



## Infrastructure and the New Education Policy 2020

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### Abstract:

*To become success of new education policy, infrastructural development is the foundation for a country's economic prosperity and help to improve the citizens quality of life. Focus of the study to estimate and analyse the areas where policy proposed action but it look very much unpredictable. A policy never become successful until having well organised infrastructure. New education policy needs to create open environment and operative public digital infrastructure in education system. Good infrastructure encourages students to attend schools and colleges more regularly rather than the ones without adequate facilities. Spacious classrooms, well equipped laboratories, well standard libraries, well-ventilated classrooms, theatres, courtyards, exam halls, sports grounds, etc, play a vital role in building a learning and positive environment. Location of an institution has enormous significance and should be set up in a suitable atmosphere which directly impact the performance of the students. The infrastructure consists of basic facilities such as transport, communications, power supplies and building etc. directly impact on faster economic growth of the country. Proper trained teachers can develop the country's education system, because well trained teachers can teach the students in a proper manner. Infrastructure can increase connectivity, facilitate productivity, create jobs and stimulate trade. New education policy needs of massive technology infrastructure for education. Poor infrastructure like lack of fund, insufficient provision of development resources and shortage of infrastructural resources in educational institution such as benches, play grounds, laboratories, toilets etc. Sometime with poor density of educational institutions, lack of transportation connectivity often results in poor enrolment and early dropout. Often education is not seen as a priority in rural areas. Proper infrastructure itself motivates teachers. Smaller class sizes, creative classrooms, interactive session, availability of natural lightning and proper ventilation ensure good comfort for teachers to impart knowledge and assess each student separately. Infrastructure in educational institutions is imperative for the advancement of a country. As a support system, it immediately affects all educational institutions by enhancing the quality education system.*

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**Keywords:** NEP 2020, Technology, Infrastructure

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### 1. Introduction

Education is always a fundamental way to achieve growth and development. Therefore, it is essential to design educational infrastructure in such a manner that it maximises the accessibility and effectiveness of education being delivered. It might be said that any place can be good for those who are interested to read and learn. But the fact is that when healthy environment is good, it creates energy and interest which ultimately help students to learn and perform better. Infrastructure is the collection of various systems and facilities that serve based on the educational growth of the country. Infrastructure provides the most basic facilities that help and serve different educational activities which help in the facilitation of the country growth. Infrastructure contributes positive learning environment and for that institution plays an important role in the development as the students focus on lab, classrooms etc., while its selection. It is an important for the institutions to have good infrastructure with advance laboratories with well-equipped equipment.

The NEP 2020 realised the importance of Early Child Care and Education (ECCE) and proposed to provide universal access of high quality of education for all children upto the age of 6 years by 2030. The policy also initiated to develop a flexible, multivariant and play-based curriculum of ECCE. The NEP 2020 enact enormous changes in India's education policy. It basic aims to increase state expenditure from around 3% to 6% of the GDP as soon as possible. Basic structure of NEP in school based on four stages study in the education system of students between 3 to 18 years of age. The new system of 5+3+3+4 school structure will comprise 12 years of school and 3 years of pre-school.

Basic concept of New Education Policy 2020 based on to create an open and interoperable public digital infrastructure in the educational institutions. Infrastructure in education consist of spacious and refurbished school buildings and well-ventilated class rooms, play grounds, libraries, toilets, drinking water facilities, science lab, art craft rooms etc. are always be the most important aspect of school infrastructure. School always be considered 2<sup>nd</sup> home for children, therefore, well-built school with good infrastructure is important for the children growth. Because most of the important hours they spent in the school. Building and its surrounding environment must be congenial as to make kids feel safe and take care of while they grow and learn. Environmental factors play a pivotal role when its academic performance is concerned. Overcrowded environment will always be affected on understanding levels of school children. Spacious and well-ventilated classrooms provide children excellent performance in academic development. Children doesn't like to be disturbed by loadshedding and uneven benches because this situation create lot of destruction in academic concentration. Good infrastructure encourages students to attend school more regularly. Every school need library, lab, IT, natural science to ensure students have some fun and learn new things every day. There were also needs practice and rehearsal spaces for cultural activities and talent development. In any school environment where a certain percentage of students always inclined towards creating form of expression. To enhance and recognise the talent of students there need to be create facilities in different aspects. School plays a pivotal role in shaping kids' perception and personality; therefore, school infrastructure plays an important role in framing a healthy environment for children.

