General	Accepted (Subject to incorporating suggestions)
44	Surface Chemistry Ep-1 (Absorption: Types and Mechanism)	Chemistry	English	CIET-NCERT	Video Lecture	21/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
45	Surface Chemistry Ep- 2 (Absorption: Characteristics and Isotherms)	Chemistry	English	CIET-NCERT	Video Lecture	21/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
46	Surface Chemistry Ep- 3 (Catalysis)	Chemistry	English	CIET-NCERT	Video Lecture	21/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
47	Chemical Kinetics EP- 1 (Average Rate and Instantaneous Rate)	Chemistry	English	CIET-NCERT	Video Lecture	21/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
48	Chemical Kinetics EP- 2 (Effect of Concentration on Rate of a Reaction)	Chemistry	English	CIET-NCERT	Video Lecture	21/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
49	Chemical Kinetics Ep 3 (Zero and First Order Reactions)	Chemistry	English	CIET-NCERT	Video Lecture	21/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
50	Haloalkanes and Haloarenes	Chemistry	English	CIET-NCERT	Video Lecture	21/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
51	d and f block Elements Ep-1 (Position of d block elements, electronic configuration of transition metals, Physical properties)	Chemistry	English	CIET-NCERT	Video Lecture	21/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
52	d and f block Elements Ep-2 (Characteristics properties of d block elements)	Chemistry	English	CIET-NCERT	Video Lecture	21/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
53	d and f block Elements Ep-3 (Important compounds of Transition Elements, Oxides and Oxoanions of metals)	Chemistry	English	CIET-NCERT	Video Lecture	21/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
54	Polymer	Chemistry	English	CIET-NCERT	Video Lecture	21/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)

55	Alcohols, Phenols and Ethers Ep-1	Chemistry	English	CIET-NCERT	Video Lecture	21/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
56	Alcohols, Phenols and Ethers Ep-2 (Preparation and Physical Properties of Alcohols)	Chemistry	English	CIET-NCERT	Video Lecture	21/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
57	Alcohols, Phenols and Ethers Ep-3 (Chemical Properties of Alcohols and phenols)	Chemistry	English	CIET-NCERT	Video Lecture	21/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
58	Alcohols, Phenols and Ethers Ep- 4(Ethers)	Chemistry	English	CIET-NCERT	Video Lecture	21/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
59	Amines Ep-1 (Structure, Classification and Nomenclature)	Chemistry	English	CIET-NCERT	Video Lecture	21/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
60	Amines Ep-2 (Preparation of Amines and Physical Properties)	Chemistry	English	CIET-NCERT	Video Lecture	21/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
61	Amines Ep-3 (Chemical Properties)	Chemistry	English	CIET-NCERT	Video Lecture	21/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
62	Amines Ep-4 (Chemical Properties and Diazonium Salt)	Chemistry	English	CIET-NCERT	Video Lecture	21/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
63	Redox Reactions Ep-1	Chemistry	English	CIET-NCERT	Video Lecture	21/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
64	Redox Reactions Ep-2 (Balancing of Redox Reactions)	Chemistry	English	CIET-NCERT	Video Lecture	21/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
65	Redox Reactions Ep-3 (Oxidation Number)	Chemistry	English	CIET-NCERT	Video Lecture	21/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
66	The s-block elements Ep-1 General characteristics of alkali metals and their compounds	Chemistry	English	CIET-NCERT	Video Lecture	21/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
67	The s-block elements Ep-2 General characteristics of alkali metals and their compounds	Chemistry	English	CIET-NCERT	Video Lecture	21/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)

68	The s-block elements Ep-3 General characteristics of alkaline earth metals and their compounds	Chemistry	English	CIET-NCERT	Video Lecture	21/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
69	The s-block elements Ep-4 General characteristics of compounds of the alkaline earth metals	Chemistry	English	CIET-NCERT	Video Lecture	21/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
70	p-block Elements Ep-1 General Trends in the Chemistry of Elelments of Group 15	Chemistry	English	CIET-NCERT	Video Lecture	21/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
71	p-block Elements Ep-2 Physical and Chemical Properties	Chemistry	English	DESM	Video Lecture	21/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
72	p-block Elements Ep-3 Molecular Nitrogen and other Related Compounds	Chemistry	English	CIET-NCERT	Video Lecture	21/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
73	p-block Elements Ep-4 Phosphorus and its compounds	Chemistry	English	CIET-NCERT	Video Lecture	21/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
74	p-block Elements Ep-5 General Trends in the Chemistry of Elelments of Group 16	Chemistry	English	CIET-NCERT	Video Lecture	21/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
75	p-block Elements Ep- 6 Chemistry of Free States of Oxygen and Sulphur and their compounds	Chemistry	English	CIET-NCERT	Video Lecture	21/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
76	p-block Elements Ep- 7 Allotropic forms of Sulphur	Chemistry	English	CIET-NCERT	Video Lecture	21/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
77	p-block Elements Ep- 8 General Trends in the Chemistry of Elelments of Group 17	Chemistry	English	CIET-NCERT	Video Lecture	21/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
78	p-block Elements Ep- 9 Physical and Chmical Properties	Chemistry	English	CIET-NCERT	Video Lecture	21/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
79	p-block Elements Ep- 10 Molecular Chlorine and other compounds of chlorine	Chemistry	English	CIET-NCERT	Video Lecture	21/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
80	p-block Element Ep-11 General Characteristics of Elelments of Group 18	Chemistry	English	CIET-NCERT	Video Lecture	21/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)
81	Coordination Compounds	Chemistry	English	CIET-NCERT	Video Lecture	21/02/2019	Senior Secondary	Accepted (Subject to incorporating suggestions)

