

Dogo Rangsang Research Journal
(A Bilingual Research Journal, Indexed in UGC-Care list)
Vol-12, Issue. 08 No.02 August 2022

ISSN : 2347-7180

DOGO RANGSANG

Research Journal

দগো বাংছাং

গবেষণা পত্রিকা





ISSN 2347-7180

DOGO RANGSANG RESEARCH JOURNAL

দগো বাংলা গবেষণা পত্রিকা



A Peer Reviewed Bilingual Research Journal
(Indexed in UGC-CARE List)

ISSN 2347-7180

DOGO RANGSANG RESEARCH JOURNAL
দগো বাংছাং গবেষণা পত্রিকা

Vol. IX, Issue. XV

January, 2022
২০২২

Chief Editor (Hon.) : Dr. Upen Rabha Hakacham
Editors (Hon.) : Dr. Lalit Chandra Rabha
Dr. Dharieswar Kalita

মুখ্য সম্পাদক (অতিথিকৃত)
সম্পাদকবর্গ (অতিথিকৃত)

ড° উপেন বাভা হাকচাম
ড° ললিত চন্দ্র বাভা
ড° ধারেশ্বর কলিতা



Dogo Rangsang Research Society
Reg. No. KAM-M/263/L/ 595 of 2015-16
দগো বাংছাং গবেষণা সমিতি





সূচীপত্র

CONTENT

S.No	TITLE	Page No
1	INNOVATIVE TEACHING AND LEARNING METHODS DURING POST COVID	1
2	INNOVATIVE TEACHING & LEARNING METHODS DURING COVID: IMPACT ON STUDENTS	5
3	CONTEMPORARY ISSUES IN HIGHER EDUCATION IN INDIA AND OPPORTUNITIES	12
4	IMPACT OF VIRTUAL LEARNING ON SOCIAL AND EMOTIONAL INTELLIGENCE SKILLS OF UNDER GRADUATE STUDENTS: AN ANALYTICAL STUDY	20
5	CO-TEACHING ENGLISH AND SOFT SKILLS IN COVID AND POST COVID TIMES: AN IMPACT STUDY	24
6	USE OF TECHNOLOGY IN CLASSROOMS: AN OVERVIEW	29
7	EFFECTIVENESS OF TEACHING-LEARNING MATERIALS DETERMINING ACADEMIC ACHIEVEMENT OF SENIOR SECONDARY SCIENCE STUDENTS	35
8	IMPACT OF COVID-19 PANDEMIC ON HIGHER EDUCATION	39
9	A COMPARATIVE ANALYSIS OF INDIA'S NEP-2020 AND EU'S EDUCATION POLICY	44
10	PROGRESSING TOWARDS AUGMENTED REALITY IN THE FIELD OF EDUCATION	48
11	TECHNOLOGY'S IMPACT ON THE TEACHING-LEARNING ENVIRONMENT A STUDY COLLEGE IN HYDERABAD	52

12	SUSTAINABILITY COMPETENCIES: A CRITICAL REVIEW	59
13	HOW DISCOURSE ORIENTED PEDAGOGY FACILITATES COLLABORATIVE LEARNING, CLASSROOM MANAGEMENT, AND CO- TEACHING IN ELT(GOVT SCHOOLS IN,HYD.T.S)	68
14	OPINION OF MANUU STUDENTS TOWARDS CHOICE BASED CREDIT SYSTEM	73
15	PROS AND CONS OF ONLINE EDUCATION	78
16	RETHINKING TEACHING AND LEARNING IN THE DIGITAL AGE	83
17	ROLE OF THE TECHNOLOGY ON HIGHER EDUCATION: AN ASSESSMENT OF ONLINE TEACHING THROUGH TECHNOLOGY	88
18	INNOVATIVE TEACHING AND LEARNING METHODS DURING THE POST-COVID	94
19	DEVELOPING PROBLEM-SOLVING SKILLS AMIDST PANDEMIC	99
20	STUDENTS' PERCEPTION ON ENTREPRENEURSHIP: A POTENTIAL MEDIATOR TOWARDS ATAMNIRBHAR BHARAT	108
21	NEW DIMENSIONS IN HIGHER EDUCATION IN THE POST COVID-19	113
22	NEW EDUCATION POLICY,2020:A PARADIGM SHIFT TO SKILL BASED EDUCATION	120
23	CONTEMPORARY CHALLENGES OF BACKWARD CLASSES IN HIGHER EDUCATION	127
24	ENTREPRENEURSHIP EDUCATION-ITS IMPACT ON WOMEN ENTREPRENEURS	132
25	DIGITAL EDUCATION IS A MYTH OR REALITY RESEARCH	135

