

**Investment in Quality Education: A Necessary Condition  
For Inclusive Development**

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Abstract

*During the later half of the 20th century, education came to be recognised as an important factor for economic development around the world. The notion of 'Investment in man' stirred a plethora of research highlighting the fact that expenditure in education and health is very important for ensuring economic and social well being of the people as well as the society. Evidence show that education not only increase the productivity but also broadens choices before the individuals. Though, many countries recognised this role of education in ensuring higher economic returns for individuals as well as nations yet education is still inadequately funded in many developing countries like India. Despite lot of pressure from within the country and several international commitments, India remained elusive for more than six decades to fulfil one of the most basic constitutional obligation of making elementary education a fundamental right. Further, situation at the secondary and higher education levels is also not encouraging.*

*As a result, there exists two kinds of education systems in the country – one, which caters to the needs of the few who can bear the cost of education from their private purse, and the other, relatively cheap, which is substantially funded by the state wherein majority of people graduates without acquiring minimum levels of knowledge and skills. The paper argues that in the present age of competition and excellence mere access to education is not enough. Further, the paper postulates that investment in quality education for all would raise the average productivity, improve consumption patterns, and increase further investment in education. Besides focussing on the enrollment, education policy should also focus on improvement in the quality of educational outcomes.*

**Key words:** *Investment, quality, education, productivity, human development.*

## INTRODUCTION

During the later half of the 20<sup>th</sup> century, education came to be recognised as one of the most crucial ingredient for enhancing the productive capacity of individuals, accelerating capital formation and ensuring rapid and sustainable economic growth (Schultz, 1961; Becker, 1964; Blaug et al., 1969; Psacharopolous, 1984). It is widely considered as an important instrument of social-economic transformation, promoting equity, individual mobility and national integration (Chanana, 1993).

‘Investment in man’ (Schultz, 1962) brought forth the conceptualization that expenditure in education (and health) is very important for ensuring economic and social well being of the people as well as the society. Research produced in the later decades shows that education not only increases the productivity of human beings but also entitles them to compete and occupy plethora of opportunities in the society.

Education, especially higher education plays an increasingly critical role in the economic competitiveness of local, state, and national economies. Increasing number of countries around the world, irrespective of their development level, recognised this role of education in the expansion of opportunities and ensuring higher economic growth. Countries, especially those in the developed global north, that made required and timely investment in the education of their children are at the forefronts of development today.

However, to the utter dismay of humanity, in many countries, particularly in the developing global south, education is still not accessible to a majority of people due to inadequate investment in institutional infrastructure. India, the second most crowded country in the world, is home to the largest number of illiterate people simply because it did not make adequate investment in education even after getting independence.

Since the last decades or so, India is invariably cited for being one of the youngest nations in the world, though it does not seem to be fully equipped to reap the benefits of this much talked about demographic dividend. Present paper intends to make a humble attempt to dwell upon this state of affairs in education from the perspectives of investment and human development.

## II. Growth of Education in India: A Brief Overview

India inherited a small system of education from the British rule. There were only about (2,09,700) primary schools, -(13,600) upper primary schools, (7,400) secondary/senior secondary levels schools, (578) colleges and (27) universities in the country in 1950-51 (MHRD, 2013). Having realized the paramount importance of education for bringing socio-cultural change and development of

human resource, education was accorded the priority status. Today, India can boast of having one of the largest systems of education in the world. Table 1 provides a glimpse of the institutional set up of education in the country.

A large number of these educational institutions were established by the government both central and state. Besides, the government has also extended recognition to the private initiatives and promoted them to work in tandem with the state. Consequent to this policy of ‘mixed mode’ of economy’s restructuring, education sector witnessed the simultaneous existence of both the public and the private ownership, and an extensive network of schools, colleges and universities.

Regarding the performance of education sector in the country, there has been a mixed response from different quarters. It is true that in the last sixty years India has been able to build up a massive network of educational institutions. Data given in table 1 about the quantitative expansion of higher education is undoubtedly an authentication of the colossal progress made in the field of education during the independence period.

Institutional infrastructure has increased manifold at all levels and several kinds of institutions have come up in almost all the fields of higher and professional education offering instruction in a wide range of disciplines ranging from the basic and social sciences to the most modern areas of multidisciplinary nature. Besides catering to the needs of the domestic labour markets, India has been able to fill a substantial portion of labour shortages in the developed countries in Europe, North America and the Asia-Pacific.

**Table 1: Number of Educational Institutions in India by Level and Type, 2010-11**

	<b>Type</b>		<b>Number</b>
School Education	Primary		7,48,547
	Upper Primary		4,47,600
	Secondary		1,28,370
	Senior Secondary		71,814
	<b>Total</b>		<b>13,96,331</b>
	Higher	Universities	Central Universities
State Public Universities			281
Deemed Universities			131
State Private Universities			87
Central Open Universities			1
State Open Universities			13
Institutions of National Importance			59

Education		Institutions under State Legislature Act	5	
		Others	3	
		<b>Total</b>	<b>621</b>	
	<b>Colleges</b>		<b>32,974</b>	
	Stand Alone Institutions	Diploma Level Technical		3,586
		PGDM		496
		Diploma Level Nursing		2,133
		Diploma Level Teacher Training		4,929
		<b>Total</b>		<b>11,144</b>

Source: MHRD (2013), Educational Statistics at a Glance.

