

INNOVATIVE TRENDS IN EDUCATION SYSTEM

** Manisha Ramesh Chikate & ** Dr. Kaluram N. Bhise*

** Ph. D Research Scholar, Tilak College of Education, Pune.*

***Assistant Professor, Tilak College of Education, Pune.*

Abstract :

Education is the main factor that can influence how the country develops. India is moving towards digital education. This will encourage the growth of innovative ideas among students and the nation's young people. The purpose of education in the twenty-first century is to equip students with the knowledge and skills they need to thrive in the modern world while also developing their confidence to apply those skills. Using innovative methods and tools help teachers realize a number of important goals, including better involving students in an active learning environment. This article gives an insight into the recent innovative trends in the Indian education system, challenges faced by it, opportunities and suggestion to improve it.

Key Words: *Innovative Trends, Indian Education System, Significance, Challenges, Opportunities.*

Copyright © 2023 The Author(s): This is an open-access article distributed under the terms of the Creative Commons Attribution 4.0 International License (CC BY-NC 4.0) which permits unrestricted use, distribution, and reproduction in any medium for non-commercial use provided the original author and source are credited.

Introduction:

The Education system in India is designed to enhance an individual's knowledge, techniques, skills and vision concerning various worldly topics. Education is a valuable tool for empowering one's ability in every sphere of life. Educational innovations are emerging in India in order to increase economic growth and to strengthen and protect democratic values of life and also to achieve equality, human rights, women rights, etc. Innovation is usually defined as the introduction of new uses and techniques that are useful for the society. Different developments are enhanced through education, like cognitive, intellectual, social or personal development. In the system of education, higher education incorporates management, engineering, medicine, technology, science etc. these fields contribute a major role in the impartment of

knowledge, information, values and skills amongst the individuals. It also plays an important part in increasing the nation's growth and productivity. New technologies will continue to create exciting and interactive learning environment. Most importantly, a great sense of accessibility and inclusion will ensure more people can take advantage of life changing educational opportunities.

Innovative Trends in Education:

To innovate means to make changes or do something a new way. Innovation in education means solving a real problem in a new, simple way to promote equitable learning.

According to Oxford Learners' Dictionary, the direction of change or development of a situation is called a trend. Thus, trends in education are teaching and learning methods being highly applicable and bringing great value to people.

Importance of Innovation in Education:

Innovation in education can lead to better overall outcomes in the education environment. Education is one of the important factors in the economic development of any country. India since the early days of independence has always focused on improving the literacy rate in our country. NEP 2020 is the first education policy of the 21st century and aims to bring about the much-required changes. Its major objective is to universalize education while keeping it equitable and inclusive. Innovation brings a transformation in the Indian education system and the authorities and Government must encourage and boost the young minds to focus on overall development rather than just the book-learning.

Review of Literature:

Shruthi Devi. R, Keerthi Sasanka. L, Karthik Ganesh Mohanraj, Nabeel Ahmed. (2020) studied 'EMERGING TRENDS IN INDIAN EDUCATION SYSTEM - A REVIEW' study focus emerging trends in the Indian education system, challenges faced by it. The study setting is a review and the information is obtained through search engines like PubMed and Google.

Younis Ahmad Sheikh (2017) 'Higher Education in India: Challenges and Opportunities' was study main to highlight the challenges and to point out the opportunities in higher education system in India. The study reviews field survey, websites, internet, magazines etc.

K C Chakrabarty (2011) 'Indian education system – issues and challenges' this paper attempt to identify need and importance of education, issues challenges in education system. The study reviews secondary data, websites, internet, magazines etc.

Dr. Radhika Kapur, 'Problems in the Indian Education System' The main purpose of this research paper is to understand the problems in the Indian education system, the main areas that have been

highlighted are, need and significance of education, issues in the Indian education system, challenges in the Indian education system.

Rakesh Kumar (2017) 'Different Aspects of Emerging Trends of Indian Education' This paper is an attempt to give a study in emerging trends in education from its different aspects. It also mentions Change in Traditional Teaching Learning Process.

Objectives of the Study:

- 1) To understand the concept of Innovative Trends in Education.
- 2) To know various Innovative Trends in Indian Education System.
- 3) To identify challenges and opportunities in Indian Education System.

Research Methodology:

The study is based on secondary data for fulfil the objective of the study. These data are collected by different published papers, articles and various central and government websites and reports.

