

THE SCERT BULLETIN

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From the Director's Desk

Empowering Tomorrow: The Vital Role of Learning Enhancement Programmes in Haryana

As we navigate the ever-evolving landscape of education, it becomes increasingly evident that traditional methods may not suffice in equipping our youth with the skills necessary to thrive in today's fast-paced world. In Haryana, a state rich in cultural heritage and economic potential, the implementation of



Learning Enhancement Programmes (LEPs) stands as a beacon of hope and progress. LEPs serve as catalysts for transformation, bridging the gap between conventional teaching practices and the dynamic demands of the modern era. By integrating innovative learning techniques, personalized mentorship, and holistic development approaches, these programmes nurture talent, creativity, and critical thinking among students across Haryana.

In a state where diversity is celebrated and excellence is pursued fervently, LEPs play a pivotal role in fostering inclusivity and equal opportunities for all learners. By catering to the unique needs and learning styles of each individual, these initiatives ensure that no talent goes unnoticed or untapped. Moreover, the significance of LEPs extends beyond academic success, as they instill essential life skills and values that are indispensable for personal and professional growth. From communication and collaboration to resilience and adaptability, students enrolled in these programmes emerge as well-rounded individuals poised to conquer challenges and seize opportunities. In Haryana's journey towards becoming a knowledge-driven society, LEPs serve as building blocks for a brighter future.

By investing in education and empowering our youth, we not only enrich individual lives but also cultivate a thriving ecosystem conducive to innovation, progress, and prosperity. As we stand at the precipice of a new era defined by rapid technological advancements and global connectivity, the role of LEPs in Haryana becomes increasingly paramount. Through continuous evaluation,

adaptation, and collaboration, we can ensure that these programmes evolve in tandem with the needs and aspirations of our students, laying the groundwork for a resilient and dynamic society. In essence, the importance of Learning Enhancement Programmes in Haryana transcends mere educational initiatives; they embody a vision for a better tomorrow, where every individual is equipped with the knowledge, skills, and values needed to navigate the complexities of the modern world with confidence and competence.

In conclusion, let us embrace the transformative power of Learning Enhancement Programmes in Haryana, recognizing them not only as tools for academic advancement but also as vehicles for social change, empowerment, and inclusive growth. Together, let us embark on this journey towards excellence, leaving a lasting legacy of education and enlightenment for generations to come.

Sunil Bajaj
Director
SCERT Haryana, Gurugram

Workshop on 'Developing Interactive e-Content' under 'Foundational Program for Secondary Students (NEEV)' under EDUSAT-SCERT 2023-24

The constantly changing field of education and technology requires educators and educational approaches to stay updated. We are elevating student learning through interactive videos, assessment tests, and doubt classes. To equip teachers with the necessary skills and knowledge, we have successfully concluded 4 workshops in the AY 2023-24 and the last workshop on March 01, 2024, marking a total of 9 days dedicated

to interactive content development throughout the year. Beginning with the basics of creating interactive videos in the first workshop, we ended the last with collaborative workshop discussions on increasing the quality of content in which teachers actively analyzed each other's content, shared insights, and learned from one another to identify areas for improvement.



To further fuel teacher motivation and growth, we introduced the Star Teacher Program. Currently, we have 24 star teachers, and we recognise their exceptional contributions by providing tools that can help them create content and acknowledge their efforts. This initiative aims to inspire and elevate the teaching community, fostering a culture of continuous improvement within our program.

Training under eContent Development Program, 2023-24:Enriching high-quality digital content repository for DIKSHA

SCERT Haryana, the nodal agency for DIKSHA and EDUSAT Haryana, is working on Teacher Professional Development in areas of digital content development, online Teaching Learning resources and online courses. Based on CIET-NCERT's SRG orientation, team Haryana prepared a State eContent development plan 2023-24. This program is important and intended to prepare more than 2500 teachers and trainers, in skills of eContent Development. All these teachers will join the existing Content creator team of SCERT Haryana and contribute to the State Repository of Open Educational Resources (SROER)

In continuation of this, Educational Technology wing organized a workshop of Batch-1 and Batch-2 in Feb month. In the month of March Batch 3 was organized from 11-03-2024 to 15-03-2024. Total 18 participants from Sirsa, Yamunanagar, Kaithal, Panchkula, Ambala, Hisar, Rohtak, Charkhi Dadri and Kurukshetra attended this workshop.

