

Emerging Trends in Teacher Education Under NEP2020

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ABSTRACT

Through the goal of bringing about a paradigm shift in how teacher education is delivered, the National Education Policy (NEP) 2020 constitutes a key milestone in India's educational system. It highlights the value of transdisciplinary instruction, technological integration and education and care for young kids. One kind of program that is very transformative, inquisitive, and universal is teacher education. Modify Programs for teacher education should be created with needs and desires in consideration. A world and civilization in transition Thus, every step of the recruiting, onboarding, training, reward, retention, and feedback processes for teachers needs to be carefully planned properly. Additionally, insuring that the greatest education occurs in the classroom ought to be the ultimate objective of in-service teacher development. For it to provide the next generation of teachers with the necessary skills to effectively integrate technology into their teaching practices, teacher education programs ought to incorporate experiential learning opportunities and hands-on training. It is recommended that teacher education courses be revised to incorporate thorough instruction on technological and digital tool integrating practices. Examine suggested changes to professional development and teacher preparation programs in order to guarantee that educators have the abilities and know-how to successfully execute new educational campaigns. mentoring, on-site academic support for teachers, training courses, Peer learning, distance education, and practicing instruction in a classroom under an outstanding instructor are a few possible avenues for teachers to develop their ability to greet plurality. The instructor Development tends to be an ongoing endeavor rather than something that occurs once and for all. Be flexible and involved. Just as effective as career-long teacher development. A instructor ought to With his knowledge, he can help learners grow. There ought to be educators who have the ability to make learning fun. Both in-service and pre-service training are required. The primary aim of the dialogue will be to examine particular reforms that have been proposed suggested for the education of teachers, like the enactment of multidisciplinary training programs and chances for ongoing professional development. The significance of incorporating technology into teacher preparation programs and the importance of mentoring to improve teaching methods will also be addressed in this essay. Learners' ought to be prepared for complete growth and continuing education throughout their lives.

How to cite this paper: Shibsankar Jana "Emerging Trends in Teacher Education Under NEP2020" Published in International Journal of Trend in Scientific Research and Development (ijtsrd), ISSN: 2456-6470, Volume-7 | Issue-6, December 2023, pp.744-750, URL: www.ijtsrd.com/papers/ijtsrd61305.pdf



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KEYWORDS: *Teacher education, Trends in Teacher Education, Teaching Learning*

INTRODUCTION

"A teacher can never truly teach unless he is still learning himself, A lamp can never light another unless it continues to burn its own flame." R.N. Tagore. On the 28th of July in 2020, the Union Cabinet of Education, India, approved the National

Education Policy (NEP). After 34 years, the Indian government conducted workshops and debates to get input from more than two lakh stockholders in two National Parliamentary Level Committees over the course of more than four years. The National Council

for Teacher Education (NCTE) became an officially recognized organization in 1993, and the National Policy on Education was implemented in 1986. These developments also had an influence on how NCERT operated. Indian Central India's education system should be completely transformed and rationalized, according to the Cabinet-approved National Education Policy 2020. The emergence of the understanding age has made it necessary for teacher training to adapt to the rapidly evolving technology landscape and provide models and resources for enhanced educational opportunities. A teacher education system developed by Indian values that can provide high-quality mass education to all. Respect for the basic responsibilities and constitutional values of the teacher himself, change in the country's society, responsibility, sense of duty, creating capable citizens, ancient and modern culture, and knowledge skills—the traditional method of acquiring values is completely dependent on the teaching profession. NCFTE will implement it in a brand new and thorough national curriculum. Which will be employed for the development of the NCERT syllabus. NEP 2020 foresees the positive impact of the use and integration of technology. It has also created an autonomous body, the National Educational Technology Forum (NETF), to support and adopt interventions. As recommended in NEP2020, the introduction of 4-year integrated B.Ed. By 2030, such multidisciplinary HEIs' programs will become the minimum degree qualification for school teachers. A teacher education program based on Indian ideals that may provide high-quality mass education to everybody. The teaching profession is the only factor that influences the traditional approach to gaining values. It entails expertise and abilities, respect for the fundamental duties of teachers and democratic ideals, societal shifts in the country, accountability, a sense of duty, producing capable citizens, and both ancient and contemporary culture. NCFTE aims to integrate it into a comprehensive, brand-new national curriculum. Which will be applied to the growth of the NCERT? An overview. NEP 2020 expects technology integration and application to have a positive impact. It also created the National Educational Technology Framework (NETF), an impartial body that grants program approval and funding.