## **2. Objectives of Infrastructure**

Infrastructure plays an important role in students' life. A good infrastructure with adequate space makes it a desirable place for students for study and always make favourable environment for students. A good infrastructure in school makes interacting and motivate them to come school. Schools have to take responsibility to create an environment that not only assure learning, but have to pay special attention mental and physical well-being of the students. Students must be provided a learning atmosphere to every student where they acquire knowledge and skills to grow as a responsible individual. Schools need to provide quality education along with proper facilities where students get experience a holistic academic development along with extra-curricular activities. School is the second home of a child. It serves variety of function and boosting confidence to teaching them the value of education, schools, mould a child life. Away from home, school become the primary location for children. Students spend most of the time in schools, therefore, school students' attendance and interest of learning bound to improve.

Infrastructure encourages kids to attend school regularly. School must provide warm, comfortable, and welcoming to the kids. Overcrowded environments affect the understanding levels of school children. A decent infrastructure is essential for quality education. It was observed in the past that good infrastructure encourages kids to attend school regularly than on the other part where ones without any adequate facilities. A school must bring such types of atmospheres where kids feel warm, comfortable, and well coming. Overcrowded environments always effect on understanding levels of school children

### 3. Proper Utilisation of Digital Tools

Technological upgradation particularly in digital fields rapidly advance the pace of progress and development. Massive changes have been taken place in the field of education over the past decades and this cannot be done without the incorporation of a solid digital infrastructure. Digital infrastructure refers to the set of tools and technologies that form the solid foundation of the institutions. Schools require to set up digital space of the internet. Digital tools should continue to operate smoothly and also has to improve and enhance their overall efficiency and effectiveness in short term as well as long term. A solid and strong digital infrastructure in school is one of the most basic and fundamental aspects to consider an expansion into the online world web. Digital learning was an option before the outbreak of pandemic covid-19. But during pandemic and after that schools were realised its important and incorporated technology in a part of their educational system via smart classrooms, IT infrastructural development. Experiences shown during covid-19 that to continue imparting knowledge to millions of educational aspirants. Schools and colleges had to shut down campuses due to spread out of virus but smartly adopted the digital medium of instruction delivery module. Hence, educational institutions have to invest and built up the digital infrastructures to make education accessible for all the students.

### 4. Conclusion

Importance of infrastructure in the education is the need of hour and steps need to be taken towards improving it. School must invest a lot in setting up and maintaining their infrastructure to make sure that they can easily be always accessible by all the students. School is a place where students spend maximum time in learning and doing other curricular activities. It is duty of the schools to focus on the infrastructure and create environment that not only encourages learning but also focuses on the mental and physical well-being of the students as well. Proper training led to expand knowledge where teachers update with the change of time and of course develop the country education system. Well trained and skilled teachers can teach the students in a proper manner. As infrastructure is concerned buildings, classrooms, laboratories and sophisticated equipment in educational institutions are crucial elements of learning environments in schools and universities. Various strong evidence witnesses that high quality infrastructure facilities, better instruction improves students' outcomes and reduces dropout rates. High quality classrooms help students better to enlighten their knowledge through interaction with teachers. Today classroom require art screen and video conferencing equipment, colleges now require sustainable design and green spaces where safety and security standards need to be high priority. The quality of infrastructure of students housing are also an integral part of educational development. The climate of typical hostels with shared bathrooms and below par quality of food creates a frustrating environment that unnecessary hurdle in the growth in students' education career. Therefore, it is the need of the hours to provide the high quality of comfort, hygiene, food, furniture and interiors.

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