Following topics/sessions were covered -

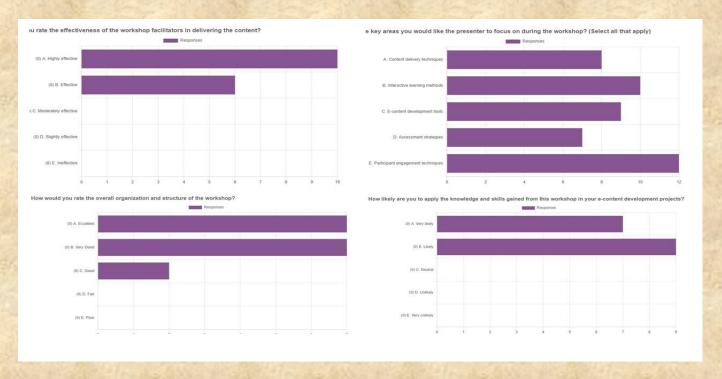
- ICT integrated Pedagogy
- Script Writing and Evaluation of videos
- Video Recording
- Online Assessment
- Presentation skill
- Infographics
- Video Editing
- Video Recording and Discussion by participants
- OER and Licenses
- Cyber Safety
- Creation of interactive Video





Total 11 Practical Sessions, 7 Hands-on sessions were scheduled and District presentation was also conducted in the morning session every day. Pre-test, assignments, learnings, post-test and feedback were conducted on SCERT LMS Portal. 78 participants were provided participation certificates in all 3 batches.

Some Feedbacks



eContent Development program at District/Block level

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 the 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, the Educational Technology wing has created District Resource Groups (DRG) through five days training at SCERT during Feb 2024- March 2024.

The follow up of this program is extended at District level and it is intended to prepare than 6000 DIET more Faculty/PGT/TGT and trainers, skills of in **eContent** Development, in the year 2023-24. All these teachers will join the existing e-content creator/reviewer team of SCERT Haryana and contribute to the State Repository of Open



Educational Resources (SROER). DIETs have started eContent development workshops in concerned

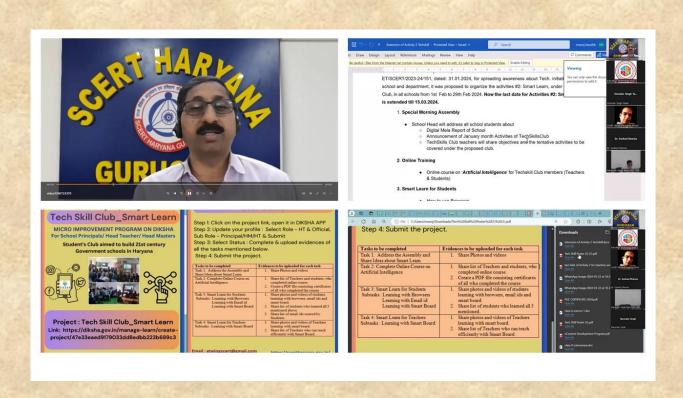
districts from **26.03.2024** with the target of 50 participants per block. The following districts have completed training from **26.03.2024** - **30.03.2024** - Sonipat, Rohtak, Rewari, Gurugram, Faridabad, Yamunanagar, Panipat, Fatehabad, Kurukshetra, Mahendragarh, Nuh, Sirsa. Pre-tests, Assignments, feedback and Post-tests are maintained on SCERT LMS portal.

Online Monthly Meeting of DIET ET Wings

As an ongoing practice of monthly monitoring & review aimed at the strengthening of DIET, on dated **22.03.2024** an online monthly review meeting with ET wing officials of all the DIETs was organized on the following agenda:

- eContent Development Program
- TechSkills@school Program
- ♦ M&E LEAD Program
- ❖ Internet LeaseLine
- Zoom Subscription Status
- Monthly Report

Concerned wing members (ET) attended the meeting with relevant information and records. All DIETs shared issues and best practices of concerned districts.



