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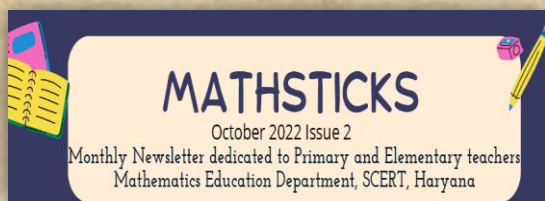
Development of Grading System for Yoga

New education policy brought new hope for Yoga as a subject. Understanding the need and importance of Yoga in the life of students, Haryana state has decided to include Yoga in school curriculum immediately from this very year. Next and more important thing was to evaluate yoga and show it in student's report cards. Teacher and Assessment wing at SCERT has developed and formulated a grading system which is based on the descriptive cues to reflect the internal assessment of Yoga education curriculum in the report card. Academicians and scholars from all over the state assembled here to *deliberate and* analyze various aspects of this newly developed five point grading system and gave their inputs. The system was then finalized after inculcating these ideas and inputs. Yoga Assessment contains two parts- Activity based Practical Assessment and Oral theoretical Assessment. Various rubrics have been developed and included in the report card to assess both the practical and theoretical aspect for class 1 to 8.

Successful Curation and Distribution of Half Yearly Assessment Papers by SCERT, Haryana

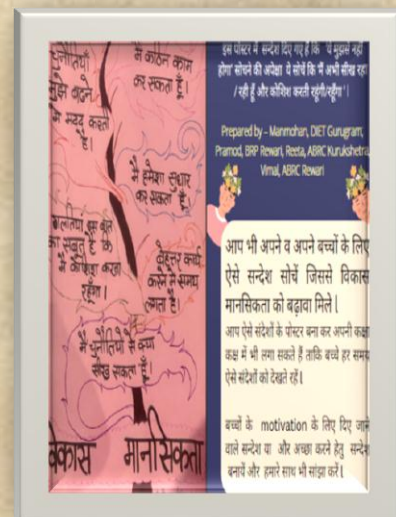
The month of October is a crucial time in an academic year as it brings about the half yearly assessment - a mid-year evaluation for students to learn their weaknesses and prepare better for their finals. Approximately 14 lac students across 5785 state-run schools in 22 districts of Haryana appear for these exams. The responsibility of curating the most effective question papers thereby ensuring maximized learning of each student falls on SCERT each year. Like past years, this year too we received two sets of question papers for each subject of all the classes which are prepared by the selected teachers teaching in various schools. These question papers were then moderated by the subject experts. Best and most suitable questions were selected to ensure the consistency of question papers within the framework of the syllabus. It also ensured that weightage within the designated syllabus was appropriate and conformed to the blueprint. After a rigorous process of shortlisting questions on the basis of syllabus and weightage of topics, a total of 171 question papers were produced across all subjects and grades. These question papers were then copied onto password protected CDs with utmost care to ensure secrecy. Representatives from DEOs and DEEOs collected these passwords protected CDs in sealed envelopes and distributed in a timely fashion. We are happy to report that Testing and Assessment Wing SCERT, as always, took all precautions to ensure an error free conduction of examination across the State.

Release of 2nd Issue of 'Mathsticks' a Monthly e-newsletter for Mathematics



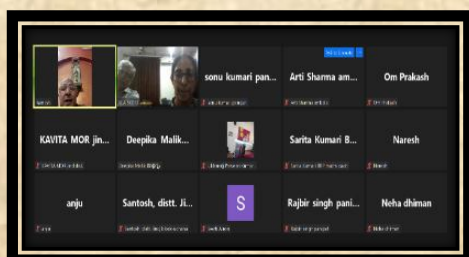
The second issue of 'Mathsticks' the Monthly Newsletter which is prepared by Mathematics Education Department was released and disseminated to DIETs and

Schools. The mathematics newsletter is envisioned to inspire, educate and empower teachers of mathematics and to transform the latest research on Mathematics learning into accessible and practical forms. To achieve this objective, each issue of the e- newsletter would mainly comprise of important research work in the field of Mathematics Education, open ended tasks, Puzzles, teachers' reflections and their classroom experiences.



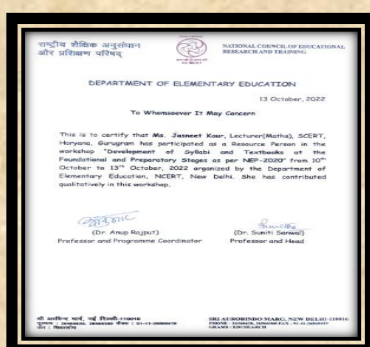
Weekly Online Sessions on Continuous Professional Development in Mathematics for BRPs and ABRCs.

