IJRAR.ORG E-ISSN: 2348-1269, P-ISSN: 2349-5138
INTERNATIONAL JOURNAL OF RESEARCH AND ANALYTICAL REVIEWS (IJRAR) | IJRAR.ORG
An International Open Access, Peer-reviewed, Refereed Journal

SALIENT FEATURES OF THE NATIONAL EDUCATION POLICY 2020 AND ITS TRANSFORMATIVE IMPACT ON HIGHER EDUCATION IN ANDHRA PRADESH

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DOI: https://doi.org/10.56975/ijrar.v13i2.331452

ABSTRACT

The National Education Policy (NEP) 2020 represents a landmark reform initiative aimed at restructuring India's education system to meet the demands of the twenty-first century. With a strong emphasis on multidisciplinary education, institutional autonomy, research integration, digital learning, and governance reforms, NEP 2020 seeks to transform higher education into a globally competitive and socially inclusive system. This article critically examines the salient features of NEP 2020 and evaluates its transformative impact on higher education in Andhra Pradesh. The article analyzes key components of the policy, including the introduction of the four-year undergraduate programme, Academic Bank of Credits (ABC), multiple entry and exit options, the establishment of the Higher Education Commission of India (HECI), emphasis on research through the National Research Foundation (NRF), and the restructuring of affiliated colleges into autonomous multidisciplinary institutions. Particular attention is given to how Andhra Pradesh, with its expanding network of state universities, private institutions, and skill-based colleges, is adapting to these reforms. The article argues that NEP 2020 offers significant opportunities for improving quality, equity, research culture, and employability in Andhra Pradesh's higher education sector. However, implementation challenges such as funding constraints, faculty training, digital infrastructure gaps, and rural-urban disparities remain critical concerns. The study situates Andhra Pradesh within broader national reform debates, highlighting both policy potential and ground-level complexities. By combining policy analysis with regional

perspective, the article demonstrates that successful realization of NEP 2020 depends on effective institutional restructuring, administrative capacity, and sustained financial investment.

Keywords: National Education Policy 2020**,** Higher Education Reform**,** Andhra Pradesh Universities**,** Academic Bank of Credits**,** Multidisciplinary Education**,** Higher Education Governance

Introduction

The National Education Policy (NEP) 2020 represents a paradigm shift in India's educational philosophy, institutional architecture, and regulatory framework. Introduced after a gap of thirty-four years since the National Policy on Education 1986 (modified in 1992), NEP 2020 seeks to reorient Indian education toward flexibility, multidisciplinary learning, research intensity, digital integration, and global competitiveness. In the domain of higher education, the policy envisions structural consolidation, academic autonomy, enhanced research funding, skill integration, and governance reform (Government of India, 2020, p. 34). These reforms are not incremental adjustments but systemic reconfigurations aimed at transforming the fragmented higher education ecosystem into a cohesive, quality-driven structure.

The implementation of NEP 2020 assumes distinctive significance in Andhra Pradesh, a state characterized by a large network of public universities, private colleges, professional institutions, and skill-based education centers. Andhra Pradesh has historically demonstrated relatively high participation in higher education compared to national averages. However, disparities in infrastructure, faculty availability, research productivity, and rural access persist. The transformative capacity of NEP 2020 in Andhra Pradesh must therefore be evaluated in relation to both its structural promises and ground realities. This article examines the salient features of NEP 2020 and critically evaluates its transformative impact on higher education in Andhra Pradesh. It situates policy reforms within theoretical debates on higher education governance, institutional autonomy, and educational equity while incorporating empirical indicators drawn from national and state-level data.

Key Features of NEP 2020 in School Education: Grade Structure Reform and Mother Tongue Instruction

The National Education Policy (NEP) 2020 introduces transformative reforms in India's school education framework, aiming to address long-standing structural rigidities, pedagogical inefficiencies, and foundational learning deficits. Among its most significant reforms are the restructuring of the traditional grade system into a developmentally aligned model and the emphasis on mother tongue or regional language instruction in the early years of schooling. These reforms are grounded in cognitive science, child development research, and international best practices in education (Government of India, 2020, p. 11).

