

# Analysis of the Indian National Education Policy 2020 towards Achieving its Objectives

**Dr. Amruta Pawar<sup>1</sup>, Dr. Sharad Phulari<sup>2</sup>, Varda Dalal<sup>3</sup>, Mahek Rathod<sup>4</sup>**

Assistant Professor<sup>1</sup>, Principal<sup>2</sup>, TY BAMCC<sup>3</sup>, TY BAMCC<sup>4</sup>

ZSCT's Thakur Shyamnarayan Degree College, Kandivali (E), Mumbai, Maharashtra, India

**Abstract:** Well outlined and art movement education policy is important for a rustic school in class in school and college levels because of the rationale that education ends up in economic and social progress. Totally different countries adopt different education systems by considering the tradition and culture and adopt different stages throughout their life cycle school in class in school and college education levels to form it effective. Recently Government of Asian nation proclaimed its new Education policy that relies on the recommendations by associate degree professional committee headed by Dr. Kasturirangan, Former chairman of the Indian house analysis Organization (ISRO). This paper highlights on varied policies proclaimed within the pedagogy system and compare them with the presently adopted system. Varied innovations and expected implications of NEP 2020 on the Indian higher education system beside its deserves area unit mentioned. Finally, some suggestions area unit planned for its effective implementation towards achieving its objectives.

**Keywords:** Higher education, National education policy 2020, NEP-2020, Overview & analysis, Implementation strategies, Predicted implications, Predicted impediments & merits.

## I. INTRODUCTION

India, being a growing liberal country for instructional reforms, presently has concerning 845 universities and close to forty,000 educational activity establishments (HIEs), reflective the general high fragmentation and lots of little sized HEIs within the country that ar attached to those universities [1]. it's found that over four-hundredth of those little sized establishments are running single programme against the expected reform to a multidisciplinary sort of educational activity that is a vital demand for the tutorial reforms within the country for the twenty first century [2]. it's conjointly noted that over 2 hundredth of the colleges have annual enrolment but a hundred students creating them dead to boost the standard of education and solely four-dimensional of schools enter quite three,000 students annually because of regional imbalance further because the quality of education they provide. a number of the explanations found for the fragmentation of the upper education (HE) system in Asian nation are:

- Early streaming of scholars into totally different disciplines.
- Lack of access to HE, particularly in socio-economically deprived areas that resulted within the current gross enrolment magnitude relation (GER) of twenty fifth solely.
- Lack of teacher and institutional autonomy to create innovations in HE to draw in several students.
- Lean mechanisms for career management and progression of school and institutional leaders.
- The dearth of analysis and innovations at the most of faculties and colleges.
- Suboptimal levels of governance and leadership at educational activity establishments.
- A corrupted regulative system permitting faux faculties to thrive whereas limiting glorious, innovative establishments.

It is foreseen that Asian nation are the third largest economy within the world by 2030-2032 with calculable gross domestic product of 10 trillion bucks. It's evident that the 10 trillion economy are driven by information resources and not by the natural resources of the country. To spice up the expansion of the Indian education sector, the current government set to revamp it by introducing a comprehensive National Education Policy 2020. This is often in line with the Prime Minister's recent turn leverage the Fourth Industrial Revolution to require Asian nation to new heights. The

presently introduced National Education Policy 2020 envisions associate degree Asian nation targeted education system that contributes on to remodelling our nation sustainably into associate degree equitable and vivacious information society, by providing top quality education to all or any. The primary national education policy once independence was declared within the year 1968 and also the second national education policy that was improved version of the primary was declared within the year 1986.

## **II. OBJECTIVES OF THE STUDY**

The National Education policy 2020 has several initiatives to enhance the standard and also the wideness of the education system in India. The objectives of this study on National Education Policy 2020 are :

1. To highlights and summary the policies of the freshly accepted instruction system (NEP 2020)
2. To check National Education Policy 2020 with the presently adopted policy in India
3. To spot the innovations in new national instruction policy 2020.
4. To predict the implications of NEP 2020 on the Indian instruction system.
5. To debate the deserves of upper Education Policies of NEP 2020.
6. Suggestions for more enhancements for the effective implementation of NEP 2020 to comprehend its goal.

