Empowering Teacher Educators: The Vital Role of Professional Development in the 21st Century

Abstract

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"In learning you will teach, and in teaching you will learn."

- Phil Collins

Much has been discussed about the characteristics and needs of Net Generation and Millennial students, including their learning expectations, preferred environments, and effective support strategies. However, as the student population evolves, so does the faculty. Today's 21st-century educators often share similarities with their students—they grew up with computers, had internet access during their graduate studies, may have taken online courses, and are well-versed in mobile technologies and electronic communication tools. Many of these faculty members were already engaging with technology when Web 2.0 tools emerged and continue to integrate them into their teaching practices.

Faculty vitality plays a crucial role in enhancing professional education and competence. Strengthening faculty expertise in key areas such as teaching, assessment, research, professionalism, and administration can significantly improve the educational environment and enhance student academic performance. The National Education Policy (NEP) 2020 emphasizes the transformation of teacher education programs to better prepare educators for the demands of 21st-century classrooms. In the words of Sardana et al., (2021), "The policy highlights the pivotal role of teachers in shaping both students' futures and the nation's progress." According to Kumar et al., 2020, "Effectively implementing this policy requires substantial structural changes within the Indian education system." This paper provides an overview of Professional Development Courses in the context of NEP 2020.

Keywords: National Education Policy 2020, Teacher education, Professional Development Courses, Professional Growth

Introduction

The NEP 2020 recognizes the importance of teachers and recommends comprehensive changes in a teacher's training programmes. According to Sardana et al., (2021), "The changes in teacher training are intended to raise teachers' resource, technology, and educational infrastructure literacy. The overarching goal is to prepare educators to have the adequate knowledge, skills, and instruments to support students' all-around development.

According to Chand (2010), "Professional development is a dynamic process that encompasses knowledge management, student-centered teaching, workplace engagement, and autonomous decision-making." It provides a structured framework that enables teachers to acquire essential skills, competencies, values, and beliefs necessary for their professional roles in the classroom, school, and broader community. In the words of Posthol (2018), "Effective professional development empowers educators to navigate challenges and create an ideal learning environment."

According to research by the OECD (Organization for Economic Cooperation and Development), "Professional development for teachers is a way to expand skill sets and enhance the classroom learning environment. Any activity or means by which a teacher can improve and develop the skills to teach can be termed professional development for teachers."

Gore et al. (2017) proposed that innovative pedagogical techniques, such as quality teaching, can be leveraged to shape the professional development of both preservice and in-service teachers, enhancing their collaborative learning processes. Similarly, Kalaiyarasan (2017) emphasized that professional development involves increasing teachers' awareness of their roles and expectations within the profession. It also includes activities such as reading, reflective thinking, deep self-analysis, personal growth, and careful observation of learners and teaching methods.

Professional development courses for B.Ed. teachers can cover a wide range of areas, including inclusive education, differentiated instruction, curriculum development, classroom management strategies, technology integration, special needs education, assessment practices, instructional design, leadership skills, and mental health awareness in the classroom. Additionally, specialized courses may focus on specific teaching contexts, such as early childhood education, STEM instruction, or teaching English as a second language, ensuring that educators are well-equipped to meet the diverse needs of their students.

Transformative Vision of NEP 2020: A Paradigm Shift in Education

The National Education Policy (NEP) 2020 represents a transformative change in the Indian education system, with a strong focus on enhancing teacher education and training. Recognizing teachers as the foundation of the educational framework, NEP 2020 introduces comprehensive reforms to ensure that educators are well-prepared, motivated, and equipped to meet the evolving needs of students and the education sector.

The policy envisions a complete restructuring of teacher education in India, ensuring that all teachers are professionally qualified. It underscores the importance of high-quality teacher education programs that offer rigorous training and continuous professional development. As Safari et al. (2020) state, "Teachers are one of the key catalysts in accomplishing educational objectives." An effective teacher must first be an active learner. With the rapid expansion of knowledge through books, articles, digital networks, and other resources, faculty members who continuously update and expand their expertise set a strong example for their students. By engaging in lifelong learning, educators inspire students to explore, experiment, and think critically. On the other hand, faculty members who neglect ongoing learning risk creating a stagnant and uninspiring educational environment.