Reform of the Grade Structure: The 5+3+3+4 Model

One of the most important structural innovations under NEP 2020 is the replacement of the conventional 10+2 system with a 5+3+3+4 curricular and pedagogical structure. This model aligns schooling stages with the cognitive and psychological development of children. The policy explicitly recognizes that early childhood education between ages 3 and 8 forms the foundation for lifelong learning (Government of India, 2020, p. 7). The Foundational Stage (5 years) includes three years of pre-primary education followed by Grades 1 and 2. The integration of pre-schooling into formal education represents a major shift, acknowledging research that nearly 85% of brain development occurs before the age of six (Government of India, 2020, p. 7). Strengthening foundational literacy and numeracy at this stage is critical for reducing dropout rates and improving long-term academic performance. The Preparatory Stage (Grades 3–5) emphasizes experiential learning, interactive pedagogy, and conceptual clarity instead of rote memorization. The Middle Stage (Grades 6–8) introduces subject-based learning, coding, and vocational exposure. Finally, the Secondary Stage (Grades 9–12) promotes multidisciplinary flexibility, allowing students to choose subjects across arts, sciences, and vocational domains, thereby eliminating rigid academic streams (Government of India, 2020, p. 12). This restructuring reflects global trends advocating holistic and competency-based education (OECD, 2019). By aligning pedagogy with developmental psychology, the policy aims to enhance learning outcomes and reduce early academic stress.

Emphasis on Mother Tongue or Regional Language Instruction

Another landmark feature of NEP 2020 is the recommendation that the medium of instruction until at least Grade 5, and preferably Grade 8, should be the mother tongue or regional language wherever possible (Government of India, 2020, p. 14). This recommendation is supported by extensive research demonstrating that children grasp concepts more effectively when taught in a familiar language (UNESCO, 2016). Language plays a critical role in cognitive development. When instruction occurs in an unfamiliar language, children experience increased cognitive load, which hampers comprehension and analytical thinking. Studies show that foundational learning is strongest when early education is delivered in the child's first language (Cummins, 2000, p. 36). Therefore, promoting mother tongue instruction enhances conceptual clarity in mathematics, science, and social sciences. In multilingual states such as Andhra Pradesh, where Telugu is predominant alongside Urdu and tribal languages, implementing mother tongue instruction can strengthen inclusion and reduce early dropouts. The policy does not diminish the importance of English; rather, it promotes additive multilingualism, balancing local identity with global communication skills (Government of India, 2020, p. 15). Educational Significance Together, the 5+3+3+4 restructuring and mother tongue emphasis represent a paradigm shift from examination-centered schooling to child-centered, competency-based learning. These reforms are expected to enhance foundational literacy, improve retention, promote inclusivity, and align India's school education system with international standards. However, effective implementation requires

teacher training, curriculum redesign, translation of learning materials, and infrastructural investment in early childhood centers. If systematically executed, these reforms can significantly strengthen educational equity and quality across states.

Structural Reforms: Institutional Reorganization and Governance Transformation

One of the central pillars of NEP 2020 is the restructuring of higher education institutions into large multidisciplinary universities and autonomous degree-granting colleges. The policy envisions the gradual phasing out of the traditional affiliating system, which currently dominates India's higher education landscape (Government of India, 2020, p. 38). Under the affiliating model, state universities supervise hundreds of colleges, often resulting in administrative overload and diluted academic quality. In Andhra Pradesh, several state universities currently manage large numbers of affiliated colleges. Transitioning toward autonomous, multidisciplinary institutions requires institutional consolidation, academic planning, and regulatory adjustments. The policy proposes that by 2040, all higher education institutions should become multidisciplinary, with student enrollment exceeding 3,000 where feasible. The establishment of the Higher Education Commission of India (HECI) is another significant structural reform. HECI is envisioned as an umbrella body replacing multiple regulatory agencies, with four verticals responsible for regulation, accreditation, funding, and academic standard-setting. This unified structure aims to minimize bureaucratic overlap and enhance accountability.

Table- 1

Higher Education Profile of Andhra Pradesh (2022–23)

Indicator	**Andhra Pradesh**	**National Average**
Gross Enrollment Ratio (GER)	36.3%	28.4%
Total Universities	46	—
Total Colleges	1,400+	—
Private Sector Share	60–65%	55%

Source: All India Survey on Higher Education (AISHE), 2022.

Academic Flexibility: Four-Year Undergraduate Programme and Academic Bank of Credits

NEP 2020 introduces a flexible four-year undergraduate programme with multiple exit options and the Academic Bank of Credits (ABC). Students may exit after one year with a certificate, after two years with a diploma, and after three years with a degree, while a fourth year offers research specialization (Government of India, 2020, p. 40). This flexibility aligns Indian higher education with global models and enhances mobility. The ABC system allows students to accumulate credits digitally and transfer them across institutions. In Andhra Pradesh, where many students migrate between institutions due to financial or geographical

constraints, ABC could enhance continuity and reduce dropout rates. However, its success depends on digital infrastructure and inter-institutional coordination.

