



# DELHI PUBLIC SCHOOL NTPC VIDYUTNAGAR

## Reflections

ACTIVITY REPORT

JULY TO SEPTEMBER 2020

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"A great educator makes everyone learn, not just those who are at the top of the class."

## EDITORIAL

Dear Readers

Hope you are safe and sound and in good spirits! It has been a little more than six months since all educational institutions across the country came to a standstill in the wake of the novel Corona virus, to enforce social distancing measures and consequently, prevent its spread. With no certainty about when normalcy will be restored, the pandemic has disrupted lives, delayed academic session, suspended examinations and well turned our lives upside down. In order to ensure continuity and abate the loss, there has been a paradigm shift in the educational sector from the traditional methods of face-to-face teaching to online learning. Everyone, irrespective of their age or conformity, has been forced to jump onto this digital juggernaut, and to learn and adapt. While most of us are seemingly effortlessly attending classes on our smartphones and laptops, we shouldn't be unmindful of the fact that a vast majority of students are left out in this process, and of the reasons for this exclusion.

While there are a plethora of merits of online classes, ranging from self-paced learning to reduction in formality, the proposal for depending completely on online classes, at least for the time being, may prove precarious for the stakeholders. The first and foremost problem being the inability of a large section of population to buy smartphones, laptops or a desktop due to their constricted income and thus are debarred from online learning. This 'digital divide', an extension of our socioeconomic inequalities, is explicit in a survey conducted by National Council of Educational Research which highlighted that around 27 percent of school children didn't either have

smartphones or laptops to access classes. The success of online classes will not only depend upon availability of smartphones, but also on a high speed internet connectivity to access the internet. This becomes a major constraint in rural and peri-urban areas for students. For Maya, a seventh grader at a government aided school in Mumbai, school now means running to the terrace of her single storey house so that her phone might tap signals to rev up her Maths period, only after quarrelling with her three siblings so as to decide who will attend the class for their proletariat parents couldn't afford three more phones. Also, the increased screen time has been a major concern among parents. The fact that not all students and teachers are tech savvy has been an important argument made against online classes.

Even with the assistance of interactive apps and videos, teaching concepts like Construction is a cumbersome task online, says a Maths teacher. Many teachers complain about the exasperation and chargin they feel when they scream "Am I audible?" and "Is the screen visible?" just to be retorted to from students' side by a deafening silence! For their part, students are irritated at getting disconnected from the class every now and then.

The current crisis has brought us face-to-face with the shortcomings of our educational system- lack of inclusive education, lack of quality education and lack of life skills in the curriculum. As Jean Piaget rightly said, The principle goal of education is to create people who are capable of doing new things, not simply repeating what the other generations have done so far, we need to reinvent our educational system. Until the time lockdown restrictions are lifted, we need to develop Learning Management Systems which create online means of mediating the student-teacher relationship. Technology should be seen as a friend, not a foe. Capacity building programs, workshops for teachers and students to make them conversant with basic computer knowledge should be organised. Schools have to figure out a practical scheme that works for academic digitisation as per its conditions and capabilities. There is no one single method that works globally. The State or Central Government shall take initiative to make education available through means of television, for instance, Swayamprabha channel which conducts sessions for classes one to twelve.

Even after the lockdown, online platforms have to be seen as a supplement to face-to-face education. Besides, a curriculum infused with emotional intelligence, intercultural and gender sensitivity, problem solving attitude and interdisciplinary learning partnered with regional economic development will boost the economy at an unprecedented rate. What is needed is striking a balance between skilling and education,- providing students with hands on experience in whichever field they want, for a holistic development of our youth.

In a nutshell, we have to address this situation with persistence and hope. We have to continuously strive to become a better version of ourselves, and cater to the exigencies of this pandemic. Remember that it was during a two-year lockdown for the plague of 1665, when Isaac Newton discovered calculus, three laws of motion and gravitation. Whose Annus Mirabilis will 2020 be then?

## WEBINARS AND SEMINARS

### **1. NATIONAL READING DAY, WEEK AND MONTH [19 June - 18 July 2020]**

“A truly great book should be read in youth, again in maturity and once more in old age, as a fine building should be seen by morning light, at noon and by moonlight.”

- Robertson Davies.

