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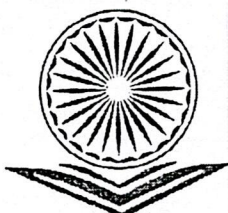
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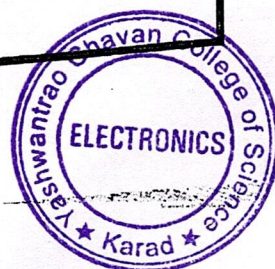
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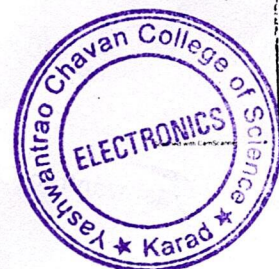


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21. Study on Challenges and Opportunities: Higher Education in India

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of Science, Karad, MH.

Abstract

The world has realized that the economic success of the states is directly determined by their education systems. Education is a Nation's Strength. A developed nation is inevitably an educated nation. Indian higher education system is the third largest in the world, next to the United States and China. Since independence, India as a developing nation is contentiously progressing in the education field. Although there have been lot of challenges to higher education system of India but equally have lot of opportunities to overcome these challenges and to make higher education system much better. It needs greater transparency and accountability, the role of colleges and universities in the new millennium, and emerging scientific research on how people learn is of utmost important. India need well skilled and highly educated people who can drive our economy forward. India provides highly skilled people to other countries therefore; it is very easy for India to transfer our country from a developing nation to a developed nation. The current study aims to highlight the challenges and to point out the opportunities in higher education system in India.

Keywords—(Education, Opportunities, Challenges, Colleges, Universities)

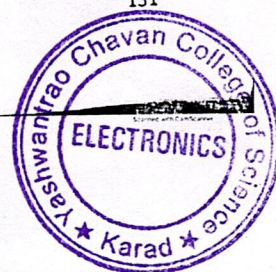
Introduction

India's higher education system is the world's third largest in terms of students, next to China and the United States. In future, India will be one of the largest education hubs. India's Higher Education sector has witnessed a tremendous increase in the number of Universities/University level Institutions & Colleges since independence. The 'Right to Education Act' which stipulates compulsory and free education to all children within the age groups of 6-14 years, has brought about a revolution in the education system of the country with statistics revealing a staggering enrolment in Educational institutions over the last four years. The involvement of private sector in higher education has seen drastic changes in the field. Today over 60% of higher education

institutions in India are promoted by the private sector. This has accelerated establishment of institutes which have originated over the last decade making India home to the largest number of Higher Education institutions in the world, with student enrolments at the second highest (Shaguri, 2013). The number of Universities has increased 34 times from 20 in 1950 to 677 in 2014. Despite these numbers, international education rating agencies have not placed many of these institutions within the best of the world ranking. Also, India has failed to produce world class universities. Today, Knowledge is power. The more knowledge one has, the more empowered one is. However, India continues to face stern challenges. Despite growing investment in education, 25 per cent of its population is still illiterate; only 15 per cent of Indian students reach high Educational institutions, and just 7 per cent graduate (Masani, 2008). The quality of education in India whether at primary or higher education is significantly poor as compared to major developing nations of the world. As of 2008, India's post-secondary institutions offer only enough seats for 7 per cent of India's college-age population, 25 per cent of teaching positions nationwide are vacant, and 57 per cent of college professors lack either a master's or PhD degree (Newsweek, 2011). As of 2011, there are 1522 degree-granting engineering colleges in India with an annual student intake of 582,000 (Science and Technology Education, 2009) plus 1,244 polytechnics with an annual intake of 265,000. However, these institutions face shortage of faculty and concerns have been raised over the quality of education (Mitra, 2008). Despite these challenges higher education system of India equally have lot of opportunities to overcome these challenges and have the capability to make its identity at international level? However, it needs greater transparency and accountability, the role of universities and colleges in the new millennium, and emerging scientific research on how people learn is of utmost important. India provides highly skilled people to other countries therefore; it is very easy for India to transfer our country from a developing nation to a developed nation.

Growth of Higher Education Sector in India

As higher education systems grow and diversify, society is increasingly concerned about the quality of programs, public assessments and international rankings of higher education institutions. However these comparisons tend to over emphasize research, using research performance as a yardstick of institutional value. If these processes fail to address the quality of teaching, it is in part because measuring teaching quality is challenging (Hernard, 2008) India



has been always been a land of scholars and learners. In ancient times also, India was regarded all over the world for its universities like Taxila, Nalanda, Vikramshila and its scholars. By independence India had 20 universities, 500 colleges enrolling about 2, 30,000 students. Since independence India has progressed significantly in terms of higher education statistics. This number has increased to 659 Universities and 33023 colleges up to December 2011-12. Central Government and state Governments are trying to nurture talent through focusing on the number of Universities and Colleges for expansion of higher educations. There is no doubt to the fact that much of the progress achieved by India in education has come from private sector. In fact the public sector and private sector is not in opposition to each other but they are working simultaneously in Indian education sphere. UGC is the main governing body that enforces the standards, advises the government and helps coordinate between center and states. The Fig 1 & 2 shown below depicts the growth of universities and colleges in India from 1970 to 2012 respectively. The number of universities has grown more than six times in last four decades and the number of colleges has been increased from 3603 in 1970-71 to 33000 colleges in 2011-12.