Key Features of Higher Education Reforms under NEP 2020

The National Education Policy (NEP) 2020 introduces transformative reforms in higher education aimed at enhancing flexibility, employability, research orientation, and global competitiveness. One of the most significant features is the introduction of flexible entry and exit options within undergraduate programs. Under the new framework, students may exit after one year with a certificate, after two years with a diploma, after three years with a degree, and complete a four-year Honours or Honours with Research degree if they continue (Government of India, 2020, p. 40). This flexibility recognizes diverse learner pathways and reduces the risk of academic discontinuity. The four-year Honours degree strengthens research foundations by incorporating advanced coursework and research projects, aligning Indian undergraduate education with global standards (Altbach, 2016, p. 78). The emphasis on mandatory internships and experiential learning further integrates academic knowledge with industry exposure. NEP 2020 explicitly encourages vocational integration, industry linkages, and practical skill development to enhance employability (Government of India, 2020, p. 42). Skill-oriented courses, including coding, entrepreneurship, artificial intelligence, and digital competencies, reflect the demands of the contemporary knowledge economy. Another important reform is the promotion of multidisciplinary education. The policy seeks to dismantle rigid disciplinary silos, allowing students to combine arts, sciences, commerce, and vocational subjects within a single degree framework. This approach fosters holistic education and critical thinking (Jain & Sharma, 2021, p. 460). NEP 2020 also promotes global academic collaboration and partnerships with reputed international platforms such as edX and leading universities like MIT to expand digital access and research exchange (Government of India, 2020, p. 48). The shift toward student-centric learning emphasizes active participation, continuous assessment, mentoring, and improved student-teacher engagement. While the policy does not mandate a 1:22 ratio, it stresses improving faculty availability and reducing overcrowding to enhance academic quality. Finally, strengthened campus placement mechanisms and industry collaboration aim to bridge the gap between education and employment. By aligning curriculum with industry needs, NEP 2020 seeks to create a globally competent and employable graduate workforce.

System-Wide Reforms and the 4-Year Integrated B.Ed. Programme under NEP 2020

The National Education Policy (NEP) 2020 introduces comprehensive system-wide reforms aimed at restructuring governance, regulatory frameworks, quality assurance mechanisms, and teacher education across India. These reforms are designed to address fragmentation, excessive regulation, and quality disparities within the education system. The policy proposes the establishment of streamlined regulatory bodies, reduction of bureaucratic overlap, and a shift toward transparent, outcome-based governance (Government of

India, 2020, p. 29). By separating regulatory, funding, accreditation, and standard-setting functions under coordinated institutional frameworks, NEP 2020 seeks to enhance accountability while granting greater autonomy to educational institutions. A key system-wide reform in the area of teacher education is the introduction of the four-year integrated Bachelor of Education (B.Ed.) degree as the minimum qualification for school teachers by 2030 (Government of India, 2020, p. 44). This reform aims to professionalize teacher education and eliminate substandard stand-alone teacher training institutes. The integrated B.Ed. programme combines subject knowledge, pedagogy, psychology, and practical training within a unified curriculum, thereby strengthening both theoretical and experiential dimensions of teacher preparation. The four-year integrated B.Ed. is designed to replace the existing fragmented system of one-year or two-year B.Ed. programmes, which often lack adequate practical training. By embedding extensive school internships and classroom-based experiential learning within the curriculum, the new model enhances pedagogical competence and reflective teaching practices. Research in teacher education suggests that sustained, practice-based preparation improves instructional quality and student learning outcomes (Darling-Hammond, 2017, p. 15). NEP 2020 also emphasizes merit-based scholarships to attract talented students into the teaching profession, thereby enhancing teacher quality and social prestige (Government of India, 2020, p. 45). In states such as Andhra Pradesh, where teacher vacancies and training disparities remain challenges, the integrated B.Ed. programme could significantly improve instructional standards and learning equity. Overall, the system-wide reforms and the four-year integrated B.Ed. programme represent a structural effort to elevate teacher professionalism, enhance institutional coherence, and strengthen educational outcomes through long-term systemic transformation.

