Promoting excellence in higher education- Issues and challenges

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Abstract

India's higher education system is the world's third largest in terms of students, next to China and the United States. Unlike China, however, India has the advantage of English being the primary language of higher education and research. India educates approximately 11 per cent of its youth in higher education as compared to 20 per cent in China. The main governing body at the tertiary level is the University Grants Commission (India), which enforces its standards, advises the government, and helps coordinate between the centre and the state. Universities and its constituent colleges are the main institutes of higher education in India.

Key Words: advantage of English, approximately, standards, achieve.

Introduction

India's higher education system is the world's third largest in terms of students, next to China and the United States. Unlike China, however, India has the advantage of English being the primary language of higher education and research. India educates approximately 11 per cent of its youth in higher education as compared to 20 per cent in China. The main governing body at the tertiary level is the University Grants Commission (India), which enforces its standards, advises the government, and helps coordinate between the centre and the state. Universities and its constituent colleges are the main institutes of higher education in India.

Scenario

As India strives to compete in a globalised economy in areas that require highly trained professionals, the quality of higher education becomes increasingly important. So far, India's large, educated population base and its reservoir of at least moderately well trained university graduates have aided the country in moving ahead, but the competition is fierce; from China in particular.

We need an educational system that is modern, liberal and can adapt to the changing needs of a changing society, a changing economy and a changing world. The thrust of public policy for higher education in India has to be to address these challenges. However, one university can't make much difference. If the government. We will be able to match and compete with other countries and the dream to be the world's greatest economy won't be difficult to achieve.

Although there have been challenges to higher education in the past, these most recent calls for reform may provoke a fundamental change in higher education. This change may not occur as a direct response to calls for greater transparency and accountability, but rather because of the opportunity to reflect on the purpose of higher education, the role of colleges and universities in the new millennium, and emerging scientific research on how people learn. These disparate literatures have not been tied together in a way that

would examine the impact of fundamental change from the policy level to the institutional level and to the everyday lives of college and university administrators, faculty and students. Now the time has come to create a second wave of institution building and of excellence in the fields of education, research and capability building. We need higher educated people who are skilled and who can drive our economy forward. When India can provide skilled people to the outside world then we can transfer our country from a developing nation to a developed nation very easily and quickly.

Some institutions of India, such as the Indian Institutes of technology (IITs), have been globally acclaimed for their standard of education. The IITs enroll about 8000 students annually and the alumni have contributed to both the growth of the private sector and the public sectors of India. However, India has failed to produce world class universities like Harvard and Cambridge. According to the London Times Higher Education (2009)-Quacquarelli Symonds (QS) World University rankings, no Indian university features among the first 100. But universities in East Asia have been included in the first hundred. Hong Kong has three, ranked at 24, 35 and 46; Singapore two ranked at 30 and 73; South Korea two ranked at 47 and 69 and Taiwan one in the 95th position. Notably, China's Tsinghua University and Peking University are ranked at 49 and 52 respectively. There is no Indian university in the rankings from 100 to 200. It is only when one moves on to the next 100 that we find the Indian Institute of Technology, Kanpur at 237; IIT Madras at 284 and the University of Delhi at 291.

A recent evaluation of universities and research institutes all over the world, conducted by a Shanghai university, has not a single Indian university in the world's top 300 while China has six. The Indian Institute of Science, Bangalore, comes in somewhere in the top 400 and IIT, Kharagpur, makes an appearance after that. Yet this decisive edge also has its shortcomings. Besides top rated universities which provide highly competitive world class education to their pupil, India is also home to many universities which have been founded with the sole objective of making easy money. UGC and other Regulatory authorities have been trying very hard to extirpate the menace of private universities which are running courses without any affiliation or recognition. Students from rural and semi urban background often fall prey to these institutes and colleges. Today, Knowledge is power. The more knowledge one has, the more empowered one is. According to the University Grants Commission (UGC), India needs 1500 more universities with adequate research facilities by the end of the year 2015 in order to compete in the global market.

The overall scenario of higher education in India does not match with the global Quality standards. Hence, there is enough justification for an increased assessment of the Quality of the country's educational institutions. Traditionally, these institutions assumed that Quality could be determined by their internal resources, viz., faculty with an impressive set of degrees and experience detailed at the end of the institute's admission brochure, number of books and journals in the library, an ultra-modern campus, and size of the endowment, etc., or by its definable and assessable

outputs, viz., efficient use of resources, producing uniquely educated, highly satisfied and employable graduates.