Faculty engagement plays a crucial role in enhancing both productivity and job satisfaction, making teachers key drivers of progress in education. According to Fullan and Langworthy (2014), "The effectiveness of any educational reform depends on the professional learning of teachers." This highlights the vital role of professional development in achieving the objectives set by NEP 2020. Teacher professional development courses comes in diverse formats, accommodating different learning styles, interests, and career aspirations, ultimately ensuring that educators remain effective and adaptable in an ever-evolving educational landscape.

Role of Professional Development

Professional development refers to the ongoing process of continuing education and career training after entering the workforce. It is designed to enhance career growth, develop new skills, and keep professionals updated with the latest advancements in their field. In education, professional development plays a critical role in driving transformation within classrooms and institutions.

For teachers, professional development serves to introduce new tools and techniques while refining existing skills in both pre-service and in-service settings. It is widely recognized as a fundamental aspect of effective teaching. To be truly impactful, professional development should:

1. Deepen teachers' subject-matter expertise
2. Enhance their classroom teaching strategies
3. Keep them informed about the latest developments in their field and the education sector
4. Enhance their ability to address diverse student needs
5. Foster critical thinking and problem-solving skills in both teachers and students
6. Promote the integration of technology and innovative teaching methods
7. Encourage collaboration and professional learning communities, and
8. Support continuous self-reflection and lifelong learning.

By focusing on these aspects, professional development ensures that teachers remain effective, adaptable, and well-equipped to create dynamic and engaging learning environments

Different Strategies of Professional Development For In-Service Teachers As Per NEP-2020

✚ Continuous Professional Development:

According to NEP – 2020, each teacher is required to partake in 50 hours of continuous professional development per year based on their self-directed goals and interests. In these professional development opportunities, new pedagogical techniques such as foundational early literacy and numeracy, skill-based training, learning by doing, interdisciplinary methods, and historical methods will be covered in a systemic manner.

✚ Participation in Professional Development Programs:

To enhance their knowledge and efficiency, in-service teachers should participate in various professional development programs, including seminars, conferences, panel discussions, workshops, and short-term training courses.

✚ Integration of Online Platforms:

To facilitate knowledge sharing and best practices among educators, NEP-2020 recommends the development of online forums such as SWAYAM and DIKSHA, providing teachers with a collaborative digital space for professional growth.

✚ Merit-Based Tenure Track System:

NEP-2020 emphasizes the need to recognize and reward exemplary teachers by implementing a rigorous merit-based tenure system. This system will ensure career advancement and structured pay scales across different teacher ranks, promoting professionalism, commitment, and motivation among educators through tenure, promotions, and salary increments.

Professional Standards for In-Service Teachers:

NEP 2020 mandates the creation of National Professional Standards for Teachers (NPST) by 2022, developed by NCTE in partnership with NCERT, SCERTs, teacher training institutions, and higher education bodies. These standards will define teacher competencies at different experience levels, set clear performance evaluation criteria, and guide career management decisions, including tenure, promotions, pay raises, and professional recognition. Annual performance assessments will ensure the continuous growth and accountability of teachers across all levels.

Opportunities for Growth:

NEP-2020 emphasizes the continuous growth of teachers by equipping them with the latest advancements in their respective fields and emerging technologies. A modular approach to teacher development can be adopted to enable educators to optimize their professional growth. Teachers will have access to various developmental resources, including local, state, national, and international seminars, as well as online courses, allowing them to tailor their learning experiences to their specific needs.

Performance Assessment During In-Service Period:

The State/UT Government will establish a comprehensive evaluation framework based on various criteria such as peer feedback, student enrollment, participation, continuous professional development (CPD) hours, and contributions to schools and the community. These evaluations will play a key role in determining tenure decisions, promotion rates, and salary increments for teachers.