Honouring the father of the Library Movement, late P. N. Panicker, the 25th National Reading Day was celebrated on 19 June 2020. With the aim to promote the culture of reading, with the message of 'Read and Grow' among all the citizens of the country by 2022, this has become a mass movement. In the light of COVID-19 pandemic, the P N Panicker Foundation organised various online activities which included webinars on various topics, painting and essay writing competitions. Habit of reading through any medium has a vital role in the personality development. The participants were advised to motivate children to read so that books become their companions. The motive of teachers should be to encourage and retain the happiness in the minds of their children. Ms K S Geetha, PGT, English, attended webinars on Problems and Prospects in Indian Higher Education System held on 22 June 2020, Universalization of Education on 24 June 2020 and Literature Enhances Reading Habit on 25 June 2020. Ms Bhupinder Ajeet Kaur, PGT, English attended a webinar on New Dimensions in Education, held on 26 Jun 2020.

### **2. ONLINE OBSERVATION CLASSES- JULY 20 TO JULY 24, 2020**

Delhi Public School Vidyut Nagar has been conducting online classes in this crisis during pandemic since March 28, 2020. In an effort to make sure the classes are being conducted as per the guidelines of CBSE and HRD Ministry, effectively and meaningfully, the DPS Society observed the online classes of various teachers of DPS, VN, from July 20 to July 24, 2020. The classes by Ms Jyoti Singh, Ms. Rekha Kathait, Mr Neeraj Saxena, Ms Bhupinder Ajeet Kaur and Ms KS Geetha were observed by the resource person, DPS Society from July 20 to July 24, 2020. All the classes were quite interactive and thoroughly enjoyed by the students as well as the teachers along with the resource person. The teachers of DPS Vidyut Nagar have left no stone unturned in making their online classes worthy and meaningful. Their efforts are being appreciated by the students and the parents too.

### **3. TEACHING STRATEGIES/METHODOLOGIES IN PHYSICS-- AUGUST 1,**

Centre of Excellence, Noida organised a webinar on August 1, 2020 which aimed at the development process of learning, skills and experimental observations of students. Emphasis was laid on the concept of VARK, i.e. Visual, Auditory, Reading while writing and Kinaesthetic Learners. Mr. Anil Kumar Gupta from DPSVN attended the same.

### **4. WEBINAR FOR THE PRIMARY TEACHERS OF CLASSES NURSERY-II-- AUGUST 5**

The Delhi Public School Society organised a webinar for the primary teachers of classes Nursery-II on August 5, 2020 where they shared their best teaching practices in which storytelling, puppetry, and use of audio-visual aids were the main highlights. It was basically aimed at how to make online teaching more effective and attractive. Ms. Ardavatiya Unnati from D.P.S, Vidyut Nagar attended the same.

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#### **5. UNDERSTANDING BLOOM TAXONOMY AND ITS APPLICATION IN PHYSICS.**

Centre of Excellence, Bhubaneshwar conducted an online session on 5th August 2020. Dr V. K. Mishra, Principal, Delhi Public School, Bareilly was the resource person.

He emphasised on the Bloom Taxonomy and its application. The six levels in the taxonomy, each requiring a higher level of abstraction from the students were discussed. However, to create thinkers as opposed to students who can simply recall information, one must incorporate the higher levels into lesson plans and tests. Development process of learning, skills and experimental observations were also explained. More than 76 PGTs (Physics) participated in this session. Mr. Anil Kumar Gupta, PGT, Physics, D.P.S, Vidyut Nagar also participated in this webinar.

#### **6. PEDAGOGY OF TEACHING BIOLOGY**

Delhi Public School Society organised a webinar on "Pedagogy of teaching Biology" on August 6, 2020 which was aimed at strengthening the fundamental biological concepts of Molecular biology, Cell biology, Physiology, Genetics and Evolution through different means and modes.

It was emphasized that while teaching the subject, linking of topics with different chapters needs to be done to understand the unity of life in diverse forms. Ms. Ratna Samanta from DPS, Vidyut Nagar attended the same.

#### **7. DECODING THE NATIONAL EDUCATION POLICY-2020 --AUGUST 6,**

Webinar on ABEA Master Class on Decoding the National Education Policy-2020 was organised by Aditya Birla Education Academy on 6th August, 2020 to introduce a variety of strategies to encourage and give equal dialogue and participation to the students. The webinar aimed at understanding the new pattern 5 + 3 + 3 + 4 which will be very effective in imparting meaningful education. Moreover, it was stated that for the successful implementation of NEP-2020 the schools should benchmark their targets and strive hard to achieve them. "Will is the key." Ms. Sonia Tyagi, Mr. Neeraj Saxena and Mr. Nishant Rastogi from DPS, Vidyut Nagar attended the same.