## **III. METHODOLOGY**

The methodology consists of a abstract discussion on light the gist of the national instructional policy framework, light numerous sections of the policy of NEP 2020 and comparison it with presently adopted education policy. Characteristic the innovations created victimisation the main focus discussion methodology [5-6]. The implications of the policy area unit analysed victimisation the prognostic analysis technique [7-8]. Several suggestions area unit given supported Focus cluster analysis.

## **IV. HIGHLIGHTS OF INDIAN NATIONAL EDUCATION POLICY 2020 :**

### **4.1 Highlights of the Stages**

The National Education Policy 2020 envisions associate Asian country focused education system by considering its tradition, culture, values associated attribute to contribute on to remodel the country into an even-handed, property, and spirited data society. By drawing inputs from its Brobdingnagian and long historical heritage and considering the contributions from several students to the globe in numerous fields like arithmetic, astronomy, metallurgy, life science and surgery, engineering science and design, construction and navigation, yoga, fine arts, chess, etc., the whole Indian education system is based and engineered. the target of thistly declared NEP 2020 is to supply a multidisciplinary and knowledge base liberal education to each aspirant to boost the current gross entering magnitude relation (GER) to five hundredth by 2035. the varied instructional lifecycle stages declared within the policy ar listed in table one beside their special options.

### **A. Various educational stages to be implemented as per NEP 2020**

1. Foundation Stage - Five years Foundational Stage provides basic education that's versatile, multilevel, play-based, activity-based, and discovery based learning. victimization time tested Indian traditions and cultures, this stage is incessantly improved by analysis and innovation for the psychological feature and emotional stimulation of youngsters.
2. Preparative Stage - 3 years preceding stage consists of building on the play-, discovery-, and activity-based learning. In addition to it, this stage bit by bit introduces formal area learning with textbooks. The most focus is to point out utterly completely different subjects to the students and prepare them to require away deeper into insights.
3. Middle school education Stage -Three years of school education concentrate on extra abstract ideas in each subject like sciences, arithmetic, arts, social sciences, and humanities. Experiential learning is that the methodology to be adopted in specialised subjects with subject teachers.

4. Post-graduation Education Stage -Students are exposed to the semester system and yearly 2 category level examinations are conducted. Four years of Gymnasium education is meant to produce multidisciplinary subjects together with branch of knowledge education. This stage are designed on the subject-oriented education and information vogue with bigger Depth, bigger flexibility, bigger vital thinking, and a spotlight to life Students are exposed to the semester system and can study five to six subjects in every semester. There'll be Board exams at the tip of tenth and twelfth standards.
5. Analysis Stage - analysis stage consists of following prime quality analysis leading to a pH scale. In any core subject, multidisciplinary subject, or interdisciplinary subject for a minimum amount of 3 to four years for full-time and part-time study severally. During Ph.D. they must endure 8-credit work in teaching/education/ pedagogy associated with their chosen pH scale.D. Subject. The earlier annual MPhil programme is out of print.
6. Lifelong learning - The NEP 2020 proposes long learning and analysis to avoid mortals turning into obsolete in society in terms of data, skills, and skill to steer a cushty life. it's believed that education and analysis at any stage of life can provide more maturity for satisfaction in life.

#### **4.2 Comparison of latest NEP two020 with Existing NEP**

The 1986 National Education policy focussed on the modernization of the education sector exploitation knowledge technology. further attention was given to restructuring teacher education, time of life care, women's direction, and adult attainment. It to boot planned that the autonomy of universities and colleges will improve the quality of education services. but NEP 1986 did not improve the quality of education in terms of constructing graduates with employability skills and did not generate analysis output in terms of patents and critical publications. To make amends for the failure of previous NEPs, NEP 2020 has proposals of a liberal education to support multidisciplinary and cross-disciplinary education and analysis in under-graduation and post-graduation levels. Table a try of compares the enhancements of variety of the choices of National Education policy 2020 with its previous National Education policy 1986.

