



## A Study of Transforming Teacher Education Under NEP-2020

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### Abstract:

*The 2020 education policy serves as a bearer and embodiment of national progress. A good teacher can effectively manage the classroom environment, which is a goal reflected in this education policy. To reform the education system and make education more qualitative, a new education policy was adopted in 2020. This education policy will bring about a radical transformation in India's education system and give birth to a new education system. Therefore, research on the 2020 education policy has shown that the approach and structural reforms have significantly influenced systemic changes in the education sector and the teacher training process. In this education system, we see a shift away from separate institutions towards a multidisciplinary approach, where the entire education system is being managed through a technology-enabled ecosystem. This research shows that the education system has incorporated a four-year B.Ed. program, where our subject-specific knowledge, teaching methods, and continuous training and research are integrated in a holistic manner. This research highlights the importance of students' professional skills as well as teachers' professional skills, and emphasizes the use of inclusive education and technology-based education. Here, importance is given to education based on experience and qualifications. The country and the state are facing a challenge in implementing what has been highlighted in this research.*

*Nevertheless, this education policy provides a powerful framework for transforming teachers and education in new ways.*

**Keywords:** *NEP 2020, Teacher Education, Four-Year Integrated B.Ed., Multidisciplinary Education, Professional Development, Inclusive Education, Experiential Learning, Technology-Enabled Ecosystem, Educational Reform.*

### Introduction:

We all know that teachers and education are the backbone of the nation. A nation progresses only when it receive. The education system is going to change, from primary education to higher educations quality education. Considering the overall progress of the nation, a radical change has been brought about in the education system today, particularly in the 2020 education Policy. The main objectives of this education policy are to provide equal opportunities in the field of education, introduce skill-based education, implement quality education, and ensure the overall development of education. In that case, the teacher will play a significant role as a facilitator. The implementation of this education policy is expected to take until 2030.

## NEP-2020 background

The National Education Policy was adopted and replaced in 2020, 34 years after the 1986 policy. Here, Indian education is transformed into a global knowledge-based education. This education emphasizes quality, acceptability, and professionalism. Since 1986, educational policies have been adopted to observe and address the advancements in technology and society worldwide. Discussions about the education system began after 2015. This education policy was finalized under the chairmanship of Sri T.S. Subramanian and Dr. K. Kasturirangan. This student received final approval on July 29, 2020. The goal of this education system reform was.. Instead of rote learning, an skills-based and experience-based education system should be introduced, The ten+two system is being transformed into a 5+3+3+4 system. Providing opportunities to those who are deprived of them, and focusing on vocational education for employment and skill development. Recruiting and developing professionals, The use of technology through the National Educational Technology Forum (NETF). Authorizing foreign universities to establish universities in India; establishing HECL. By taking these steps, NE20 receives approval to adopt a modern, accessible education system, thereby enhancing the country and nation's acceptability on the world stage.

NEP 2020 education policy's structural changes-The 2020 education policy reshaped the education system, bringing about structural changes to enhance Indian knowledge and skills and to strengthen India's presence in the global arena.

Teachers improve the education system and shape the citizens of the future, To improve the quality of social life, education must be transformed into a respected profession, and its appeal must be increased. By transferring teachers and education to multidisciplinary institutions, subject-specific and pedagogical skills will be enhanced, and a four-year B.Ed. curriculum will be introduced for this purpose, Teachers and principals can adapt themselves and keep pace with the times, and for that, they need to advance education through technology and make ongoing CPD mandatory, Arrangements should be made so that teachers can receive training to teach both regular students and those who are special needs children, In addition, it aims to foster a sense of culture among students with disabilities and promote a sense of inclusion, Emphasis is placed on modernization by utilizing technology for teaching and learning, To expand Indian education, it is suggested that teachers be trained in Indian knowledge and values in local languages,

Why has NEP 2020 focused on teacher education-A good teacher can manage the education system effectively and reform it to make education more qualitative. Which has been adopted as a lesson learned from 2020. So that this education policy brings about a radical change in India's education system and gives birth to a new education system. Therefore, this research examines how the National Education Policy of 2020 significantly influences structural reforms and pedagogical changes in teaching and learning training. To take the current teaching-learning process in India to a more advanced level and to address the difficulties that will be encountered in managing this advanced stage, a four-year B.Ed. program has been arranged for teachers. Where our specialized prior knowledge and teaching methods integrate systems and research in a holistic way, emphasizing the enhancement of students' professional skills. Strengthening the school education system through inclusive education and the use of technology in education. He 2020 education policy acts as a facilitator and driver of national progress. Here it is observed that this education system is being implemented by moving away from separate institutions and instead adopting a multidisciplinary approach, utilizing technology within a single, integrated system. An entrance examination system has been introduced for teachers to improve the functioning of the education system. The research has shown that establishing national professional standards involves improving the professional standards of teachers. Here, importance is given to education based on experience and qualifications. However, despite facing challenges in implementing the issues highlighted in the research, it can be said that a strong framework has been provided for managing teachers and education in a new way.