Department of Mathematics Education conducts weekly online sessions (every Friday) to inspire, educate and empower mathematics teachers, to convert the latest research on mathematics learning into accessible and practical forms and to implement the recommendations given by NCF, 2005 and NEP 2020, for sustainable professional development of BRPs, ABRCs.



This month, the focus of the online sessions was to develop pedagogical content knowledge with a focus on algorithms. Further, BRPs and ABRCs were asked to discuss with teachers, the reasoning for unfolding the process of standard method of multiplication and also how multiplication must be connected with number flexibility.

Participation in NCERT Workshop on 'Development of Mathematics Syllabi and Mathematics Textbooks at the Foundational and Preparatory Stage as per NEP-2020'



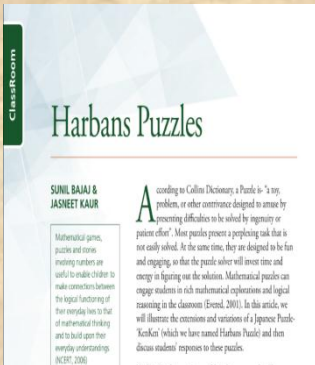
NCERT New Delhi organized a workshop to develop National level Mathematics Syllabus for Foundational Level from 10th October to 13th October. Faculty from Mathematics Department got an opportunity to participate in the workshop. Around 20 resource persons from every corner of the country were invited to the workshop. It was a diverse team of researchers, teachers, teacher educators, special educators and school principal. Research-based work and intensive discussions were done by the team.

Promoting Art Integrated Learning and Pedagogy in Mathematics

Faculty of SCERT Haryana got an opportunity to develop secondary school 'Mathematics Exemplars' based upon Art Integrated Pedagogy under the guidance of Prof. Pawan Sudhir, Head of the Department of Education in Arts and Aesthetics, NCERT New Delhi. The purpose of developing such exemplars was to

support the National level AIL Guidelines Document from the Field based experiences of the practitioners. Practitioners from the other renowned schools such as Delhi Publica School also contributed for different Subject based exemplars.

‘Harbans Puzzle’



Harbans Puzzle is an extension of the KenKen Puzzles. It is an innovation by Mr. Sunil Bajaj and other faculty members from the Mathematics Department at SCERT Haryana. Harbans Puzzle has been documented in the form of a research article and selected for the November Issue of Right Angles Magazine. This is a magazine (with an ISSN number) for school mathematics published by Azim Prem Ji University in collaboration with Community Mathematics Centre, Rishi Valley. It is useful for people with interest in K- 12 mathematics education, curriculum developers and teacher educators.

Representation at National Resource Group (NRG) for FLN

NIPUN Bharat Mission is a strategic initiative by the Ministry of Education to create an enabling environment for ensuring universal acquisition of foundational literacy and Numeracy. In this regard, Mr. Sunil Bajaj, Deputy Director and additional Head of the Mathematics Education department has been appointed as a member of the NRG for the hand holding of States and UTs level Academic task force to work towards this mission.



विद्यालयों में मनाया गया: गाँधी जयन्ती सप्ताह

राज्य शैक्षिक अनुसंधान एवं प्रशिक्षण परिषद के निदेशक श्री विवेक कालिया के मार्गदर्शन में परिषद के भाषानुभाग के दिशा-निर्देशानुसार हरियाणा राज्य में स्थित सभी डाइट्स द्वारा अपने-अपने जिले के सभी विद्यालयों में विभिन्न गतिविधियों के माध्यम से 1-7 अक्टूबर तक गाँधी जयन्ती सप्ताह का आयोजन किया गया। उक्त कार्यक्रम का उद्देश्य बच्चों को परिवेशगत जानकारी देने के साथ-साथ परम्परागत व्यवसाय से जुड़ने का अवसर प्रदान करना है। बच्चों को अपनी प्रतिभा को प्रदर्शित करने का अवसर प्रदान करना व सृजन/रचना कौशल का विकास करना है। सप्ताह के दौरान समाज की आवश्यकताओं के अनुरूप परिवेश आधारित व्यवसायपरक विभिन्न गतिविधियां करवाई गई बच्चों द्वारा हस्तनिर्मित वस्तुओं की प्रदर्शनी लगाई गई। विजेता प्रतिभागियों को प्रमाण पत्र देकर उनका उत्साहवर्धन किया गया। विद्यालयी स्तर से इस प्रकार की गतिविधियों के दौरान अर्जित ज्ञान भविष्य में रोजगार व आजीविका का साधन बन जाता है जिससे स्वयं तो बच्चा आत्मनिर्भर होता ही है, साथ ही समाज की आवश्यकताओं के अनुरूप जुड़कर आत्मनिर्भर भारत के उद्देश्य को भी साकार किया जा सकता है।