L.Narasimha Rao, Librarian, Y.V.N.R Govt. degree college, Kaikaluru, lakkoju1971@gmail.com,
Dr V.Sandhya, lecturer in Zoology, Y.V.N.R Govt. degree college , Kaikaluru,
Devireddy Radika, Govt. Degree College for Women, Begumpet, Hyderabad

Abstract:

One country One Education policy model is a nationwide new education policy that has been in existence since 2020. As Education comes under in concurrent list, till date the country has not looked at One Nation One Education system. This has led to the implementation of one education system between the states and the center across the country, from primary level to higher education. The current education system is as per 1986 Education Policy may implemented by the then. Prime Minister Late Sri Rajiv Gandhi. Technology has been given priority in this old education policy system. The important feature of the new education policy, 2020 is integrating the moral and environment values with skill based traditional and modern education which reflects in curriculum and the research orientation education is main objective of the new education policy of 2020 is to strengthen our research institutions, teaching institutions from elementary level to higher education as well as to raise ethical values, environmental awareness. The New education policy has opened doors to technical education, foreign and domestic investment in the education sector from schools to higher education from time to time to acquire updated technology. The other feature of the new education policy is setting up a National Translation Council for 14 regional languages related to education. The New Education policy has proposed encourage public investment and private investment in infrastructure to strengthen the education sector. Setting up teacher training institutes to improve human resource skills in education and setting up skill development centers, Introducing online education system from primary level to higher education with the support of the Digital India are other aspects in it. The central government has embarked on its efforts to make teacher education training accessible and to strengthen teacher education. It has started its own efforts with the aim of making our educational institutions grow on par with international educational institutions by incorporating many things in this new education system such as making institutions accessible. 500 Fortune companies like Google and Face book have come forward to invest in DIGITAL INDIA to make the online education system available to remote areas with uninterrupted signals. This new education system emphasizes creativity and critical thinking processes. In this new education system, the country will move forward towards inclusive growth with the cooperation of communities over time. Strengthening the field of research in the field of education is given a lot of priority. This new education system provides an opportunity for those who are starting new innovations and new start-ups. Everyone is given equal priority in enjoying universal education. It is designed to enhance the life skills of individuals. In coming days high speed bandwidth is available. These companies have accelerated their efforts to develop 14 regional language fonts in Digital India. While the availability of 5th generation mobile services as part of Digital India is on the rise. The availability of uninterrupted satellite online services through One Web and Star Link are the other milestone. The new education system will be made available to keep pace with the fundamental changes in the field of education while keeping pace with the coming changes in technology to keep pace with the 21st century. Therefore, it will provide a quality education system that meets Global standards. In addition In research will be given the highest priority. In addition to that our ancient education is adopted in the new education system such as Ayurveda, Astrology, Yoga, Music, Dances. Sculpture will give prominence to their sciences. Another key element of the new education system is the introduction of market-oriented courses In order to producing young people with the skills needed for industry. The main objective of the new education policy is to transform 100% of the youth into skilled youth. Ultimately the goal of new education policy is to make our country an education hub destination to foreign students.

