

eContent Development Workshop

Phase-I

(for State Education Technology Resource Group)

26TH April 2021 TO 7TH May 2021

Information Brochure



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Organized by

**

Educational Technology Wing
State Council of Educational Research and Training, Haryana
Gurugram

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ACS-School Education Haryana

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Director General Elementary Education

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Director Secondary Education

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- ❖ **Smt Sangita Yadav, Joint Director SCERT**
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Central Institute of Educational Technology, NCERT, New Delhi

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Sh. Manoj Kumar

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Sh. Sanjay Kumar

Sh. Deepak Vashisth

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Ms. Harpreet Kaur

Sh. Ved Parkash

Dr. Seema Sharma

Sh. Jaswinder Singh

Sh. Naresh Kumar

Sh. Balwinder Kumar

Sh. Ashish Kumar

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Ms. Ritu

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Sh Deepak

The National Education Policy - 2020 (NEP- 2020), unveiled by the Ministry of Education is revolutionary in every sense. While the Policy focuses on multiple aspects, including the need for early childhood care, inclusive education and revamping of the current curriculum, an inherent thread that runs through the policy is the interplay of education and technology. The policy notes that one of the central principles to steer the education system will be the 'extensive use of technology in teaching and learning, removing language barriers, increasing access as well as education planning and management'. In this light, NEP 2020 has set out laying standards to encourage digital content development, which will become a digital push for quality development in the field of Education. In short, NEP 2020 emphasises for the development of quality eContent in varied forms in all regional languages for a diverse group of learners including DIVYANG and to empower students and teacher communities across India. eContent augments the learning experience by deploying various resources for visualization and explanation of abstract ideas. Keeping in view the diverse needs of learners, now use of eContent has become an essential component of the teaching and learning processes. eContent is available in large numbers through various sources, but few of them are found to have the desired quality in terms of content, pedagogy as well as technical aspects. Copyright violations are rampant thereby restricting the scope of customising the eContent according to the local needs. Also with a plethora of smart and mobile devices, teacher and student driven eContents are available in abundance in the market. eContents are prepared by agencies and organisations as well as individuals. In this situation, the quality of such eContents may be questionable; hence it is important to develop quality and standard eContent. Government of India has brought in several initiatives for dissemination of eContent such DIKSHA (One Nation One Platform), NROER, SWAYAM, ePathshala, PMeVIDYA (One Class One Channel) etc NEP -2020 emphasises on development of eContent by NCERT, CIET, CBSE, NIOS, and other bodies/ institutions, and will be uploaded on to the DIKSHA platform and also use the platform for teacher professional development. NEP-2020 emphasizes that each teacher and school principals will be expected to participate in at least 50 hours of continuous professional development activities. It is need of the hour for capacity building of resource groups to develop quality eContent and share it through various mediums to enable access. In this context CIET-NCERT conducted a virtual workshop to familiarize the SRGs on development of e-Content, process of developing quality e-Content and curation of e-Content.

On the basis of CIET-NCERT's SRG-orientation, Team Haryana prepared and presented a State e-Content Development Plan 2021 in NCERT. The current program is an important step in this journey, which is intended to prepare more than 3500 teachers and trainers, in skills of e-Content Development, in two phases in the year 2021-22. All these teachers will join the existing e-content creator team of SCERT Haryana and contribute to the State Repository of Open Educational Resources(SROER).

Objective of the workshop

The objective of this workshop is to:

- Sensitize the stakeholders on Digital Education Initiatives taken up by the MHRD-Govt. of India, CIET-NCERT and Haryana state.
- Familiarize the process of eContent development.
- Support in creating a variety of eContent.
- Familiarize various FOSS to develop eContent.
- Acquaint with quality parameters for content curation and development.
- Familiarise with Content-Pedagogy-Technology integration in teaching learning process.

Pre-Requisite of the Participants

- Participants to be deputed by DIETs for this workshop are expected to have
- Basic knowledge of technology
- Worked at school/block/district level and contributed to state in the area of ICT in Education
- Availability of Laptop/computer with internet is must for all participants.

Pre- Training Activities

As a part of pre-workshop activities a "Telegram" group will be created for the participants and Resource Persons. The nominated Resource Persons from 21 Districts will be added to the group by the Education Technology Wing SCERT . Information will be shared in the groups, so that participants will get to know each other as well as Resource Persons and also be intact with the training procedures. The following activities are required to be completed by the participants

1. Online registration
2. Joining the courses in the LMS/Google Classroom
3. Introducing themselves in the course portal
4. Reading the guidelines for development of eContent for school and Teacher Education.