Significance of the Study:

Innovation in education promotes critical thinking, a sense of adventure, and an openness to adapt that will serve our students in the classroom. It will provide them necessary tools to tackle the challenges of their future workplace and give them the confidence and skill to continue to adopt. New technologies and innovative trends will continue to create exciting and interactive learning environment.

Innovative Trends in Education:

Modern education significantly differs from the traditional methods of teaching. As evolution in education take place, the education providers look forward to most trending and attractive way of teaching.

1. Online learning: Online learning refers to instruction that is delivered electronically through various multimedia and internet platform and

application it also known as web-based learning, e-learning, internet- based learning, distance learning.

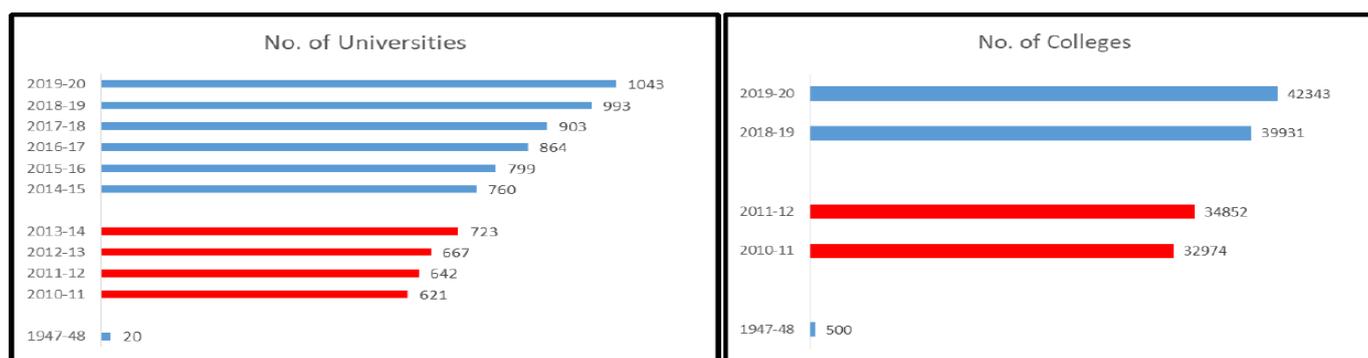
2. **Blended learning:** Since the growth of technology, blended learning is never out of the populareducational trends list. It is a method of teaching that integrates technology and digital media with traditional instructor-led classroom activities.
3. **Social- Emotional learning:** SEL is the process of developing the self-awareness, self-control, and interpersonal skills that are vital in school, colleges, work and life success. People with SEL are better able to cope with everyday challenges.
4. **Mobile learning:** Mobile devices now are essential parts of our day-to-day lives. Access anywhere and anytime. M learning is a new way to access learning content using mobile devices. It supports continuousaccess to the learning process,
5. **Concept-Based/Experiential learning:** It is the process of learning by doing. By engaging students in hands -on experience and reflection they are better able to connect theories and knowledge learned in theclassroom to real-world situation.
6. **Introduction of Gamification:** The gamification theory in education is that learners learn best when theyare also having fun. Gamification in learning

involves using game-based elements such as point scoring,peer competition, teamwork etc.

7. **Student Assessment using Artificial Intelligence (AI):** For students using online test systems powered by AI, they experience personalized evaluations. AI-based programs offer valuable insights into the performance of students and the group for each topic/subject.

Opportunities in Indian Education System:

The growing education sector of the country has witnessed a high demand for the digitization of education. Indiahas the largest population in the world in the age of 5-24 years with 580 million people, presenting huge opportunity in the education sector. The government implemented policies like NEP, which fully implemented over the course of this decade starting from 2021-22. The education sector in India was estimated to be worth US\$ 117 billion in FY20 and is expected to reach US\$ 225 billion by FY25. Number of colleges in India reached42,343 in FY20. As of November 25, 2022, the number of universities in India stood at 1,072. In 2022-23 there are 8,902 total AICTE approved institutes in India. In February 2022, the Central Government approved the ‘NewIndia Literacy Programme’ for the period FY22-27 to cover all the aspect of adult’s education to align with the NEP 2020 and budget announcements 2022-23. Higher education sector in India is set for major change and development in the years to come.



(Figure 1: No. of Universities & Colleges in India)

Challenges in Indian Education System:

Expensive higher education/ Digital learning is expensive:

The latest digital education trends is expensive touse for learning but it will be a great opportunity if it is provided free of cost.