Key Words: Critical Thinking, Market oriented courses, Research, Digital India, Technology, Life skills, Skill base Education, Lifelong Learning skills, Foreign and Domestic Investment

Introduction:

The present government is committed to radically changing the current education system in India in the 21st century. At present we need to be able to set up educational institutions that can provide our youth with competent students who can compete internationally. The demand for infrastructure is haunting the education sector. The Center is unable to receive the required funds due to the financial deficit, which is supposed to contribute 6 per cent of the GDP to the education sector. The Central Government has recognized the need to strengthen the current education sector from basic education level to higher education with research orientation. The new education system, 2020, will be implemented to expedite the reforms required to make the necessary arrangements. The new education system will give a boost to the private education sector. The new education system will include public and private educational institutions. Aided education system will be discontinued. In the coming days, there will be a large influx of innovations and large-scale investment in education. In the coming days, the online education system will replace the traditional education system.

The objectives inherent in the new national policy brought to our country are mainly to bring our education sector from primary level to higher education. In this new education POLICY, 2020 some issues were given the highest priority. Research should be given the highest priority. Higher education boards should be set up at the central and state levels to encourage private investment to create infrastructure in the education sector and to make education competitive internationally. At the central level, a Central Higher Education Commission chaired by the Prime Minister should be set up. Higher education boards should be set up at the state level under the chairmanship of the Chief Minister. Educators, industry leaders and relevant authorities have access to these boards.

Objectives of the study

1. To make online education accessible to all from primary level to higher education
2. Reducing the Digital divide between urban and rural areas
3. To make available the technology required to enhance the various skills in the students.
4. Connect the various integrated digital libraries in the country and provide digital services to all at a nominal cost.

This new education policy should make education universal. Higher education should be accessible to all, especially rich and poor alike. Scholarships should be made available to students with merit. Preference should be given to all languages recognized by the Constitution, especially regional languages. New Education Policy Council to provide opportunities for students to study in a language of their choice. How important it is to develop a language translation system using science and technology. Only then will regional languages survive.

Scope of the study

The main objective of this new education policy is to provide education with values as well as awareness of the environment. The aim is to nurture the field of education from primary level to higher education by constantly adapting technology and providing quality education. Opening the door to domestic and foreign investment to strengthen infrastructure creation in education. Providing an education of international standards is part of this new education system. The ultimate goal of this new education system is to make lifelong learners. The ultimate goal of this new education policy is to raise awareness of skills, values, quality, environment, egalitarian life skills.

METHODOLOGY

The methodology is taken through secondary data regarding the effects of pandemic on Indian world economies. Methodology The present Research Paper is using Secondary Data by collecting Information on the present issue like websites, newspaper articles, magazines, Government reports, journals, etc. In line of this, the use of extensive Literature Review method has been implemented to carry out the present research meaningful. Literature review methodology is a proven tool to do secondary data base reviews. They serve and present solid grounds for future investigation.

National Curriculum Framework (NCF)
Dr. Kasturirangan also chaired the drafting committee for the National Education Policy, 2020 which recommended the development of a new NCF. The steering committee has been given a tenure of three years to complete its task. Former Indian Space Research Organisation (ISRO) Chairman K.

Kasturirangan as the head of a 12-member steering committee responsible for developing a new National Curriculum Framework (NCF).

