NEP 2020: Transforming Educational Practices and Policies for the Development of Holistic Intelligence among Prospective Teachers

[1] Ms. Preeti Kukreja, [2] Dr. Harish Mittu

[1] Research Scholar, School of Education, Lovely Professional University, Phagwara, Jalandhar, Punjab, India.
[2] Professor, School of Education Lovely Professional University Phagwara, Punjab, India.

Email: [1] preeti.sethi80@gmail.com, [2] harish_mittu@rediffmail.com

Abstract – The National Education Policy (NEP, 2020) has redefined the educational landscape in India by shifting emphasis from content-heavy, examination-oriented approaches to competency-based, flexible, and holistic learning, marks a paradigm shift in India's educational vision moving beyond conventional knowledge acquisition toward the holistic development of learners. This transformation is of particular consequence for teacher education, given that preservice teachers are future makers of the learning space. This paper critically explores how NEP (2020) reorientates practices and policies in teacher education to cultivate intelligence of an integrated nature (intellect, emotion, physical and spiritual) among pre-service teachers. Through qualitative document analysis, a systematic literature review and thematic analysis, the paper reviews evidence from policy frameworks, academic papers and teacher education guidelines. This article singles out structural, pedagogical, curricular and assessment interventions proposed in NEP (2020) and examines their potential impact on nurturing holistic intelligence. We suggest a model of NEP (2020)–Holistic Intelligence Alignment Framework that attempts to conceptualize how policy suggestions can be connected with developmental trajectories of future teachers. The paper identifies systemic lacunae with respect to faculty readiness, infrastructure limitations and assessment issues; and paucity of empirical studies on holistic intelligence. The paper posits that NEP (2020) outlined an idealistic blueprint; there was a need for strong implementation strategies and structures, capacity building, monitoring towards real transformation in TEIs.

Keywords – National Education Policy, holistic intelligence, and prospective teachers.

I. INTRODUCTION

The release of the National Education Policy (NEP, 2020) is a historic moment in India's educational journey. Once NEP (2020) came into play after more than 30 years since the last major policy overhaul, it brought with it a progressive, student-centric, flexible and holistic vision that is in tune with 21st century demands for education. The new policy perceives education not only as a process of gaining knowledge, but also inculcating values and promoting multidisciplinary approach. Unlike the previous profile formats such as NPE (1968) and NPE (1986), that emphasized heavily on access, literacy, cognitive development etc., NEP (2020) includes other laying more emphasis on lifelong learning and creation of an enabling environment for children to harness their true potential which are embedded within the parameters of competency-based quality education irrespective of income group and beyond geographical barriers.

Holistic intelligence is a buzzword of NEP (2020) due to the fact that it includes not only cognitive or intellectual growth but the development of emotional, social, physical, ethical, spiritual and aesthetic faculties. The policy emphasizes that education should enable full development of human personality, and is consistent with international paradigms like UNESCO's four pillars of education – learning to know, leaning to do, learning to be, and learning to live together.

The realisation of NEP's dreams lies at the centre of Teacher education institutions (TEIs). Future teachers are prospective agents of change who design classroom practices, learning cultures and value orientation. So, the integrated B.Ed. four-year course, competency-based curriculum, multidisciplinary exposure to prospective teachers by allowing them to undertake concurrent courses from other disciplines, adopting experiential model of teacher preparation and National Professional Standards for Teachers (NPST) have their profound implications in redesigning teacher preparation.

But the approach has been uphill and it's not clear that the concept will truly be realized. Little empirical work has addressed how NEP (2020) specifically plays out in the fostering of holistic intelligence among future teachers. Assessment systems for emotional, spiritual and physical intelligence are also underdeveloped in TEIs.

In this paper we respond to these gaps by offering an in-depth discussion of NEP, 2020 from the perspective of holistic intelligence, and propose a conceptual model for TEIs to attempt mainstreaming and integrating holistic development into teacher preparation programmes.

II. OBJECTIVES OF THE STUDY

1. To explore the provisions of NEP (2020) related to holistic development in teacher education.
2. To review existing literature on holistic intelligence and teacher education practices.

3. To identify research gaps in the scholarly discourse on NEP (2020) and holistic development.
4. To analyse implications of NEP (2020) reforms for prospective teachers' holistic intelligence.
5. To propose a conceptual framework linking NEP reforms with holistic intelligence indicators.