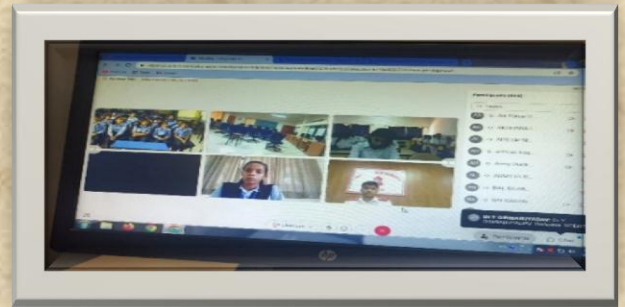


वीरगाथा प्रोजैक्ट 2.0

आजादी का अमृत महोत्सव की निरंतरता में वीरगाथा प्रोजैक्ट 2.0 के अंतर्गत रक्षा मंत्रालय भारत सरकार द्वारा दिनांक 14-10-2022 को एक वेबीनार का आयोजन किया गया, जिसका उद्देश्य भारत के सभी राज्यों से विद्यार्थियों को 'वीरता पुरस्कार' संबंधी प्रश्न पूछने का अवसर उपलब्ध कराना था। एस0सी0ई0आर0टी0 हरियाणा, गुरुग्राम से परिषद् के भाषानुभाग द्वारा रक्षा



मंत्रालय भारत सरकार के पत्रानुसार राज्य के सभी विद्यालयों से इच्छुक विद्यार्थियों को 'वीरता चक्र' से संबंधित प्रश्नों के साथ अपना विवरण भेजने का निर्देश दिया। वेबीनार में आमंत्रित सदस्यों में श्री आशुतोष काले, श्रीमती ऋतु पांडे व श्री अजय सिंह चौहान उपस्थित थे, जिन्होंने बच्चों द्वारा पूछे गए सभी प्रश्नों का उत्तर देते हुए उनका उत्साहवर्धन किया। एस0सी0ई0आर0टी0 हरियाणा, गुरुग्राम से परिषद् के भाषानुभाग के सभी सदस्यों ने प्रतिभागिता की। श्री आशुतोष काले ने बताया कि उक्त कार्यक्रम के अंतर्गत विद्यार्थियों को **My Govt. Portal** पर अपना रजिस्ट्रेशन कराना होगा, रजिस्ट्रेशन उपरांत उन्हें एक युनिक आई0डी0 और पासवर्ड दिया जाएगा। प्राप्त युनिक आई0डी0 के माध्यम से अपनी प्रविष्टि **upload** करनी होगी। दिनांक 14-10-2022 को आयोजित वेबीनार के अंतर्गत देश के सभी राज्यों से 760 विद्यालयों ने वेबीनार से जुड़कर अपना ज्ञानवर्धन किया। हरियाणा राज्य से भी 45 विद्यार्थियों ने वेबीनार से जुड़कर अपनी-अपनी शंका का निवारण किया।



