

Challenges in India's Education System: An In-Depth Analysis

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Abstract: The education system in India places excessive emphasis on exams rather than on genuine learning. This leads to the question: why can we easily recall movie plots but struggle with academic content? The Indian education system requires significant reform. It should prioritize learning over testing. Students ought to have the freedom to select subjects that align with their interests. Instead of relying solely on extensive textbooks and lectures, students should engage in group discussions and share their perspectives on various subjects. They should be encouraged to conduct independent research using library resources and the Internet, and then present their findings to the class. This approach fosters good reading habits, builds self-confidence, and encourages openness to feedback. Additionally, it enhances critical reading and analytical abilities. Practical application of knowledge will aid retention. Field trips to museums, laboratories, planetariums, excavation sites, and botanical gardens should be organized, allowing students to learn through interaction with knowledgeable professionals in diverse fields. This hands-on experience will also enhance their communication skills. The focus of this article is on the fundamental education system in our country.

Keywords: Indian Education System, Practical Application, Knowledge, Communication Skills.

Introduction In ancient India, the Gurukula system of education allowed anyone eager to learn to approach a teacher's home and request instruction. If the guru accepted the individual as a student, the student would live with the guru and assist with household tasks. This arrangement fostered a strong bond between teacher and student while also imparting knowledge about managing a home. The guru provided education in various subjects, including Sanskrit, sacred texts, mathematics, and metaphysics. Students could stay for as long as they desired or until the guru felt they had imparted all necessary knowledge. Education was closely connected to nature and real-life experiences, rather than being solely focused on rote memorization. The introduction of the modern school system in India, along with the English language, was primarily initiated by Lord Thomas Babington Macaulay in the 1830s. The curriculum emphasized "modern" subjects like science and mathematics, while philosophy and metaphysics were deemed unnecessary. Education became restricted to classroom

settings, severing the link with nature and diminishing the close relationship between teachers and students. The Uttar Pradesh Board of High School and Intermediate Education was the first educational board established in India in 1921, covering regions such as Rajputana, Central India, and Gwalior. In 1929, the Board of High School and Intermediate Education, Rajputana, was formed. Subsequently, other states set up their own boards. However, in 1952, the board's constitution was revised, leading to its renaming as the Central Board of Secondary Education (CBSE). This board oversaw schools in Delhi and several other areas, determining aspects such as curriculum, textbooks, and examination processes for affiliated schools. Today, thousands of schools across India and in various countries, from Afghanistan to Zimbabwe, are affiliated with the CBSE.

Pre-Primary Education The pre-primary stage serves as the foundation for a child's knowledge, skills, and behavior. Upon completing pre-primary education, children transition to primary education; however, pre-primary education in India is not considered a fundamental right. In rural areas, pre-primary schools are often scarce in small villages, whereas urban areas have more options. In cities and large towns, there are numerous established institutions in the pre-primary education sector. The demand for preschools is significantly increasing in smaller towns and cities, yet only about 1% of the population under the age of 6 is enrolled in preschool education. Playgroups (pre-nursery) introduce children to various basic learning activities that promote independence and self-help skills, such as feeding themselves, dressing, and maintaining hygiene. The admission age for nursery is typically between 2 and 3 years. At the nursery level, activities are designed to help children discover their talents and enhance their mental and physical abilities, with the admission age ranging from 3 to 4 years. Lower Kindergarten (LKG), also known as Junior Kindergarten, has an admission age of 4 to 5 years. Upper Kindergarten (UKG), or Senior Kindergarten, accepts children aged 5 to 6 years. Both LKG and UKG stages prepare children emotionally, mentally, socially, and physically, making it easier for them to acquire knowledge in later stages of school and college. In India, a structured approach to preschool education is implemented to provide the best possible learning experience for young children. By following an engaging and accessible curriculum, teachers work diligently to make the learning process enjoyable for their students.

Primary Education: In India, primary and middle education, which includes lower primary (Standards I to V) and upper primary (Standards VI to VIII), is mandatory and provided at no cost. Children typically start primary education at age 6, with middle or upper primary schooling concluding at age 14. Education is available in both state-run and private institutions; however, private schools frequently exhibit inferior facilities and infrastructure compared to government schools. Most primary schools use the regional language as the primary medium of instruction, while English is usually introduced as a second language around grade 3. A major shift

in the education system can be observed from the pre and post-British rule till today in India. Initially, children were educated in Gurukuls which was later modified and the modern education system was introduced. After India became independent, the constitution committed six fundamental rights, of which one was the Right to Education. It allowed free education for every child up between the ages of 6 and 14 years. The education system is mainly divided into pre-primary, primary, elementary and secondary education, which is followed by higher studies.