The growth of universities and Colleges in India from 1970 to 2012'

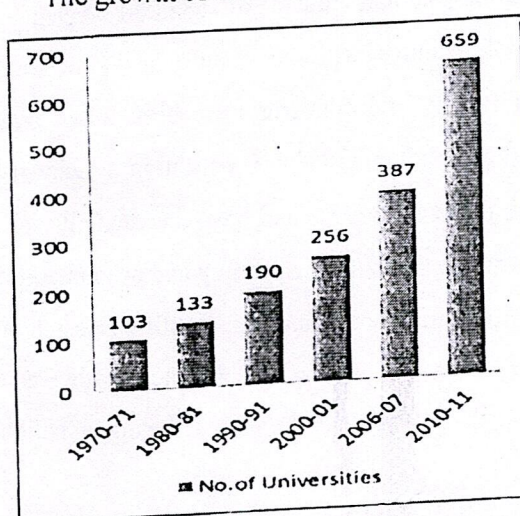


Fig: 1 Growth on Number of University Per Year

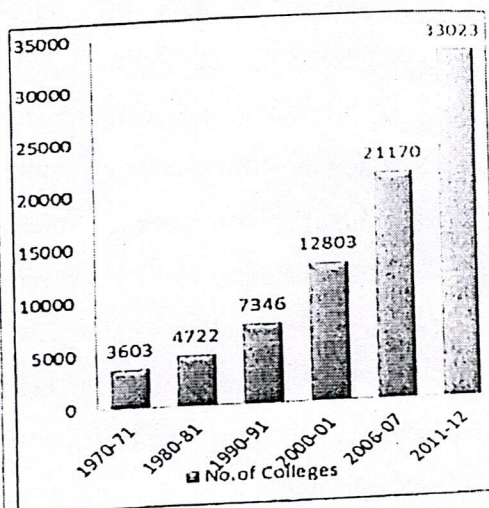


Fig: 2 Growth on Number of Colleges Per Year

Challenges in Higher Education in India

It is our 74th year of independence still our education system has not been developed fully. We are not able to list a single university in top 100 universities of the world. Various governments changed during these six decades. They tried to boost the education system and implemented

various education policies but they were not sufficient to put an example for the universe. UGC is continuously working and focusing on quality education in higher education sector. Still we are facing lot of problems and challenges in our education system. Some of the basic challenges in higher education system in India are discussed below:

Enrolment: The Gross Enrolment Ratio (GER) of India in higher education is only 15% which is quite low as compared to the developed as well as, other developing countries. With the increase of enrolments at Education level, the supply of higher education institutes is insufficient to meet the growing demand in the country.

Equity: There is no equity in GER among different sects of the society. According to previous studies the GER in higher education in India among male and female varies to a greater extent. There are regional variations too some states have high GER while as some is quite behind the national GER which reflect a significant imbalances within the higher education system.

Quality: Quality in higher education is a multi-dimensional, multilevel, and a dynamic concept. Ensuring quality in higher education is amongst the foremost challenges being faced in India today. However, Government is continuously focusing on the quality education. Still Large number of colleges and universities in India are unable to meet the minimum requirements laid down by the UGC and our universities are not in a position to mark its place among the top universities of the world.

Infrastructure: Poor infrastructure is another challenge to the higher education system of India particularly the institutes run by the public sector suffer from poor physical facilities and infrastructure.

There are large number of colleges which are functioning on second or third floor of the building on ground or first floor there exists readymade hosieries or photocopy shops.

Political interference: Most of the educational Institutions are owned by the political leaders, who are playing key role in governing bodies of the Universities. They are using the innocent students for theirselfish means. Students organize campaigns, forget their own objectives and begin to develop theircareers in politics.

Faculty: Faculty shortages and the inability of the state educational system to attract and retain well qualified teachers have been posing challenges to quality education for many years. Large numbers of

NET / PhD candidates are unemployed even there are lot of vacancies in higher education, these deserving candidates are then applying in other departments which is a biggest blow to the higher education system.

Accreditation: As per the data provided by the NAAC, as of June 2010, "not even 25% of the total higher education institutions in the country were accredited. And among those accredited, only 30% of the universities and 45% of the colleges were found to be of quality to be ranked at 'A' level".

Research and Innovation: there are very nominal scholars in our country whose writing is cited by famous western authors. There is inadequate focus on research in higher education institutes. There are insufficient resources and facilities, as well as, limited numbers of quality faculty to advice students.

Most of the research scholars are without fellowships or not getting their fellowships on time which directly or indirectly affects their research. Moreover, Indian Higher education institutions are poorly connected to research centers. So, this is another area of challenge to the higher education in India.

Structure of higher education: Management of the Indian education faces challenges of over centralization, bureaucratic structures and lack of accountability, transparency, and professionalism. As a result of increase in number of affiliated colleges and students, the burden of administrative functions of universities has significantly increased and the core focus on academics and research is diluted (Kumar,2015).