III.   REVIEW OF RELATED LITERATURE

3.1. Holistic Intelligence in Education

Ecological intelligence is much more than the traditional basics of scholarship. C om (2017-08-05) Grounded in the works of Gardner (20011), Goleman 1995), and spiritual education researchers, holistic intelligent includes:

- **Cognitive intelligence Logical and analytical assessment and learning.**
- **Emotional intelligence the ability to empathize, to be resilient, and to self-regulate.**
- **Body physical awareness, fitness and psychomotor techniques.**
- **Spiritual intelligence morality, sense-making, purpose and inner peace.**

Studies have shown that teachers with high levels of emotional and spiritual intelligence contribute to healthier classroom atmospheres resulting in fewer behavioural problems and more engaged students (Jennings & Greenberg, 2009). Most worryingly, globally in pre-service teacher education socio-emotional and spiritual domains are given insufficient attention; the cognitive and the pedagogical take precedence (Nair, 2019).

3.2. NEP (2020) and Teacher Education Reforms

NEP 2020 perceives teachers as the building blocks of a nation and highlights that:

> • **Integrated multidisciplinary programs;**
> • **Competency-based teacher standards;**
> • **Flexible curriculum structures;**
> • **Experiential & project-based pedagogy;**
> • **Technology-enabled learning;**
> • **Reflective practice & mentorship; and**
> • **Value-based & ethical teaching.**

According to the academics, the focus of NEP on teacher autonomy, self-regulation and professional development is an advanced trend (Sharma, 2022; Pattnaik, 2022). But the effective implementation does demands good faculty trainings gentrifying TEIs and monitoring system.

3.3. Digital Pedagogy and Blended Learning

The new normal of the post-pandemic era fast-tracked digitalization in teacher education. Services like DIKSHA, SWAYAM, Virtual Labs, Academic Bank of Credits (ABC) encourage individualized learning based on curiosity with the space to think independently and seek

professional autonomy. Citing benefits on reflective thinking and expanding the learning experiences of future teachers, Kumar (2021) highlights how digital pedagogies are an asset for training prospective teachers.

3.4. Thoughts on IKS and Value-Based Education

NEP (2020) blends IKS with yoga, meditation, environmental ethics and global citizenship premised on Indian philosophical traditions for an integrated relationship between the cognitive and affective human faculties. These are specifically empathy, cooperation and civic sense (Gupta and Manjula, 2021) There is evidence that value-based education enhances empathy, co-operation and responsibility on the part of the students.

The literature reviewed unquestionably finds that holistic intelligence - including intellectual, emotional, physical and spiritual aspects of development - is critical to develop effective and future-driven teachers. Whilst Gardner, and Goleman recognise the multiplicity of human capacities shared by all individuals, current research underscores that educators who have deep emotional and spiritual competencies nurture healthier learning environments, build significant teacher–student connections and drive higher student engagement. However, both international and national research suggest that teacher education programmes still largely an overemphasis on cognitive areas and on pedagogy to the detriment of important affective and ethical dimensions of pre-service teachers' professional development.

NEP (2020) comes out as an alternative to fill these voids. Its focus on competency-based approach, reflective thinking, value orientation and trans-disciplinary learning indicates the new perspective in re-conceptualizing teacher education. Indeed, focus on autonomy of teachers, experiential learning and continuous professional development as envisaged in the draft policy is congruent with developing Holistic Intelligence. But the literature also warns that successful implementation of NEP (2020) largely relies on strong institutional capacity, quality faculty, proper digital infrastructure and effective monitoring frameworks in TEIs.

Also, the increasing role of digital pedagogy and blended learning approaches have broadened the potential for personalized, flexible, reflective learning that could be provided to future teachers. Programmes like DIKSHA, SWAYAM, Virtual Labs and Academic Bank of Credits point to the increasing orientation of technology that focuses on enhancing professional skills of teachers and facilitating a self-paced trajectory for professional development. Simultaneously, the embedding of Indian Knowledge Systems etc (NEP 2020) in NEP would serve nurturing several core components of holistic intelligence

i.e., moral consciousness, emotional equilibrium and global citizenship.