Main features of New Education Policy

1. Regional languages will be given priority in this new education system.
2. Compulsory education will be implemented from the age of 3 to 18 years under Right to Education act, 2005.
3. The degree duration is 3 or 4 years, PG duration is 1 or 2 years, occasional course 1 year, Diploma course duration is 2 years
4. Degree and PG integrated course duration is going to be 5 years.
5. The affiliated college policy will be phased out over the next 15 years.
6. Adoption of a hierarchical autonomy system in education, administration and finance.
7. Technology will be given a big boost in education.
8. Regional languages will be given prominence in the digital technology education system.
9. This new education system will open the door to online education.
10. With the advent of 5G in the coming days there will be major changes in the online education system.
11. Private universities will grow as part of this new education system in the coming days.
12. With the arrival of investment in this new policy, the education system may become more burdensome.
13. This new curriculum will focus on research.
14. This new education system is being monitored by the national machinery.
15. Establishment of the Council of Independent Governors.
16. Teachers with digital education, management of digital classes, digital skills.
17. Establishment of Virtual Labs under control of National Educational Technology Forum
18. Preference for this E-content in regional languages
19. User friendly Education software provide for disabled people.
20. M .Phil will be canceled from now on.
21. All higher education institutions in the country come under a single Window regulatory body.
22. With the advent of Augmented Reality, Virtual Reality, Artificial Intelligence and Machine Learning in all higher education institutions in the country, new changes are taking place in the field of education.
23. By the year 2035, 50 percent of students must be educated in higher education institutions.
24. 5 + 3 + 3 + 4 will be implemented in the new education system
25. Teaching in the mother tongue till 5th class
26. Conducting exams based on skills.
27. Enhancing their capabilities by training students with the skills needed for industries.
28. The goal of the new education system is not only to train them as professionals
29. The Central Education Advisory Council will be strengthened in the new education system. This advisory council has the exclusive powers to focus on quality standards in the education system.
- 30 E-Courses developed in eight regional languages.
31. Single regulator for all education institutions.
32. Vocational Education to start from class 6th with internships
33. 5 years of Foundation Course in place of pre primary and primary education
34. Teaching in local languages to students up to class 8
35. Establishment of New National Testing Agency for conducting Higher Education Entrance Examinations.
36. Giving autonomy to degree colleges offering higher education.
37. Opening the door to international universities offering higher education. Bringing universities here up to international standards by setting global standards in education.
38. Freedom to choose the subjects of their choice. In higher education, students have the facility to obtain a certificate along with the option of withdrawing their education in the middle.
39. Freedom to choose the subjects of their choice. In higher education, students have the facility to obtain a certificate along with the option of withdrawing their education in the middle.

40. Affiliated colleges will be abolished by 2035 under the new education policy. Independent colleges will replace the affiliated colleges. Universities are about to become multidisciplinary universities. Set up. In a sense, designing market-oriented courses involves sharing higher education in policy-making as well as finding solutions that society needs in solving social problems. Moreover maturing higher education by paving the way for new innovations.

Investment & Technology

On the one hand, as part of Digital India, Google will invest Rs 75,000 crore in various forms over the next 5-7 years. As part of that, it started investing in the jio platform. These investments are mainly related to digital expansion services. These services are related to the promotion of online education in the field of education. The central government will soon auction 5G spectrum. Reliance is already gearing up for 5G with the help of foreign investors to provide digital expansion services through the internet to remote areas of the country through their jio platform. It plans to expand across the country in the fields of education, medicine, agriculture and e-commerce with 5G technology through this jio platform. In addition to online education in the coming days through this jio platform, the possibility of transaction transactions related to retail and wholesale businesses cannot be ruled out. For this, Google has signed an agreement with social media Facebook and WhatsApp.

New National Education POLICY-2020

The existing NEP was framed in 1986 and revised in 1992. In present scenario radical changes are taking place in the new education system announced by the central government. The traditional education system will come to an end in the coming days. This is because the new education system will usher in a new era with the goal of designing our education system in line with international standards.

but also to build an information society as responsible citizens in the community.

In a sense, the corona epidemic has devastated more than 215 countries around the world - including the economy, education, trade and commerce. The education system, however, has shut down all educational institutions worldwide. It has to be said that it has paved the way for innovations in the education system worldwide. Teaching takes place in the online education system in the United States and European countries. There are also many barriers to online education in other countries. There is a situation where it is not possible to move forward due to unavailability of technology, lack of investment and shortage of technicians.

Foreign investors are coming forward to invest in Digital India in our country. At the call of Prime Minister Narendra Modi, Google CEO Sundar Pichai stepped forward to invest in the jio platform as part of Digital India. Among those who have come forward to invest in the jio platform are companies such as Black Chain, Vista, face book and General Atlantic. Through these investments, these foreign investments will be utilized to provide digital expansion services to remote areas of the country and to create infrastructure. This jio platform has the potential for major changes in the field of education in the coming days.