Opportunities in Higher Education

India is a large country, with an estimated population of young people aged between 18 to 23 years to be around 150 millions. The sheer size of the market offers huge opportunities for development of the higher education sector in India. India now boasts of having more than 33,000 colleges and 659 universities, which has been quite a remarkable growth during the last six decades. The year 2012 witnessed 21.4 million enrollments, which makes India the 3rd largest educational system in the world. Unfortunately, the educational infrastructure of India is inadequate to handle such huge volumes. In spite all the government spending in the educational sector, it is just too insufficient to meet the growing requirements. Therefore, higher Education sector has now been identified as one of the promising areas for private and foreign investments.

...immense investment opportunities in both non-regulated and regulated segments (Nexus
20 July, 2013).

Indian higher education system is growing very fast irrespective of various challenges but
there is no reason that these Challenges cannot be overcome. With the help of new-age learning
technology it is easy for country like India to overcome these problems and bring a paradigm shift in
country's higher education sector. With such a vibrant country with huge population properly
addressed the possibilities are endless. If knowledge is imparted using advanced digital teaching
and learning tools, and society is made aware of where we are currently lagging behind, our
country can easily emerge as one of the most developed nations in the world.

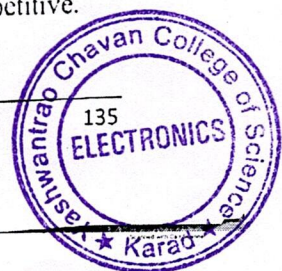
There are opportunities for strategic engagement and capacity building in higher
education leadership and management at the state level. There are opportunities for India to
collaboration at national and international level on areas of systemic reform, including quality
assurance, international credit recognition, and unified national qualifications framework.
Equality of educational opportunity in higher education is considered essential because higher
education is a powerful tool for reducing or eliminating income and wealth disparities.

The idea of equalizing educational opportunities also lies in the fact that "the ability to
profit by higher education is spread among all classes of people. There are great reserves of
untapped ability in the society; if offered the chance they can rise to the top. A great deal of
talent of the highest level is, in fact, lost by an in egalitarian system of education" (Balachander,
1986).

The need to enhance the employability of graduates is presenting entry points for
collaboration in enterprise education and entrepreneurship, links with industry, research skills
and the wide range of transferable skills, including English. The emerging interest in Indian
higher education institutions in the vocational skills market provides areas for potential
engagement with international partners. There is a need to build stronger relationships and
increase mutual understanding in higher education by increasing support and participation in
platforms (conferences, workshops, seminars) which enable debate and dialogue with other
countries of the world. (British Council, 2014).

Some Suggestions Improving the System of Higher Education

There is a need to implement innovative and transformational approach from primary to
higher education level to make Indian educational system globally more relevant and competitive.



It offers immense investment opportunities in both non-regulated and regulated segments (Nexus Novus, 26 July, 2013).

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Some Suggestions Improving the System of Higher Education

There is a need to implement innovative and transformational approach from primary to higher education level to make Indian educational system globally more relevant and competitive.

Higher educational institutes need to improve quality and reputation.

There should be a good infrastructure of colleges and universities which may attract the students.

Government must promote collaboration between Indian higher education institutes and top International institutes and also generates linkage between national research laboratories and research centers of top institutions for better quality and collaborative research.

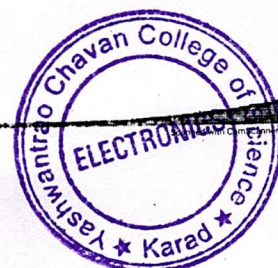
There is a need to focus on the graduate students by providing them such courses in which they can achieve excellence, gain deeper knowledge of subject so that they will get jobs after recruitment in the companies which would reduce unnecessary rush to the higher education.

Universities and colleges in both public private must be away from the political affiliations, Favoritism, money making process should be out of education system etc.

There should be a multidisciplinary approach in higher education so that student's knowledge may not be restricted only up to his own subjects.

Conclusion

Education is a process by which a person's body, mind and character are formed and strengthened. It is bringing of head, heart and mind together and thus enabling a person to develop an all-round personality identifying the best in him or her. Higher education in India has expanded very rapidly in the last six decades after independence yet it is not equally accessible to all. India is today one of the fastest developing countries of the world with the annual growth rate going above 9%. Still a large section of the population remains illiterate and a large number of children's do not get even primary education. This is not only excluded a large section of the population from contributing to the development of the country fully but it has also prevented them from utilizing the benefits of whatever development have taken place for the benefit of the people. No doubt India is facing various challenges in higher education but to tackle these challenges and to boost higher education is utmost important. India is a country of huge human resource potential, to utilize this potential properly is the issue which needed to discuss. Opportunities are available but how to get benefits from these opportunities and how to make them accessible to others is the matter of concern. In order to sustain that rate of growth, there is need to increase the number of institutes and also the quality of higher education in India. To reach and achieve the future requirements there is an urgent need to relook at the Financial



Resources, Access and Equity, Quality Standards, Relevance, infrastructure and at the end the Responsiveness.

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