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NEP-2020 AND USE OF INFORMATION COMMUNICATION TECHNOLOGY

Authored By

Dr. Prakash Ratanlal Rodiya,

Asst. Prof. Faculty of Commerce, Rajarshi Shahu Mahavidyalaya, (Autonomous) Chandra Nagar, Latur,

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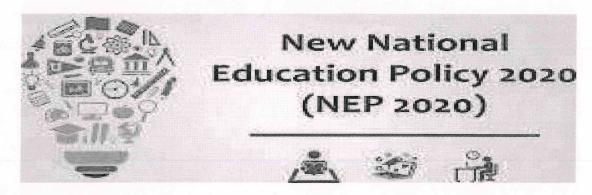
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NEP-2020 AND USE OF INFORMATION COMMUNICATION TECHNOLOGY

Dr. Prakash Ratanlal Rodiya, Asst. Prof. Faculty of Commerce, Rajarshi Shahu Mahavidyalaya,
(Autonomous) Chandra Nagar, Latur,
Miss Pallavi Mane, Research Scholar, Faculty of Commerce, Rajarshi Shahu Mahavidyalaya,
(Autonomous) Chandra Nagar, Latur

Abstract:
Online Learning mode of instruction is expected to serve three fundamental be that as it may unmistakable purposes of Esteem, Expansion and Greatness in instruction to realize our national objective of 'Education for All,' without compromising on quality of instruction. India has risen as a world pioneer in ICT. We are moving towards a progressed society and data economy through 'Digital India' campaign. Portion of instruction is basic in this change where utilization and integration of advancement at all levels will be of crucial significance. This paper analyzes the courses of action of innovation exercises gotten by NEP 2020 for instruction division in common and for online mode of instruction in specific. It additionally talks approximately its likely fall-out impacts.

Key Words: Online Education, NEP, Higher Education, skills.

Introduction:
Information and Communication Innovation may be a prime resource to overcome the obstructions in ODL mode of instruction such as more distant range of the learners who are in tremendous numbers wherein the institution must donate different administrations to the learners at differing stages of a student-learning life cycle with restricted human resources open. The different stages of understudy learning life cycle are:
1. Assertion arrange
2. Learning arrange
3. Evaluation arrange
4. Certification stage

Objective of the study:
1 To study the NEP 2020 in our country.
2. To study role of NEP in ICT based education.
3. To study role of NEP-2020 in the higher education system.

Methodology:
For the present research paper investigator has collected the required data and information from the various published and unpublished sources.

ICT and NEP 2020:

NEP-2020 talks around the transformational part of instruction for making India a carefully driven society and information based economy. While instruction will be at the center of this alter, innovation will advance the strategy of instruction and its result. In this way, utilization of advancement and its integration into instruction gets to be totally essential. Developing innovations such as made insights, machine learning, mechanical innovation and computerization, web of things, square chain, cloud computing, quick sheets, hand-held gadgets, e-proctored exams are exponentially amplifying and affecting teaching-learning techniques interior the classroom and past the classroom. This requires in-depth ask almost on both the fronts.

In light of the over, NEP-2020 has prescribed course of action of National Instructive Advancement Gathering (NETF) to encourage choice making on acceptance, arrangement and utilization of suitable innovation in educator teach by giving evidence-based guide to central and state government organizations. The center of imaginative headways will be for improvements of direction, learning and assessment methodologies; planning of instructors; progressing teacher get to; instructive administration; organization, organization, confirmation, cooperation, appraisals, etc. A large number of multi-lingual instructive program will be custom sketched out, tried and made available for understudies and instructors at all levels. Tech-enabled instruction stages such as DIKSHA/SWAYAM will be coordinates into instruction system.

Online Education System and NEP 2020:

NEP-2020 drives the point to gather the benefits of ODL mode of instruction whereas tending to the downsides. The ODL mode of instruction have to be palatably address concerns of esteem. Educates within the routine instruction system will require uncommon planning for online instructing, intuitive, on line e-proctored examinations. NEP-2020 endorses taking after key activities for blending ODL mode of instruction with ordinary or routine instruction:

1. Pilot considers for online instruction by national offices for overview of comes almost and persistent change.
2. Advanced establishment, which is open, inter-operable, evolvable for utilize on distinctive stages to supply multi-point arrangements.
3. Online guideline stages and devices. SWAYAM/DIKSHA can be extended help. Two-way audio-video online classes is the require of the hour.