The nature of the medical field is changing with the addition of digital technology to the medical system. The reason is that the medical field has to rely on technology due to the shortage of doctors. Integrating technology in the medical field ensures accuracy in diagnostic treatment tests. Meeting the shortage of doctors. Not only this, with the advent of robotics, machine learning and Artificial Intelligence (AI) are widely used in the medical field these days in the detection of chronic diseases. Technology is being used to diagnose chronic diseases. The telemedicine approach became available. Adding technology to the medical system in America today eliminates the possibility of human error in terms of diagnostic treatment.

India's position is likely to change with this digital technology revolution. We are going to see India as a large technologically empowered country in the coming days due to foreign investment in this sector. Foreign investors are likely to come forward to invest more in Digital India in the coming days. The reason is that the government aims to make digital technology accessible to all. One reason is the reluctance of foreign investors to invest in China. That is not to say that the withdrawal of foreign investment from China by foreign investors due to the corona pandemic has become a negative factor. During this time, India is becoming a haven for foreign investor investments. In the name of Atma Nirbhar Bharat, India should promote small and medium scale industrial products

towards self-sufficiency in place of foreign imports. Foreign imports should be reduced. Make in India products should be promoted. Reforms need to be accelerated. New innovations should be encouraged. Only then does the soul make sense of Athma Nirbhara Bharat.

There can be no doubt that the new education policy of 2020 will be a bridge between skills development. According to the latest statistics of the 2011 census in our country as of 2016, the youth population under the age of 20 is 41 per cent. Therefore, the new education policy implemented from the year 2021 is a boon to the youth. I.e. skilled education is provided. There are opportunities to adapt education to adapt to changing technology and to meet industry needs. Students and faculty and professionals must constantly improve their skills in this education system from time to time. Information literate people need to have skills as well as acquire lifelong learning skills.

The full implementation of the new education system requires advanced technology as well as skilled human resources and investment, so government investment as well as private investment must be mobilized. The new education system should be well-owned between government and private institutions.

Barriers & opportunities

At the Reliance 43rd Annual General Body Virtual Conference, Covid-19 said the government should look for alternatives and find new employment opportunities to tackle the challenges posed by the Covid-19 pandemic. The expansion of digital services will lead to new employment opportunities. Expand business and commercial services nationwide. People's living standards will improve. Anyone in a remote village can get the services they want through remote access through the online education system. He has the opportunity to manage his favorite book, goods, entertainment, health services, online business, job, government and private services, self-employment from home. This does not mean that digital banking services can be operated from home. Major changes are taking place in the field of education with the help of virtual reality, augmented reality and sophisticated technology. Digital technology will bring about social change in all fields. If these digital services become available, it is expected to generate profits of Rs 15,000 crore in the next three years. That is why foreign investors are coming forward to invest in Digital India.

In a sense, the corona epidemic has devastated more than 215 countries around the world - including the economy, education, trade and commerce. The education system, however, has shut down all educational institutions worldwide. It has to be said that it has paved the way for innovations in the education system worldwide. Teaching takes place in the online education system in the United States and European countries. There are also many barriers to online education in other countries. There is a situation where it is not possible to move forward due to unavailability of technology, lack of investment and shortage of technicians.

Foreign investors are coming forward to invest in "Digital India" in our country. At the call of Prime Minister Narendra Modi, Google CEO Sundar Pichai stepped forward to invest in the jio platform as part of Digital India. Among those who have come forward to invest in the jio platform are companies such as Black Chain, Vista, face book and General Atlantic. Through these investments, these foreign investments will be utilized to provide digital expansion services to remote areas of the country and to create infrastructure. This jio platform has the potential for major changes in the field of education in the coming days.

Information is ruling the world today. Books, magazines, pamphlets, newspapers, journals, and encyclopedias are not enough to provide this information to everyone in the way they want it to. Today information is growing at an explosive level. Information literacy skills are required to get the right information from right source whether it is electronic source or traditional source. Magazines, journals and books is a costly affair as everyone wants to know about the research that is going on in the world regarding their subject. So DISCOVERY services, database services have become available that offer to integrate various resources such as primary, secondary and tertiary either in electronic or traditional formats related to the same subject available at single window. They have made it possible for the world to keep up with modern technology. Today with the advent of 5G the world of information is at our forefront. This is due to the fact that data speed increases, data storage increases, and download capacity increases in seconds. Internet of technology(IoT), Artificial

Intelligence(AI), machine learning, virtual reality, augmented reality, Big data, Big Analytics use digital technology to find solutions to various problems with the help of statistics in solving various problems facing the world. Digital technology services such as Machine learning, Big Data, Big Analytics is used to analyze Covid-19 data worldwide.