Training Methodology

This training will be conducted in virtual mode. A “zoom” link will be shared in the “Telegram” group and in the course platform before two days of the training. There will be presentations and demonstrations by the Resource persons which also includes discussions. As seen from the Programme Schedule, maximum number of sessions are allotted for hand-on and group assessment activities. Active participation of all the participants is required. All the training resources shall be provided to the course participants through the course platform. Every day, there will be assignments to be submitted based on the hands-on activities. Two additional days are allotted for completing the activities. Activities will be peer assessed at the end of the training.

Assessment and Certification

All the assignments submitted will be rotated among the participants for peer review. Resource persons will also provide feedback on the assignments submitted by the participants.

For certification, following is mandatory

1. Attendance is must for all ten days online in all sessions
2. Submission of assignments
3. Peer assessment of the assignments allotted to the participants
4. Feedback submission
5. Participation in the forum

LIST OF DISTRICT COORDINATORS FOR E-CONTENT DEVELOPMENT WORKSHOP

These coordinators are nominated by PRINCIPAL DIETs and will work as trainees in phase-1 and trainers in phase-2 for the teachers in e-content development program-2021 by ET-SCERT Haryana

S. No	Name of Institution/ School	Name of Coordinator 1	Designation	Contact number	Name of Coordinator 2	Designation	Contact No.
1	DIET AMBALA	Dilbagh Singh	Lect in English	9996492244	RAMESH GOEL	Lect in Chemistry	7988338529
2	GETTI FP Namak nuh	Dr Sanjay Kumar	Lecturer in biology	9050568373	Dr Parmod Kumar	Lecturer in biology	7011457429
3	DIET Mahendergarh	Sh. Lal Singh Yadav	Sr. Lecturer	9416418584	Sh. Rajesh Dua	Sr. Lecturer	9416261707
4	DIET Ding sirsa	Chander Parkash	Assistant Professor in Biology	9416247799	Saurabh Kumar	BRP Mathematics	9416793728
5	DIET Marina, Rohtak	Azad Singh Khatkar	Sr.Lect.	9729789812	Ramesh Kumar	Sr. Lecturer	9467111133
6	DIET Gurugram	Sushila Dhankhar	Lecturer	9911526165	RK Ponia	Lecturer	9212221241
7	DIET Machhrauli	Dr. Sudershan Punia	Lecturer	9729555765	Jitender Singh Deswal	Lecturer	9996005559
8	DIET, Shahpur Karnal	Dr. Davender Kumar	Asst. Professor in Biology	9996402303	Sh. Parveen Kumar	Asst. Professor in Economics	9034046536
9	DIET Palwal (KKR)	Ms. Aparna	Sr. Lecturer	9466797475	Mr. Jaswinder Singh	Lecturer Biology	9896601006
10	DIET Panipat	TAKDIR Singh	lecturer -in - Psychology	9416945796	Smt Mamta Dahiya	lecturer -In - Biology	9466948840
11	DIET KAITHAL (4301)	BALBIR KASHYAP	Sr. Lecturer	9466454945	DAIBIR SINGH	Assist. Professor, Physical Education	8607272101
12	DIET BIRHI KALAN	Sh Sushil Kumar	Lecturer in English	8708805419	Sh Rakesh Godara	Lecturer in Chemistry/AR A	7015057957
13	DIET MATTERSHAM HISAR	Sh. Rajdev Singh	Associate Professor/Senior Lecturer	9416691276	Sh. Dhupender Singh	Assistant Professor/ Lecturer	7988672007
14	DIET Matana	Balvinder Kumar	Lecturer in Economics	9416253639	Vinod Kumar	Lecturer in Maths	9812652860
15	DIET BEESWANMEEL	SURENDER KUMAR	Lect. Pol. Sc.	9416170422	MANJU GUPTA	Sr. Lect. Bio	9812851666
16	DIET HUSSAINPUR REWARI	DR.NARESH KUMAR	LECTURER in Mathematics	9416712298	Sh Deepak KUMAR, Sh ANIL KUMAR	LECTURER in psychology, LECTURER in History	9466435568, 9416373299
17	Diet Janauli palwal	Jitender singh	Diet lecturer	8818068539	Brijpal singh	Diet lecturer	8168240957