Critical issues in Indian higher education

As India strives to compete in a globalised economy in areas that require highlytrained professionals, the quality of higher education becomes increasingly important. So far, India's large, educated population base and its reservoir of at least moderately well-trained university graduates have aided the country in moving ahead, but the competition is fierce; from China in particular. Other countries are also upgrading higher education with the aim of building world class universities. Even the small top tier of higher education faces serious problems. Many IIT graduates, well trained in technology, have chosen not to contribute their skills to the burgeoning technology sector in India; perhaps half leave the country immediately upon graduation to pursue advanced studies abroad, and most do notreturn. A stunning 86 per cent of Indian students in the fields of science and technology who obtain degrees in the United States do not return home immediately following their graduation. A body of dedicated and able teachers work at the IITs and IIMs, but the lure of jobs abroad and in the private sector makes it increasingly difficult to lure the best and brightest to the academic profession.

The present system of higher education does not serve the purpose for which it has been started. In general education itself has become so profitable a business that quality is lost in the increase of quantity of professional institutions with quota system and politicization adding fuel to the fire of spoil system, thereby increasing unemployment of graduates without

quick relief to mitigate their sufferings in the job market of the country. So, the drawbacks of the higher education system underscore the need for reforms to make it worthwhile and beneficial to all concerned.

The growth of higher education in India has been largely guided by the serviceableprerequisite of the economy. After independence, the role of the state in planning out adevelopment path and also in building higher education institutions was guided by mutuality of purpose. Most observers of higher education in India feel that performance of higher education institutions has been less than satisfactory in terms of access, equity and quality.

Now there is an urgent need to work for the development of the educational sector to meet the need of the emerging opportunities, increasing younger generation population and challenges of the 21st century.

Challenges of present higher educational system in India

Since we have got independence we are facing challenges to establish a great and strong education system. Various governments came and gone. Off course they tried to establish new education policies in the system but this is very sad to dictate that they were not sufficient for our country. Still we are facing lot of problems and challenges in our Education System. India recognises that the new global scenario poses unprecedented challenges for the higher education system. The University Grants Commission has appropriately stated that a whole range of skills will be demanded from the graduates of humanities, social sciences, natural sciences and commerce, as well as from the various professional

disciplines such as agriculture, law, management, medicine or engineering.

India can no longer continue the model of general education as it has been persistingin for the large bulk of the student population. Rather, it requires a major investment to make human resource productive by coupling the older general disciplines of humanities,social sciences, natural sciences and commerce to their applications in the new economy and having adequate field based experience to enhance knowledge with skills and develop appropriate attitudes.

Responding to these emerging needs, the UGC stated: "The University has a crucial role to play in promoting social change. It must make an impact on the community if it is to retain its legitimacy and gain public support". It seeks to do so by a new emphasis on community based programmes and work on social issues. Concepts of access, equity, relevance and quality can be operationalised only if the system is both effective and efficient. Hence, the management of higher education and the total networking of the system has become an important issue for effective management. The shift can occur only through a systemic approach to change as also the development of its human resource, andnetworking the system through information and communication technology.

There are many basic problems facing higher education in India today. These include inadequate infrastructure and facilities, large vacancies in faculty positions and poor faculty thereof, low student enrolment rate, outmoded teaching methods, declining research standards, unmotivated students, overcrowded classrooms and widespread geographic,income, gender, and ethnic imbalances. Apart from concerns relating to deterioratingstandards, there is reported exploitation of students by many private providers. Ensuring equitable access to quality higher education for students coming from poor families is a major challenge. Students from poor background are put to further disadvantage since they are not academically prepared to crack highly competitive entrance examinations that have bias towards urban elite and rich students having access to private tuitions and coaching.

Education in basic sciences and subjects that are not market friendly has suffered.

Research in higher education institutions is at its lowest ebb. There is an inadequateand diminishing financial support for higher education from the government and fromsociety. Many colleges established in rural areas are non-viable, are under-enrolled and have extremely poor infrastructure and facilities with just a few teachers. A series of judicial interventions over the last two decades and knee-jerk reaction of the government – both at the centre and state level and the regulatory bodies without proper understanding of the emerging market structure of higher education in India has further added confusion to the higher education landscape in the country. There is an absence of a well-informed reform agenda for higher education in the country. A few efforts made now and then are not rooted in the new global realties based on competition and increased mobility of students and workforce.