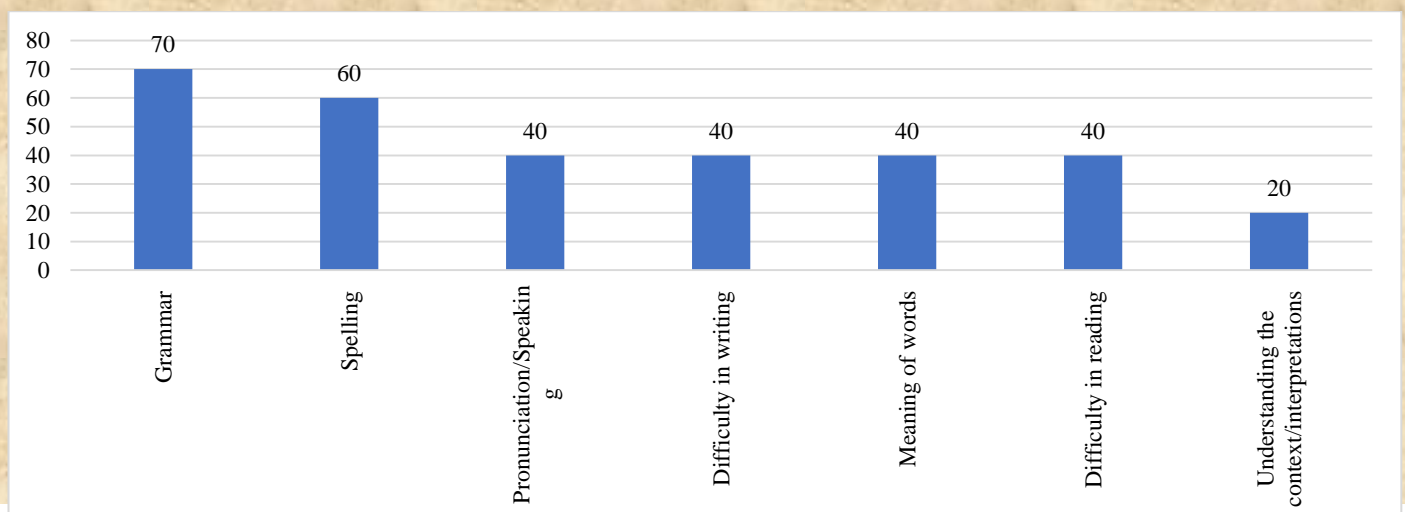
Dipstick Study on Low Performance of Class 3 Govt. School Students of Mahendergarh in Language (As per NAS 2021) (Report submitted to NCERT)

A Synopsis of the conclusion

In this study, efforts were made to know about the uses of TLM & activities in the language teaching. Most of the teachers did not use TLMs and also there was shortage of kits. Activities were not included in the teaching process and this impacted the learning of students. Parents stated that the time invested in home learning was minimum. Students were less involved in the online mode of teaching due to poor technological support.

Suggestion:-

1. Teaching material should be made more colorful and interesting.
2. More emphasis on reading skills of Hindi is required.



Dipstick Study on “Coffee with the DC” – in District Kaithal (an ongoing study)

- Orientation of the surveyors of DIET Kaithal was done for the study
- Tool Training was conducted online for the surveyors
- Survey rollout from 11 to 18 October 2022 (Survey is now complete).
- Data Entry is complete and data cleaning is in process

UDAAN Baseline Survey: -

- Data cleaning done, sorting of table with respect to each class & each subject
- Identified teaching patterns with respect to each class & each subject

A Study on the Comparison between the Curriculum of the Three Boards CBSE, ICSE & HBSE

- Piloting the final format for curriculum comparison, in Google form.
- Comparative Study of the Physics curriculum of class 12 in all the three boards has been completed.

District Wise Comparison between the Result of 2017 & 2021 under NAS

- The district wise comparison has been done by the DIETs of each district.
- Reports for 22 districts have been generated and compiled.

INSPIRE Award MANAK 2022-23

Nominations for 2022-23 **INSPIRE Award MANAK** one of the flagship programs of Department of Science and Technology, Govt. of India were open till 15th October 2022. All schools whether private or government, submitted a maximum of 5 ideas/innovations given by students of class 6th to 10th. As a result of exceptional efforts by state and district nodal officers and teachers, the total count of nominations for Haryana state has reached 6925 this year. Selected ideas will get an amount of Rs. 10000/- each.

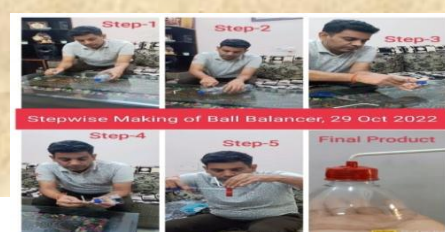
Ambala	295
Bhiwani	212
Charkhi Dadri	90
Faridabad	402
Fatehabad	536
Gurugram	473
Hisar	856
Jhajjar	227
Jind	435
Kaithal	113
Karnal	299
Kurukshetra	166
Mahendragarh	301
Mewat	542
Palwal	255
Panchkula	312
Panipat	254
Rewari	209
Rohtak	303
Sirsa	273
Sonapat	189
Yamunanagar	183
Grand Total	6925

3 Days MT Training Programme on Honing of Lab Skills

3 days residential training on honing of lab skills for senior secondary teachers was organized at SCERT Haryana, Gurugram. 132 teachers participated in the training program. 44 MTs each from Physics, Chemistry and Biology were trained in practical and lab skills. These Master Trainers will further impart this training in their respective districts.

