

Online One Week Faculty Development Programme

“The Right Perspective of Organising Online Classes”

Date: **24-30 June“ 2020**

Venue: **CiscoWebex Meetings**

“Education is the key to unlock the world, a passport to freedom”
- Oprah Winfrey.

The outbreak of COVID 19 has resulted in a paradigm shift in education. Online classes are the need of the hour to sustain our Education system, especially in the outbreak of the pandemic. The objective of online classes is to provide quality education through virtual medium. In the present scenario, the role of teachers cannot be neglected and it is also true that teachers often come across various teaching problems in adopting this mode of teaching-learning. In an attempt to improve the quality of teaching-learning through online mode, Gitarattan Institute of Advanced Studies and Training, Delhi took the initiative to organize seven days Faculty Development Programme on the topic **“*The Right Perspective of Organizing Online Classes*”** from 24th June“ 2020 to 30th June“ 2020 at CISCO Webex Application.

As we know that faculty development has been defined as a wide range of activities that institution applies to support faculty member“s roles. Faculty vitality is the main ingredient to enhance professional education and competence. Enriching the faculty vitality in key domains of teaching, assessing, research, professionalism and administration is perceived to improve the educational environment significantly and enhances academic performance of the learners. The Faculty Development Programme (FDP) has been considered as a standalone educational pedagogy in fostering knowledge and professional skills of the faculty. To keep all these points in mind, following objectives were framed according to the selected topic.

Objectives

The main objectives of organizing this program were:

- Setting the stage for successful interaction.

- Designing various e-learning materials for support.
- Choosing a virtual platform that allows synchronous communication.
- Effective ways to develop e-content

Date & Day	Programme	Resource Person
24 th June 2020 (Wednesday)	Inaugural Session	Prof. Pooja Arora
25 th June 2020 (Thursday)	The Right Perspective of ICT Tools & Techniques for Online Teaching - Learning	Ms. Chandra Aggarwal
26 th June 2020 (Friday)	The Right Perspective of Integrating Foundational & Methodology Papers through Online Mode	Dr. Anshul Rana Ms. Shikha Sharma Ms. Garima Ms. Shikha
27 th June 2020 (Saturday)	Pedagogical Considerations for the Online Teaching of Science & Maths	Ms. Sonam Dahi Ms. Pooja Gaur Ms. KP Singh Ms. Kirti Dahi Ms. Anshul Rana
28 th June 2020 (Sunday)	Pedagogical Considerations for the Online Teaching of Social Sciences & Languages	Ms. Karishma Singh Ms. Anshul Rana Ms. Sonam Dahi Ms. Shikha
29 th June 2020	Online Learning during Pandemic - Strengths and Limitations	Ms. Anshul Rana

Topic The Right Perspective of Organizing Online Classes was discussed in seven days with different sub themes which were as follow:

1. The Right Perspective of ICT Tools & Techniques for Online Teaching-Learning.
2. The Right Perspective of Integrating Foundational and Methodology Papers through online mode
3. Pedagogical Considerations for the online teaching of Science and Mathematics
4. Pedagogical Considerations for the online teaching of Social Sciences and Languages
5. Online Learning during Pandemic: Strengths and Limitations.

Day 1: Inaugural Session

The first day of the program started with the inaugural session, where Dr. Shikha Ranjan, Associate Professor, Gitarattan Institute of Advanced Studies and Training welcomed everyone. Ms. Shikha Sharma, Assistant

Professor, Gitarattan Institute of Advanced Studies and Training prelude with the schedule of the seven day Faculty Development Programme and welcomed guest speaker of the day Prof. Pankaj Arora from Central Institute of Education, University of Delhi.



He has highlighted some of major aspects like national platforms for learning from school to higher education, importance to curriculum development in regional languages, mass advertising for accessibility of educational resources and positive approaches towards online learning for the right perspective of organizing online classes. He has also thrown light on the crucial challenges for India in the upcoming scenario of Online Learning.