Research Enhancement: National Research Foundation and Innovation Culture

Research and innovation form a core emphasis of NEP 2020. The establishment of the National Research Foundation (NRF) aims to strengthen research funding, foster interdisciplinary collaboration, and enhance global visibility (Government of India, 2020, p. 45). Historically, research output in many state universities has been limited by inadequate funding and infrastructure. In Andhra Pradesh, research productivity remains uneven, with a few institutions contributing the majority of publications. The NRF has the potential to bridge disparities by promoting competitive grants and interdisciplinary collaboration. However, faculty training and research mentoring remain critical requirements.

Replacement of UGC and AICTE with the Higher Education Commission of India (HECI)

One of the most significant structural reforms proposed under the National Education Policy (NEP) 2020 is the replacement of the University Grants Commission (UGC) and the All India Council for Technical Education (AICTE) with a unified regulatory body known as the Higher Education Commission of India (HECI). This reform aims to address long-standing concerns regarding regulatory overlap, bureaucratic

inefficiency, and fragmented governance in India's higher education system (Government of India, 2020, p. 46). Historically, UGC was responsible for funding, coordination, and maintenance of standards in higher education, while AICTE regulated technical and professional institutions. However, the existence of multiple regulatory bodies often resulted in duplication of functions, inconsistent standards, and excessive compliance burdens for institutions. NEP 2020 proposes the creation of HECI as an umbrella body with four independent verticals responsible for regulation, accreditation, funding, and academic standard-setting. These include the National Higher Education Regulatory Council (NHERC), the National Accreditation Council (NAC), the Higher Education Grants Council (HEGC), and the General Education Council (GEC) (Government of India, 2020, p. 47). The restructuring is intended to separate regulatory and funding functions to ensure transparency and reduce conflicts of interest. By adopting a "light but tight" regulatory framework, HECI seeks to promote institutional autonomy while maintaining quality assurance. The reform also emphasizes outcome-based accreditation and performance evaluation rather than input-based compliance mechanisms. According to higher education governance studies, streamlined regulatory systems enhance accountability and improve institutional efficiency (Carnoy & Dossani, 2013, p. 600). For states such as Andhra Pradesh, the transition to HECI implies greater alignment of universities and colleges with national standards while potentially reducing bureaucratic delays. However, successful implementation requires clear operational guidelines, capacity building at the institutional level, and coordination between central and state authorities. If effectively executed, the replacement of UGC and AICTE with HECI could significantly modernize governance, enhance quality assurance, and promote a more integrated higher education system in India.

Table- 2

Indicative Research Indicators (2021)

Category	**Andhra Pradesh State Universities**	**Top National Institutions**
Annual Publications	150–300	1,000+
Patents Filed	20–30	200+
Funded Projects	Moderate	High

Source: University Annual Reports (2021); Scopus Database.

Multidisciplinary Education and Skill Integration

The policy emphasizes holistic education, integrating arts, sciences, and vocational training. Andhra Pradesh's higher education institutions must transition from compartmentalized disciplines to integrated curricula. This shift aligns with global higher education reforms advocating cross-disciplinary innovation (Altbach, 2016, p. 78). Skill integration is particularly relevant in Andhra Pradesh, where youth employment remains a pressing concern. NEP 2020 encourages internships, industry linkages, and entrepreneurship development within university programs.

Digital Education and Technology Integration

NEP 2020 highlights digital learning platforms, online education, and blended learning models. The COVID-19 pandemic accelerated digital adoption, revealing both strengths and vulnerabilities. Andhra Pradesh has initiated digital classroom programs and virtual skill platforms; however, rural connectivity gaps remain. Institutional autonomy is central to NEP 2020's governance reform. Universities are encouraged to develop transparent governance mechanisms and academic independence. In Andhra Pradesh, granting autonomy to colleges has been gradual. NEP 2020 accelerates this transition, but accountability frameworks must accompany autonomy (Tilak, 2015, p. 112). **Equity, Inclusion, and Regional Disparities** NEP 2020 emphasizes inclusion, targeting socio-economically disadvantaged groups. Andhra Pradesh's rural districts face infrastructure limitations that may hinder equitable implementation. Scholarships, digital access initiatives, and localized planning are essential

Table -3

Digital Infrastructure Indicators in Andhra Pradesh Higher Education

Indicator	Status
Institutions with Smart Classrooms	65%
Colleges with Broadband Access	70%
Rural Colleges with High-Speed Internet	45–50%

Source: State Education Department Reports (2022).