Secondary Education: Secondary education starts in grade 9 and continues until grade 12. This phase is divided into two two-year segments, known as General/Lower Secondary School, or 'Standard X', and Upper/Senior Secondary School, or 'Standard XII'. Education remains free in government schools, but private schooling is more prevalent at this level. Public exams take place at the conclusion of both segments, determining eligibility for grade 11 and university studies, respectively. The general curriculum for lower secondary education in India includes three languages (which consist of a regional language, an elective language, and English), Mathematics, Science and Technology, Social Sciences, Work/Pre-Vocational Education, Arts, and Physical Education. Secondary schools operate under Central or State boards that conduct the Secondary School Certificate examination at the end of grade 10. Based on their performance during the first two years of secondary school and their SSC results, students may advance to Senior/Upper Secondary School. This level allows students to choose a 'stream' or area of focus, such as science, commerce, or arts/humanities. Education is provided in schools or two-year junior colleges, which are often linked to universities or degree-granting colleges. The curriculum for the Higher Secondary Certificate Examination is set by the 31 boards of secondary education. While the HSCE is the most widely recognized Standard XII exam, alternatives such as the All-India Senior School Certificate (CBSE), Indian School Certificate, Certificate of Vocational Education (CISCE), Senior Secondary Certification (NIOS), Intermediate Certificate, and Pre-University Certificate are also available.

Vocational Education: Young individuals who choose not to pursue higher education or who do not finish secondary school often register at private vocational schools that focus on one or a few specific courses. In contrast to the United States, vocational and technical education is more generalized and provides a wide-ranging understanding of skills relevant to the workforce. The curriculum includes a language course, foundational subjects, and electives, with about half of the electives being hands-on. Assessments at the conclusion of vocational education are administered by the All India and State Boards of Vocational Education.

Tertiary Education: India's higher education framework is highly centralized and has seen significant transformations since its establishment in 1947. It is primarily modeled after the British education system, and educational policy continues to evolve. The University Grants Commission (UGC) supervises university education, focusing on the advancement of higher education, funding distribution, and the recognition of institutions across India. The National Accreditation and Assessment Council (NAAC), created by the UGC, evaluates universities and colleges using a ranking system from A++ to C. This assessment and accreditation process is widely utilized to gauge the quality status of institutions, indicating whether they meet NAAC's quality standards. Participation in the NAAC accreditation process is voluntary. The All-India Council of Technical Education (AICTE) was established to ensure quality control in technical education and to regulate the creation of new private professional colleges. All recognized universities belong to the Association of Indian Universities (AIU), which plays a crucial role in information dissemination and advises the government, UGC, and institutions. India has various types of tertiary institutions, including Central, State, Open Universities, Universities of National Importance, and Deemed universities. Approximately 80% of students receive instruction at affiliated colleges, where the curriculum, examinations, and final degrees are determined by the university. While less common, Constituent and Autonomous colleges exist and have more freedom in curriculum development and assessment. To gain admission to undergraduate programs, students typically need to complete Standard XII and their eligibility largely hinges on their examination performance. Bachelor's degrees in arts, science, social studies, and commerce are usually three-year programs. Diploma programs, which last between 2 to 3 years, are offered at polytechnics and focus on specific engineering or technological fields, culminating in an Advanced or Post Diploma. Professional Bachelor's degrees in areas like Medicine, Architecture, and Law vary in duration from 4 to 5.5 years, depending on the discipline. Admission to graduate programs (Master's, Post Graduate Diplomas, MBA, etc.) requires a completed bachelor's degree (3 or 4 years, based on the subject) with at least a Second-Class pass. Management education outside universities is popular, with many institutions providing 2-year Post Graduate Diplomas in Management that are generally equivalent to an MBA. Doctoral degrees require a minimum of two to three years, focusing on research and a thesis or dissertation. In 2015, the UGC introduced the Choice Based Credit System (CBCS) to promote interdisciplinary education and provide students with more flexibility and options. This reform also established a standardized assessment and grading system based on a 10-point scale. However, since its introduction, the system has faced criticism from students and administrators, who argue that while it aims to enhance choice and flexibility, the current educational infrastructure may not be sufficiently robust to support such an overhaul.

Open and distance learning: The National Institute of Open Schooling (NIOS) offers educational opportunities at the school level for individuals who did not complete their formal education. Currently, 1.4 million students are enrolled in secondary and higher secondary programs through open and distance learning. In 2012, several state governments launched "STATE OPEN SCHOOL" initiatives to facilitate distance education. At the higher education level, the Indira Gandhi National Open University (IGNOU) oversees distance learning programs. It has an overall enrollment of approximately 1.5 million students, supported by 53 regional centers and 1,400 study centers, with the assistance of 25,000 counselors. The Distance Education Council (DEC), an affiliate of IGNOU, coordinates efforts with 13 State Open Universities and 119 institutions that offer correspondence courses within traditional universities. Although distance education institutions have grown rapidly, many require significant upgrades in quality and effectiveness. Numerous courses are available through distance learning, yet they often lack sufficient infrastructure, both human and physical. Addressing these disparities is essential.