82	Science through Magic Box	Science	English	ESD-NCERT	Classroom Based Programme	26/03/2019	Secondary	Not accepted
83	Learning to classify	Science	English	ESD-NCERT	Classroom Based Programme	26/03/2019	Primary	Not accepted
84	Niyam Khel Ki Chabhi hain	EVS	English	ESD-NCERT	Classroom Based Programme	26/03/2019	Primary	Not accepted
85	Protecting Environment	Community Participation	English	ESD-NCERT	Classroom Based Programme	26/03/2019	Primary, Upper Primary, Secondary	Not accepted
86	Fraction Jigsaw Puzzle	Maths	English	ESD-NCERT	Classroom Based Programme	26/03/2019	Primary	Not accepted
87	Equivalent fractions & simplest fractions	Maths	English	ESD-NCERT	Classroom Based Programme	26/03/2019	Upper Primary	Not accepted
88	Krishi Card Paheli	SST	English	ESD-NCERT	Classroom Based Programme	26/03/2019	Upper Primary	Not accepted
89	Maulik Adhikar	SST	English	ESD-NCERT	Classroom Based Programme	26/03/2019	Upper Primary	Not accepted
90	Poem - Maps	SST	Hindi	CIET-NCERT	Audio - Poem	26/03/2019	Upper Primary & Secondary	Accepted

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 January-March, 2019

S. No.	Name of the programme	Subject	Target group	Duration of programme	Producer
1	Marigold (Audio book) 5 books (I-V)	English	Primary	7 Hrs. each approx	Sri Ajit Horo
2	Rimjhim (Audio book) 5 books (I-V)	Hindi	Primary	7 Hrs. each approx	Smt. Vandana Arimardan
3	Bhaswati (Audio book) 2 books (classes XI-XII)	Sanskrit	Hr. Secondary	7 Hrs. each approx	Sri Ajit Horo & Smt. Vandana Arimardan
4	Flamingo (Audio book) 1 book	English	Hr. Secondary	7 Hrs. approx	Sri Ajit Horo

5	Hornbill (Audio book) 1 book	English	Secondary	7 Hrs. approx	Sri Ajit Horo
6	Songs on internet safety 8 programmes		General	6 min each	Sri Ajit Horo
7	12 programmes for PCRA		General	6 min each	Sri Ajit Horo
8	अक्षर की कहानी – म, य, र, ल, व, श, स, ह	English	Primary	7 Hrs. each approx	Sri Ajit Horo

List of Video programs produced (recorded) outside NCERT during January-March, 2019

S. No.	Name of Programme	Producer	Date of Recording	Location
1	Know your aptitude	Sh. Buddhi Prakash Kukreti	07/01/2019	Indoor, Studio-B
2	IISC, Sci. Exhibition	Sh. Buddhi Prakash Kukreti	17/01/2019 to 21/01/2019	Outdoor, Bangalore
3	Employbility Skills	Smt. Sujata Lochab	20/01/2019 to 27/01/2019	Outdoor, RIE- Bhopal
4	Pariksha pe charcha	Sh. Buddhi Prakash Kukreti	23/01/2019 to 24/01/2019	Outdoor, UP-Kanpur
5	Pariksha pe charcha	Sh. Buddhi Prakash Kukreti	23/01/2019 to 26/01/2019	Outdoor Una-Pathanko
6	Pariksha pe charcha	Sh. Buddhi Prakash Kukreti	25/01/2019	Outdoor, Dwarka
7	Pariksha pe charcha	Sh. Mansukh Rathod	25/01/2019	Outdoor, NCERT Campus
8	Pariksha pe charcha	Sh. Buddhi Prakash Kukreti	27/01/2019 to 28/01/2019	Outdoor, Bal Bhawan
9	Pariksha pe charcha	Sh. Mansukh Rathod	27/01/2019	Outdoor, USO NCERT Campus
10	Pariksha pe charcha	Smt. Sujata Lochab	28/01/2019	Outdoor, JNV Mungeshpur
11	Family and Friends	Smt. Anita Malhotra	06/02/2019	Indoor, Studio-A CIET
12	EVS assessment	Smt. Sujata Lochab	21/02/2019	Outdoor, KVS NCERT
13	Hindi Lecture	Sh. Sudhir Saxena	14/03/2019	Indoor, 229-CIET