Nano-kit Development

As a part of series in the development of Nano-kit based on low cost / no cost Science models, the wing members have designed **Ball Balancer**. It shall be very helpful for the students to understand the balancing concept.



United Nations World Geospatial Information Congress

Science Wing, SCERT Haryana shortlisted the project of Sh. Shailesh Kumar PGT PHYSICS GSSS LEGHAN, BHIWANI for the conference held at Hyderabad, from 10th -14th October 2022. The theme of project was - “Geo-Enabling the Global Village: No One Should Be Left Behind” (SDG -2). This project achieved **second position**. It is based on the significance of Kisan Credit Card in sustainable agriculture. The project has also been selected for display on DST, Delhi Govt. of India portal.

Link of concerned video (https://youtu.be/m4h0r84_B0o).

Bharati Vidyapeeth (Deemed to be) University, Institute of Environment Education and Research, Pune
in cooperation with
ESD Expert Net, India and Engagement Global, Germany and Department of Science and Technology, Government of India
is organizing a
Workshop on
“Change projects for Sustainability in Schools : A Geospatial Approach”
from 25th August, 2022 to 27th August, 2022 at BVIEER, Pune

State Science Drama Contest

The State-Level Science Drama Contest - 2022 was organized on 28th October at SCERT Haryana Gurugram. This event was organized collectively by SCERT Haryana and National Science Centre (Ministry of Culture, GoI) New Delhi. The chief Guest for the Day was Dr Raj Mahrotra, Senior Curator, National Science Centre, New Delhi. The jury members were Prof (Dr). Shashikant Gupta from G. D. Goenka University, Sohna, Dr. Lokesh Sharma, Assistant Professor form Govt. Girls P. G. College, Gurugram and Siddharth Khanna from CCRT. A total of 22 teams participated in the event. First position was attained by team from O. P. Jindal Modern School, Hisar. Zee Litera Valley School Bhiwani stood second & Government Model Sanskriti Senior Secondary School Narnaul secured third position. The best actor award was given to participant from O. P. Jindal Modern School & best actress was given to participant from Government Senior Secondary School, Jagadhari. Best Script Award was given to Government Modal Sanskriti Senior Secondary School, Narnaul and Best Direction Award was given to Zee Litera Valley School Bhiwani.



This science drama contest was organized initially at block and district level in the month of September. Top two teams from State Level will participate in Northern India Science Drama, to be held at New Delhi soon. The entire programme was streamed live on YouTube. The program ended with vote of thanks by Science Wing In charge Dr. Suman Sharma. Director Sh. Vivek Kalia congratulated the entire staff of SCERT for the wonderful event.

NAS-2021: Dissemination of State & District Reports and Preparation of Intervention Plan

National Achievement Survey 2021 Report was disseminated on a massive scale among DIET Principals, Faculty Members, DPCs, APCs, BRPs and ABRCs under the guidance of Sh. Vivek Kalia Director SCERT. Two workshops were organized– one for DIETs and another for DPCs-APCs, for dissemination and brain storming to formulate the intervention plan.

First meeting was organized on 7 October, 2022 to apprise DIET Principals & DIET Faculty regarding the NAS-21 report under the chairmanship of Worthy Director SCERT. NAS report was presented by the State NAS Coordinator Ms Tanu Bhardwaj. Subject specific intervention plan was also presented by the SCERT faculty. Another meeting was organized on 21 October, 2022 with all DPCs and APCs wherein NAS-21 Report was disseminated to ensure its reach to a broad spectrum that would include all the teachers.

Currently, all DIETs are working to formulate the district-specific intervention plan to bridge the learning gaps identified during the survey. Curbing grassroot level problems of students to eliminate learning gaps by reaching all school teachers in the first place, is what is looked forward to.

The National Achievement Survey (NAS) is a national level large-scale assessment conducted to obtain information about the learning achievement of students of classes 3, 5, 8 and 10. It is a national representative survey that provides a system level reflection effectiveness of school education. NAS-2021 was a *competency-based* assessment. It was conducted in Language, Mathematics & EVS for class 3 and 5. For class 8 and 10, it was conducted in Language, Mathematics, Science, Social-Science, MIL and English.