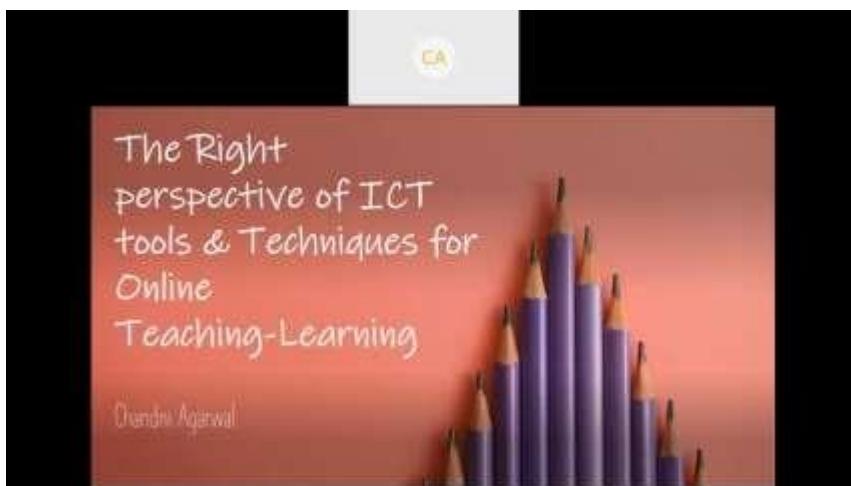
As India being the second largest populated country in the world and with the changes in the present situation it is important that teachers should use a constructivist approach and learners" should be engaged in the teaching-learning process. He emphasized that the right to education should be integrated with the right to technology.

Open house discussion was hosted by Ms. Garima, Assistant Professor where participants enthusiastically asked their queries and answered by the resource person Professor Pankaj Arora and in the last programme was ended with the vote of thanks given by Ms. Shikha Sharma, Assistant Professor, Gitarattan Institute of Advanced Studies and Training.

Day 2: The Right Perspective of ICT Tools & Techniques for Online Teaching-Learning.

On the second day of the programme, Ms. Chandni Aggarwal, HOD Computer Science Department, Maharaja Agrasen Public School, Pitampura took an interactive session on the sub-theme “The Right Perspective of ICT Tools & Techniques for Online Teaching-Learning”.

She has discussed how the technological enabled learning environments become more effective towards student centric teaching-learning. She began the session by explaining the meaning of ICT and the objectives of online teaching.



She emphasized on three major processes related to online teaching-learning i.e. content, pedagogy and technology. She explained the role and importance of these processes in the achievement of aims and objectives set for online learning.

She demonstrated various tools that are commonly in use for the pedagogical aspect to move from the physical classroom to the smart classroom to online classroom. She discussed about different e-learning tools such as Google meet, MS Teams, Padlet, Kahoot, Mentimeter, Google JamBoard, Socrative etc. She focused on the effective use of these tools where a teacher can engage, explain, elaborate and evaluate students in an effective manner. The purpose of using these tools is important because through online mode it is important to provide an environment where maximum participants can share their thoughts and learn in a better way. She also discussed available e-programmes like e-

pathshala and Swayam from where teachers and students can easily access the study material.

In this session she talked about various dimensions of conducting online classes. She gave demonstrations of some tools such as Canva, Kahoot, Socrative, Google forms, Google JamBoard etc. and engaged participants also where they can also explore and share their thoughts and views. She also used some games and quizzes where participants actively took part. Session ends with the discussion and queries of the participants were resolved by the speaker. Vote of thanks was given by Ms. Sarika, Assistant Professor, Gitarattan Institute of Advanced Studies and Training.

Day 3: The Right Perspective of Integrating Foundational and Methodology Papers through Online Mode

Third day of the FDP was based on the sub theme “The Right Perspective of Integrating Foundational and Methodology Papers through online mode” which was collectively taken by four resource persons which are Dr. Aanchal Rana, Ms. Shikha Sharma, Ms. Garima and Ms. Shalu. The discussion was started by introduction where they gave an overview of the meaning of education and what should be the right perspective of teaching-learning in the present scenario where everyone is experiencing the shift in the education system. The focus is on the integrating foundation and methodology papers where the focus is on engaging learners through online mode.