Objectives of the Study:

1. To study NEP 2020's perspective on teacher education.
2. To discuss the NEP 2020's view of teachers' roles.
3. To find out the trends in teacher education.

Methodology: The paper is trying to explore it in a qualitative way. Some journals and e-content relating to NEP2020 teacher education are studied.

Importance of Emerging Trends in Teacher Education:

New developments in teacher education are critical because they give teachers the skills and information they need to adjust to the ever-changing demands of their pupils. By keeping abreast of current research and pedagogical techniques, instructors are better equipped to design engaging and productive learning environments. Furthermore, schools may recruit and retain highly qualified teachers who are prepared to fulfil the demands of a fast-changing educational landscape by implementing current developments in teacher education. Stress how important it is for teacher educators to stay contemporary with developing trends in the field. It is essential for educators to be abreast of recent advances in the field of instruction for teachers since it keeps them productive and current in their teaching strategies. Teachers can more effectively engage students and accommodate their different learning requirements by staying up to date on new methods and technologies. Incorporating these trends into teacher education also guarantees that educators are being prepared to navigate the always evolving educational landscape with effectiveness, which in the end benefit students and education as a whole. The ways in which these patterns can improve student learning outcomes and instructional strategies. These creative methods and instruments can help teachers create more dynamic and interactive environments for learning. Examples of these trends in instructional methods include the use of technology and individualized learning approaches. For instance, students can access instructional materials at any time and from any location through educational apps and online platforms as well which encourages self-paced learning and the development of independent thought procedures. By adapting their teaching methods to each student's unique needs, instructors may make it more efficient and individualized, and may result in better educational results. Describe how NEP 2020 promotes teacher education that takes into account new trends. The National Education Policy (NEP) 2020 highlights the significance of digital literacy and the incorporation of technology in educational institutions for teachers, hence promoting the integration of modern developments in teacher education. NEP 2020 encourages educators for teachers to integrate educational applications as well as digital networks into their curricula because it acknowledges their capacity to improve the way students learn and learn. This guarantees that aspiring educators have the know-how to make the most of

new developments in the field of education, which will eventually benefit students by giving them a more customized and intriguing educational experience.

Technology Integration in Teacher Education:

How technology has grown into an increasingly vital component of teacher education and how it might improve the results of student learning and teaching methods. Through the use of interactive platforms, teachers may involve students in learning, experiment with novel methods of instruction, and create individualized learning experiences for each student. Virtual reality and artificial intelligence are two examples of cutting-edge advancements in technology that teachers can use to create dynamic, immersive learning environments which cater to every requirement of their pupils. NEP 2020 acknowledges the value of technology in teacher preparation and promotes incorporating advances in order to give educators the tools they need to use technology efficiently. Examine the advantages of employing technology in the classroom. With the use of technology, teachers may now provide teaching in a style that is more dynamic and interesting for pupils. Because they may study subjects in-depth and use educational resources at their own pace, it enables individualized learning experiences. Technology also makes it possible for teachers to monitor their students' progress and give them quick feedback, which improves learning in general. Give concrete instances of how technology might be incorporated into programmes for teacher education. Virtual reality, or VR, simulators are one specific example of the way technology can be incorporated into teacher preparation courses. In a virtual classroom setting, teachers can obtain training, practice their teaching methods, and get feedback from more seasoned educators. When entering a real classroom, instructors can obtain invaluable practical experience with this immersive program. The incorporation of online learning platforms and resources into programs of teacher instruction is another such. These platforms give teachers access to a vast array of instructional resources and lesson ideas.