Online Experiential Learning Program-STAM, Phase 2 (Physics)

Experiential learning entails a hands-on approach to learning that moves away from the teacher at the front of the room imparting and transferring their knowledge to students. It makes learning an experience that moves beyond the classroom and strives to bring a more involved way of learning. SCERT Haryana Gurugram is committed to promote the hands-on learning experience among students through teachers and master trainers. These trainings will include low cost/no cost and easily available materials around us.



Phase-2 of the program was organized for Physics teachers across the state from 18th- 20th October 2022. 112 teachers actively participated in the program while innovative presentations were done by selected resource persons. Participants demonstrated their real-life experiences acquired inside and outside classrooms. All resource persons and teachers were awarded e-Certificates by Director Sh Vivek Kalia.

Digital Mela in 101 Schools of Gurugram

To check the effectiveness of digital devices in Teaching Learning, an action research has been taken up by Educational Technology wing of SCERT Haryana in 101 schools of District Gurugram. All the school heads, teachers, ABRCs and BRPs have been oriented regarding Digital Mela. The purpose of this digital mela is to make parents and the community aware of the use of mobile phone in education. Digital Mela started on 13th October, 2022 and will continue till 30th November, 2022. 200 best performing students



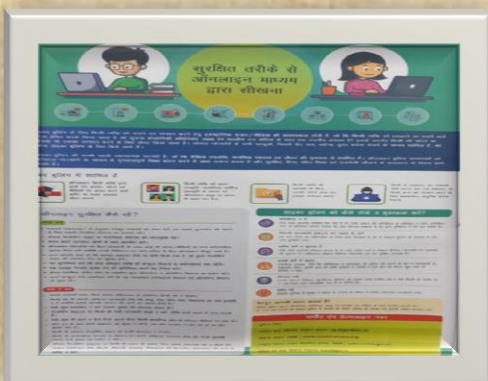
from each school, 12 top students from each block, 6 top students from districts, 8 best teachers from blocks 4 best head teachers and 4 best ABRCs/BRPs will be awarded at the end of program.

Vidya Amrit Mahotsav (Innovative Pedagogy Festival)

“Vidya Amrit Mohatsav: Micro-Improvement led Innovative Pedagogy Festival was launched by CIET-NCERT on 14th October. It will promote and recognize micro improvements for innovative pedagogy implemented by teachers and school leaders across India. Using the micro improvement approach enabled by DIKSHA, states will be able to roll out their Vidya Amrit Mahostav programs. Teachers and school leaders can submit their innovative practices as projects on DIKSHA. These projects will be evaluated at District level, State level and National level and best innovations will be celebrated and shared with everyone. To ensure greater participation, meetings are being organized by CIET, NCERT with state representatives where guidelines regarding detailed steps are being provided. Educational Technology Wing SCERT Haryana participated in **Vidya Amrit Mahostav** meeting with CIET-NCERT on 3rd-4th October 2022. The state representatives are further discussing the detailed plan and steps with district coordinators. Five templates namely: a) Sub role b) program tracker c) project template d) program template e) school list, have been submitted to projectsupport@teamdiksha.gov.in under DIKSHA State readiness stage.

Cyber Jagrookta Diwas

As per the directions given by Indian Cyber Crime coordination Centre, MHA, CIET-NCERT is observing Cyber Jaagrookta Diwas on the first Wednesday of every month since 6th October 2021. On completion of one year, MHA has directed to celebrate Cyber Jaagrookta Diwas in an elaborate manner for propagating cyber hygiene. So, CIET-NCERT conducted a webinar on “Stay safe in Cyber world” on 6th October, 2022. As per directions of MHA & CIET-NCERT, Education Technology wing, SCERT Haryana celebrated Cyber Jaagrookta Diwas on 6th Oct 2022. All



wing heads of SCERT Haryana along with one faculty member from respective wing, ministerial staff and all members of ET wing attended the event. Dr. Ruchika facilitated the meeting. Inaugural speech was delivered by Joint Director Sh Anil Sharma, followed by speech of Deputy Director Ms. Ritu Chaudary. Banners received from CIET-NCERT on the topic “How to stay safe when we are online” were distributed to each wing. A presentation was done by ET wing Head, Mr. Manoj

Kaushik on "How to keep Cyber Hygiene". October month has been observed as "Cyber Jaagrookta Month" by SCERT Haryana.