List of Video programs produced (recorded) within NCERT during January-March, 2019

S. No.	Name of Programme	Producer	Rec-Medium Details	Date
1	Chemistry Experiments	Sh. Mansukh Rathod	BRD-3051, 3378, 3379, 2899, 2900, 2537, 3309, 3377, 3380, 3381	01 January, 2019 02 January, 2019 03 January, 2019 04 January, 2019
2	Chemistry Experiments	Sh. Mansukh Rathod and Sh. Buddhi Prakash Kukreti on 11.01.2019	BRD- 3071, 3072, 3385, 3386, 3388, 3389, 3246, 3387, 3382, 3391, 3392	07 January, 2019 08 January, 2019 09 January, 2019 10 January, 2019 11 January, 2019
3	Development of E-content in music	Smt. Anita Malhotra	BRD- 3396, 3397	13 February, 2019

4		Sh. Sudhir Saxena	BRD- 3401	15 February, 2019
5	Development of E-content in Music	Smt. Anita Malhotra	BRD- 3398, 3399 BRD- 3400, 211, 3399, 210	15 February, 2019 18 February, 2019
6	Training of 20 Educational Professional of Afghanistan	Sh. Sudhir Saxena	BRD- 3409	27 February, 2019
7	Employability Skills (Voice over)	Smt. Sujata Lochab	BRD- 2727	05 March, 2019
8	"Living Library with Persons; with Disabilities"	Sh. Sudhir Saxena	BRD- 3410, 3411	15 March, 2019
9	EPGEON Modules	Smt Sujata Lochab	HD Camera	18 March, 2019 19 March, 2019
10	Introduction to MOOCs & Patch work of physics		BRD-3383	25 March, 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. The list of previews done during January-March, 2019 has been given below:

List of programms previewed during January-March, 2019

S. No.	Name of the programme	Subject	Target group	Duration of programme (min:sec)	Producer
1	अक्षर की कहानी फ से फुर्तीला	हिंदी, अकादमिक समन्वयक – डॉ. नीलकंठ कुमार	प्राथमिक	11:45	श्रीमती वन्दना अरिमर्दन
2	अलंकारः – एकः परिचयः	संस्कृत, अकादमिक समन्वयक– प्रो. के सी त्रिपाठी प्रो. जतींद्र मोहन मिश्र	माध्यमिक	19:15	श्री सुधीर कुमार सक्सेना
3	अक्षर की कहानी ढ से ढम ढम ढोल	हिंदी अकादमिक समन्वयक – डॉ. नीलकंठ कुमार	प्राथमिक	15:30	श्रीमती वन्दना अरिमर्दन
4	संस्कृत अलंकारः –वर्क्रोक्ति	संस्कृत कार्यक्रम समन्वयक– प्रो. के सी त्रिपाठी प्रो. जतीन्द्र मोहन मिश्र	प्राथमिक	15:30	श्रीमती वन्दना अरिमर्दन
5	वाशिंग मशीन	विज्ञान	सामान्य	04:10	श्री अजीत होरो
6	वाहन की गति	विज्ञान	सामान्य	03:50	श्री अजीत होरो
7	Hand wash	कार्यक्रम समन्वयक– डॉ. पुष्पलता वर्मा	Primary	02:00	श्री बुद्धि प्रकाश कुकरेती
8	किण्वन के दौरान कार्बनडाई ऑक्साइड के विमुक्त होने का अध्ययन करना	कार्यक्रम समन्वयक– डॉ. पुष्पलता वर्मा	सेकण्डरी	09:48	श्री बुद्धि प्रकाश कुकरेती