#### **8. 'EXCHANGE OF IDEAS'-- AUGUST 7**

The Delhi Public School Society organised a webinar on 'Exchange of Ideas' for the subject-Biology on August 7, 2020. During the session, best online teaching practices were discussed in brief which was followed by Q & A round. Ms. Ratna Samanta from DPS, Vidyut Nagar attended the same to hone her skills as a Biology facilitator and guide.

#### **9. ONLINE TRAINING SESSIONS**

The DPS Society, HRDC held a Webinar on "Best Online Teaching Practices (Classes: III, IV & V)" on August 10, 2020 from 2:15 pm to 5:15 pm. The resource person handed over the session to the resource panellists from different DPS Branches. Every panellist shared their innovative methods of online teaching in a class and assessing students through various apps and tools like Nearpod, Google Earth, Padlet, Kahot, Quizziz, MS. Power point, Google forms and Bloom's Taxonomy for assessment and performance of students. This was an opportunity to be a part of a very enriching and informative webinar. There were 219 participants of different DPS school branch from all over India who participated enthusiastically in the session. Ms. Rekha Kathait, Sr. PRT, DPS, Vidyut Nagar attended this webinar.

## **10. ETHICS-KOHL BERG'S STAGES OF MORAL DEVELOPMENT**

"We are all born as empty vessels which can be shaped by moral values." -Jerry Springer

COE Noida had conducted an online session titled "Ethics-Kohl Berg's Stages Of Moral Development" on August 12, 2020. Mr. Anurodh Chitra, Principal Delhi Public School, Kurukshetra was the resource person for this session. It was an enriching as well as interesting session. It made so many situations and dilemmas that a facilitator face in the day-to-day life, a bit more clear.

It was very lucidly articulated that Moral Development, being a process through which the children develop proper attitudes and behaviour towards others in the society, is based on the social and cultural norms, rules and laws. Further, through Kohlberg's theory of moral development, an elaboration on the moral development of the children following a series of stages. Kohlberg's stages of moral development were discussed thoroughly. Ms Smita Soni, PRT English attended this webinar.

## **11. UNDERSTANDING ADOLESCENCE -13TH AUGUST 2020**

DPS society conducted a webinar on the topic Understanding adolescence for the teachers of classes 9 to 12 on August 13, 2020. The resource person was Dr. Samir Parikh, Director, Department of Mental Health and Behavioural Sciences, Fortis National Mental Health Programme. The webinar focused on the behaviour of an adolescent in the class, school, family and society which mostly depends on the biological circumstances as well other sources like multimedia gadgets, internet, peer pressure and society. Ms. Reetu Sirohi, TGT Hindi attended the aforesaid webinar.

## **12. 'MAGIC OF GRATITUDE' -19TH AUGUST, 2020**

A webinar on the theme 'Magic of Gratitude' was organised by the Centre of Excellence for the teachers/ educators on 19th August, 2020. Mr. Anurodh Chitra, Principal DPS Kurukshetra was the resource person for this webinar. The webinar aimed at being grateful to whatever we have in our life along with appreciating others and believing in our ownself, thereby enhancing our gratitude level. Expressing our gratitude will result in more satisfaction. Every Problem can be solved by expressing our gratitude to others. Gratitude makes sense of our past, brings peace for today and creates a vision for tomorrow. Mr. Tajdar Khan, TGT, Mathematics DPS, Vidyut Nagar felt greatly motivated after attending this webinar.

## **13. INDIAN DIGITAL EDUCATION SUMMIT & EXHIBITION (IDEAS)-- AUGUST 20,**

Quest Virtual Conferences organised an online workshop on August 20, 2020 which was based on the need of change and the digital infrastructure. Emphasis was laid on the fact that students, teachers and the management should be digitally sound and trained because when we talk about digitization, security is very important. The same was attended by Mr. Nishant Rastogi from DPS, Vidyut Nagar.

## **14. ART INTEGRATED LEARNING-AN ESSENTIAL ELEMENT OF EDUCATION- AUG 21**

NCERT conducted a webinar on Art Integrated Learning - An Essential Element of Education on August 21, 2020 which laid emphasis on how art should be integrated with all subjects at primary level and used as an approach for teaching and learning of different concepts which will help students expand free thought process on expressing their ideas and emotions and it will also help to develop all the senses through keen observations, curious explorations and spontaneous expressions. Mr. Biswajit Bej from DPS, Vidyut Nagar attended the same gathering productive ideas.

### **15.ASSESSMENT IN GEOGRAPHY**

CBSE COE, Noida organized an online teacher training workshop on 21st August 2020. The topic was "Assessment in Geography for classes XI and XII". The resource person for the workshop was Ms. Sangita Prakash. 'Assessment in Geography' is an integral part of the teaching and learning process".