STEM IBM for Girls in Government Schools of Haryana

Meeting with members of American India Foundation to discuss curriculum and content of their project STEM IBM for girls

SCERT in News:

नाटक प्रतियोगिता में छात्रों ने दिखाई प्रतिभा

संवाद न्यूज एजेंसी

गुरुग्राम। राज्य शैक्षिक अनुसंधान एवं प्रशिक्षण परिषद गुरुग्राम (एससीईआरटी) में शुक्रवार को राज्य स्तरीय विज्ञान नाटक प्रतियोगिता में हरियाणा के विद्यार्थियों ने अपनी प्रतिभा दिखाई। प्रतियोगिता में राज्य के सभी जिलों से एक-एक टीम ने हिस्सा लिया और विज्ञान से संबंधित विषयों पर अपनी प्रस्तुति दी।

शुक्रवार देर शाम प्रतियोगिता का समापन हुआ। राज्य स्तर पर प्रथम व द्वितीय स्थान हासिल करने वाली टीमों में उत्तर भारत विज्ञान नाटक प्रतियोगिता में हरियाणा का प्रतिनिधित्व करेगी। यह प्रतियोगिता नवंबर माह के दौरान नई दिल्ली में आयोजित की जाएगी।

राज्य स्तरीय विज्ञान नाटक प्रतियोगिता का आयोजन



राज्य स्तरीय विज्ञान नाटक प्रतियोगिता में प्रस्तुति देते छात्र-छात्राएं। संवाद

एससीईआरटी हरियाणा और राष्ट्रीय विज्ञान केंद्र (संस्कृति मंत्रालय, भारत सरकार) नई दिल्ली के संयुक्त तत्वावधान में किया गया। परिषद के निदेशक

विवेक कालिया ने बताया कि इस तरह की प्रतियोगिताएं समाज में जागरूकता व सर्वोत्तम वैज्ञानिक प्रवृत्ति लाने में सहायक होते हैं। प्रतिभाशाली विद्यार्थियों की

प्रथम व द्वितीय स्थान वाली टीमों में से 17 टीमों में सरकारी स्कूलों से हैं।

पहचान भी ऐसे ही कार्यक्रमों के माध्यम से होती है। इस वर्ष राज्य स्तर पर हिस्सा लेने वाली 22 टीमों में से 17 टीमों में सरकारी स्कूलों से हैं।

एससीईआरटी की राज्य समन्वयक तनु भारद्वाज ने बताया कि राज्य स्तरीय विज्ञान नाटक प्रतियोगिता में सभी जिलों में 22 टीमों ने हिस्सा लिया। देर शाम तक प्रतियोगिता चलने की वजह से परिणाम जारी नहीं हो सके। टीमों के प्रदर्शन के आधार पर ही प्रथम, द्वितीय व तृतीय स्थान वाली टीमों का चयन उत्तर भारत विज्ञान नाटक प्रतियोगिता में किया जाएगा।

ई न्यूजलेटर सिखाएगा गणित की बारीकियां

जागरण संवाददाता, गुरुग्राम: गणित को लेकर विद्यार्थियों में हमेशा एक हौवा रहता है। अध्यापक भी परेशान रहते हैं कि विद्यार्थियों को किस तरीके से सवाल और सूत्र समझाए जाएं कि उन्हें सही तरीके से समझ में आ जाए। हर कक्षा में विद्यार्थी और अध्यापक इस समस्या में उलझे रहते हैं। इस समस्या को दूर करने और गणित की पढ़ाई को सुगम बनाने के लिए राज्य शैक्षिक अनुसंधान एवं प्रशिक्षण परिषद (एससीईआरटी) प्रतिमाह अब गणित का ई न्यूजलेटर प्रकाशित करेगा। इसका उद्देश्य शिक्षकों को ई न्यूजलेटर का विकास करना है। एससीईआरटी के गणितीय सोच का विकास करना है। एससीईआरटी के संयुक्त निदेशक डा. सुनील बजाज ने बताया कि सीखना एक निरंतर प्रक्रिया है और गणित शिक्षण का भी मुख्य अंग है। इसी बात को ध्यान में रखते हुए यह योजना बनाई है। बच्चे कैसे सीखते हैं, एक रचनाशील कक्षा और कक्षा कैसा होता है, गणित सीखने में बच्चों को क्या-क्या मुश्किलें आती हैं, कैसे हम नए-नए तरीकों से बच्चों में सीखने की प्रक्रिया को बेहतर बना सकते हैं, गणित शिक्षा में आजकल की रिसर्च क्या कहती है। इन्होंने विदुओं को सीखने की प्रक्रिया में शामिल करने और मार्गदर्शन के लिए यह ई न्यूजलेटर प्रकाशित किया जाएगा। उन्होंने कहा कि सीखने की प्रक्रिया को बढ़ावा देने के लिए हर महीने गणित का एक अंक साझा किया जाएगा, जिसमें बहुत ही सटीक और सरल भाषा में गणित सीखने की प्रक्रिया के महत्वपूर्ण पहलू साझा किए जाएंगे। इसके लिए तैयारियां पूरी कर ली गई हैं।

