

Application of Online Teacher Education Programme for Developing High School Students Due to Present Scenario of Covid-19 Pandemic Crisis

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ABSTRACT

One of the most important areas of higher education system is teacher education. The progress & prosperity of a poor, large country depends on the quality of the high school education, which intern depends on the quality of its teachers at high school level of education. Teacher education is the associate part of the high school education system. It cannot be remained conventional as well as static while high school education is dynamic in character. Therefore, it can be transformed into a dynamic, progressive and responsive to high school education system. Online teacher education programme in the time of Covid-19 pandemic crisis is served to achieve the aims and objectives of teacher education by adopting practical & theoretical areas of teacher's professional development. The methodology of online teacher education in the time of Covid-19 pandemic crisis comprises in the form of study material audio-video programmes, assignments, personal contact programmes face – to- face academic counselling services, project work, teleconferencing, school based activities including community work as well as practice teaching.

The curriculum designed for online high school teacher education system must be learner' centred. Today educational technology is available to the teacher as well as students. By the use of successful educational technology in Covid-19 pandemic crisis, teaching-learning process is more effective in high school level. In this article I select the question is that a) how the teachers improve herself/ himself online learning in Covid-19 pandemic crisis b) use of ICT in teacher as well as students development in high school level? c) Actual role of teacher to develop high school student in Covid-19 pandemic crisis? The aims of the research I will try to give an overview how a traditional high school education turn into online classroom learning & professional development of high school teachers through online mode to overall development of high school students due to Covid-19 pandemic crisis.

KEYWORDS: Online Teacher Education, Covid-19, high school, student's development

INTRODUCTION:

In the time of Covid-19 pandemic crisis, online education is playing a vital role in would education system. Online education gives equal credits with regular course as per UGC guide. Online education has been changed the student's future in getting job in MNC, Central Government, state government and college or university. Degree/ diploma/ Certificate obtained through online Education should give equivalent status with traditional regular mode of education as per the Government norms. (Saravanakumar, A. R. & Subbiah, S., 2012). For effective classroom learning teacher's role is most important in a high school (Sarkar, P.K. & Mete, J., 2020). So, in the time of Covid -19 pandemic crisis, students as well as teachers online learning is essential for improving teaching-learning activists in the high school. As a developing country, the technological interference is not up to the mark to support mass learning on digital platform, so central as well as various state government in India take several steps to provide seamless educational services during this crisis period (De, E. & Sarkar, P. K., 2020). An urgent need in education sector, getting periodic approval

from UGC and NCTE for online teacher education & C.B.S.E. as well as all central and state government secondary and higher secondary board for online teaching- learning activities to improve high school students. Also need the curriculum is being updated in high school level as well as teacher education from time to time, online admission process, online examination on time, evaluation of answer script, also declension of results timely.

The area of research:

In this article I select the question is that a) how the teachers improve herself/ himself online learning in Covid-19 pandemic crisis b) use of ICT in teacher as well as students development in high school level? c) Actual role of teacher to develop high school student in Covid-19 pandemic crisis? The aims of the research I will try to give an overview how a traditional high school education turn into online classroom learning & professional development of high school teachers through online mode to overall development of high school students due to Covid-19 pandemic crisis.

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Online teacher education:

Online Teacher education is planned in the way to achieve the main objectives of teacher education by adopting multidimensional practices (Saravanakumar, AR & S. Subbiah, 2011). The instructional methodology for online teacher education comprise in the form of assignment, audio-video programmes, project work, face-to-face academic counselling services, teleconferencing, school based activities including community work as well as practice teaching. (Lever – Duffy, 2007). The in-service teachers taking admission as the students from different backgrounds as well as different schools and also they have different characteristics. Educational technology is a systematic as well as organized process of applying modern technology to improve quality education at high school level in the Covid-19 pandemic crisis (Sarkar, P.K., 2020). So, for online teacher education the strong philosophical base as well as a theoretical foundation for the curriculum must be able to explore the new possibilities and avenues.

The innovative technologies have been created more opportunities in the area of online education. It takes far more professional training through a variety of conferences, courses, professional literature, seminars, online courses etc in order to get a better knowledge in the application of educational technology (Sarkar, P.K.2020).