Current Issues in Education in India:

- **Expenditure on education** – More funds should be allotted for the development of the education system in India. In the past few years, many beneficial steps have been taken in this direction and if the same is continued India may soon overcome the current challenges.
- **Gross enrolment pattern** – As followed by the UN must also be adopted by India.
- **Capacity utilization** – The world now needs creative minds and the Government must encourage schools to boost the students and utilize their capacities to the max and not let their ideas go unheard.
- **Infrastructure facilities** – Better infrastructure must be provided especially in Government schools. Since the Government is now focusing on digital education, they must undertake steps to provide all necessary facilities in the Government schools and rural areas as well.
- **PPP model** – Well-designed PPPs can create models of innovation for the school system in India. Thus the Public-Private Partnership (PPP) model must be taken into consideration.
- **Student-teacher ratio** – The number of students in search of proper education is way more in comparison to the teachers and faculty available. Thus, qualified teachers must be appointed to impart knowledge to the future of the country.
- **Accreditation and branding** – quality standards.

- **Students studying abroad** – Many students choose to study abroad because of these issues in the Indian education system. The concerned authorities must work on them and students must also choose to stay, learn in India and empower the country through their knowledge.

Indian Education System Problems and Solutions:

There are a few simple solutions which can help in overcoming the problems with the India Education System:

- **Innovations required** – India is moving towards digital education. This will help in budding the innovative minds of students and the youth of the country. This will bring 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.
- **Quality of education** – There is a major difference in the quality of education being provided in the rural and urban areas of the country. Steps must be taken to standardize the quality of education across India so that everyone can get equal and unbiased knowledge and opportunities to grow.
- **Making education affordable** – There are Government schools and educational Institutions which are affordable but lack in terms of infrastructure and quality. On the other hand, there are various private education institutions which demand high fees and have better infrastructure and equipment to study. This disparity must be worked upon and the Government must make education affordable and accessible for all.

Schemes & Campaigns to Boost Education System in India:

- **Sarva Shiksha Abhiyan** – Launched in 2001 to promote ‘Education for All’, strengthening the existing infrastructure of schools and construction of new schools. To know in details about the Sarva Shiksha Abhiyan (SSA), visit the linked article.
- **National Programme for Education of Girls at Elementary Level** – It is a focused intervention of the Government of India, to reach the “Hardest to Reach” girls, especially those not in school. Read more at Elementary Education: Moving towards RTE and Quality Improvement.
- **Mid-Day Meal Scheme** – It is one meal that is provided to all children enrolled in government schools, government-aided schools, local body schools, special training centres (STC), madrasas and maktabas supported under Sarva Shiksha Abhiyan (SSA). Visit the Mid Day Meal Scheme page to learn more.

- **Rashtriya Madhyamik Shiksha Abhiyan** – It is a flagship scheme aiming at enhancing secondary education and increasing the enrolment rate by providing a secondary school within a reasonable distance of every home.
- **Scheme for Infrastructure Development in Minority Institutes** – The scheme would facilitate the education of minorities by augmenting and strengthening school infrastructure in Minority Institutions to expand facilities for formal education to children of minority communities.
- **Beti Bachao Beti Padhao** – The scheme to promote girl child education in India. Visit the Sukanya Samridhi Yojana page to learn more about the BBBP campaign.

Conclusion: Enhancing the Indian education system is a monumental challenge and has become crucial. The current curriculum largely consists of outdated knowledge. The syllabus should prioritize skill development instead of rote memorization of extensive theoretical content. Emphasizing experiential learning should be our main goal, ensuring students acquire relevant knowledge. Inaccurate information in textbooks consumes valuable learning time. Additionally, traditional schools lack mechanisms to identify and nurture students' talents beyond academic performance, as there is an excessive focus on marks and grades. Reforming the Indian schooling system is a monumental undertaking and has become exceedingly significant. The majority of what our students are currently learning is obsolete. The syllabus should prioritize practical skills over memorizing large amounts of theory. Focusing on experiential learning should be our primary goal, and students need to be taught what is relevant to their lives. Inaccurate information in textbooks detracts from productive learning time. Furthermore, traditional schools lack a system to identify students' talents beyond academic achievement, as we place excessive importance on marks and grades.

References:

- Boyce, E. Mary, "Organizational Learning is Essential to Achieving and Sustaining Change in Higher Education", *Innovative Higher Education*, Vol. 28, No. 2, 2003, 119-136.
- Ray Land, Agency, context and change in academic development, *International Journal for Academic Development*, 6:1, 2001. 4-20.
- B. Robert Barr & John Tagg, *From Teaching to Learning — A New Paradigm For Undergraduate Education*, Change: The Magazine of Higher Learning, Volume 27, Issue 6, 1995, 12-26.
- Barnett (1992). *Improving Higher Education: Total Quality Core*, Buckingham: SRHE&OU.
- The major problems and remedies on primary education system in India by V S. Athwart April To June 2015 Online : ISSN-2394-7632, SCHOLARS IMPACT Print : ISSN-2394-7640 , Vol-I, Issue-3