The resource person also emphasized on the characteristics of effective assessment like-it should benefit students, involve students, it should support teaching and learning goals, should be planned and communicated, suited to the purpose and it should be valid and fair. The workshop was very informative and useful. Ms. Shubarna Chakravarty from DPS, Vidyut Nagar attended this workshop.

### **16.EMPOWERING YOUR TEAM-24TH AUGUST, 2020**

A webinar on the theme 'Empowering Your Team' was organised by the Centre of Excellence, Noida for the teachers/educators on 24th August, 2020. Ms. Monica Chawla, Principal, Bal Bharti Public School, Chandigarh was the resource person.

Team-work always helps in the growth and development of any organisation. In a team, it's important for the captain to have a faith in his team-members. According to Ms. Chawla, in a school-system, the Principal is the captain and it is his duty and responsibility to take care of the needs of his/her staff members. Also discussed in the webinar was the 'HEAR' theory ('H', 'E', 'A' and 'R', respectively, stand for Hearing, Empathising, Analysing and Resolving) which should be followed by a good team leader to gain the trust and faith of his members.

Mr. Tajdar Khan, TGT, Mathematics, who attended this motivational webinar also felt that "Talent wins games but team-work wins championships."

### **17.INTEGRATION OF ARTS IN PHYSICS-25th August 2020.**

"After a certain high level of technical skill is achieved, science, and art tend to coalesce in aesthetics, plasticity, and form. The greatest scientists are always artists as well." - Albert Einstein

An Online Session on the topic-"INTEGRATION OF ARTS IN PHYSICS" was conducted on 25th August 2020 by Centre of Excellence, Noida. The resource Person was Mr. Ved Prakash Mishra, the Principal, Delhi Public School, Bareilly. Simple steps to integrate the arts in my Class room were talked about. Mr. Anil Kumar Gupta, PGT, Physics, DPS, Vidyut Nagar also participated in the session.

### **18.SESION BY MR. ANAND KUMAR (SUPER 30 FAME)-- AUGUST 26,2020**

A webinar- SESSION BY ANAND KUMAR was organised by the Delhi Public School Society and Human Resource Development Centre for the DPS teachers on 26 August, 2020 which was enriched by Mr. Anand Kumar, an Indian Mathematics educator best known for his Super 30 programme. It was basically aimed at developing innovative techniques in our teaching methodologies to make the subject Mathematics an enjoyable experience for the students. The main focus of this webinar was how to make our online teaching more meaningful and effective in today's scenario of Coronavirus pandemic. The topic of discussion was Continuity and Differentiability, Probability, Vector and 3-D Geometry and Definite Integration which were very conceptual topic of Mathematics along with analysing a problem graphically and understanding the subject in depth. The same was attended by Mr. A.K Agarwal, Sr. PGT, Mathematics and Mr. Sanjay Kumar Bhati, PGT, Mathematics, DPS, Vidyut Nagar.

**19. INTEGRATION OF ART IN GEOGRAPHY--  
AUGUST 27 2020.**

Centre of Excellence, CBSE, Noida organised an online workshop on Integration of Arts in Geography for classes XI and XII on August 27, 2020. It was highlighted that teaching Geography through Art is a unique way for students to enjoy learning about the world and its cultures through art projects that they enjoy. Emphasis was laid on map work equally. The same was attended by Ms. Shubarna Chakravarty from DPSVN.

**20. UNDERSTANDING BLOOM'S TAXONOMY  
AND ITS APPLICATION IN BIOLOGY-1ST  
SEPTEMBER 2020.**

The COE, Noida, under the online training programme for teachers, CBSE, organised an one hour session on "Understanding Bloom's Taxonomy and its Application in Biology" for the subject teachers on 1st September, 2020. The session was conducted effectively by Dr. Sharbari Banerjee, Principal, Aster Public School, Noida Extension. Bloom's taxonomy, and through appropriate examples, its application to make a good question paper of Biology in senior secondary classes was the main focus of the webinar. Ms. Ratna Samanta, Biology Department, attended this webinar.

**21. INTEGRATION OF ARTS IN ENGLISH (XI-  
XII)- September 2, 2020**

COE, Noida conducted a webinar on the topic 'Integration of Arts in English (XI-XII)' for the teachers of CBSE schools on 2 September 2020. Ms Raina Krishnatray, Principal, DPS World School, Greater Noida was the resource person. The webinar discussed the distinctive features of NEP-2020. It also stressed on the need for integrating art in all subjects. In teaching English literature, art integration can be used as a tool to make the students understand the concept, idea, thoughts conveyed by the author. It can be through various arts forms like performing arts which include dance, music, theatre, or visual arts like drawing and painting. Mrs. K. S. Geetha, PGT-English, DPS, Vidyut Nagar, attended the webinar.