Teacher's role in online education:

The role of teachers in the present time of Covid-19 pandemic crisis for online education is more of a facilitator rather than a teacher. The teacher, as a facilitator has been provided a conducive as well as congenial environment. Teaching is a Nobel profession. A teacher is fully qualified for the profession will make every learner achieve the objectives of supervision in each online class. Specific students' motivational appeals focus on probable feelings, facts, right and wrong, student's rewards and student's threats (Sarkar, P.K., De, E., & Ghosh, P. 2020). To achieve quality assurance, every teacher should be continuously updated her/ his knowledge with the help of Internet-based Collaborative tools (Glave, J, 1998). There are growing as well as continuing need for systematic efforts to infuse educational technology in relevant ways in all the professional education programmes prepared by teachers or administrators or counsellors. It has been created to increase needs for high school teachers at all levels of education to use, develop as well as disseminate skills for educational technology as the driving force behind integrated and inter-disciplinary learning experiences that improve high school students for real life in the modern world.

Teaching competencies should be enhanced:

Our traditional education system is face to face teaching and our institutions have the great significance. There are nine basic needs for the high school students: 1) Security 2) adventure, 3) power, 4) exchange, 5) expansion, 6) acceptance, 7) community, 8) freedom and 9) expression (Sarkar, P. K., 2020, p-416). In a high school, the teachers and the students share their experience, knowledge and attitude and the education system is children centric. Students' development depends upon the efficiency of creative classroom management by teachers. The visionary purpose is continuing articulation of teacher's role as well as the fundamental purpose is in our image of teacher as a key reformer in education (Saravanakumar, AR & S. Subbiah, 2011). The teacher education is guided by the image of teachers as the reformer. It can be shown in a micro-teaching

training program for trainees pursuing Bed through online education. We have developed a training continuum to develop their teaching Competencies (Prema, P, 2011).

Application of ICT:

The advantages of ICT lie in its potential for increasing interaction with and between learners, response times and speedier delivery to queries and feedback on assignments, greater access to communities of teachers and quicker lead in terms for updating course materials while at the same time needing the establishment of effective quality assurance procedures (Punie, Y,2007). The Application of ICT is the developers of online education programmes of all kinds as well as for supporting administrative processes which involved in learner support. With the help of various applications of the internet and online education process, the High school teachers can see the advantage of using educational technology to the students (Sarkar, P.K. 2020, p-1144). Therefore, use of ICT especially in support of online education activities adds enormous values of the training. It encourages learning in teacher education through tools such as tutorials, assignment, broadcast programmes, computers, conferences and many more.

Approaches in Teacher education:

In the integrated approach of educational methods is teaching - learning activists. With the development ICT develops, the societal scenario changes very fast and new problems emerge every now and then (Padmini Devi,K.R & Saravanakumar, AR., 2018). The real fact is that the progress and prosperity is depend on the quality of teachers at all level of education, high school education is most important of them and teacher education is an integral part of total school education system. A remarkable area of higher education system of the present day is teacher education (Passi, B.K, 2000). On the other hand, online classroom learning in high school changes the teaching learning platform and environment to an interactive to students became independent learners in the time of Covid - 19 pandemic crisis (Sarkar, P.K. 2020). The structure of the global society would naturally multidimensional by having wider scope for innovations to be experimented and executed (Carswell, A. D. & Venkatesh, V, 2002).

Needs of quality teachers:

The quality teachers are fully qualified as well as equipped for the profession would be made high school students achieve the objectives of instruction in each online class. It is the systematic and scientific ways of conceptualizing the execution as well as evaluation of the high school educational process that is learning and teaching are continued by the help of application of modern educational teaching techniques (Sarkar, P.K. 2020).To achieve quality assurance of every teacher should continuously update her/his knowledge with the help of ICT tools (Saravanakumar, AR, 2016).The opportunity is Offering to develop a wide range of teaching as well as utilise of the variety of instructional methods and the teachers are the key reformer in education.

Conclusion:

In the time of Covid-19 pandemic crisis, Online education system has been come to stay as an accepted mode of education and has gain popularity. After improving teacher's skills and efficiency, the high school students will possess physical, emotional, intellectual, spiritual and moral values and all round integrated as well as complete development.

So, online teacher education is most important in much recent time. It has been created to increase the needs for high school teachers and at all levels of education to develop, use as well as disseminates skills. Teacher education being an integral part to develop the total school education system and cannot remain conventional as well as static while education is the dynamic in character.

The approach is multidimensional and transform into progressive and responsive system. In India many students as well as teachers is participated online education. So, online teacher education is the best solution for all round development in high school students as well as teachers.

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