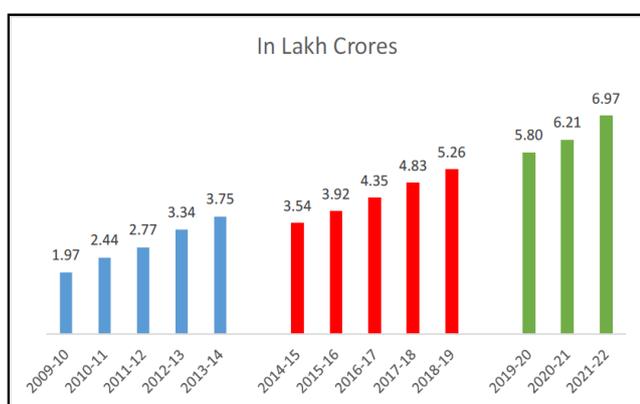
Lack of social interaction: Increased technology-based education it affected social interaction among students alot. They feel less motivated and lack peer interaction and motivation.

Over dependent on technology reduces intellectual skills: If students more dependent on technology will ruin their intellectual skills like innovative ideas, problem solving, critical thinking etc.

Lack of computer literacy: Computer literacy enables students to make use of the online learning platforms. Students who do not learn age-appropriate computer skill such as typing, online research, use of internet.

Lack of parental involvement: Parents are often too busy to be actively involved in the education of their children.

Neglect of Indian languages: The medium of instruction particularly in science subjects is English. So ruralstudents who are not well versed in English, cannot study science properly in English.



(Figure 2 : Combined expenditure on Education by Central and state Governments)

Limitations of the Study:

The study is based on Secondary data collected from articles of newspapers, books, and websites. In the

study thefocus is given mainly on innovative trends in Indian education system.

Conclusion:

The curriculum of the 21st century guides teachers and learners on how to navigate their future. In changing times, only traditional education will not be useful for all-round development of students and facilitate their future life. That is why skill-based education has gained unique importance. If the rising unemployment rate is to be reduced, students will definitely benefit if they acquire different skills along with the curriculum. In the current era of competition, students should not only focus on engineering and medical fields but also look at other options. For example, many opportunities have arisen in various fields such as nanotechnology, hotel management, and forensic accounting. There is a lot of scope for innovation with the talents of the students in this field. Teachers have to update, enhance and develop in order to catch up with the 21st century skills.

References:

Papers:

Jain AR, Nallaswamy D, Ariga P. Determination of Correlation of Width of Maxillary Anterior Teeth with Extraoral Factor (Interpupillary Width) in Indian Population [Internet]. JOURNAL OF CLINICAL AND DIAGNOSTIC RESEARCH. 2019.

Shruthi Devi. R, Keerthi Sasanka. L, Karthik Ganesh Mohan raj, Nabeel Ahmed. Comp EMERGING TRENDS IN INDIAN EDUCATION SYSTEM - A REVIEW-- Palarch's Journal of Archaeology of Egypt/Egyptology 17(7), 618-628. ISSN 1567.

Younis Ahmad Sheikh PhD Research Scholar, MPISR, Ujjain, Higher Education in India: Challenges and Opportunities Journal of

Education and Practice ISSN 2222-1735
Vol.8, No.1, 2017

International Journal of Mechanical Engineering and
Technology (IJMET) Volume 10, Issue 02,
February 2019, pp. 1319- 1330.

Shipra Gupta, Shipra Agarwal, Changing Trends in
Indian Education System: Merits and
Demerits, International Journal of
Innovative Technology and Exploring
Engineering (IJITEE) ISSN: 2278-3075,
Volume-8 Issue-4S3, March 2019

A Suresh Kumar, Recent Trend in the Education
System of India, 2019 JETIR March 2019,
Volume 6, Issue 3.

Rakesh Kumar Mohini Devi Goenka B.Ed. College,
Different Aspects of Emerging Trends of
Indian Education, 2017 New Delhi
Publishers.

Reports:

Department for promotion of Industry Internal Trade
(DPIIT)

Union Budget 2022-23

Websites:

Retrieved from-

<https://www.ibef.org/>

www.highereducationdigest.com

www.emerald.com

Cite This Article:

Chikate M.R. & Dr. Bhise K.N. (2023). INNOVATIVE TRENDS IN EDUCATION SYSTEM. In Aarhat Multidisciplinary International Education Research Journal: Vol. XII (Number VI, pp. 19–23). Zenodo. <https://doi.org/10.5281/zenodo.10467658>