**22. HINDI BHASHA KE KSHETRA MEIN  
AAJIVIKA/VYAVSAYA KI  
SAMBHAVNAEIN**

COE, Noida organized a webinar on September 3, 2020 to discuss on the possibilities of entrepreneurship and various businesses in the field of Hindi language. Ms. Reetu Sirohi, DPS, VN was the resource person of the webinar. The main objective of the webinar was to motivate students to opt for the National language so that they can progress and be self sufficient in their own country in the coming future. The role of media, a translator, a teacher, a journalist, cinema and the world of advertising, was discussed at a length, in the lives of the Hindi-speaking students. Also Hindi curriculum by CBSE was discussed at different levels. Promotion of the National language was emphasised upon.

**23. ICT INTEGRATION IN TEACHING OF  
PHYSICS**

On 7th September 2020 an online session on ICT Integration In Teaching Of Physics was conducted by Centre of Excellence, Noida. The resource person, Mr. Ved Prakash Mishra, Principal, Delhi Public School, Bareilly discussed the role of ICT in Physics for scientific learning, modifying materials and the way they are used in different and effective ways. Research has shown that integration of ICT in Physics instruction has the capability of simplifying the abstract content as well as creating interest in learners and consequently improving the quality of education. Also the development process of learning, skills and experimental observations was explained thoroughly. More than 126 PGTs (PHYSICS) participated in the session. Mr. Anil Kumar Gupta, PGT, Physics, DPS, Vidyut Nagar participated in this session.

**24. VEDIC MATHEMATICS - SHORTCUTS OF CALCULATIONS- SEP.2,2020**

A workshop was conducted on Vedic Mathematics on September 2,2020 by Indian Institute of Vedic Maths and Abacus by Ms. Gunjan Jain. The workshop mainly focused on Vedic Maths, its 16 sutras, their corollaries and 13 sub sutras. The easiest methods of multiplication, finding the square and cube of a number, finding square root and cube root of a number etc. using vedic maths was discussed at length. Mr. Nishant Rastogi, PRT Mathematics, found the webinar very useful in terms of knowledge.

**25.TEACHING STRATEGIES AND METHODOLOGY IN CHEMISTRY**

An online session on "TEACHING STRATEGIES AND METHODOLOGY IN CHEMISTRY" was held on September 3,2020.It was hosted by CBSE, COE-Noida. The resource person was Ms. Poonam Kumar Mendiratta, Principal-The Manthan School, Greater Noida. The main focus was on behavioral and constructive approach of teaching methodology. Old methods involving chalk and duster, pouring facts on paper without practical application, memorization without understanding, copying notes should be replaced by new methods of teaching which involves use of technology and concept building planning of topic the mistakes. Ms. Sonia Tyagi, PGT Chemistry and Mr. Jayant Dwivedi, PGT, Chemistry, attended the above mentioned session.

**26.UNDERSTANDING BLOOM'S TAXONOMY AND ITS APPLICATION IN MATHEMATICS-- SEPTEMBER 7 2020.**

The CBSE, COE, Ajmer organised a webinar on Understanding Bloom's Taxonomy and its application in Mathematics on September 7, 2020. The main aim of the webinar was how to use Bloom's Taxonomy effectively in the subject of Mathematics in designing the syllabus/curriculum and to frame justified question papers so that this subject becomes an enjoyable experience for our students. Mr. Neeraj Saxena from DPS, Vidyut Nagar conducted the webinar successfully.

**27. ESSENTIALS OF LESSON PLAN IN BIOLOGY**

CBSE, COE, Noida, under the online training programme for teachers, organised a one hour session on preparing a good lesson plan in the subject Biology for the subject teachers on 8th September, 2020. The session was conducted effectively by Ms. Sammita Dam Chaterjee, COE Noida .She discussed the essentials of a lesson plan and further stated that a good lesson plan is one which can be modified as per the needs of the students to deliver the goals perfectly. Ms.Ratna Samanta, TGT, Biology, DPS Vidyut Nagar participated in this online session.