9	सॉस्कृत गीतम भारती गौरवम्	संस्कृत, अकादमिक समन्वयक— प्रो. के सी त्रिपाठी प्रो. जतींद्र मोहन मिश्र	उच्च माध्यमिक	06:30	श्रीमती वन्दना अरिमर्दन
10	Wonderful waste	Wonderful waste	Primary	05:00	Sh. Ajit Horo
11	मूक उर्दू	उर्दू कार्यक्रम समन्वयक— प्रो. फारूक अनसारी	उच्च माध्यमिक	18:57	श्रीमती सविता सरद्
12	A pact with the sun	English Academic Coordinator Dr. R. Meghanathan	Upper Primary	10:00	Sh. Ajit Horo
13	Eddy Current	Physics-Science Expert & Coordinator Dr. Anuradha Mathur	Sr. Secondary	02:50	Sh. Buddhi Prakash Kukreti
14	Parallel Plate –bottle Capacitor	Physics -Science Expert & Coordinator Dr. Anuradha Mathur	Sr. Secondary	02:50	Sh. Buddhi Prakash Kukreti
15	Manipur "The Jewel of India" Part-1	English Coordinator- Prof. Dr. Neeraja Rashmi-DESS	Secondary	27:38	Sh. Sudhir Kumar Saxena
16	Insulin ki Kahani	Hindi Academic Coordinator Dr. Jeetender Singh	Secondary	29:07	Sh. Ajit Horo
17	Body Fluids and Circulation-Part-1	Biology-Science Sub.Expert- Dr.Aruna Mohan Prog. Coordinator- Dr.Abhay Kumar	Secondary	29:07	Sh. Ajit Horo
18	1.Binni ka Romanchak Sapna – (Comic Spot -PCRA) 2-Internet par jab bhi jao-Jingle	Environment and Internet safety	General	5:00	Sh. Ajit Horo
19	Organizing Teaching Learning Experiences in EVS	Coordinator Prof. Kavita Sharma (DEE)	Teachers	14:07	Smt. Sujata Lochab
20	Kishmishon dwara antah shoshit jal ki dravyaman pratishatata nikalna	Biology (Science Experiment) Coordinator - Dr. Pushplata Verma	Secondary	7:19	Sh. Buddhi Prakash Kukreti
21	श्रृंखला —अक्षर की कहानी 'ड' से डब्बू डमरू वाला	हिंदी अकादमिक समन्वयक — डॉ. नील कण्ठ कुमार	प्राथमिक	13:00	श्रीमती वन्दना अरिमर्दन
22	Electro Magnetic Induction Production and Effects of Eddy Current in a Matel Pipe Wave Motion	Physics Coordinator Anuradha Mathur	Senior Secondary	03:24 04:11 04:55	Sh. Buddhi Prakash Kukreti
23	अनीता की मधुमक्खियाँ	हिंदी	प्राथमिक	2:03	श्रीमती सुजाता लोचब
24	आओ करें बचत, कपड़े धोते धोते	हिंदी डॉ. इन्दु कुमार	सामान्य	06:00	श्री अजीत होरो
25	Assesment in Environment Science	EVS Coordinator Prof. Kavita Sharma (DEE)	Teachers	15:00	Smt. Sujata Lochab
26	संस्कृत अलंकारः— अनुप्रासः	संस्कृत, अकादमिक समन्वयक— प्रो. के सी त्रिपाठी प्रो. जतींद्र मोहन मिश्र	माध्यमिक	22:39	श्री सुधीर कुमार सक्सेना

27	विज्ञान के आकाश में एक भारतीय सितारा	हिंदी आचार्य जगदीश चंद्र बसु	माध्यमिक, उच्च माध्यमिक	22:00	श्रीमती वन्दना अरिमर्दन
28	Biomolecules, Ep-1	Biology Science Subject Expert- Dr. Aruna Mohan Program coordinator- Dr. Abhay Kumar	Class IX & Sr. Secondary	26:28	Shri Buddhi Prakash Kukreti
29	संस्कृत अलंकारः— यमकः	संस्कृत, अकादमिक समन्वयक— प्रो. के सी त्रिपाठी प्रो. जतींद्र मोहन मिश्र	माध्यमिक	17:20	श्री सुधीर कुमार सक्सेना
30	Story of Tansen	English	Upper primary	16:00	Sh. Ajit Horo
31	Simple Electroscope	Physics-Science Program coordinator- Dr. Anuradha Mathur	Sr. Secondary	05:27	Shri Buddhi Prakash Kukreti
32	Motion of charged particle in a uniform Magnetic field	Physics-Science Program coordinator- Dr. Anuradha Mathur	Sr. Secondary	03:20	Shri Buddhi Prakash Kukreti
33	आओ करें रसोई गैस की बचत	हिंदी डॉ. इन्दु कुमार	सामान्य	06:00	श्री अजीत होरो
34	वे दिन भी क्या दिन थे	हिंदी राजेश कुमार निमेष	प्राथमिक	08:50	श्री बुद्धि प्रकाश कुकरेती
35	संस्कृत अलंकारः	संस्कृत, अकादमिक समन्वयक— प्रो. के सी त्रिपाठी प्रो. जतींद्र मोहन मिश्र	माध्यमिक	10:33	श्री सुधीर कुमार सक्सेना