NEP 2020 and ICT Effects:

While the approach centers on different viewpoints, a joined string runs through the course of action is the related of instruction and advancement. Our claim may be a information- driven society, and there's a creating have to be welcome and grasp the utilization of innovation inside the field of instruction. The arrangement pushes forward a central subject of broad and reasonable utilize of development in educating and learning, arranging of dialect boundaries, expanding get to and improving quality and incredible orchestrating and governance instrument in educator educate. Whereas the approach might be a novel and dynamic archive, it is crucial to arrange and create a comprehensive organize of movement for pushing forward innovative proficiencies to assist effective engagement with development and its future progressions though giving compelling security measures for data security and information security.

Artificial Intelligence and NEP 2020:

The Course of action sees challenges developing on account of the distant coming to utilize of Counterfeit Insights (AI) and highlights the ought to get changes happening on account of extended utilize of AI over divisions. It has depended the NETF with recognizing and categorizing rising progresses based on their 'potential' and 'estimated time designation for disruption' and to show an irregular examination of the same to the MHRD, who might at that point formally recognize such propels which require fitting responses from the instruction system. In light of the creating 'disruptive technologies', the Arrangement is initiating since it notes the got to be make mindfulness

as well as conduct ask approximately on diverse points of the creating troublesome developments, tallying concerns relating to data managing with and confirmation.

NEP and Autonomy in higher education:

Among a few curiously components of NEP 2020, possibly the finest course of activity is to allow more independence to teacher foundations, particularly those that are giving quality instruction. This will offer help compensating foundations that point towards enormity. As well, the central government's courses of activity to setting up ten Indian Establishments of Classy Sciences/Multidisciplinary Instruction and Examination Colleges on the illustrate and rules of the Indian Organizations of Improvement (IITs) will moreover fulfill the truly fundamental changes. This shows up the all-around thought accentuation inside the approach on supporting innovativeness and conclusive considering adjacent empowering cleverly energetic and progress inside the social and instruction spaces. One more critical parcel of NEP 2020 is its endeavor to initiate liberated of the relentless stream-based instruction system. Rather than this, it guarantees to offer flexibility that can permit understudies to require after their excitement in a diverse cluster.

ICT in NEP 2020 and Challenges:

The major challenges to present the ICT in NEP 2020 are as beneath.

- Need of authentic ICT lab workplaces inside the college
- Lacking supplies of hardware and program offices
- Need of suitable arranged educators instructors and assets available for teaching ICT instruction
- Need of basic data for utilizing ICTs among teacher-trainees
- Need of authentic building system for ICT related offices
- Packed classroom
- Deficiency of computer for get to all the instructor- learners inside the educate
- Need of fitting cash related support from the regulatory, division and the government as an entire
- Require of fitting planning for the teacher-educators in relating to the utilize of ICTs equipment's
- Poor orchestrate of Wi-Fi organize within the institution
- Got to overtake ICT related course in instructor instruction
- Need of experts and specialists to outline appropriate instructive programs as per NEP 2020
- Need to have think approximately materials for specialized data in utilizing ICTs equipment's Need of educates who are willing to coordinated innovation with instruction in their educating.

Conclusion:

Integration of advancement in online learning may be a step within the legitimate heading. NEP-2020 drives innovation exercises inside the instruction segment and inside the online learning mode of instruction in specific. Whereas online learning mode of instruction gives esteem and scope for development allocate must be done towards accomplishing brilliance in this mode of instruction. Beat 100 colleges as per NIRF Rankings (2020) have as of presently been permitted by UGC to expedite online learning mode of instruction. Post COVID-19 far reaching, a modern blended appear of instruction will rise, which is crucial and inescapable. Partners like industry accessories, substance and book providers, education-technology players, made a difference development players, ICT foundation providers have a portion to offer to educator instruct in terms of Inquire about & Enhancement (R&D), co- organizations, collaborations, MOUs, substance creation, transport disobedient, e- proctored examinations, assistive gadgets and various more.

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