Social-Emotional Learning (SEL) in Teacher Education:

Describe the significance of social and emotional learning for teacher preparation and the effect it has on the welfare of students. Talk about how the National Education Program 2020 highlights the need to include SEL in teacher training courses in order to support holistic development. In the context of teacher education, define social-emotional learning. Examine the many tactics and methods that can be employed to include social and emotional

development into education for teachers. Some of these tactics include exercises for mindfulness, activities that foster empathy, and conflict resolution methods. Describe the value of social-emotional learning for teachers and how it affects the wellbeing of their students. Talk about how SEL integration in teacher education programs is highlighted by NEP 2020 as a way to support holistic development. Give an explanation of social-emotional learning in relation to teacher preparation. Examine the many methods and strategies—such as mindfulness exercises, empathy-building activities, and solving disputes techniques—that can be employed to integrate social-emotional learning into educational programs for teachers. Give instances of how SEL can be included into teacher preparation programs to give aspiring teachers the tools they need to encourage social and emotional learning in the classroom. This could entail giving student teachers the chance to watch and practice SEL approaches in actual classroom environments, integrating SEL practices and strategies into courses, and providing current educators with continual SEL professional growth. We can make sure that instructors are equipped to foster inclusive, caring settings where kids may flourish intellectually, emotionally, and socially by incorporating SEL into teacher training courses.

Provide competency-based education priority.:

Evaluations and inspections are being used in teacher training programs as part of the shift to competency-based instruction to measure certain knowledge and skills. This strategy guarantees that aspiring teachers gain fundamental skills and encourages individualized learning. Teachers can improve their educational efficacy and discover areas for growth through receiving regular assessments and criticism. Through assessments, educators may better meet the requirements of each student, modify their lesson plans, and improve their pedagogy. This ongoing process of evaluation and feedback guarantees that educators are prepared to address the evolving needs of their students. Insights are gained via student input, which promotes a supportive learning environment. Describe the move in educator training programs toward competency-centered instruction and how it fits with the objective of making sure that instructors have the know-how and abilities needed to properly instruct students in the quickly evolving world of today. B. Examine how competency-based education enables instructors to have individualized educational experiences and focus on areas in which they believe they still have room for improvement. The emphasis on making sure instructors have the expertise and understanding needed to adapt to the constantly shifting educational landscape has led to a surge in

the use of based on competencies instruction in teacher training programs. This change acknowledges that time-based, traditional methods might not fully train teachers for the wide range of demands of today's children. By concentrating on particular competencies, like cultural competence, technological integration, and techniques for instruction, Outline the shift toward competency-centerer education in educator training courses and how it aligns with the goal of ensuring that instructors possess the skills and knowledge necessary to effectively instruct students in today's rapidly changing world. B. Consider how competency-based education allows teachers to customize their learning experiences and concentrate on areas where they feel they still need to grow. The usage of competency-based training in teacher training programs has increased dramatically as a consequence of the emphasis on making sure instructors have the knowledge and skills necessary to adjust to the rapidly changing educational landscape. This modification recognizes that traditional, time-based methods may not adequately train instructors for the diverse needs of today's students. By prioritizing these skills, competency-based education prepares teachers to navigate the complexities of today's rapidly changing educational landscape and better meet the diverse needs of their students. Promote the necessity for educators to adjust to evolving expectations and requirements in the classroom. Teachers must constantly modify their teaching strategies to match the changing requirements and wants of their pupils in an era of technology developments and shifting educational trends. This entails keeping up with the most recent developments in pedagogy, incorporating technology into the classroom, and creating a learning environment that is focused on the needs of the students. Teachers may make sure that they are successfully educating their pupils for success in a world which continually evolves by acknowledging the requirement for flexibility.

Inclusive Education: Inclusive education is another important aspect that teachers must consider in their teaching methods. It involves creating an environment where all students, regardless of their abilities or backgrounds, feel welcomed and supported. This can be achieved through differentiated instruction, collaboration with special education professionals, and promoting a culture of acceptance and respect among students. Ultimately, by embracing inclusive education practices, teachers can empower all students to reach their full potential and contribute to a more inclusive society. Discuss the importance of inclusive education in teacher training A. Inclusive education is crucial in teacher