QUALITY ASSESSMENT OF MEDIA PROGRAMS

CIET-NCERT also reviews audio, video and other multimedia e-contents before disseminating them on respective web portals regularly. Workshops are conducted on regular basis to review programs received from different states for Shala Gunvatta (ShaGun) portal NROER, epathshala, MOOCs and DIKSHA. During this quarter, English Live videos - 15 video programmes (2- 4 January, 2019), Sanskrit Promotion Foundation - Portal and selected contents (10 January, 2019), Psychology Aptitude Test (DEPFE) - 02 Videos and 05 video programmes for ShaGun portal (24 January, 2019), Women Saint Poets of India (DESS) - 15 audio programmes and 07 video programmes for ShaGun portal (8 February, 2019), 15 documents and 10 video programme for ShaGun portal (28-29 March, 2019) were reviewed. The total number of content reviewed between January to March 2019 was eighty (80).

Online Faculty Development Programme on ICT in Education

- First session held on 30th January 2019 was taken by Google India on 'Collaborative Tools in Education', which focused on various aspects and features of Google Drive.

- Second Session held on 06th February 2019 was on 'Being Safe Online' and the experts were from Cyber Peace Foundation. It elaborated on general safety measures to be adopted while being online.

- Third Session held on 20th February 2019 was on 'Be secure and safe: Browser and Mail' and the expert was from Google Hyderabad. The focus was on creating passwords, recovery accounts, and be aware about warning on websites, fraudulent websites, online scams and fake messages.

- Fourth Session held on 27th February 2019 was on 'Safety and Security: Devices and during online transaction' and experts were from CDAC Hyderabad. The focus of the session was on virus attack on the system, malicious apps on our smart phones and safety during online transactions.

- Fifth Session held on 06th March 2019 was on 'Adoption of OER: An innovative Intervention for Teaching Learning' and the experts were from CEMCA. During this session a detailed understanding on OER was given along with the details of portals available for OER and online course on OER.

- Sixth Session held on 13th March 2019 was on 'FOSS in Education' and the expert was from TIFR-HBCSE Mumbai. The session elaborated upon understanding FOSS and FOSS tools along with the relevance of FOSS in Education.

- Seventh Session held on 20th March 2019 was on 'Working with You tube' and the experts were from Google India and You tube Mumbai. The session oriented about creating channel on You tube, Uploading videos, classifying resources, and Accessing resources/ channels on You tube.
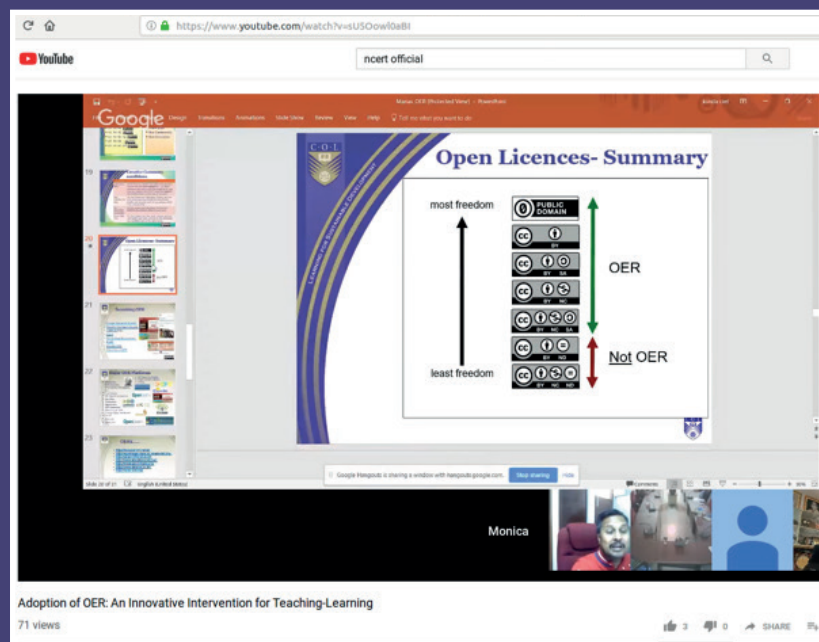
DISSEMINATION OF eCONTENTS