Career Growth Opportunities:

NEP 2020 guarantees career growth opportunities at all educational levels—Foundational, Preparatory, Middle, and Secondary. The policy advocates for in-service parity, ensuring that teachers can progress within their assigned stage of education without being restricted from advancing in their careers. This approach highlights the equal importance of all education stages and guarantees that high-quality teachers are available at every level.

Engagement in Co-Curricular and Extracurricular Activities:

In-service teachers are encouraged to actively participate in subject-related co-curricular activities such as remedial courses, job training, research visits, and student workshops. Additionally, involvement in extracurricular activities like cultural programs, sports, NSS, and NCC fosters their holistic professional development.

Contribution to Extension and Knowledge Dissemination:

NEP-2020 recommends that in-service teachers engage in extension activities by delivering special lectures, talks, or seminars as resource persons to share their expertise and enhance student learning.

Merit-Based Vertical Mobility:

To encourage leadership development, NEP-2020 supports vertical mobility for outstanding teachers. Educators with exceptional skills, organizational abilities, and communication expertise will be trained for academic leadership roles in schools, colleges, Block Resource Centers (BRCs), Cluster Resource Centers (CRCs), B.Ed. institutions (BITEs), District Institutes of Education and Training (DIETs), and various government departments or ministries.

Implementing Innovative Teaching-Learning Strategies:

NEP 2020 highlights the importance of in-service teachers adopting innovative teaching-learning strategies such as flipped classrooms, mind mapping, blended learning, and field-based learning. These methods foster higher-order thinking skills in students and encourage learning beyond textbooks.

Involvement in Research and Academic Contributions:

In-service teachers should actively contribute to academic research by engaging in action research, publishing articles, research papers, and books, and making meaningful contributions to the educational field.

Development of e-Learning Materials:

NEP-2020 encourages in-service teachers to actively create e-learning resources, such as e-content for MOOCs, e-modules, blog writing, and uploading educational lectures on platforms like YouTube to enhance digital learning.

Engagement in Topic-Centered and Project-Based Clubs:

Involvement of teachers in clubs such as Science Club, Math Club, Music Performance Club, Chess Club, Poetry Club, Language Club, Drama Club, and Debate Club greatly enhances student engagement. Moreover, financial support will be given so teachers can assist the clubs even when they are not offered at their schools.

Enhancing Knowledge of Digital Pedagogy:

Teachers must develop expertise in digital pedagogy to leverage technology in education. With internet access in households and classrooms, they can create online learning applications, quizzes, tournaments, assessments, enrichment resources, and interest-based online groups to support student learning.

Promoting Inclusive Education:

NEP-2020 highlights the importance of inclusive education, urging in-service teachers to enhance their knowledge in this area. Multidisciplinary colleges and universities should provide certificate courses in inclusive education through full-time, part-time, or blended learning modes.

Encouraging Autonomy and Academic Leadership:

To empower educators, NEP-2020 advocates for greater autonomy in choosing pedagogical approaches within the classroom. Additionally, leadership opportunities should be made available for in-service teachers to take on academic leadership roles.

Wrap-up

A teacher is considered a professional when they possess expertise in their subject area, along with the necessary methodological and pedagogical skills to effectively impart knowledge. Professionalism in teaching is not solely defined by subject mastery and instructional techniques but also by a mindset of continuous learning, student engagement, and reflective practice. Dedicated educators track student performance through diverse assessment methods, embrace systematic thinking, and actively contribute to a culture of lifelong learning within their discipline.

There is an urgent need to reassess and modernize professional development programs to address structural, operational, and conceptual challenges. These programs play a crucial role in the growth of teachers, universities, and students alike. Their implementation should be collaborative rather than imposed, fostering open dialogue, actively seeking feedback, and recognizing both achievements and challenges. Universities must also continuously evaluate and refine pedagogical systems to enhance learning outcomes.