The first preliminary education starts at third year of a baby as a Foundation stage. Four years educational activity stage is selected by symptom 2 years higher secondary level and 2 years pre-university levels. Exams ar urged at the college level aside from Board level exams at tenth and twelfth. Four years educational activity stage contains common subjects and elective subjects. Selection relies on liberal education policy.

Undergraduate programmesar of 4 years with a provision to exit when one year with a certificate, when 2 years with a complicated certificate, when 3 years with a pass degree, and when four years with project primarily based degree. Postgraduate education is of 1 to 2 years with additional specialization & analysis focus. All HEIs as well as faculties ar autonomous and there'll be no connected faculties to state universities and autonomy decide programme and analysis.

### **V. HIGHLIGHT OF POLICIES OF NEP 2020 FOR THE SYSTEM**

#### **5.1 Higher Education**

1. The observance and dominant establishments like UGC, AICTE, MCI, DCI, INC, etc. are going to be unified with the upper Education Commission of Asian nation (HECI) as one regulator for HEI.
2. This certification establishments like NAAC and NAB are going to be replaced by a strong National certification Council (NAC).
3. Institution of a National analysis Foundation (NRF) to fund analysis in universities and faculties.
4. Consolidation of existing fragmented HEIs into 2 sorts of Multidisciplinary Universities (MU) and Multidisciplinary Autonomous faculties (AC) with the field having over three,000 students. The Timeline to become multi-disciplinary is by 2030 and to own three,000 and additional students by 2040.
5. Multidisciplinary Universities are going to be of 2 sorts as (1) Research-intensive Universities, and (2) Teaching-intensive Universities.
6. Each existing school can turn into either degree granting autonomous school or migrated into a Constituent school of University and becomes totally a locality of the University.

7. The Gross ingress quantitative relation in HE together with education can increase from current twenty six.3% (2018) to five hundredth by 2035.
8. HEIs that deliver the best quality can get additional incentives from the govt..
9. All existing related to faculties can eventually grow autonomous degree-granting faculties with the mentoring support of related to University by up and securing the prescribed certification level.
10. The assorted nomenclatures used presently like deemed to be university, affiliating university, central university, affiliating technical university, unitary university, etc. are going to be replaced by 'University' once fulfilling the desired criteria as per norms.
11. Analysis are going to be enclosed in UG, PG, level and have a holistic and multidisciplinary education approach.
12. Pedagogy in HEIs can specialize in communication, presentation, discussion, debate, research, analysis, and knowledge domain thinking.
13. An educational Bank of Credit (ABC) are going to be established which might digitally store the educational credits of all registered candidates attained from varied recognized HEIs (SWAYAM & ODL mode) which will be taken under consideration whereas award degrees by the faculty or university.
14. Four years Bachelor degree with multiple exit choices, one to 2 years Master's degree supported the range of years spent in Bachelor degree as four or 3 severally, and choice to do hydrogen ion concentration. for four years Bachelor degree with analysis square measure potential.
15. 2 years Master degree with full analysis within the second year, One year Master degree for four years Bachelor degree holders, and 5 years integrated Bachelor/Master degree.
16. All HEIs can specialize in analysis and innovation by putting in (1) Start-up incubation centres, (2) Technology development centres, (3) Centres in frontier areas of analysis, (4) Centre for business educational linkage, and (5) knowledge domain analysis Centres together with humanities and social sciences analysis.
17. Student Centred teaching & learning method rather than Teacher centred teaching model.
18. Selection primarily based system is revised by AN innovative and versatile competence primarily based Credit System.
19. Examination system can modification from high-stakes examinations (Semester finish system) towards a additional continuous and comprehensive analysis examination system.
20. All HEIs can have skilled educational and career substance centres with counsellors out there to any or all students to make sure physical, psychological and emotional well-being.
21. All HEIs can develop, support, and fund for topic-centred clubs and activities organized by students with the assistance of college and alternative consultants pro re nata, within the space of science, arithmetic, poetry, language, literature, debate, music, sports, etc.
22. Encouragement for on-line Distance Learning (ODL) courses as a district of degree programmes to embrace the system.
23. The Degree programmes might contain in-class teaching, on-line teaching parts, and ODL parts with 40:30:30 magnitude relation model to realize a worldwide commonplace of quality.
24. HE quality are going to be improved to international quality level to draw in additional international students and therefore the credits noninheritable in foreign universities are going to be counted for the award of a degree.
25. National Scholarship Portal are going to be reinforced and enlarged to assist the money desires of benefit based mostly students. personal HEIs are going to be inspired to supply larger numbers of free ships and scholarships to their students.