Apart from production, CIET-NCERT also disseminates the e-contents developed by it and other agencies. Total number of e-Resources uploaded on the open repository i.e. **NROER** for free use are 13,780 including- 401 collection, 2,779 documents, 619 interactives, 1,664 audios, 2,586 images, 6,133 videos. The total no. of registered users till now has been 13,558.

ePathshala is a portal supported with app where there are e-resources of NCERT put up for use. The portal has 4,23,90,198 visitors, the app has a rating of 4.5 out of 5 on Google play store, 3 out of 5 on Apple store and 4.5 out of 5 on Windows Store. Till 31st March 2019, 2.1 million users have downloaded the app from various play stores. Total views of ePathshala on Youtube have been amounted to 2,62,48,944. 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 35,650 downloads, **PARAKH** (Third Party Evaluation of ICT in States) had 2,520 users whereas, **KISHORE MANCH** had 3,200 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 408 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 excercise. Support to SCERT Tripura was given in the form of a webportal with 1,17,102 views of Tripura Siksha Bandhu.

As nominated by MHRD, Central Institute of Educational Technology (CIET), NCERT is the national coordinator for one SWAYAM-PRABHA 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 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 1899 programs have been telecast on the Kishore Manch channel as per schedule between January to March 2019. It is noted that the total number includes the repetitions also. Among these 1899 programs, 965 were the lecture series of different subjects of class XI (359) and XII (606). Apart from lecture series, there were 695 programs covering the syllabus of secondary and senior secondary level. Similarly, teachers related 52 programs were also included in the schedule. Three hundred and sixty eight general programs related to art, craft, culture, dance, music, physical education etc. have also been telecast on the channel between January to March 2019.

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

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

Subjects	No. of Programs telecast	% of programs telecast
Sciences (Biology, Chemistry, Physics)	658	34.64
Social Sciences (Economics, Geography, History, Political Science, Sociology)	365	19.22
Mathematics	170	08.96
Language	135	07.11
Art, Culture, Crafts, Dance and Music	126	06.63
Accountancy	105	05.52
Psychology	54	02.84
Business Studies	44	02.32
Others	242	12.74
Total	**1899**	**100**

As shown in the above table, there were 658 and 365 programs related to different disciplines of sciences and social sciences respectively. One hundred and seventy programs included the Maths lecture series, maths activities and other related programs. Similarly, language related programs (135) were mostly of Hindi language.The schedule covered 126 programs depicting Indian art and culture through different series of videos. Furthermore, Accountancy (105), Psychology (54) and Business Studies (44) subjects of senior secondary level were also placed in the schedule. Two hundred and Forty two other programs were related to physical education, teachers, famous personalities, travelogues, environment and in generic in nature.

Participation in Conferences/Seminars and publication

Prof. Amarendra P. Behera as a member attended the Meeting of the Executive Committee of Technology Assissted Learning Programme (TALP) on 3-4 January, 2019 in the office of Additional Chief Secretary and development Commissioner GoI Karnataka, Bangalore.

Prof. Amarendra P. Behera participated as one of the panelists in the panel discussion held on MOOCs on SWAYAM on DD-1 in New India Sankalp on 11 January, 2019. https://www.youtube.com/watch?v=Recrhu5 gm-s&t=396s

Dr. Indu Kumar as a special invitee attended the AI Global Summit and Awards'19 organised by All Indian Council for Robotics and Automation (AICRA) and Ministry of Electronics & Information Technology, GoI on 17 January, 2019, New Delhi. Dr. Nidhi Singh also attended the summit and award function as a delegate.

Dr. Indu Kumar took part as the chief guest and participated in the rally organised by Cyber Peace Foundation in Pune, Maharastra on 5 February, 2019. CIET-NCERT also participated in the panel discussion organised by Tik-Tok in collaboration with Cyber Peace Foundation and shared various initiatives taken up by NCERT at school education level regarding cyber safety & security. Dr. Angel Rathnabai, Assistant Professor participated as a keynote speaker as well as panelist in the same.

Dr. Abhay Kumar presented a paper on "Environmental Education in the times of Sustainable Developmental Goals" in an International Conference on Emerging Trends and Innovations in School Sciences, held on February 6-8, 2019 at Regional Institute of Education (RIE), NCERT, Bhopal which was organised by RIE, Bhopal in collaboration with MP Council of Science and Technology, Bhopal and Commonwealth Educational Media Centre for Asia (CEMCA), New Delhi.

Prof. Amarendra P. Behera delivered the inaugural address on 8 February, 2019 in the National Seminar on Technology Enabled Learning, held on 8-9 February, 2019 organised by Gandhigram Rural Institute, Madurai, Tamil Nadu.