Tech Skill Club-Smart Learn: Micro Improvement Program (MIP) on DIKSHA

In the month of March, MIP was created, uploaded on DIKSHA and this MIP was made live on 20th March 2024. School has to complete the following tasks:

- 1. How to use Browser (for Students)
- 2. How to create Email ID (for Students)
- 3. How to use Smart Board effectively ((for teachers) and upload all the artifacts/evidence and submit the given project on DIKSHA.

Last Date of Submission of MIP on DIKSHA was extended to 15th April 2024. Total 1190 schools were enrolled on DIKSHA. District wise, block wise and school wise reports have been shared during this project period. This MIP can be accessed in DIKSHA App on mobile through link:

https://diksha.gov.in/manage-learn/create-project/47e33eaed9179033dd8edbb223b689c3

Research Studies:-

- 1. "Status & Effectiveness Survey of Toy Based Pedagogy in Government Schools of Haryana":- Data collected and received from 13 districts. Data entry of the same is being done.
- 2. "A Study on Status of Early Childhood Care Centres in Haryana":-Data cleaning is in progress. The data entry is complete.

3"Effectiveness of IED Centres in Government Schools of Haryana":-

The Report Writing of this study is now complete.

4. **Department of Higher Education:-** Correspondence for strengthening of research activities in the State.

Action Research:-

Action Research in PM Shri Schools under LEP :-

Coordination with DIETs to compile, complete and prepare the Action Research reports of their respective districts. The same is to be mailed to HSSPP and to REAP Cell SCERT.

Special Tasks:-

1. Commission for Air Quality Management New Delhi:-

To improve the air quality of the NCR region, the CAQM takes a monthly review meeting regarding greening plantation of NCR region. This information of greening plantation of the School Education Department Haryana for the session 2023-24 has been compiled on the basis of information provided by the DEOs of the 14 NCR districts and duly mailed. Also the Action Plan 2024-25 has been compiled, prepared and duly sent.

Miscellaneous:-

1. As participant in the National Consultative Meet on SDG 4.7 held at NCERT New Delhi from 11.03.2024 to 13.03.2024. Here a presentation for implementation of SDG 4.7 in Haryana was given, a questionnaire filled & submitted and submission of a report too was done.

- 2. Creation of login id for SCERT faculty on Enlist.
- 3. Jury member at State Level Science Exhibition INSPIRE.
- 4. PPT prepared for review meeting by ACS School Education.
- 5. Attended meeting at CAQM New Delhi regarding greening plantation in the NCR districts on 12.03.2024.

Meeting with Board Officials at Bhiwani

Science Wing Head Mrs. Poonam Yadav and Subject Specialist Dr. Sanjay Prakash Kaushik attended one day meeting organized by BSEH Bhiwani under the chairmanship of Dr. V.P. Yadav (Chairman, BSEH) on 1st of March 2024 at Bhiwani. Various subject experts from the state also attended the meeting. The main agenda of the meeting was review of curriculum and its alignment as per NEP 2020. The participating SCERT members put forward their point of view about the agenda.

DSS Monthly Meeting

Monthly meeting for Feb - Mar of District Science Specialists was organized on 11th March 2024. The meeting was chaired by Mrs. Poonam Yadav, Head Science Wing, SCERT. The issues discussed during the meeting were organization of SLEPC and pending UCs for Block & District Level Rashtriya Bal Vaigyanik Pradarshni. Science Wing Subject Specialists Dr. Sanjay Prakash Kaushik & Dr. Jyoti Arora thanked everyone for their time bound execution of the Block and District Level Science Exhibition.



Meeting at NCERT for ESD

Science Wing Head Mrs. Poonam Yadav along with Subject expert Dr. Shivani Kaushik from REAP Cell attended 3 days' workshop at NCERT New Delhi from 12th to 14th March. The meeting was organized by NCERT and the main motto of the meeting was to highlight various initiatives of states on SDG 4.7 i.e. Education for Sustainable Development (ESD). The above team from Haryana put forward the state presentation witnessing the initiatives of Department of School Education in reference to ESD. The presentation was highly admired by the NCERT officials and other State Officials.