Time to time system influenced with new challenges and government taken a majorrole to build the system.

But there are many challenges always faced by the government.

Some of the leading challenges before the higher education system are continuous upgradation of curriculum to keep in pace with rapid growth of science and technology;globalisation and the resultant challenges from the international universities; grooming of many private institutions without any method of ensuring maintenance of quality and standard; need for adequate funding to meet the demands of various novel innovative programmes; developing a meaningful and purposeful inter-face between the universities, National Research Laboratories, industries, government and society, etc. ICT in higher education policy may not be able to completely overcome all these challenges though it may play a role in information and resource sharing.

There are so many people in various parts of country which are still out of reach.This is when we have emphasize more on our education programs and made our system reachable to all areas. Government has to rethink on these areas to implement more on the policies. Money also plays a vital role for the education system which needs to unique for all globally recognized syllabus and curricula. Take a look on our constitution which says that this is the responsibility of central and state government to build good education system. For that we need to have funds. But despite there was a large expenditure on the funds every year on Education where the fund goes and our system remains intact.

Central government prepares policies and plan while responsibility of State government is run those policies on ground. The standard education facilities are higher in the states which are much rich. There is a need to change such defects from the country education system which only can be influenced by increasing funding and providing better facilities to students. But we know there is always increase in the fund for the education system but never implemented in that area. So we have to work in this area. Government tries to make different policies which are implemented but quality never checked. Majority of fund goes in the pockets of officials working for this. There is a vast need to improve the quality and standards.

The time now is to modernize our education system so that our country can getmuch more technically graduated people which can help our country to developed state. Today's youth always try to go foreign for his higher education as they have much better facilities and quality of their system. Can't we get that quality here itself? We have to stop this brain drainage so as avoid students to run away from country. Our governments trying for various challenges faced but no one is doing well for that. Government came and goes but system remains intact.

Higher education is extremely diverse and the challenges and issues faced by higher education institutions are just as diverse. The process of education is not merely digesting books. It is also about doing several co-curricular and extra-curricular activities that give a broader meaning to life in general and education in particular. I believe that opportunities for such holistic development are not enough in India. Facilities for the same are lacking or not easily accessible in India. Even where facilities exist, there is a lack of information about the same.

Suggestions for improving quality of higher education

There are some suggestions and Expectations from Government, Industry, Educational Institutions, Parents and Students for improving quality of higher education-Towards a Learning Society- As we move towards a learning society, everyhuman activity will require contributions from experts, and this will place the entire sector of higher education in sharp focus. Although the priorities, which are being assigned today to the task of Education for All, will continue to be preponderant, the country will have to prepare itself to invest more and more on higher education and, simultaneously, measures will have to be taken to refine, diversify and upgrade higher education and research programmes.

1. Industry and Academia Connection- Industry and Academia connect necessary to ensure curriculum and skills in line with requirements. Skill building is really very crucial to ensure employability of academia to understand and make sure good jobs (keeping in view knowledge + skills+ global professional skills = good jobs).

2. Incentives to Teachers and Researchers- Industry and students are expecting specialized courses to be offered so that they get the latest and best in education and they are also industry ready and employable. Vocational and Diploma courses need to be made more attractive to facilitate specialized programs being offered to students. Incentives should be provided to teachers and researchers to make these professions more attractive for the younger generation.

3. Innovative Practices- The new technologies offer vast opportunities for progress in all walks of life. It offers opportunities for economic growth, improved health, better service delivery, improved learning and socio-cultural advances. Though efforts are required to improve the country's innovative capacity, yet the efforts should be to build on the existing strengths in light of new understanding of the research-innovation-growth linkage.

4. To mobilize resources- The decline in public funding in the last two plan periods has resulted in serious effects on standards due to increasing costs on non-salary items and emoluments of staff, on the one hand, and declining resources, on the other. Effective measures will have to be adopted to mobilize resources for higher education. There is also a need to relate the fee structure to the student's capacity to pay for the cost. So that, students at lower economic levels can be given highly subsidised and fully subsidised education.

5. Coming of Information Age- The world is entering into an Information Age and developments in communication, information and technology will open up new and cost-effective approaches for providing the reach of higher education to the youth as well as to those who need continuing education for meeting the demands of explosion of information, fast-changing nature of occupations, and lifelong education.Knowledge, which is at the heart of higher education, is a crucial resource in the development of political democracy, the struggle for social justice and

progress towards individual enlightenment.