Nevertheless, education has come under severe criticism in the last few years or so. Whereas it is widely acknowledged that, despite such a huge expansion, access to education is still denied to the large number of people, the quality of education has become a matter of usual public discourses not to speak of those being associated with the assessment of the academia. Except a small minority of schools, colleges and universities, majority institutions are providing sub-standard education.

It is quite often alleged that education has failed in meeting the requirements of techno-managerial models of national development and finding it difficult to respond to the challenges arising out of the increasing interventions of global players.

The next section examines some of the oft-cited criticisms of education system in India which have been denting its image and briefly reflects upon the measures that could help in ameliorating the ills of the present system and enhance its potential with reference to the challenges and expectations of the global competition.

### **III. Education in India: A Note on the Quality**

Despite lot of pressure from within the country and several commitments made before the world community, India pursued an elusive approach for long to fulfil one of the most basic constitutional obligation of making elementary education a fundamental right. India took more than six decades in bringing out the Right to Education (RTE) act.

The governments and political parties are projecting the RTE as a landmark legislation of their regime. However, the fact of the matter is that it is a delayed and paralysed legislation.

In the twenty first century where competition has been gaining grounds in each and every walk of life provisions of the RTE are inefficient to ensure quality

education for all the children. Though, RTE stipulates to ensure inclusive education by enrolling all the children from six to fourteen years of age, the assurance of quality still remains at the backfoot.

In order to find the reports of the quality of infrastructure and the output of our school education one does not need to go any assessment agency; rather, an individual just needs to give a few moments to scan the newspapers accessible in the far-flung localities.

**Table 2: Public Expenditure on Education in select Countries and their HDI Rank**

S.N.	Country	Expenditure on Education		HDI Rank (2012)
		As % of GDP	Reference Year	
1	Australia	5.6	2010	2
2	<b>Bangladesh</b>	<b>2.2</b>	<b>2009</b>	<b>146</b>
3	Belgium	6.6	2010	17
4	Brazil	5.8	2010	85
5	Canada	5.5	2010	11
6	Denmark	8.7	2009	15
7	Ecuador	4.5	2010	89
8	France	5.9	2010	20
9	Germany	5.1	2010	5
10	<b>India</b>	<b>3.3</b>	<b>2010</b>	<b>136</b>
11	Ireland	6.5	2010	7
12	Malyasia	5.1	2010	64
13	Netherlands	6.0	2010	4
14	New Zealand	7.3	2011	6
15	Norway	6.9	2010	1
16	<b>Pakistan</b>	<b>2.4</b>	<b>2010</b>	<b>146</b>
17	Sweden	7.0	2010	7
18	Switzerland	5.2	2010	9
19	United Kingdom	6.3	2010	26
20	United States	5.6	2010	3

Source: The World Bank (2014); UNDP (2013)

The situation at further levels of education is also not encouraging. A survey by National Assessment & Accreditation Council (NAAC) found that about ninety percent of colleges and sixty eight percent of universities in the country were of medium to poor quality (The Indian Express, June 16, 2007).

Majority of colleges and universities in the country have become the bureaus of distributing certificates to the students who simply pass the term-end examinations by academic bulimia or even sometimes by unfair means, without having acquired the necessary competencies and inculcation of essential professional attributes.

The degradation in the quality of higher education has made the employing authorities so skeptic that increasing number of industrial and service sector organisations have started making recruitments on the basis of their own competitive examinations and a university degree is being treated as a screening device only.

Identifying the reasons for this state of affairs in education is not too difficult either. As shown in Table 2, one can easily found a coorelation between the public expenditure, compared in terms of percentage of the Gross Domestic Product, on education and country's HDI rank. By and large, countries having very high HDI rank spend more than five (about seven or more in case of some countries like Denmark, Sweden and New Zealand) percent of their GDP on education.

On the contrary, many countries including the three South Asian countries, viz., India, Pak and Bangladesh, spend lesser proportion of GDP on education and therefore ranked low on HDI. The uneven distribution of these resources further vitiates the situation. For example, a large proportion of India's higher education budget is earmarked for central universities and instituions of national importance leaving a meagre proportion to the large segments of state universities and colleges which caters to the educational needs of the masses.

Besides, the rising of the middle class in the country in recent decades have created a growing demand for private investment in education. two kinds of education systems are running side by side in the country. one, which caters to the needs of the 'meritorious' few some of those can even bear the cost of education from their private purse, and the other, relatively cheap, which is substantially funded by the state wherein majority of people graduates without acquiring minimum levels of knowledge and skills and render in the society either jobless or absorbed in abysmally low paid vocations.

#### **IV. Conclusion**

Though addressing the issue of quality is not as easy as one finds in the usual discourses, it would certainly assume greater prominence in the times to come because of two important reasons – first increasing demand for technically and professionally equipped manpower in the world of work; and second, groing conciousness, may be a little lately, among the stakeholders themselves

regarding what they receive in lieu of their investment - both financial resources and opportunity cost.

In order to improve its HDI rank, raising the per capita productivity, and reap the benefits of the perceived demographic dividend, inclusive quality education for the masses is essential for “sustainable development starts and ends with safe, healthy and well-educated children.

Investment in quality education for all might raise the average productivity, improve consumption patterns, and enhance further investment in education. It needs to be remembered at the same time that it is a necessary condition for inclusive development and not a sufficient one. Besides focussing on the enrollment, education policy should also focus on improvement in the quality of educational outcomes undermining the dichotomies between various levels and types of education.

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