training as it equips educators with the necessary skills and knowledge to create an inclusive classroom environment. By understanding diverse learning needs and implementing effective strategies, teachers can cater to the individual needs of their students. Additionally, teacher training in inclusive education promotes empathy and understanding, fostering a more inclusive society beyond the classroom walls. Explain the benefits of creating inclusive classrooms that cater to diverse learning needs and abilities Creating inclusive classrooms that cater to diverse learning needs and abilities has numerous benefits. Firstly, it allows all students to feel valued and included, promoting a sense of belonging and self-esteem. This, in turn, enhances their overall academic performance and engagement in the learning process. Secondly, an inclusive classroom fosters a positive and respectful learning environment where students learn to appreciate and respect differences, leading to the development of empathy and tolerance. Ultimately, these skills are crucial for students to thrive in a diverse society and contribute. Highlight the challenges teachers may face in implementing inclusive practices and provide strategies for overcoming them C. Highlight the challenges teachers may face in implementing inclusive practices and provide strategies for overcoming them. However, implementing inclusive practices can present several challenges for teachers. One common challenge is the lack of resources and support from school administrations, which can hinder the implementation of inclusive strategies. Additionally, managing a diverse classroom with students of different abilities and learning styles can be demanding for teachers. To overcome these challenges, teachers can seek professional development opportunities to enhance their knowledge and skills in inclusive education. Collaborating with colleagues. RCI statutory body teacher education 2020 NEP Importance RCI (Rehabilitation Council of India) is a statutory body that plays a crucial role in teacher education, especially in the context of inclusive education. Its guidelines and regulations help ensure that teachers are properly trained and equipped to cater to the diverse needs of students with disabilities. The 2020 National Education Policy (NEP) recognizes the importance of RCI's involvement in teacher education, as it emphasizes the need for inclusive practices in schools. By following RCI's guidelines and incorporating them into their. A newly visualized teacher education program put forth by NCFTE (National Curriculum Framework for Teacher Education) also emphasizes the importance of continuous professional development for teachers.

This program aims to provide teachers with ongoing opportunities to enhance their pedagogical skills and stay updated with the latest educational practices. Additionally, NCFTE encourages collaboration among teachers, allowing them to share best practices and learn from each other's experiences. These initiatives aim to empower teachers and equip them with the necessary tools to deliver high-quality education in line with the new curriculum guidelines.

Trends in Teacher Education: Programs for teacher education have placed a strong emphasis on personalized educational approaches, which emphasize tailoring instruction to each student's unique needs. This trend extended to teacher preparation programs, which now provide customized training based on the areas of strength and growth for aspiring teachers. It is now more crucial than ever to prepare teachers to work successfully in classrooms with a diverse student body. Teaching with cultural sensitivity is part of this. Teacher education programs starting to include modules on equity, cultural proficiency, and strategies for creating inclusive and culturally mindful learning environments.

Creative methods of instruction: flipped classrooms, project-based learning, inquiry-based learning, and hands-on education are merely a few of the innovative teaching strategies a teacher's school is adopting. Aspiring teachers can engage in more meaningful and engaging interactions with their pupils by using these techniques. Because more people are aware of the challenges teachers face, head educator training programs are paying more emphasis to the improvement of teachers' emotional and physical well-being. Teachers are getting instruction on how to support their own emotional well-being, balance their professional and private lives, and manage stress. **Global and cross-cultural viewpoints:** Teacher education programs are adopting worldwide perspectives in order to train professionals for a connected society. This covers opportunities for cross-cultural dialogue, exposure to foreign teaching techniques, and cooperation across borders

Micro credentials and continuous professional development: The concept of micro credentials, which are short-term, skill-focused certifications, has gained popularity in the field for teacher training. Teachers can obtain micro-credentials to show that they have expertise in areas such as incorporating technology for differentiated instruction. In teacher education, the benefits of teacher engagement are highlighted. Pre-service teachers should engage in professional learning communities, collaborate with peers to develop curriculum, and discuss best practices.

Regarding assessment literacy: Education for Teachers Programs equip teachers with the necessary resources to effectively implement assessment competence. This entails being knowledgeable about the various techniques for interpreting assessment results and using them to guide instructional decisions. Given the growing awareness of issues related to the environment, some teacher training programs have included environmental and sustainability training into their educational programs. This prepares educators to teach children about social responsibility and conservation.

Conclusion and Findings:

The necessity of adopting a comprehensive approach in teacher training is underscored by the results and conclusions of the panel's discussion on developments in teacher education under NEP 2020. Education creates new entities in both oneself and the nation. We are all aware that a teacher can transform a country. It is imperative to inspire teachers to be inventive and creative since they are the backbone of educational institutions and the main force responsible for enacting desired improvements in the manner in which students are educated.