In the words of Brinkley-Etzkorn, (2018; Rosenbusch, 2020) , "Technology has transformed nearly every aspect of life, including higher education, by enabling access to information online rather than solely through in-person interactions." Consequently, high-quality professional training programs for faculty members have become crucial for higher education institutions to stay competitive in a constantly evolving academic landscape. Faculty development has become a well-established and recognized practice, playing a key role in achieving institutional excellence.

Professional training programs have consistently demonstrated their effectiveness in enhancing teaching and learning practices. Numerous Faculty Development Programs (FDPs) have effectively enhanced faculty skills and promoted educational leadership. Today, faculty development acts as a strategic driver of institutional excellence, enabling universities and colleges to navigate the complex and evolving challenges of the academic world. The NEP 2020 emphasizes reforms, restructuring, revitalization, and reinvigoration of academic systems and processes, with faculty members at the forefront of designing, implementing, evaluating, and improving these initiatives.

Supporting faculty in developing their identity as educators is essential. Teaching development should not only focus on individual growth but also drive broader institutional change and improvement, requiring research-backed initiatives and dedicated support. Looking ahead, faculty development must integrate digital technology and emphasize diversity, flexibility, and adaptability to meet the evolving demands of the academic environment.

According to Malik (2021), "By investing in high-quality teacher training, fostering a decentralized and responsive governance structure, and promoting innovative teaching and learning methodologies, NEP 2020 aims to create a dynamic, inclusive, and future-ready education system."

References

- Chand, R. (2010). Effect of teacher education programme on professional development and capacity building of secondary school teachers. (Doctoral Thesis, Himachal Pradesh University, India). Shodhganga Open Access

- Postholm, M. B. (2018). Teachers' professional development in school: A review study, Cogent Education, 5(1), 1-22.

- Kalaiyarasan, G. (2017). Professional development of teachers at higher secondary schools. (Doctoral Thesis, Alagappa University, India). Shodhganga Open Access. http://hdl.handle.net/10603/155149

- Gore, J., Lloyd, A., Smith, M., Bowe, J., Ellis, H. & Lubans, D. (2017). Effects of professional development on the quality of teaching: Results from a randomised controlled trial of quality teaching rounds. Teaching and Teacher Education, 68, 99-113.

- Safari, M. Davaribina, I. Khoshnevis(2020). The influence of EFL teachers' self-efficacy, job satisfaction and reflective thinking on their professional development: A structural equation modeling Journal on Efficiency and Responsibility in Education and Science, 13 (1) (2020), pp. 27-40, 10.7160/eriesj.2020.130103

- K.E. Brinkley-Etzkorn.(2018), " Learning to teach online: Measuring the influence of faculty development training on teaching effectiveness through a TPACK lens The Internet and Higher Education, 38 (2018), pp. 28-35

- K. Rosenbusch,(2020).Technology intervention: Rethinking the role of education and faculty in the transformative digital environment Advances in Developing Human Resources, 22 (1) (2020), pp. 87-101

+ Kumar, K., Prakash, A., & Singh, K. (2020, September 25). How National Education Policy 2020 can be a lodestar to transform future generation in India. Wiley, 21(3).

+ Sardana, V., Verma, S., & Singhania, S. (2021, January 1). Motivational Factors that Influence Choosing Teaching as a Career: A FIT-Choice Study of Preservice and Inservice Teachers in India. ÜNİVERSİTEPARK Limited 10(2).

+ Malik, S B. (2021, January 28). National Education Policy 2020 and Its Comparative Analysis with RTE., 7(1), 1-7.

Web Sources

+ https://www.iferp.in/blog/2023/08/23/what-is-the-importance-of-faculty-development-program/
+ https://www.education.gov.in/sites/upload_files/mhrd/files/NEP_Final_English_0.pdf
+ https://suraasa.com/blog/teacher-professional-development
+ https://doi.org/10.1080/2331186X.2018.1522781
+ https://doi.org/10.22521/unibulletin.2021.102.4
+ https://doi.org/10.1016/j.tate.2017.08.007
+ https://doi.org/10.21694/2378-7031.21003
+ http://hdl.handle.net/10603/129048
+ https://doi.org/10.1002/pa.2500