

Impact of Online Education and Digital Learning in Covid-19

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ABSTRACT:

Online Education is taken a major role in the enhancement in the industries to optimizing the importance and presences in the field of Education asmajor unavoidable parameters in most of the area from learning environment from KG to Ph.D. to attain the maximum height in the education sector.

Indian Education system has taken a paradigm shift by giving a dominating role on the field of education by extending their full support towards online tutoring and digital platform a incredible position in the field of education

Online and Digital Education is become a key parameter of learning in the entire curriculum without having discrimination of student category in all levels and all sector educations School College Institute and, Universities

Online and Digital Platform has been further classified in to four segments or Key factor in its domain are listed below

- *Infrastructure*
- *Content Development*
- *Institution*
- *End Users – Students*

The above 4 components made the Online Education Successful and in details the importance and presences are elaborated in this article

KEYWORDS: *Online Education, Digital Education, Content Developers*

I. INTRODUCTION AND LITERVIEW REVIEW

I.1 Infrastructure

To enable steam less follow of the process infrastructure is the back bone of ONLINE AND DIGITAL EDUCATION. Infrastructure clears determines the platform used for the tutoring that is listed below with major components

Networking – Connectivity – Internet/Intranet /Bluetooth/other devices

Computer/Laptops/Mobile/Electronic Gadgets

Internet vendor

Service Provider – Application or Software service providers

We can broadly brief about the importance of infrastructure as a key factor of Online Education systems with well-established connectivity can only support the steam lessflow of the process with high level of integrity of learning without any disturbances through wired or Wireless mode of communication to set as a basic requirements of communication channel in the digital segments

Computer/Laptop/Mobile/Electronic Gadgets as major end user component with their quality, performances will enhancing their benefits and support system with hardware configuration to speed the process to deliver the communication system in effective ways in direct visionaries control or audio control mode and replying with response to the tutor by 2 way communication for effective learning and transforming their thoughts into live tutoring

Internet Vendor plays a vital role in entire communication system that is key back bone on Online tutoring mode with wired or wireless as developing nation in the world India has routed to the internet communication across the country to reach the digital transmission that had supported on covid-19 situation in very efficient manner to cater the student's community

Service providers – Software companies which is promoting the online tutoring different segments of the student through various method of teaching techniques with the loads of features in the added in each every development of solution to delivery by tutoring , interaction with assessment and continued by certification in the field of excellences by recognizing the course or mode of education to the extended level with career

developments to find out job opportunities for example non paid free service providers and paid services with the different levels of training packages

For example ,the common platform that is social media also attained as tool of the tutoring like facebook and You tube also acted majorly in the covid-19 for the education institutes and also the learner in all levels with free uploaded options and also with online live lectures are also made to reach the large segment of audience in the different levels of education without any additional expenses to their regular activities with the convince in time especially with prerecorded uploaded lectures and it is any time any were mode of learning without any influences of the faculties and free online channels in markets to taps and influenced to read the new segments in their field or out of field to uplift themselves in the interested areas from Cookery to research scholar and the same Kinder garden student to the laboratory researcher

Infrastructure has been provided with completely safety and security of the data privacy of the individual and the group policy of the domain in teaching has been taken in account with architecture, the infrastructure enabled to complete solution considering all parameters and data involved in each very step has been mined with protection of content, Data travel till the end users' consumptions and feedbacks

I.2 Institutions.

Universities,Schools, Colleges and Corporate Training division has great opportunities to explore their Online learning domain to reach the target communities inside and out of the box in very short span time to expand their wing to the greater extent

In covid-19 situations made all levels of the students community from kinder garden to research scholar the highest degree reader in the university Ph.D all was forced to use online learning to pursue the courses in different levels through their prescribed channels and all the domain they build their own infrastructure with content development to fulfill their pattern of teaching referring to their set target audiences in the class and also proven any were any time learning is made possible in India

Institution had some hard times initially to reach the segment students especially the school segment had very hard time to undergone online teaching and proceed with the assessment when compare to the colleges , University and corporate training community because the school is gurukulam method was been practiced across the nation in very predominant manner till date but this was broke by the Covid-19 situation in India to have change all around in teaching world of the Nation by enabling the Digital based leaning system

Institution has forced to take the technology development to adopt the online tutoring in the country and it was successful in urban cities without any second thought but reaching the rural segment it faced greater challenges with communication mode and infrastructure it was comparatively less support but considering the current situation the rural areas will soon become extra competitive in the education through this platform by access the their limits to sky

Institutions finally had a major influence of cost effectiveness and build a strong content base forecasting the future need in the library which will be brain storming always and also dependences on the teacher will also slowly get reduced by e-learning which is a negative sign in E- Learning and Online learning continuing to it the moral fear with teacher community is physical presences and classroom teaching can be reduced in the growth of Online teaching and it can be used as ready instant references but not as a regular one as to be concluded by the teachers.