Education is based on the aims and objectives which are to be set on the basis of need of the society and nature of the learners. For online teaching-learning, it is important to frame aims and objectives for online teaching-learning where it is important to engage learners because we are shifting from regular classrooms to web rooms.

Aims and objectives can be achieved by curriculum transaction where it is important to identify topic/subtopics, framing objectives, deciding teaching points, selecting methods and approaches and evaluation of learners. Speakers explained this process of curriculum transaction with the help of an example and with that they integrated the foundation of education i.e sociology, philosophy and psychology. These foundations of education help and guide in the successful implementation of curriculum transactions. Different examples were given from these foundations of education in an elaborative way by the speaker to understand the topic of

discussion.

Apart from this, Resource persons also laid emphasis on the importance and use of different ICT tools. They gave demonstrations of tools such as Mindmeister which is used for making mind maps, Quizlet for videos and flashcards, Edpuzzle for games and Testmoz for creating tests and worksheets.

They concluded the session by highlighting the importance of integrating foundation and methodology papers where integrating ICT tools are equally important for effective teaching and learning.

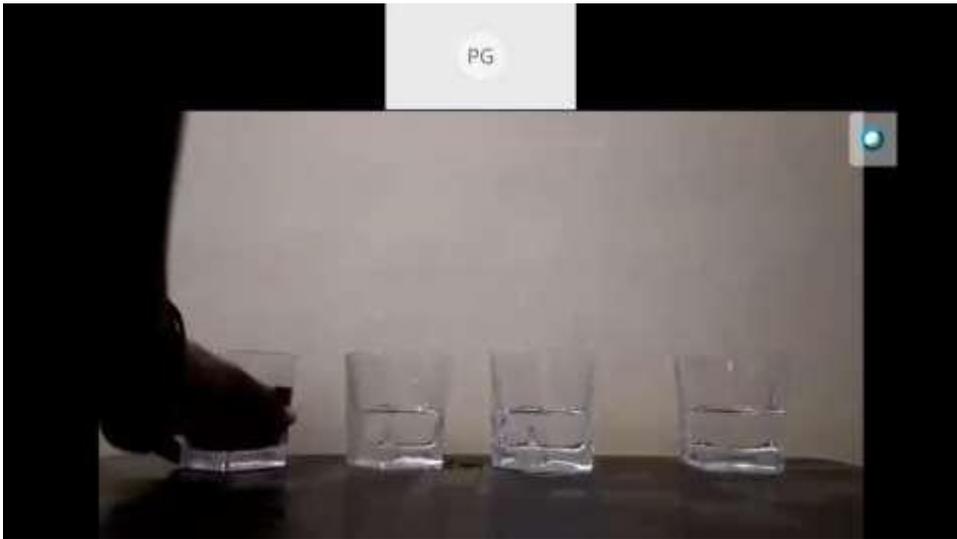
The session was ended with discussion where participants enthusiastically asked their queries and shared their experiences. Vote of thanks was given by Ms. Praveen Dabas, Assistant Professor, Gitarattan Institute of Advanced Studies and Training.

Day 4: Pedagogical Considerations for the online teaching of Science and Mathematics

The sub theme of the fourth day was “Pedagogical considerations for the online teaching of Accountancy, Science & Mathematics.” It was discussed by the three resource persons from the field of Commerce, Science & Mathematics. Ms. Neeru , Ms. Preeti Gautam, Mr. R. K. Singh, Research fellow in Ph.D Programme in Delhi Technical University in Plasma Physics. Ms. Aanchal Bahl, Mathematics Teacher in School and Dr. Ritu Dabas, Ph.D in Mathematics.

Firstly the session was started by Ms. Neeru Goel with the teaching of Accountancy Pedagogy. She has introduced relevant online teaching strategies for teaching accountancy in the classroom for XI & XII students with different tools to enhance the teaching learning process in the virtual platform. She has discussed effective use of e-books, online videos, use or white board.