The Union Cabinet approved the new Education Policy 2020 on 29/07/2020. In the new education system, the human resources department will henceforth be called the education department. This new education system opened the door to many new changes. In a way, the initiative has wrapped up a series of changes in the education system.

Recommendations: 1. To develop basic, physical and human infrastructure to meet educational standards in line with international standards.

2. Modern technology should be given a big boost.
3. There should be an education approach from the elementary level to the research level.
4. Students should be given the opportunity to practice in the language of their choice. Different language translation pants should be developed accordingly.
6. Translators should translate research papers and books in different languages and make them available to those who want them, by setting up a translation mission.
7. Encourage students to develop skills from the school level onwards. Therefore, specialized skill development centers should be set up at the central, state and district levels.
8. There should be arrangements for sharing their resources between public and private education institutions.
9. Agreements should be made with national educational institutions and international educational institutions. Resources must be shared.
10. Cooperation with state educational institutions and national educational institutions should be enhanced

Conclusion:

Corona Variants such as Alpha to including omicron sub varients the online education system that has been destroying the traditional education sector worldwide for the past three years has benefited students, if not all, to a full extent it has to be said that the corona pandemic in the field of education has helped to explore new opportunities and counter the corona threat. So far the Corona variants such as AlphaDelta, Delta + , including Omicron sub varients are making the world sleepless for last three years. We must take the lead in taking advantage of new opportunities at a time like this. Now is the time to seize the opportunity. The emphasis should be on technology and research, inviting foreign and investor investment in education. Today the world has become a hamlet. Globalization and liberalization must meet international standards that further strengthen the education sector while inviting private and public investment in educational institutions. The current new education system - 2020 should contribute to the transformation of India's youth youth into a formidable force. Our educational institutions must be at the forefront of adopting new technologies that are available internationally. Ultimately the new education system needs to be adapted while continuing the traditional education system. The reason is that we are lagging behind if we do not receive the changes that are taking place in technology in the field of modern education. We need to change with our times. This new education system is likely to change drastically in the next ten years. The possibility of drastic changes in the teaching methods of educational institutions and students cannot be ruled out. Society must be prepared for that. Moreover, the coming period is a knowledge society. This knowledge community includes experts in various fields, students with information literacy skills and instructors, information professionals and lifelong learners.

REFERENCES

- [1] Eenadu News paper dated 16/7/2020
- [2] Sakshi News Paper dated 16/7/2020
- [3] Reliance virtual annual body meeting 15/7/2020 down load from <https://indianexpress.com/article/technology>
- [4] 4 Reliance virtual annual body meeting 15/7/2020 down load from <https://economictimes.indiatimes.com/tech/internet/reliance>

- [5]. [5.https://epaper.andhrajyothy.com/](https://epaper.andhrajyothy.com/) dated 16/7/2020 down load from <https://epaper.andhrajyothy.com/c/53490367>
- [6]. 6. Cabinet decisions/ Times of India/29/07/2020/ New National Education Policy-2020/
- [7]. 7.<https://pib.gov.in/PressReleseDetail.aspx?PRID=1642049>/dated
- [8]. <https://timesofindia.indiatimes.com/home/education/news/nep2020-bridging-the-skill-gap-and-empowering-our-youth-for-a-promising-future/articleshowprint/88478602.cms>
- [9]. <https://www.youtube.com/watch?v=5zZGN8VDsEQ&t=186s> accessed on 20/03/2022
- [10]. https://www.ugc.ac.in/pdfnews/5294663_Salient-Featuresofnep-Eng-merged.pdf accessed on 20/03/2022
- [11]. Yojana Magazine , February ,2022
- [12]. National education policy, 2020