**28."EDUCATION IN A CROSS-CULTURAL SETUP"-- SEPTEMBER 9, 2020.**

The COE, Noida organised a webinar-"Education in a Cross-Cultural Setup" on September 9, 2020. The main objective of this webinar was to apprise the teachers of the methodologies/strategies to be adopted in a class-room having learners from diverse backgrounds. Stress was laid on the fact that we should strengthen cultural consciousness and inter-cultural awareness among ourselves and also, our students and prevent prejudice and discrimination besides encouraging critical thinking. Mr.Tajdar Khan, Mr. Neeraj Saxena and Mr. Hemant Rai Dhawan from DPS, Vidyut Nagar attended the same.

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**29. TEACHING STRATEGIES / METHODOLOGIES IN ENGLISH WRITING (XI-XII)" ---SEP 10, 2020.**

CBSE, COE, Noida held an online training session on "Teaching Strategies / Methodologies in English Writing (XI-XII)" on September 10, 2020. Ms. Swapna Nair, presented the session. She started the online session with a discussion on Bloom's Taxonomy and Maslow's Hierarchy of Needs. The learning outcomes of English language learning were discussed. Also the webinar emphasized on the May, 14 circular sent by the CBSE in which Art Integration had been assigned as the most tectonical shift in the revamping of the current curriculum under the NEP (2020). Ms. Arshia Malik, TGT (English), felt that the session had a positive response and was very informative.

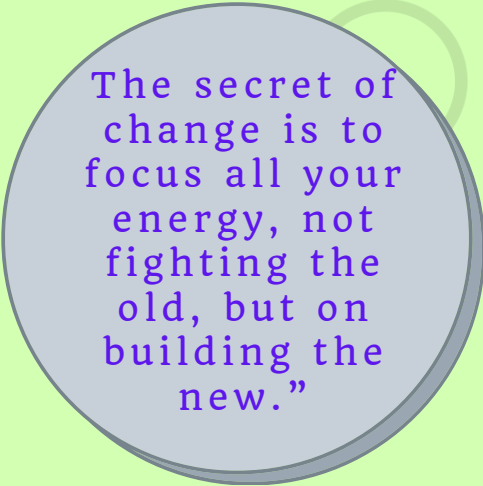
**30. ESSENTIALS OF LESSON PLAN IN CHEMISTRY**

"Nothing is so fatal for a teacher than unpreparedness."  
 A webinar Essentials Of Lesson Plan In Chemistry was hosted on 11th September 2020 by COE- Noida. Ms. Poonam Kumar Mendiratta, Principal-The Manthan School, Greater Noida was the resource person. Developing a lesson plan before taking a class and the three components of a lesson plan- i) Goal - critical thinking ,transfer of knowledge creativity ii)Objective- instruction , analysis ,discussion and iii) Outcome - what learners produce -measurable ,observable, were discussed in the session. Main topics covered were-- Difference between goal, objectives and outcome, Teaching methodology and pedagogy, 5E'S of lesson plan, Assesment of learning and a sample lesson plan. Further this year CBSE has declared the theme 'Competency based learning'. Nearly 110 teachers from different schools participated enthusiastically and interacted with resource person. Ms. Sonia Tyagi, PGT Chemistry participated in this session.

**31. ESSENTIALS OF A LESSON PLAN IN ENGLISH (CLASSES IX-X) - SEPTEMBER 14, 2020**

'Each child has a different learning style and pace. Each child is unique, not only capable of learning but also capable of succeeding'- Robert John Meehan.

CBSE, COE, Noida conducted a webinar on the topic 'Essentials of Lesson Planning in English (IX and X )' for the teachers of CBSE schools on 14th September 2020. Ms Sangeeta Rekhi was the resource person. The session highlighted the importance of lesson planning for both novice and experienced teachers. Lesson plan helps in making decision in advance about what to teach, how to teach and the time assignment of every teaching procedure. The objectives of lesson planning leads to effective teaching and retain the contents by the learners. While preparing a lesson plan , one need to have specific, measurable, achievable , realistic and timely goals( SMART Goals). The resource person also explained the check list of what to incorporate in a lesson plan like teaching aids, Blooms Taxonomy, pedagogy, time management, technique, board work, extra activities, lesson evaluation etc. The session also laid stress upon proper execution of the plan and learning by children. Mrs K S Geetha, PGT-English and Ms Arshia Malik, TGT, English attended the webinar



**32.ART-INTEGRATION IN MATHEMATICS--  
SEPTEMBER 15 2020**

CBSE,COE, Ajmer organised a webinar- Art-Integration in Mathematics on September 15, 2020. The main aim of the webinar was how to use Art-Integration effectively in the subject of Mathematics so that this subject becomes an enjoyable experience for the students. Stress was laid on the point that Art must become an important tool in the teaching-learning process as it is a form of language that expresses our experiences and perceptions of the world around us, in varied form. Mr. Neeraj Saxena from DPS,Vidyut Nagar conducted this webinar successfully.