## **5.2 Academics Education**

1. All complete academics Education establishments ought to convert themselves as Multi-disciplinary HETs by 2030 to supply solely four years integrated B.Ed. programme.

2. All colleges of foundation, preparative, middle, and secondary level ought to appoint 4-years integrated B.Ed. degree holders as academics with twin major specialization (Education & Subject).
3. Until 2030, there'll be 2 years B.Ed. programme for three years UG and annual B.Ed. for four years UG and people WHO have Master's degree in alternative subjects.
4. M.Ed. is going to be one year with analysis focus. the school profile in Departments of Education can be numerous with hydrogen ion concentration.
5. All interested senior or retired school are going to be used short or future for guiding, mentoring, or skilled support for research/training/innovation. A separate National Mission for Mentoring can be established.

### **5.3 Skilled Education**

1. All complete skilled education establishments in any field shall aim to become multidisciplinary establishments providing holistic and multidisciplinary education by 2030. (32) HEIs are going to be inspired to organize professionals in agriculture and veterinary sciences through programmes integrated with general education. HEIs providing agricultural education should specialise in the area people and involvement in fitting Agricultural Technology Parks within the region to market technology incubation and dissemination.
2. Universities/institutions providing law education should favour to provide bilingual education for future lawyers and judges - in English and State language.
3. Attention education system should be integrated in such the simplest way that each one students of medical care medical education should have a basic understanding of Ayurveda, Yoga and treatment, Unani, Siddha, and medical care (AYUSH), and contrariwise. larger stress ought to lean all told sorts of attention education to preventive attention and community medication.
4. Technical education ought to be offered at intervals multidisciplinary education establishments and will focus on opportunities to have interaction deeply with alternative disciplines. the main focus ought to air providing AI (AI), three-D machining, massive knowledge analysis, and machine learning, additionally to genomic studies, biotechnology, applied science, neurobiology, with applications to health, setting, and property living.

### **5.4 Personal Establishments**

1. All personal universities square measure eligible for ranked autonomy supported their certification standing.
2. All personal universities / autonomous schools got to maintain associate openness within their money dealings and therefore the lavatory is chargeable for any irregularities in the method of accounting. lavatory ought to contain eminent folks well purported in their skilled space to guide the speedy development of the HEIs.
3. All HEIs have autonomy when making a decision their fees structure and surplus if any ought to be reinvested in the enlargement comes with a clear method of accounting.
4. All personal HEIs ought to provide two hundredth free-ship and half-hour scholarship within the course fee for worthy students in each course that they provide throughout a given school year and this could be checked and confirmed by the certification method.
5. National analysis Foundation can treat all personal HEIs in par with public HEIs for granting analysis finds that is just supported the benefit of the proposals.

## **VI. INNOVATIONS IN NEP 2020**

1. A hundred high Indian Universities are inspired to control in foreign countries.
2. A hundred high Foreign Universities are allowed and expedited to control in Asian nation
3. Each schoolroom shall have access to the most recent instructional technology that allows higher learning experiences.
4. School Stability are provided in Associate in Nursinging appointed establishment with typically no transfer to different establishments.
5. School members get info Associate in Nursinging pedagogy freedom among an approved framework.
6. Supported educational and analysis performance, school incentives & answerableness are mounted.