On the whole, such a convergence appears to be highly supported by the literature between concepts of holistic intelligence and reformed view of NEP (2020). Although significant progress has been achieved through its use in digital innovation and value-based approaches, consistent work on curriculum redesign, faculty training, and transformative pedagogical practices are necessary to fully implement holistic intelligence in teacher education. This review thereby offers an abstract framework for the consideration of how NEP (2020) can stimulate prospected teachers to have a holistic intelligence in education nowadays.

IV. RESEARCH GAP

The systematic review highlights the following gaps:

- Limited empirical research directly exploring the relationship between NEP (2020) and holistic intelligence development;
- Absence of standardised tools for measuring emotional, physical, and spiritual intelligence in TEIs;
- Insufficient case studies examining on-ground implementation challenges in TEIs;
- Predominance of descriptive articles over evidence-based research on NEP's impact on teacher development; and
- Lack of conceptual models linking NEP's structural reforms with holistic teacher competencies.

V. METHODOLOGY

This study uses a qualitative research design suitable for conceptual and policy analysis which is discussed below:

5.1. Document Analysis

The document analysis was done by analysing the following primary sources:

- National Education Policy (NEP, 2020);
- National Professional Standards for Teachers (NPST);
- National Curriculum Framework for Teacher Education (NCFTE);
- UGC and NCTE guidelines; and
- International frameworks (UNESCO, and OECD).

5.2. Systematic Literature Review

The systematic literature review was done through the following ways:

Databases: Google Scholar, ERIC, and Scopus.

Keywords: Holistic Intelligence, NEP (2020), Teacher Education, Socio-Emotional Learning, 4-Year B.Ed., and Values Education.

Inclusion criteria: Peer-Reviewed Articles (2009–2024), Policy Documents, and Thematic Reports.

5.3. Thematic Analysis

Four broad themes were generated which are mentioned below:

1. Competency-based teacher development;
2. Multidisciplinary and experiential learning;
3. Socio-emotional and value-based education; and
4. Digital pedagogy, teacher autonomy, and reflective practice.

5.4. Conceptual Synthesis

Findings were synthesized to construct a novel NEP (2020) – Holistic Intelligence Alignment Framework.

VI. DATA PRESENTATION

The NEP (2020) provisions corresponding to different dimensions of holistic intelligence are presented in table 6.1 below:

TABLE 6.1: – HOLISTIC INTELLIGENCE DIMENSIONS AND NEP (2020) PROVISIONS

Dimension	NEP (2020) Provision
Intellectual Intelligence	Competency-based curriculum and multidisciplinary learning
Emotional Intelligence	Social and Emotional Learning (SEL), mindfulness and teacher well-being modules
Physical Intelligence	Sports-integrated pedagogy and health & wellness curriculum
Spiritual/Value-Based Intelligence	Ethical reasoning, Indian Knowledge Systems, and yoga

The implications of NEP (2020) components for prospective teachers in form of expected impact are mentioned in the table 6.2 below:

TABLE 6.2: – IMPLICATIONS FOR PROSPECTIVE TEACHERS

NEP Component	Expected Impact
4-year Integrated B.Ed.	Strong pedagogical and content mastery
National Professional Standards for Teachers (NPST) Standards	Enhanced professional identity and reflection
Digital Platforms	Personalised and autonomous learning
Multidisciplinary Curriculum	Creative, critical, and innovative thinking

The proposed conceptual framework linking NEP reforms with holistic intelligence indicators is shown in figure 6.1 and 6.2 below:

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┌─────────────────────────────────────┐
│           NEP 2020 Reforms           │
└─────────────────────────────────────┘
                   ↓
┌─────────────────────────────────────┐
│         Curriculum Integration       │
│  (Multidisciplinary, Competency-Based)│
└─────────────────────────────────────┘
                   ↓
┌─────────────────────────────────────┐
│         Pedagogical Innovation       │
│   (Experiential, Blended, Value-Based)│
└─────────────────────────────────────┘
                   ↓
┌─────────────────────────────────────┐
│          Holistic Intelligence       │
│ (Intellectual–Emotional–Physical–Spiritual)│
└─────────────────────────────────────┘
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┌─────────────────────────────────────┐
│    Future-Ready Prospective Teachers │
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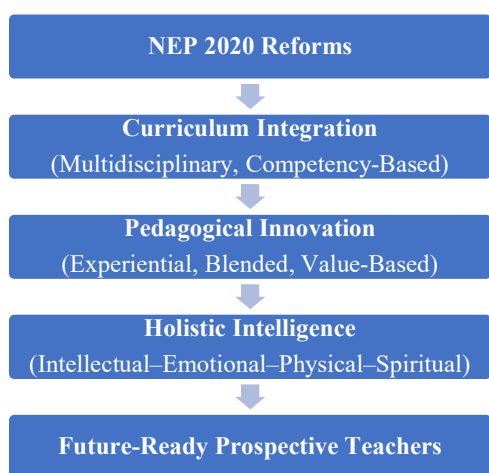
Figure 6.1 –NEP 2020–Holistic Intelligence Alignment Model