हरियाणा को एक और गौरव, बजाज एससीईआरटी के राष्ट्रीय प्रशिक्षक मनोनीत

चंडीगढ़, (पंजाब केसरी): हरियाणा को एक और गौरव शिक्षा मंत्रालय भारत सरकार द्वारा एक राष्ट्रीय रिसोर्स ग्रुप का गठन किया गया है जो पूरे देश में राज्य तथा जिला स्तरीय समूह के सदस्यों को राष्ट्रीय



सं. सी/सी/37/नौसीटी-2021/ प्रा. निवेद्य/2022 दिनांक 03.10.2022

भारत के राष्ट्रपति की ओर से दक्षिण मध्य रेलवे का सिकंदराबाद मंडल, भारतीय रेलवे इलेक्ट्रॉनिक प्रोसेसिंग सिस्टम (IREPS) (http://www.ireps.gov.in) की वेबसाइट के माध्यम से दो पैसेट सिस्टम पर ई-निविदा आमंत्रित करवा है। कार्य के दायरे में उत्प्रेषित पूर्णकालीन/सिवाओं के प्रकाशन के लिए दक्षिण मध्य रेलवे के सिकंदराबाद मंडल के गुरुचंद्र स्टेशन पर गति शक्ति मटेरी-मॉडल कार्गो टर्मिनल का विकास, इस निविदा के लिए मंत्रालय और/निविदाओं को अनुपति नहीं है।

क्र.सं. 1 निविदा संख्या: GCT_GDCR_01_22 दिनांक: 03.10.2022; गुरुचंद्र स्टेशन का स्थान: गुरुचंद्र कार्य का नाम: सिकंदराबाद मंडल, दक्षिण मध्य रेलवे के गुरुचंद्र स्टेशन पर गति-शक्ति मटेरी मॉडल कार्गो टर्मिनल का विकास, निविदा मूल्य: रु. 12,47,91,746/-; ईएमडी: रु. 1,24,79,200/-; अक्षरों अक्षरों की अक्षरों पंक्ति

हरिभूमि

रोहतक - भिवानी
27 Oct 2022

विभाग ने उठाया शिक्षकों की गणितीय सोच के विकास में महत्वपूर्ण कदम

बवानीखेड़ा। गणित के प्रति बच्चों के दिलों रवेयों को देखते हुए और शिक्षकों में भी जोश भरने की योजना को लेकर शिक्षा विभाग द्वारा अनूठी पहल की है। हरियाणा एससीईआरटी द्वारा हर माह मध्य-ई-न्यूजलेटर प्रकाशित किया जाएगा जिसमें शिक्षकों की गणितीय सोच के विकास में एक महत्वपूर्ण कदम होगा। गुरुग्राम स्थित एससीईआरटी निदेशक विवेक कालिया, संयुक्त निदेशक सुनील पंवार ने बताया कि सीखना एक निरंतर प्रक्रिया है और जीवन भर प्रत्येक स्थिति में हम कुछ न कुछ नया सीखते हैं। सीखने की यह निरंतर प्रक्रिया हमारी गणित शिक्षण का भी मुख्य अंग होना

चाहिए। बच्चे कैसे सीखते हैं एक रचनावादी कक्षा कक्ष कैसा होता है, गणित सीखने में बच्चों को क्या-क्या मुश्किलें आती हैं, कैसे हम नए-नए तरीकों से बच्चों में सीखने की प्रक्रिया को बेहतर बना सकते हैं, गणित शिक्षा में आजकल की रिसर्च क्या कहती है और इसे हम सीखने की प्रक्रिया में कैसे शामिल कर सकते हैं, इत्यादि है। उपनिदेशक सुनील बजाज ने बताया कि प्रसिद्ध दार्शनिक डेवी का कहना है कि सीखने के लिए केवल अनुभव काफी नहीं है, अनुभवों पर चिंतन करना अति आवश्यक है। यह हमारी सीखने की प्रक्रिया को और प्रभावशाली बनाता है।