**33.ENGLISH (IX-X) PROJECT-BASED  
LEARNING ---SEPTEMBER 15, 2020**

CBSE, COE, Delhi East held an online training session on "English (IX-X) Project-based Learning" on September 15, 2020. Ms. Ruchi Sengar, freelancer, presented the session. The session not only discussed the essentials and the merits of project-based learning followed by an infographic of teacher-oriented curriculum changing to student-oriented curriculum in a few years, but also discussed the formulating of a project-based or PBL task. Ms.Arshia Malik, TGT,English, felt that it was quite an informative session.

**34.ENGLISH (IX-XII) CASE-BASED  
FACTUAL PARAGRAPH OF READING  
COMPREHENSION-- SEPTEMBER 16, 2020**

CBSE, COE, Delhi East, held an online training session on "English (IX-XII) Case-based factual paragraph of Reading Comprehension" on September 16, 2020. Ms. Ruchi Sengar, freelancer, presented the session. The webinar focused on the meaning and application of case-based study and developing study material on case-based study like passages, MCQs etc.A lot of tips, ideas, techniques, and strategies were brainstormed. Ms.Arshia Malik, TGT, English, attended this webinar.

**35.NEW EDUCATION POLICY-2020-AN  
e- WORKSHOP**

Continuous and comprehensive development of our children is the main motive of all initiatives of educationist/ the Government of our country. In continuation of all efforts, NEP-2020 is a valuable initiative by the Government of India (GOI) released on July,29,2020 which aims to create transformational reforms in school education and reiterates GOIs five decades old commitment to spend 6% of the Gross Domestic Product (GDP) on education.

To discuss the salient feature of NEP and to make all schools of the district familiar with it, the DOIS (Sh. Neeraj Kumar Pandey-District Inspector of School), Budh Nagar invited all schools of the district working under DOIS office to meet through a series of webinars. Eminent educationists and heads of various institution attended the two-day webinar viz. 15th and 16th of September, 2020 on the subject cited above. Mr.Jitendra Kumar Verma, as a representative of DPS Vidyut Nagar, attended and experienced the worthy webinars.

**36.ESSENTIALS OF LESSON PLAN IN  
PHYSICS**

An online Session was conducted on 17th September 2020 by the Centre of Excellence, Noida. Mr. Ved Prakash Mishra , Principal, Delhi Public School, Bareilly was the resource person. Various essentials of making a lesson plan were discussed. Also the session explained about the development process of learning, skills and experimental observations. More than 96 PGTs (Physics) participated in the session. Mr. Anil Kumar Gupta, PGT, Physics, D.P.S, Vidyut Nagar also participated in the above mentioned session

### **37.LITERATURE IN CLASSROOM ENGLISH - IX AND X**

An online session on the topic 'Literature in Classroom English- Classes IX & X' was conducted by COE, Noida , on 18 September 2020. Ms. Sangeeta Rekhi, the resource person, stressed that literature helps learners to develop their understanding of other cultures, awareness of 'differences' and to develop tolerance and understanding. Literature is an authentic material which encourages interaction and expands language awareness. The resource person also explained the methodology of teaching literature ,focused more on understanding the text, general comprehension and finally understanding the language and then a follow up. By carefully selecting literary works, teachers can show their students how enjoyable reading literature can be. She also discussed various literary devices and how to make the students understand it and also motivate the students to use them in their regular conversation. The resource person also answered the queries on how to encourage children to communicate in English, teach correct pronunciation, project works to be done etc. Mrs K S Geetha, PGT-English attended the session.

### **38.TEACHING STRATEGIES IN ENGLISH (LISTENING) (CLASS XI-XII) -SEP 18, 2020**

CBSE, COE, Delhi East, held an online training session on "Teaching Strategies in English (Listening) (Class XI-XII)" on September 18, 2020. Ms. Swapna Nair, Principal, Arwachin International School, presented the session. The webinar included the discussion about useful strategies for conducting listening and speaking activities, Cognitive and Metacognitive development(Buck), and sharing of many apps and websites that could be used for the listening and speaking tasks. Ms.Arshia Malik,TGT (English) participated in the above-mentioned webinar.