The four pillars of holistic teacher preparation under NEP (2020) are shown in figure 6.2 below:
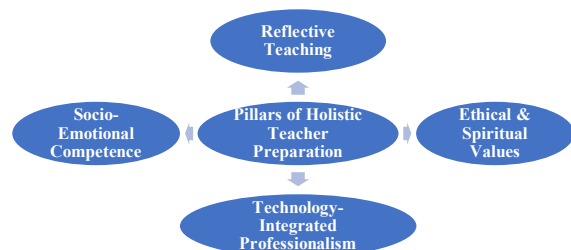
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                Reflective
                 Teaching
                    ↑
 Socio-         Pillars of Holistic      Ethical &
Emotional    ←      Teacher          →   Spiritual
Competence         Preparation           Values
                    ↓
              Technology-
               Integrated
             Professionalism
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Figure 6.2 – Four Pillars of Holistic Teacher Preparation - NEP (2020)

VII. DISCUSSION

NEP (2020) offers a transformative blueprint for Indian teacher education, but its impact depends on ground-level execution. This section presents an in-depth analysis of how NEP (2020) reforms nurture various dimensions of holistic intelligence.

7.1. Intellectual Intelligence Development

NEP (2020)'s push for competency-based, interdisciplinary, and inquiry-driven learning encourages higher-order thinking among prospective teachers. The various features include the followings:

- Integration of arts, sciences, and vocational subjects;
- Research-based internships;
- Emphasis on critical pedagogy; and
- Flexible credit-based learning through ABC.

These reforms expand academic horizons and foster problem-solving abilities.

7.2. Emotional Intelligence Development

Teachers are expected to manage diverse classrooms, maintain emotional stability, and support student wellbeing. NEP mandates are listed below:

- Social and Emotional Learning (SEL) curriculum;
- Mindfulness practices;
- Teacher wellness programs; and
- Reflective journals and mentoring.

These interventions align with global standards on teacher emotional competence.

7.3. Physical Intelligence Development

Physical Intelligence neglected at TEIs the following are promoted:

- Sports-integrated pedagogy;
- Nutrition, Health & Fitness-related courses; and
- Yoga & body-mind practices.

7.4. Spiritual and Ethical Intelligence Development

NEP (2020) encourages rootedness in culture and universal values which are listed below:

- Ethics & moral reasoning;
- Gandhian & Indian philosophical perspectives;
- Mindfulness & meditation; and
- Environmental & civic ethics.

This nurtures compassion, integrity, and purpose among future teachers.

7.5. Gaps and Challenges

There are, however, many challenges facing a forward-looking policy, as I enumerate below:

- Faculty preparedness: a majority of teacher educators are not trained in SEL, blended learning and competency-based assessment.
- Lack of infrastructure: digital divide and crippled labs restrict experiential learning.
- Limitations of assessments: standards tests have poor predictive value for full-scale intelligence.
- Anti-reform inertia: existing institutions resist the adoption of reform.
- Empirical vacuum: new forms of TEIs in systematic terms for the integral formation have not been yet tested.

VIII. CONCLUSION

NEP (2020) as a watershed toward reimaging teacher education in India. Through its focus on cross-disciplinary, skills-based and values-driven education it provides the foundation for developing intellectual, emotional, physical and spiritual intelligence in those who will be future educators. But promises it can only keep if strong implementation strategies, faculty development plans,

sound assessment frameworks and supportive institutional ecosystems are in place.

The conceptual model suggested in this paper provides TEIs with a scaffold to bring holistic intelligence into curriculum, pedagogical and assessment practices. With India's progress towards global leadership in education, empowering teacher through comprehensive training becomes a national urgency.

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