Secondly the session was initiated by Ms. Preeti Gautam and Mr. R.K.Singh for the Pedagogy of Science. The session was very interactive and interesting. Ms. Preeti Gautam has discussed different ways to make learning of Science interesting to students where she incorporates the use of White board, virtual labs to perform practical videos and key points to deliver your curriculum in online mode.



Mr. R. K. Singh has discussed teaching Physics in an interactive manner so that students should be active & motivated to learn and keep themselves up to date. He has discussed the tips to keep a check on students' engagement in the classroom keeping in mind their own pace.

Thirdly the session was initiated by Ms. Aanchal Bahl and Dr. Ritu Dabas for teaching of Mathematics. As the focus was on providing exposure to learners so that they can solve basic problems and enhance their arithmetic and reasoning skills. The session was fruitful as the resource persons gave demonstration of using white board effectively for solving mathematical problems as they have suggested different ways of using it. They have emphasized on making mathematics class more interactive where it is important to use different worksheets, puzzles, games, PowerPoint presentations etc in the virtual mode of teaching.

The session ended with a discussion and vote of thanks was given by Ms. Neha Bajaj, Assistant Professor, Gitarattan Institute of Advanced Studies and Training.

Day 5: Pedagogical Considerations for the online teaching of Social Sciences and Languages

On the day fifth of the FDP, the sub theme “Pedagogical considerations for the online teaching of Social Sciences and Languages” was taken by different resource persons. First resource person, Ms. Ravita Singh, She

took a session on teaching of History where with the help of different examples she explained how the content can be delivered effectively. She focused on using videos, white board maps and globes. She gave emphasis on the use of live images and maps which can be effectively introduced by teachers.



Second resource person, Ms. Ashima Doomra, She took a session on Teaching of Economics where she focused on the role of different activities. She demonstrated the use of Padlets and explained how it can be used to teach different topics of Economics.

Third resource person, Ms. Seema Sharma, She took a session on Teaching of Hindi, where with the help of an example she explained how language class can be made interesting for learners. She demonstrated the use of Cisco Webex application where with the help of powerpoint presentation effective content can be delivered. She focused on the use of white boards where mind maps can be made, word meanings can be introduced and question answers can be included where learners can also be engaged.

Fourth resource person, Ms. Neeru Goel, She took a session on Teaching of Business Studies where with the help of different tools content can be delivered. She focused on making your own videos and providing access to learners. She also focused on giving different tasks to learners to assess the learning outcomes.

The session ended with a discussion and vote of thanks was given by Ms. Jyoti, Assistant Professor, Gitarattan Institute of Advanced Studies and Training.

Day 6: Learning during Pandemic: Strengths and Limitations

On the sixth day of the programme, Dr. Amit Ahuja, Assistant Professor University School of Education, GGSIPU. The sub-theme was “Learning during Pandemic: Strengths and Limitations”. He initiated the discussion of the online classes and various tools that teachers are using in their classes. There are different tools that can be used on the basis of different subjects for example, for the teaching of Mathematics, there are tools such as Geogebra, Geometry Pad, Maxima and Math Editor etc.



He emphasized on the strengths of online learning where it is easy to access different sources of knowledge, easy to connect, for creative teaching brain games are available free of cost.

He also emphasized on the limitation of online learning where it is not suitable for teaching all subjects and topics, limited interaction is there with teachers, teachers and students are suffering health issues and require more time than on campus learning.

The session ended with an open discussion hosted by Ms. Garima, Assistant Professor, GIAST, where queries of participants were resolved.

Valedictory Ceremony

Receiving an overwhelming response from participants, one week FDP on “The Right Perspective of Organizing Online Classes” came to an end with a valedictory address by Dr. S.K Bhatia, Former Associate Professor, CIE, University of Delhi graced by Hon“ble Principal Prof. Sonia Jindal, and Prof. Sonia Jindal, thanked all the participants and Dr. S. K. Bhatia concluded the programme.

After the valedictory ceremony the vote of thanks was given by Ms. Shikha Sharma, Assistant Professor, GIAST to thank the resource persons for sparing their valuable time and the audience who made this One Week Faculty Development Programme a great Success.

Outcome

All the sessions were informative and interactive. The areas discussed are of great benefit for the present working domain.