CIET faculty presented papers through virtual mode (Skype) in the 7th International Conference on eLearning and E-Teaching (ICELET 2019) organised by Iranian Electronic Learning Association in Tehran from 20 to 21 February 2019. Dr. Indu Kumar presented paper on "ICT in Education Initiatives for School and Teacher Education in India", Dr. Mohd. Mamur Ali presented on "Learning through MOOCs on SWAYAM" and Dr. Angel Rathnabai prsented on "ICT in Education Curriculum for Students and Teachers".

Dr. Abhay Kumar gave a radio talk on "Creativity in Science" for the Rajdhani Channel of All India Radio on 22 February, 2019 which was telecaste on 24 February, 2019.

Dr. Angel Rathnabai, Assistant Professor underwent the UGC Sponsored Refresher Course on Innovation in Teaching Technology organised by HRDC, University of Madras from 1 to 21 March, 2019. Dr. Alka Singh presented a paper on 'Learning and Teaching on SWAYAM PRABHA' in National Conference on Education for the Knowledge Society: Opportunities and Challenges from 7-9 March 2019, organised by School of Education, PMMMNMTT scheme MHRD, Central Institute of Higher Tibetan Studies at Sarnath, Varanasi.

Dr. Monica Nagpal presented a paper on "Integrating Free and Open Source Software (FOSS) in Education" in National Conference on Education for the Knowledge Society: Opportunities and Challenges from 7-9 March 2019, organised by School of Education, PMMMNMTT scheme MHRD, Central Institute of Higher Tibetan Studies at Sarnath, Varanasi.

Dr. Mohd. Mamur Ali conducted a hands-on session on "E-course Development" in 5 day workshop on Curriculum designing and development in language education, organised by Teaching Learning Centre under PMMMNMTT, at Shri Lal Bahadur Shastri Rashtriya Sanskrit Vidyapeetha, New Delhi on 12 March, 2019.

Dr. Angel Rathnabai participated in the online conference on 'Connecting the Dots with Micro-credentials' conducted by Centre for Educational Technology, Israel in collaboration with Digital Promise, Washington DC on 13 March, 2019.

Dr. Abhay Kumar was invited as a Resource Person/Expert and chief guest in the National Workshop on Academic Writing and Anti-Plagiarism at the Department of Education, University of Delhi, Delhi on 15 March, 2019, Friday. He took a session on "What and How of Paper Writing (CIET Journals)".

Dr. Mohd. Mamur Ali co-chaired a technical session on "Use of FOSS, MOOCs, and Web2.0 & Web 3.0 technology Tools in Teaching and Learnng" in the National Seminar on ICT Integration in Education &

Learning Analytics, at Regional Institute of Education (RIE), NCERT Bhopal from 15-17 March 2019.

Dr. Mohd. Mamur Ali presented a paper on "Enhancing Understanding of Algebraic Concepts using Technology" in the National Seminar on ICT Integration in Education & Learning Analytics, at Regional Institute of Education (RIE), NCERT Bhopal from 15-17 March 2019.

Prof. Amarendra P. Behera delivered keynote address in the Inaugural Program of 1st Workshop on MOOCs in UGC-Human Resource Development Centre, Jawaharlal Nehru University (JNU), New Delhi on 18 March, 2019.

Prof. Amarendra P. Behera took a session on "ICT initiatives" on 23 March, 2019 in the Capacity Building Programme on ICTs in Educaton at SCERT Chandigarh during 18-23 March, 2019. Dr. Mohd. Mamur Ali took sessions on "ICT tools in education" and "Conversion of ePub" at the same. Dr. Nidhi Singh also took sessions on "Creating animation in education" and "Subject-specific tools to create e-resources in Social Sciences" on 23 March, 2019 at SCERT Chandigarh. The faculty members of CIET were accompanied by Shri Pramod Sharma who introduced puppet as an educational technology. Dr. Yash Paul Sharma took a session on Subject-specific tools for creating e-resoiurces in Science on 18 March 2019.

Prof. Amarendra P. Behera was invited to participate in the 28th Meeting of the General Body of NOS Society, NIOS on 29 March, 2019 at Vigyan Bhawan Annexe, New Delhi.

Prof. Amarendra P. Behera attended the international conference on 'Innovation and Creative Education and Teaching' as a guest of honour which was organised by Army Institute of Education, Greater Noida on 30 March, 2019.

AWARDS AND HONORS

CIET's programme 'Pahiya' bagged the Jury's Special Award in Educational Media Festival for Commonwealth of Asia

Digital India Award for ePathshala (Gold)

Educational Media Festival for Commonwealth Asia was organised by Commonwealth Educational Media Centre for Asia (CEMCA) in collaboration of CIET on 15 February, 2019 where, CIET-NCERT recieved the Jury's Special Award in the category Educational e-content with multimedia for the programme on 'Pahiya'.