7. School fast-track system for prime impact analysis contributions are offered.
8. A multiple parameter-based API policy with peers & students' feedback, innovations in teaching & pedagogy, skilled development activities, Quality and impact analysis, contribution to Associate in Nursing establishment in terms of admission, and social community contribution are in situ.
9. The API policy can clearly be outlined within the Institutional development set up.
10. specialize in achieving property Education Development Goal (SEDG) & GER of fifty by 2035.
11. All pH scale. D. registered students ought to take one subject associated with teaching/curriculum development and settle for teaching Assistantship for enhancing teaching skills.
12. All students ought to be inspired to require SWAYAM on-line courses a minimum of 2 courses per semester.
13. Strengthening vocational training (VE) to achieve a minimum of five hundredth of the coed population. HEIs ought to set up however VE may be offered to any or all the scholars.
14. Arrange to provide B.Voc. as twin degree programme in ODL (Online Distance Learning) mode or two hours evening programme through ability labs & partnership with business & NGOs.
15. Presently, analysis & innovation investment in Asian nation is of zero.69% of GDP against a world average of three of GDP.
16. Inclusion of analysis and internships within the college man info as a awfully essential element.
17. Four functions of (1) regulation (NHERC), (2) enfranchisement (NAC), (3) funding/ grants (HEGC), Associate in nursing (4) educational normal setting (GEC) ar controlled by an umbrella establishment, the upper Education Commission of Asian nation (HECI).
18. GEC decides the twenty first century skills to be learned by students.
19. A anonymous and clear restrictive intervention are designed mistreatment technology to watch quality in pedagogy. Strict compliance measures with rigorous action, as well as penalties for false revealing of mandated info are taken to make sure the fundamental minimum norms and standards.
20. Empower personal HEIs to make your mind up fees for his or her programmes severally, although among the set out norms.
21. Info Communication and Computation Technology (ICCT) & Nontechnology (NT) can be introduced at college man education to extend the employability of youths.
22. Twin degrees in Education & Sanskrit (Dual degrees in four years Degree programs), as an example, BCA & BA in Language.
23. AI analysis Centres, engineering science analysis centres get support from NRF.
24. Creation of Virtual Labs together with SWAYAM and Diksha to support MOOC education.
25. Annual education expenditure of Asian nation needs to increase from the present four.43% of GDP to six of GDP.
26. HEIs shall additionally move far from high-stakes examinations towards additional continuous and comprehensive analysis (weightage for internal continuous analysis and Semester finish examination are 50:50).
27. Alternative based mostly system are improved and competence based system goes to be adopted.
28. Specialize in effective self-governance and outstanding merit-based leadership appointment and a Board of Governors (BOG) of extremely qualified, competent, and dedicated people have well-tried capabilities and a powerful sense of commitment to the establishment. Lavatory shall be accountable and responsible to stakeholder's through clear self-disclosures of all relevant records.
29. Focus is on the building of digital infrastructure, digital content, and capability building to stay pace with Tech-generation expectations.
30. Different innovations like stress on networking with industries and different HEIs for analysis and collaborations, specialize in making IPR, and up stakeholders perception also are advised.

## VII. CONCLUSION

Higher education is a crucial side when deciding the economy, social rank, technology adoption, and healthy human behaviour in each country. rising GER to incorporate each subject of the country in education offerings is that the responsibility of the Education Department of the country government. National Education Policy of Asian nation 2020 is walking towards achieving such objective by creating innovative policies to enhance the standard, attractiveness, affordability, and increasing the offer by gap up the upper education for the non-public sector and at identical time with strict controls to keep up quality in each education establishment. By encouraging merit-based admissions with free-ships & scholarships, benefit & analysis primarily based continuous performers as school members, and benefit primarily based established leaders in control bodies, and strict observance of quality through biennial certification supported self-declaration of progress through technology-based observance, NEP-2020 is anticipated to fulfil its objectives by 2030. All education establishments with current terminology of related to faculties can expand as multi-disciplinary autonomous faculties with degree giving power in their name or becomes constituent faculties of their related to universities. AN impartial agency National analysis Foundation can fund for innovative comes in priority analysis areas of basic sciences, applied sciences, and social sciences & humanities. HE system can rework itself as student central with the freedom to decide on core and allied subjects at intervals a discipline and across disciplines. School members additionally get autonomy to decide on information, methodology, pedagogy and analysis models at intervals the given policy framework. These transformations can begin from the educational year 2021-22 and can continue till the year 2030 wherever the primary level of transformation is anticipated to visible. Hence, the Indian education system is moving from teacher central to student central, data central to data central, marks central to skills central, examination central to experimental central, learning central to analysis central, and selection central to competence central.

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