Organization of State Level Exhibition and Project Competition (SLEPC)

The SLEPC for AY 2022-23 was conducted on 14th & 15th March 2024 for all the winners of DLEPC. The 37 participants from various districts participated in the SLEPC and submitted their exhibits for the evaluation. The two Subject Experts Dr. Jyoti Arora (Science Wing) & Dr. Shivani Kaushik (REAP Cell) from the SCERT along with one official from National Innovation Foundation (NIF) evaluated the exhibits. The 6 students were selected for the National Level Exhibition and Project Competition (NLEPC) to be held in coming months. The 329 ideas from the state were selected by Department of Science & Technology for the year 2022-23 and were awarded with a scholarship of Rs 10000 each to develop the exhibit showcasing the submitted ideas. It is also being informed that this year for financial year 2023-24 a total of 714 students are selected for INSPIRE Award Manak and are provided with scholarship of 10000 for the same.

Annual Assessment focusing on Life Skills in selected schools from Gurugram and Panchkula Districts

In the month of February & March 2024 Assessment wing was engaged in the Annual Assessment related activities. During these months, we had conducted Annual Assessment from classes 4 to 8 in all government schools of Haryana. Additionally, for the first time, the Assessment Wing carried out an Annual Assessment focusing on Life Skills in selected schools from Gurugram and Panchkula Districts.

This program is run by the council in the respective districts with the help of an NGO named" Magic Bus" in collaboration with the Haryana School Shiksha Pariyojna Parishad (HSSPP). On February 9th, 2024,

members of the T&A Wing conducted validation procedures for the assessment tools, followed by a meeting on February 13th, 2024 with the Magic Bus team to provide feedback and validate the assessment tools further.



Finalization of updated content in Learning Collaterals (Teacher Manuals and Student's Workbooks) for Grades 6th to 8th under UDAAN

(Learning Enhancement Program)

To meet the expected standards of quality and effectiveness of Udaan in improving competency based education for grade 6th to 8th, after review and updation of content through a series of workshops in offline mode in February month 2024. In continuation, three workshops were conducted in an online mode, ensuring accessibility for all participants.

In addition to updating the TLM, a new Teaching Learning Cycle has been introduced to embed competency-based education in all phases of the classroom. Some key highlights of the new cycle:

- a) Creation of a Teaching Learning Cycle focused on competency-based education.
- b) Implementation of competency-based remedial teaching to ensure students master prerequisite competencies.
- c) Increase emphasis on in-grade lesson competencies to enhance overall learning outcomes.



d) Introduction of assessments with 100% competency-mapped questions to identify and address weak competencies.

e) Provision of mentoring in schools to support teachers in implementing competency-based education effectively.

These updated materials both student workbook and teacher manual have been shared with the department.

Development of the Textbooks of Mathematics for Class 1 in Full Swing

Content development work of Class 1 Mathematics Textbook (Anandmayi Ganit) is in full swing. The content being developed is based on NEP-2020 and NCF-FS 2022. The basic principles of curricular and pedagogical aspects of NCERT books are being used. The subject experts are working very hard to create the content material which is based on 4 block approach.



ई-कंटेंट प्रशिक्षण शिविर में अध्यापकों ने सीखी ऑनलाइन क्विज तथा वीडियो एडिटिंग

हरिभूमि न्यूज 🕪 रोहतक

डाइट प्राचार्य वीरेंद्र मिलक के निर्देशन में चलाए जा रहे पांच दिवसीय ई-कंटेंट डेवलपमेंट प्रशिक्षण शिविर में वीरवार को महम तथा सापला ब्लॉक के विभिन्न स्कूलों से आए अध्यापकों को क्विजी एप पर ऑनलाइन रोचक किवज बनाने तथा लाइव क्विज करवाने के बारे में विस्तार से समझाया गया। सभी प्रतिभागियों को काईनमास्टर तथा वीडियो एडिटिंग की विस्तृत जानकारी दी गई। विरष्ठ डाइट प्रवक्ता डॉ. भूपेंद्र सांगवान ने बताया कि आईसीटी आधारित इस प्रशिक्षण का उदेश्य



सभी अध्यापकों को सूचना एवं प्रौद्योगिकी के विभिन्न पहलुओं से अवगत करवाना तथा ई-कंटेंट बनाने एवं प्रयोग करने संबंधी जानकारी देना है। प्रशिक्षण शिविर 30 मार्च तक चलेगा, जिसके ओवरऑल इंचार्ज डाइट प्रवक्ता डॉ. जितेंद्र सिवाच हैं। प्रशिक्षण शिविर में मास्टर ट्रेनर की भूमिका डॉ. आरती, डॉ. अलका मदान, अनिल कौशिक तथा डॉ. उर्मिला ने निभाई। डाइट की तरफ से प्रवक्ता कुलवीर, सुमन और मनजीत आदि मौजूद रहे।