6. Student-Centred Education and Dynamic Methods- Methods of higher education also have to be appropriate to the needs of learning to learn, learning to do, learning to be and learning to become. Student-centred education and employment of dynamic methods of education will require from teachers new attitudes and new skills. Methods of teaching through lectures will have to subordinate to the methods that will lay stress on self-study, personal consultation between teachers and pupils, and dynamic sessions of seminars and workshops. Methods of distance education will have to be employed on a vast scale.

7. Public Private Partnership- PPP is most essential to bring in quality in the higher education system. Governments can ensure PPP through an appropriate policy. University Grants Commission and Ministry of HRD should play a major role in developing a purposeful interface between the Universities, Industries and National Research Laboratories (NRLs) as a step towards PPP. Funding to NRLs by the government should ensure the involvement of institutions of higher education engaged in research activities to facilitate availability of latest sophisticated equipment. There has been some effort both by the government and the private education institutions to develop the teaching staff at various levels. However, this needs to be intensified with appropriate attention to all the aspects related in order to prepare quality and sufficient number of

educational staff. Such efforts need a very serious structuring for the research base institutions. We have to be optimistic that private-public partnership and the Industry interface will take place in the field of education at all levels, and particularly in the backward regions, which is the needof the hour. To achieve excellence, we thus need to create a real partnership between government, educators and industry–Partnerships that can provide our high-tech industries with skilled workers who meet the standards of their industry.

8. To Provide Need Based Job-Oriented Courses- All round development of personality is the purpose of education. But the present day education is neither imparting true knowledge of life and nor improving the talent of a student by which one can achieve laurels in the field one is interested. So, combination of arts subjects and computer science and science and humanities or literature should be introduced so that such courses could be useful for the students to do jobs after recruitment in some companies which would reduce unnecessary rush to higher education. The programme must be focused on graduate studies and research and developing strategies and mechanisms for the rapid and efficient transfer of knowledge and for its application to specific national and local conditions and needs. Meritorious doctoral students should be recognized through teaching assistantships with stipends over and above the research fellowships. Finally, based on knowledge only vision of the future life and work can be had; based on this vision only a

broad ambition can be fixed for oneself; and based on this ambition only one can lead interesting life doing satisfying job to do remarkable achievements in some field in the world.

9. International Cooperation- Universities in India have been a primary conduit for the advancement and transmission of knowledge through traditional functions such as research, innovation, teaching, human resource development, and continuing education. International cooperation is gaining importance as yet another function.With the increased development of transport and communication, the global village is witnessing a growing emphasis on international cooperation and action to find satisfactory solutions to problems that have global dimensions and higher education is one of them.

10. Quality development- Quality depends on its all functions and activities: teaching and academic programs, research and scholarship, staffing, students, building, facilities, equipments, services to the community and the academic environment. It also requires that higher education should be characterized by its international dimensions: exchange of knowledge, interactive networking, mobility of teachers and students and international research projects, while taking into account the national cultural values and circumstances.

11. Personality Development- Education should be for the flowering of personality but not for the suppression of creativity or natural skill. In the globalized world opportunities for the educated people

are naturally ample in scope. As a result business process outsourcing (BPO) activities have increased competition in the world trade leading towards the production of quality goods and their easy availability everywhere in the world market. That is the way the world can be developed for peace, prosperity and progress by able and skilful men.

12. Examination Reforms- Examination reforms, gradually shifting from the terminal, annual and semester examinations to regular and continuous assessment of student's performance in learning should be implemented.

13. High-tech Libraries- Our university libraries have a very good collection of books, but they are all in mess. A library must be online and conducive for serious study.Indian universities should concentrate more on providing quality education which is comparable to that of international standards.

Conclusion

After independence, there has been tremendous increase in institutions of higher learning in all disciplines. But with the quantitative growth has it been able to attend to the core issue of quality. India is today one of the fastest developing countries of the world with the annual growth rate going above 9%. 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 and at the end the Responsiveness.

According to Prime Minister of India NarendraModi 'The time has come to create a second wave of institution building and of excellence in the fields of education, research and capability building'. We need an educational system that is modern, liberal and can adapt to the changing needs of a changing society, a changing economy and a changing world. The thrust of public policy for higher education in India has to be to address these challenges. However, one university can't make much difference. If the government welcomes more such initiatives, the future will be ours. We will be able to match and compete with other countries and the dream to be the world's greatest economy won't be difficult to achieve.

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