Opposition against the National Education Policy 2020 in Indian States

The National Education Policy (NEP) 2020, while widely recognized as a comprehensive reform framework, has also generated significant debate and opposition in several Indian states. The concerns raised by state governments, educationists, and civil society groups primarily revolve around issues of federalism, language policy, centralization of authority, financial feasibility, and equity implications. These critiques reflect the complexity of implementing nationwide educational reform within a diverse and federal political structure. One of the principal concerns relates to federal autonomy. Education in India falls under the Concurrent List of the Constitution, allowing both central and state governments to legislate. Critics argue that the establishment of centralized regulatory mechanisms such as the Higher Education Commission of India (HECI) may reduce state-level autonomy in higher education governance (Government of India, 2020, p. 46). Some states opposed NEP-2020 like Talilnaidu, Kerala, and West Bengal and extra have expressed apprehension that excessive centralization could undermine regional educational priorities and local administrative control. Language policy has been another contentious issue. While NEP 2020 promotes multilingualism and recommends mother tongue instruction in early schooling, certain states perceived aspects of the three-language formula as potentially imposing Hindi or altering established linguistic arrangements.

Although the policy emphasizes flexibility and local choice, linguistic sensitivities have contributed to political opposition in some regions (Government of India, 2020, p. 15).

Financial feasibility represents another significant concern. NEP 2020 recommends increasing public expenditure on education to 6% of GDP (Government of India, 2020, p. 49). Several states have questioned whether adequate financial support will accompany policy mandates, particularly for infrastructure expansion, teacher recruitment, digital integration, and institutional restructuring. Scholars of education finance note that ambitious reform frameworks often encounter implementation barriers when fiscal commitments remain uncertain (Tilak, 2015, p. 118). Additionally, some educationists have raised concerns about the rapid transition to multidisciplinary institutions and four-year undergraduate programmes, arguing that faculty shortages and infrastructure limitations may hinder effective implementation. Critics caution that without adequate capacity building, reforms could exacerbate inequalities between well-funded urban institutions and resource-constrained rural colleges. Despite these concerns, many states have adopted phased implementation strategies, adapting NEP guidelines to local contexts. The debates surrounding NEP 2020 highlight the dynamic interplay between national reform objectives and federal diversity. Ultimately, constructive dialogue between central and state authorities will determine the long-term success and equitable realization of the policy. Despite transformative aspirations, several challenges confront Andhra Pradesh. Funding limitations constrain infrastructure expansion. Faculty vacancies affect research growth. Digital divides persist. Administrative readiness varies across institutions. If implemented effectively, NEP 2020 could enhance research culture, academic flexibility, global competitiveness, and skill development in Andhra Pradesh. The policy's emphasis on multidisciplinary education and research funding aligns with contemporary knowledge economy demands.

Conclusion

The National Education Policy 2020 represents one of the most ambitious reform initiatives in independent India's educational history. By proposing structural reorganization, academic flexibility, research intensification, digital integration, governance transformation, and professionalization of teacher education, the policy seeks to reposition India's education system within the global knowledge economy. Unlike earlier reforms that focused on incremental adjustments, NEP 2020 attempts systemic restructuring aimed at long-term sustainability, quality enhancement, and inclusive growth. In the context of Andhra Pradesh, the policy presents both transformative opportunities and implementation challenges. The state's relatively high Gross Enrollment Ratio and extensive institutional network provide a strong foundation for reform. The introduction of the four-year undergraduate programme, Academic Bank of Credits, multidisciplinary learning, National Research Foundation, and institutional autonomy has the potential to significantly enhance research output, employability, and academic innovation. Furthermore, digital transformation initiatives and skill-oriented curricula align well with the state's developmental priorities. However, successful realization of these reforms

depends on adequate financial investment, infrastructure modernization, faculty recruitment and training, digital accessibility, and effective coordination between central and state authorities. Without sustained fiscal commitment and administrative capacity building, ambitious reforms may encounter structural constraints. Additionally, regional disparities, rural access gaps, and concerns regarding federal autonomy require careful and context-sensitive implementation strategies. Ultimately, NEP 2020 should not be viewed merely as a policy document but as a long-term transformative framework. Its impact in Andhra Pradesh will depend on phased execution, inclusive governance, institutional readiness, and continuous evaluation. If implemented with strategic planning and cooperative federalism, NEP 2020 has the potential to reshape higher education into a more flexible, research-driven, equitable, and globally competitive system, thereby contributing meaningfully to India's educational and economic advancement.

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