पांच दिवसीय ई-कटेंट डेवलपमेंट प्रशिक्षण कार्यक्रम का प्रशिक्षण जीएमएसएसएस-१ नूह में सफलतापूर्वक संपन्न

नूंह (शौकीन कोटला) 30 मार्च : एससीईआरटी गुरूग्राम हरियाणा के अनुपालन में श्री सुखबीर तंवर डीईईओ सह प्राचार्य डाइट मालब नूंह के निर्देश एवं मार्गदर्शन में नृंह जिले के ब्लॉक के पीजीटी/टीजीटी विज्ञान के 05 दिवसीय ई-कंटेंट डेवलपमेंट प्रशिक्षण कार्यक्रम का प्रशिक्षण जीएमएसएसएस-1 नूंह में सफलतापूर्वक संपन्न हुआ। श्री सखबीर तंवर ने प्रशिक्षण सत्रों का दौरा किया और निगरानी की, प्रशिक्ष्ओं से प्रश्न पूछे गए जिनका संतोषजनक उत्तर दिया गया और सभी को प्रशिक्षण को स्कूलों में जमीनी स्तर पर लागू करने के लिए प्रेरित किया गया। श्रीमती विजय लक्ष्मी यादव, मोहम्मद रमजान वरिष्ठ व्याख्याता, डॉ. प्रमोद कुमार और श्री जितेंद्र



सिंह डाइट व्याख्याताओं ने प्रशिक्षण सत्रों का मार्गदर्शन और समर्थन किया। डॉ. प्रमोद कुमार डाइट संकाय, श्री रिव पीजीटी भूगोल, श्री राकेश पीजीटी रसायन विज्ञान, श्रीमती भावना, श्री संदीप कुमार, श्री सुनील कुमार आदि ने प्रशिक्षण कार्यक्रम के लिए संसाधन व्यक्तियों के रूप में कार्य किया। आईसीटी आधारित शिक्षाशास्त्र, साइबर सुरक्षा और सिक्योरिटी, कैनवा, प्रेजेंटेशन (प्रीजी), पावरपाइंट,

पीएलआईओ पर सत्र। काइन मास्टर, पावर डायरेक्टर, ओईआर और लाइसेंस, वीडियो एडिटिंग, ओपनशॉट, स्टॉप मोशन आदि प्रतिभागियों ने सभी सत्रों में सक्रिय रूप से भाग लिया और प्रतिभागियों द्वारा व्यावहारिक अभ्यास किया गया। समापन समारोह में, प्रशिक्षुओं के बीच प्रमाण पत्र वितरित किए गए। अंत में, कार्यक्रम समन्वयक डॉ. प्रमोद कुमार ने उपस्थित सभी लोगों को धन्यवाद दिया।

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डाइट कुरुक्षेत्र में 5 दिवसीय ई-कंटेन्ट प्रशिक्षण शिविर का हुआ समापन



डॉ. राजेश वधवा

कुरूक्षेत्र। डाइट कुरुक्षेत्र की प्राचार्या संतोष शर्मा के निर्देशन में शैक्षिक तकनीकी विंग द्वारा आयोजित पांच दिवसीय ई-कंटेंट डेवलपमेंट प्रशिक्षण शिविर में थानेसर ब्लॉक के विभिन्न स्कूलों से आए अध्यापकों ने भाग लिया। प्रशिक्षण शिविर का आयोजन 26 से 30 मार्च 2024 तक किया गया। प्रशिक्षण शिविर की संयोजिका शैक्षिक तकनीकी विंग इंचार्ज अपर्णा वरिष्ठ प्राध्यापिका ने बताया की इस शिविर के माध्यम से अध्यापकों को क्विजी ऐप पर ऑनलाइन रोचक क्विज बनाने तथा लाइव क्वीज करवाने के बारे में विस्तार से समझाया गया। सभी प्रतिभागियों को काइन मास्टर, कैनवा, वीडियो एडिटिंग, साइबर सुरक्षा, प्रेजी आदि मोबाईल तथा कंप्यूटर आधारित ट्रल्स की विस्तृत