### **39."CURRICULUM AND PEDAGOGICAL APPROACH WITH NEP 2020"**

This session was a two days professional development workshop held on 17th and 18th September 2020 organised by Mind Mingle. The resource person was Mr. Swaminathan Gopalan who articulated the essence of NEP-2020(Curriculum and Pedagogy).He further communicated that the curriculum should include fun and vocational activities /crafts like carpentry, electric work, metal work, gardening, pottery making, plumbing, cookery and food, weaving and textiles, tailoring and apparel design, first aid and health, energy substitution, waste disposal etc. He also communicated the need of developing the foundation skills like to think, comprehend, read, express, write-multi-languages, compute, record observations inquire and question. In brief, he conveyed the very idea behind the implementation of NEP2020 .Ms. Smita Soni and Ms Manju Bala,DPS,VN attended this online session.

### **40.ENHANCING PRACTICAL SKILLS AND PROJECT IN CHEMISTRY**

A workshop on Enhancing Practical Skills And Project In Chemistry was hosted by COE- NOIDA on 18th September 2020.The resource person was Ms.Poonam Kumar Mendiratta, Principal-The Manthan School,Greater Noida.. The main topics discussed were Evaluation scheme for practical, Root cause of non-achievement of skills, Ways to achieve skills, Strategies /methodology to develop interest in practicals. Concept of micro labs and micro scale kits, syllabus for CBSE Chemistry practical and weightage of marks, which is also an important aspect to keep in mind while designing the classroom objectives, were also discussed. Ms. Sonia Tyagi, PGT, Chemistry ,DPS,Vidyut Nagar attended this session.

#### **41. ICT INTEGRATION IN TEACHING OF BIOLOGY--22ND SEPTEMBER 2020**

COE, Noida, under the online training programme for teachers, CBSE, organised a one hour session on ICT integration in Teaching of subject Biology for the subject teachers on 22nd September, 2020. Various aspects and significance of integrating ICT in teaching Biology to the students during this pandemic were focal points of the meet. Ms. Ratna Samanta from DPS, Vidyut Nagar attended the same.

#### **42. UNDERSTANDING GEOGRAPHY THROUGH URBAN PROCESSES -SEP. 24, 2020**

DPSS-HRDC organized an online training webinar on 24th September 2020 on "Understanding Geography through Urban Processes" for classes XI and XII. The resource person for the workshop was Dr. Shrawan Kumar Acharya, Centre for the Study of Regional Development School of Social Sciences, JNU. The objective of this webinar was to explore Geography through Urban Processes and to emphasize the importance of the Integrative Power of Urban Geography. Different teaching techniques like Cartography, Statistics- Data Analysis, Visualization, Qualitative- Ethnography/ case studies/Focus Group/ Content Analysis, Use Of GIS- Integration of maps and statistics, and Social Media Analysis/Big data/Real time data/Blogs/etc. were discussed at length. Ms. Shubarna Chakravarty, Social Science Department, DPS, Vidyut Nagar feels that it was a very informative and useful session.

#### **43. REIMAGINING VOCATIONAL EDUCATION & SKILL BUILDING OF LEARNERS- Sep26, 2020**

The Centre for Curriculum, Pedagogy and Assessment, Bluebells School International organized a webinar on the topic 'Reimagining Vocational Education And Skill Building of Learners' on 26 September 2020. Dr Biswajit Saha, Director, Vocational Education and Skill Training, CBSE was the resource person. The interactive session focused on understanding reforms in vocational education curriculum, that is to be introduced from the middle school onwards as per the New Education Policy-2020. NEP-2020, with a vision to enhance the skill development of the students/future generation, has suggested various vocational courses to be implemented at an early stage of schooling. Ms K S Geetha, Ms. Rekha Kathait and Ms. Anupam Chauhan, DPS, Vidyut Nagar, attended the session.

#### **44. INNOVATIVE PEDAGOGY IN ENGLISH EXPERIENTIAL LEARNING - XI, XII.-Sep.28, 2020**

An online session on the topic 'Innovative Pedagogy In English Experiential Learning -XI, XII' was conducted by COE Dehradun on 28 September 2020. Ms Jyotsna Grover, officiating Principal, Salwan Public School, Rajendra Nagar, Delhi was the resource person. The session began with an interaction with the participants on the problems faced in the classroom while teaching. The session was concluded by reminding the participants. Mrs K S Geetha, PGT-English attended the session.

**THE NEED FOR IMAGINATION, A SENSE OF TRUTH, AND A FEELING OF RESPONSIBILITY- THESE THREE FORCES ARE THE VERY NERVE OF EDUCATION" ~ RUDOLF STEINER~**

# DELHI PUBLIC SCHOOL, NTPC VIDYUTNAGAR