1. The focus is on getting teachers ready to work well in classrooms with a variety of cultural backgrounds. Modules on equity, cultural competence, and methods for establishing inclusive and culturally sensitive learning environments are being included in teacher preparation courses. To guarantee that teachers have the abilities and information required to address the requirements of a variety of learner populations, several reforms in schooling for educators are essential. Teachers have the ability to establish inclusive classrooms where all students feel respected and encouraged in their educational path by integrating technology and cultural sensitivity into their lessons. These developments in teacher preparation could have a significant effect on student performance and help create equitable and inclusive educational settings.
2. More teacher candidates are being prepared through educational institutions for teachers to effectively meet the different needs of their students. Furthermore, the emphasis on using digital and technological tools as essential elements of teaching has emerged from this movement in teacher training toward individualized learning approaches. Programs for teacher education are more suited to produce teachers who can successfully address the varied

- requirements of their students. Furthermore, a focus on using electronic and technological tools as vital components of instruction has emerged from the current trend in teacher education regarding personalized instructional approaches.
3. New pedagogical approaches like project-based learning, inquiry-based learning, flipped classrooms, and hands-on instruction are being adopted by teacher education.
 3. These instructional strategies equip aspiring educators to communicate with students more meaningfully and interactively. All things considered, the developments in teacher education covered in this paper show a trend in the right direction toward more efficient and student-centred instructional strategies. Through the integration of the internet, a concentrate on diversity and inclusivity, and the implementation for cutting-edge pedagogy, programs for teacher education educate aspiring educators for meeting the varied needs of their pupils and establish more inclusive and interactive learning environments.
 4. Promoting teacher motivation and mental health all through principal educator training programs is receiving more attention as a result of increasing awareness of the challenges that teachers experience. Educators possess the tools necessary to handle stress, preserve a healthy work-life balance, and promote their own mental well-being. It is yet known how educational technology advances will impact pupil achievement in the long run, but one thing is for sure: all instructors will have access to excellent professional development opportunities. In principle courses for teachers, there is a rising acknowledgment of the significance of improving teachers' mental health and well-being. Establishing a nurturing and stimulating learning environment requires providing educators with tools for handling their private and professional lives.
 5. Quick-focus documents especially skills Teacher education has been acquired by Traction. Through the acquisition of micro credentials and professional development, educators may keep current with the most recent methods of instruction and deliver an exceptional education to their pupils. In order to prove their proficiency in subjects like C-finding, assessment design, and integrating technology, teachers can obtain micro-credentials. Continuing professional growth and micro credentialing are crucial components of teacher education that provide educators the know-how and abilities to foster a supportive learning environment. Teachers can demonstrate their proficiency in particular areas, including personalized instruction or using technology, with this targeted certification. In the end, this makes learning for pupils increasingly successful and effective.
 6. In general, training programs for teachers are crucial in enabling aspiring educators to succeed in the classroom. Through the offering of a solid academic basis, hands-on experience, and up-to-date teaching methodologies, these programs guarantee that educators possess the essential competencies to effectively cater to the varied requirements of their pupils. Teachers are able to continually benefit from and develop their teaching techniques in an encouraging atmosphere that is created by the emphasis on teamwork and creating learning communities. Students so gain from excellent quality. Teacher collaboration is emphasized as being important in teacher education. Collaborative lesson preparation, sharing of efficient methods amongst colleagues, and involvement in professional development groups are all recommended for incoming teachers.
 7. Educators that complete teacher education programs are well-versed in assessment literacy. These include being aware of different methods for analysing data from assessments, and applying findings from assessments to inform instructional choices. Overall, there has been encouraging progress in strengthening teaching practices and eventually helping learners with the incorporation of learning communities and an emphasis on competence in assessment into teacher training courses. It is imperative to offer educators with ongoing opportunities for professional development so they may remain current on the most recent research and optimal approaches in both assessment and instruction. Prioritizing professional development opportunities that keep educators up to date on the most recent findings and cutting-edge techniques in classroom instruction and evaluation is crucial for schools that prepare teachers. Sustainability and learning about the environment are being included into teacher certification programs' curricula. It enables instructors to teach students. Educators can learn about responsibility for the environment and restoration and contribute to the creation of a better tomorrow by incorporating environmental sustainability and ecological education into the

responsibility for the environment and conservation programme.

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