गई तथा जानकारी दी अभ्यास भी करवाया गया। डाइट के वरिष्ठ प्राध्यापक जसविंदर सिंह ने बताया कि आईसीटी आधारित इस प्रशिक्षण का मुख्य उद्देश्य सभी शिक्षकों को सूचना एवं प्रौद्योगिकी के विभिन्न पहलुओं से अवगत करवाना है। इसके साथ ही कंटेंट बनाने एवं प्रयोग करने संबंधी जानकारी देना है ताकि शिक्षण अधिगम प्रक्रिया को अधिक सहज व प्रभावशाली बनाया जा सके। प्रशिक्षण शिविर में वरिष्ठ प्राध्यापक जसविंदर सिंह, धर्मेंद्र, डॉ. रघ्वीर तगेजा, डॉ. संदीप कुमार एवं मोहित वत्स ने मास्टर टेनर के रूप में महत्वपूर्ण भूमिका निभाई। कार्यक्रम में थानेसर के विभिन्न विद्यालयों से 45 अध्यापकों सहित डाइट क्रुक्षेत्र से श्री विद्याधन, डॉ. रामगोपाल, डॉ. संजीव कुमार, जयदेव आर्य, डॉ. श्याम चरण, सोनिया अग्रवाल, डॉ राजेंद्र सिंह ने भाग लिया।

डाइट गुरुग्राम में पांच दिवसिय ई- कंटेंट डेवलपमेंट प्रशिक्षण शिविर हुआ सम्पन्न





गुरुग्राम, राजधानी संदेश,गौरव गर्ग । डाइट क्षेत्र गुरुग्राम से वरिष्ठ प्रवक्ता सरीना कुमार, सोना प्रभावशाली बनाया जा सके। कार्यक्रम में डाइट विजन को धरातल पर साकार किया जा सके।

गुरुग्राम के प्राचार्य जितेन्द्र कुमार के निर्देशन में यादव, मुकेश कुमार, अनिल यादव, सुनीता एवम शैक्षिक तकनीकी विंग द्वारा आयोजित पांच वरुण ने विशेष रूप से योगदान दिया। प्रशिक्षण दिवसीय ई-कंटेंट डेवलपमेंट प्रशिक्षण शिविर में शिविर में खंड फर्रूखनगर से एबीआरसी प्रियंका, गुरुग्राम के विभिन्न सरकारी विद्यालयों से आए 50 सुमित्रा, अनुराधा शर्मा, दिव्या शर्मा और खंड अध्यापकों ने भाग लिया | प्रशिक्षण शिविर का गुरुग्राम से प्रवक्ता अर्चना अरोड़ा, रेखा कादयान, आयोजन 27 मार्च से 1 अप्रैल 2024 तक किया रुचिका,रचना एवं सतीश कुमार ने मास्टर ट्रेनर के गया | प्रशिक्षण शिविर की संयोजिका शैक्षिक रूप में महत्वपूर्ण भूमिका निभाते हुए प्रतिभागियों तकनीकी विंग इंचार्ज एवम डाइट प्रवक्ता रश्मि को क्विज़ी ऐप पर रोचक ऑनलाइन क्विज़ पंवार ने बताया कि आईसीटी आधारित इस बनाने, काइनमास्टर, कैनवा, वीडियो एडिटिंग, प्रशिक्षण का मुख्य उद्देश्य सभी शिक्षकों को सूचना ओपन ब्रॉडकास्ट सॉफ्टवेयर, साइबर सुरक्षा, प्रेजी एवं प्रौद्योगिकी की विभिन्न पहलुओं से अवगत आदि मोबाइल तथा कंप्यूटर आधारित ट्रल्स की करवाना है और इसके साथ ही कंटेंट बनाने एवं विस्तृत जानकारी दी तथा साथ ही कंप्यूटर पर इन प्रयोग करने संबंधी जानकारी देना है ताकि शिक्षण सभी ट्रल्स का अभ्यास भी करवाया गया ताकि अधिगम प्रक्रियाओं को अधिक सहज व नई शिक्षा नीति 2020 के डिजिटल भारत के