NCERT's ePathshala won Digital India Award under Best Mobile App category (Gold) on 22 February, 2019. The award was conferred by the Union Minister for Law and Justice, Electronics and IT, Dr. Ravi Shankar Prasad at Stein Auditorium, India Habitat Centre, Lodhi Road, New Delhi. The team of CIET, NCERT recieved the award.

VISITORS

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 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 details of visits done during this quarter of the year have been given below:

List of visits done during January-March, 2019
One day visit for Teacher Educators/Trainee Teachers

S. No.	Name of the Institute/College/Organisation	Total no. of Trainee Teacher/Teacher Educators	Date of the Visit
1	Lingaya's University, Faridabad	64	31 January, 2019
2	Galgotia University, Greater Noida	48	5 February, 2019
3	Maharshi Valmiki College of Education, DU	100	8 & 22 February, 2019
4	K.R.Mangalam University, Gurgaon	40	7 February, 2019
5	IVS Sheikh Sarai, GGSIPU	300	8, 11, 12 March, 2019
6	Gautam Budhha University, Greater Noida	30	15 March, 2019
7	Maharaja Surajmal Institution, GGSIPU	100	18 March, 2019
8	Centre of Education, IITE, Gandhi Nagar, Gujarat	50	18 March, 2019
9	Sri Krishna College of education, Baghpat, GGSIPU	100	25 March, 2019
10	Vidya Institute, Delhi	145	29 March, 2019

## List of Organisation for Internship programme of M.Ed. Scholars

S. No.	Name of the Institute/College/Organisation	Total no. of Scholars	Date of the Internship
1	Department of Educational Studies, Jamila Millia Islamia	6	26 December, 2018 - 4 January, 2019
2	Nagaland University, Kohima	6	1- 8 February, 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	DIET, Dirang, Arunachal Pradesh	4	8 January, 2019
2	Attachment training programme of Professional Development Programme for English Language Teachers organised by Department of Education in Languages (DEL)	40	9 January, 2019
3	DIET, Pasighat, Arunachal Pradesh	6	10 January, 2019

Other Activities

Cleaning the clutter around CIET premise was taken up under the Swachhata Abhiyan on 28 March, 2019.

ePathshala	NROER	CIET	SWAYAM

SWAYAM PRABHA	ICT CURRICULUM	ITPD	PINDICS
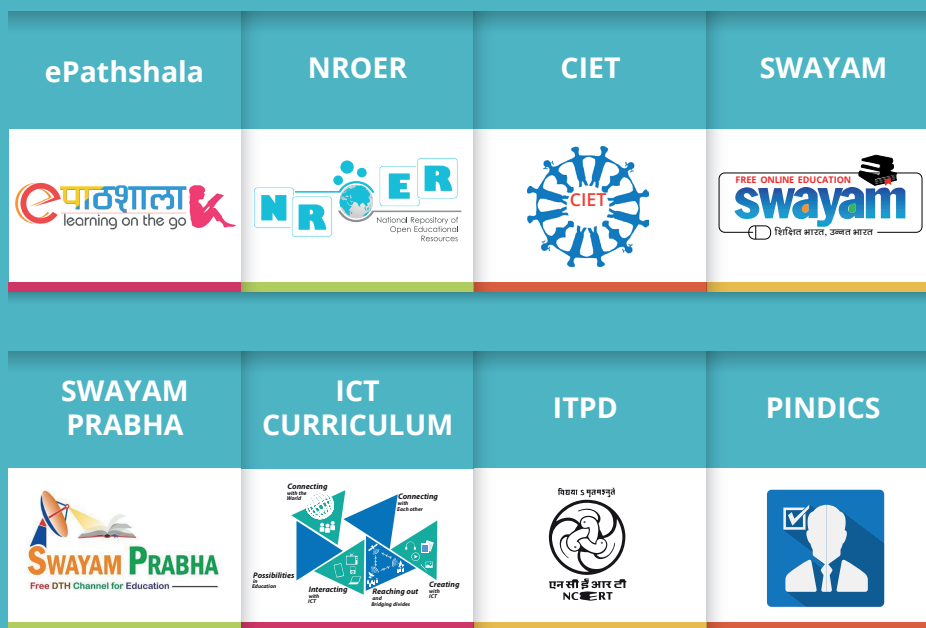
Central Institute of Educational Technology
National Council of Educational Research & Training
Sri Aurobindo Marg, New Delhi-110016

Tel.:- 011-26962580 I Fax:- 011-26864141
e-mail:- jdciet.ncert@nic.in