I.3 Objectives of Study:

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II. CONTENT DEVELOPERS

Content Developer are real production unit people in other words who develop the product end to end to satisfy the need of customer at every point time Here in Covid-19 situation lot of new content development team has been developed by variety to list they are as follow

Independent Teacher (Free lancers)

School, University, Institutes, College as team from their affiliated organization

Private Companies – Infra and Software solution providers developed a team on Content development.

E – Publishing

Industrial Experts of various field has developed the contents in their domains

Content developers has been major influencer in booming the online education mode in covid-19 through the method of adopting the different tricks and technic to attracts the students and influences their teaching method to attract the targeted audiences in large population in every levels of students

Online Model of teaching the video enabled teaching method has major impact when compare to audio bridge model because of the image interrupted face expression and making it live like Offline class room techniques has been influenced on major front especially in Prerecorded video tutoring

Live Online tutoring in covid-19 has improvised in more interaction comparatively with normal online tutoring and it is the only ways to get the doubts clarified to the faculties and teachers and cleared then there for better understanding and lot of interaction with unknown to unknown his happen here with subject experts on common public domain learning channels rather than organization or individual tutoring

The simple logical teaching method within time frame has been effective in few subject experts on school , research level in Maths, Physics, chemistry ,computer science, and other field too and the same in the levels many of the publishers has transformed to e –publishing mode as key factor of growth in the upcoming time due to the shift in the technology and also reachability to the students through online publishing

E– Publishing industries has proven themselves in Covid-19 to market themselves as key to the book reading population by promoting their products through websites and other public domain links, Free and paid websites with the library of various content in all languages and also subjects to caters the audiences and to fulfill their needs on their learning curves.E-learning is become is part in our life style at covid-19 and it is the only sources at certain levels to continue the learning without gap and therefore it will be continuing entire journey of life in future too

Covid-19 -Content team has prepared lot of new segments with the micro levels of the various vast field in to short term courses to make it crisp with needs of the hour has been served in well efficient manner as expected by the readers and leaners

III. END USERS

End users are the students which directly getting benefited by empowering the knowledge through continuous learning and learning never stops for the person in his life till his end so everyone is leaner in their life by enhancing themselves through knowledge but since covid-19 Situation we look the student forces as major impact in online learning mode the students were leaned through entire new structure in technology enhancement

Regular Mode of learning is uplifted to Online and Digital mode of learning in last 3 months due to Covid-19 in India and it is been major factor learning stream in the school education with strong foundation of learning has been implemented in all class from primary to higher secondary schooling and the Govt of India supported to the core to establish the online learning curve to be in every corner of the country it is undefined growth within a short span of time for the end users and student were trained with new learning technology by indoor learning from their homes and complete safety measures were taken to monitor the students during tutoring session by the faculties and remote systems with the configuration features to have uninterrupted delivery and further it is developed to continue with assessment for evaluating their leaned skill sets of the students through online assessments and further enhanced with online evaluation for the teaching community to evaluate the assessment in secured system

Universities and Colleges has been next major segment of endusers of online tutoring in the various field like Medicine,Engineering,Arts and Sciences and also other aligned sectors have promoted their teaching through digital and online mode to cater their students for the continuity of education without any gap in the curriculum which defined by them and it was been effectively with the vast syllabus with the verification and interaction platforms that the featured in the online tutoring mode during Covid-19 many institutes to exchange their curriculum and their Content through various channel of communication through public and private domains to establish themselves to the best in the market and to promote themselves in the field they are and this made to students to adopt the new technology of reading without direct interaction, biased option was been disabled and very successful among the university and colleges a to exchange the ideas and it is a thought process to roll outthrough direct reach in short span of time

Corporate Training center and the Organization training is swing is used online mode training on day to day requirements for the skilled technical and management training are enabled for the workers in covid- 19 situation and it is really proven to the employers to overcome the current situation in very effective manner to cater the different segments of people in the company and new employee learning modules has been put in place for the development of the worker to prove their efficiency in the work area and also to develop their skill set for the future requirement by forecasting the need of the organization and aligned with the digital mode of training by maximum their efforts to overcome with Covid-19 by lot of psychological counseling, Periodical training calendars has been prepared on timely manner to train the employees regularly and also lot short term courses has been enabled with the assessment based to evaluate with certifications

IV. CONCLUSION:

Finally Covid-19 has major impact on the Online Education System in overall and enhanced it features to next levels and it will continue in the education sector as unavoidable position in the industry with many new technology and contents to perform the learners to high levels

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