18	Diet Panchkula	Smt. Tajinder Kaur	Sr. Lecturer	9417431342	Sh. Jasbir Singh	Lecturer in Physics	9468103434
19	DIET Pali Faridabad	Dr. Seema Sharma	Sr. Lecturer/ principal	8860621795	Deepak Vashisht	PGT maths	9910949983
20	DIET Ikkus Jind	Dr. Dalbir Singh	Asst. Professor	9416558520	Vijay Kumar	Asst Professor	9813344520
21	DIET Yamunanagar	Dushyant Chahal	Lect-in-Eng.	9729469169	Ashok Kumar	Sr. Lect.	9416550251

TIME TABLE FOR E-CONTENT DEVELOPMENT : Edu.Tech.Resource Group ORIENTATION
PART-1(26th April-30th April 2021)

Day / Time	9:15 – 10:00	10:00 – 11:00	11-11.15	11:00 – 12:00	12:00 – 12:30	Resource Persons (Dr/Sh/Smt)
1.	<ul style="list-style-type: none"> Registration/ Inaugural session Introduction to Google classroom 	Power Director/ Openshot /Kinemaster		Session Continue (Live demo.)	Q/A and Assignment	<ul style="list-style-type: none"> ❖ Kuldeep ❖ Balvinder ❖ Ghanshyam ❖ Ashwani ❖ Jasneet ❖ Sanjay
2.	<ul style="list-style-type: none"> District Presentation ICT INITATIVES 	H5P/Hotspot		Session Continue (Live demo.)	Q/A and Assignment	<ul style="list-style-type: none"> ❖ Arun ❖ Jasneet ❖ Manoj ❖ Ruchika
3.	<ul style="list-style-type: none"> District Presentation OER AND LICENCES 	Pod Cast/ Audacity		Session Continue (Live demo.)	Q/A and Assignment	<ul style="list-style-type: none"> ❖ Seema ❖ Ashwini ❖ Ashish ❖ Jasbir
4.	<ul style="list-style-type: none"> District Presentation NEP-2020 	Infographics		Session Continue (Live demo.)	Q/A and Assignment	<ul style="list-style-type: none"> ❖ Ritu ❖ Nirmal ❖ Ved Prakash ❖ Prakash
5.	<ul style="list-style-type: none"> District Presentation Cyber Safety 	Mind Map /VUE (Presentation)		Session Continue (Live demo.)	Q/A and Assignment	<ul style="list-style-type: none"> ❖ Seema ❖ Ashish ❖ Harpreet ❖ Deepak

TIME TABLE FOR E-CONTENT DEVELOPMENT : Edu.Tech.Resource Group ORIENTATION
PART-2 (3rd May-7th May 2021)

Day / Time	9:15 – 10:00	10:00 – 11:00	11-11.15	11:00 – 12:00	12:00 – 12:30	Resource Persons (Dr/Sh/Smt)
6.	<ul style="list-style-type: none"> District Presentation 	Blend-Space/ Stop Motion	TEA BREAK	Session Continue (Live demo.)	Q/A and Assignment	<ul style="list-style-type: none"> Kuldeep Harpreet Sanjay Jasbir
7.	<ul style="list-style-type: none"> District Presentation 	Scratch		Session Continue (Live demo.)	Q/A and Assignment	<ul style="list-style-type: none"> Jaswinder Ashwani Arun Harpreet
8.	<ul style="list-style-type: none"> District Presentation CONCEPT & PROGRESS OF DEVELOPMENT 	Prezi/MOOC		Session Continue (Live demo.)	Q/A and Assignment	<ul style="list-style-type: none"> Manoj Kaushik Jaswinder Arun Manoj
9.	<ul style="list-style-type: none"> District Presentation 	Geogebra/ PHeT Simulations		Session Continue (Live demo.)	Q/A and Assignment	<ul style="list-style-type: none"> Jasneet Deepak Manoj Kaushik Naresh
10.	<ul style="list-style-type: none"> District Presentation ICT-PEDAGOGY 	Road map for Phase-2 (District Implementation Plan for teachers training)from District co-ordinators		Feedback from participants	Valedictory	<ul style="list-style-type: none"> Prakash Ritu Nirmal Ved Prakash



**Workshop on
Development of eContent
(Virtual Mode)**

Phase-1

26 April 2021 to 7 May 2021

Organised by

**Educational Technology Wing,
SCERT(Gurugram), Haryana**