#### **4 Years B.Ed program and Transforming teacher education**

The course introduced in the National Education Policy in 2020, known as ITEP, is referred to as a four-year integrated B.Ed. program. Here, specialized training has been combined with educational training to enhance subject-specific skills, and this course has been launched for school teachers at all levels. This course has some special features-Here, B.Ed. and B.Sc. B.Ed. degrees are awarded, Here, the focus is on increasing children's professional interest through subject-specific knowledge and professional education in various fields, and they are encouraged to pursue this education from childhood, Inclusive education has been incorporated into this policy framework. Here, the NTA conducts national entrance examinations, which are administered by the NCT, By 2030, a minimum entrance examination system for teachers and a four-year B.Ed. course will be introduced, The two-year B.Ed course will be for graduates, and the one-year B.Ed course will be for postgraduates, The teacher training institution will establish a university and set eligibility standards for multiple postgraduate colleges, and introduce a four-year mBA and B.Sc. Bed course. They arranged a 20-week internship program for those who would complete the four-year course and launched a mentorship mission. To make the teaching profession more attractive and to enhance professional standards, emphasis should be placed on career advancement, salary increases, rapid promotions, and equality, Provide a minimum of 50 hours of annual training to further improve professional standards, Emphasis will be placed on conceptual, experiential, and inquiry-based learning instead of rote learning.

#### **The role of the 2020 National Education Policy in implementing skills education in schools**

The NEP 2020 has set a target of bringing skills education to 100% of schools in India. It will be made available to 50% of the students by 2030. To implement this, India's largest national board, CBSE, has taken steps in 30634 schools.

They have introduced 33 subjects, such as coding, data science, design thinking, and mass media, as skill models for students in grades six through eight. It has been included with 42 subjects of secondary and higher secondary levels. Specific subjects have been focused on with a view to future employment opportunities. Three aspects become clear from CBSE's approach to integrating skills education in schools. Firstly, it offers opportunities for courses in cutting-edge technologies such as 3D printing, drone technology, and artificial intelligence, as well as traditional subjects like Kashmiri embroidery, pottery, and herbal traditions. Secondly, it encourages schools to develop a flexible curriculum that balances the needs of local industries with the skill development requirements of students, making them suitable for employment opportunities in the surrounding context. Thirdly, in collaboration with industry leaders, CBSE actively provides opportunities for curriculum design, teaching resources, and handholding and mentoring programs for schools to effectively implement these subjects.

#### **Key Aspects of Curriculum and Pedagogy under NEP 2020**

The new curriculum framework has been created according to the 2020 National Education Policy. In this curriculum, children aged three to eight in the first and second grades will focus on play-based or hands-on activity-based learning. Children aged 8 to 11 years attend third to fifth grade, and during this time they will focus on sports, creative thinking, and light reading. From ages 11 to 14, they will study in grades six through eight. During this time, they will focus on subjects such as mathematics, science, art, and experiential learning. Between the ages of 14 and 18, when they are studying in the ninth and tenth grades, they will engage in various types of studies and focus on critical thinking, skills, or vocational education. This will bring about some educational changes, and they will learn things with understanding and apply their critical thinking skills in situations where they need to seek out information. This education policy will break down subject-based divisions, allowing students to study subjects they are interested in, and education will be imparted using technology. The aspects of the curriculum that have been given more focus are those that ensure the overall development of the student. IN this education policy, the curricula have been designed

in such a way that the students can solve their own problems. Emphasis has been placed on making the subject matter easier to understand, and skill-based learning has been emphasized from the sixth grade onwards. Furthermore, this education policy mentions providing education that fosters Indian culture and values.

### **Key Pillars of NEP-2020 for Teachers-**

NEP 2020 focuses on four main pillars to elevate the profession:

Focus Area Impact

NPST National Professional Standards for Teachers Defines expectations for roles at different career stages.

CPD Continuous Professional Development Mandates 50 hours of training per year for every teacher.

NMM National Mission for Mentoring Creating a pool of retired/senior faculty to mentor juniors.

Merit-Based Recruitment & Tenure Transparent

CRITICAL Analysis of NEP-2020 Teacher education reformation

Positive aspects and strengths

The positive aspects and strengths of the 2020 education policy were:

The four-year marriage program enhances existing skills and develops professional expertise,

Transforming independent institutions into universities and colleges enhances understanding,

This training program, spanning over 50 hours, is geared towards advancing one's career,

The emphasis here is on digital platforms,

The professional standards of teachers have been strengthened here.

### **Important challenges and implementation-**

Establishing multi-purpose institutions in rural areas has become a logistical challenge, There is a shortage of competent Yajna teachers, The lack of internet access in the rural area has become a problem for the teachers here, Mentally, too, this has become an obstacle to bringing about change, The government is facing obstacles in providing financial assistance.

### **Recommendations for effective change-**

The suggestions that have been given for changing the 2020 education policy are as follows:-

1. Close down substandard institutions and implement clustering so that colleges can be made suitable for multidisciplinary studies
2. To implement the iTEP pilot model, start with universities and gradually expand it, ensuring cooperation from the central and state governments.
3. The use of artificial intelligence and digital technology is recommended to enhance efficiency in the education sector, along with providing training to teachers.

4. To attract enthusiastic and talented candidates, ITEP should improve its work environment and salary structure.
5. Create high-quality training content for DIKSHA in regional languages.
6. Make the curriculum relevant for the students.
7. To improve internships, ensure that IT companies build good relationships with schools.
8. Arrange for examinations through NTA so that interested candidates can enter this profession.
9. In addition to launching the national mentoring mission, focus on ensuring professional development for individuals.

The 2020 education policy plays a significantly important role in reforming the education system. Although we have not yet achieved complete success here. To achieve this success, we need to dedicate more time, understand it thoroughly, and learn how to use it effectively. Alongside this, we must move forward with the cooperation of both the government and the public. We must always remember that we can and will overcome all the challenges we face in making our education system stronger and more reliable. Moreover, a modern and relevant social system can be created based on this education policy.

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