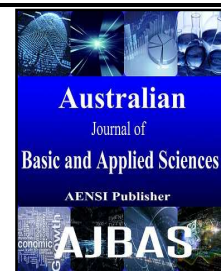




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The role of ict tools in teaching in india

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ABSTRACT

The gap between the expectations and the current performance is evident in our education sector. Most companies are in the constant search of high quality students who can be better productive than those who are available. To build a great future this country would need great brains. It is astounding to the academic world to know that they are not yet ready for the makeover. It is high time for the country to provide education that is internationally accredited and the Indian students should be able continue their education in any university without having to do additional courses before taking up further education abroad. This paper would deal with how ICT tools can be used for better teacher training and better performance of teachers in the class rooms. Some of the major methods suggested in this paper are mirroring techniques, and creating virtual class rooms..etc. this paper would also suggest alternate and new methods of training for potential teachers and points out the disadvantages of the current practices in the teacher training centers and this paper would throw light on the recent methods of training adopted by some of the academic staff colleges across India. This paper would also make suggestions on how technology can be used to make the best of class room instruction possible.

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INTRODUCTION

The fact that India is going to become one of the global leaders in business and one of the major financial capitals of the world turns the attention and the focus of the world towards this vast sub continent. Visionaries like CK Prahlad and APJ Abdul Kalam are sure of this great change. CK Prahlad in one of his recent articles expressed his belief in the possibility of this great dream. Ineffective instruction and passive teaching methods are some of the major draw backs of the current Indian education system. The use of technology, information and communication tools is less as the most teachers are unaware of these technological aspects. None can deny the fact that there are teachers here and there who are innovative and creative and they often are the favorite teachers for the students. Such innovation and creation need to be kept on a platform where others can see and follow. "I Believe that India has the potential to actively participate in Shaping the emerging world order" (Prahlad's Plan, Cover Story, Business Today, August 24, 2008. Page 76). This statement shows the confidence that great men have got in the

potential of this country. As this country marches forward into such great era, the 8th Knowledge commission that is headed by Dr. Sam Pitroda made many observations and suggested that the school education need to be "reoriented". They also found that quality higher education is still a dream for most part of this country. They have recommended so many improvements to be shortly made. This paper will call attention of all the key contributors to play a better role in enhancing the teacher training standards so that better education can become possible in India. Some of the key issues like International accreditations, great academicians, advanced and up to date researches are discussed in detail. The preparedness levels of our students to meet the global standard, and the true sense of quality higher education in the face of the global economic recession and uses of technology in education (teaching-learning process) are also discussed. This paper also discusses about how India can score on the existing strengths like vast experience in addressing BPO requirements from the developed nations, to accomplish economic stability along with global leadership in academics. The need to be "industry Ready" to be absorbed directly into the

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Industry (Only 30% of our graduates are readily employable) This paper concludes by reminding the need for creating new community, partnerships between industries, academics and other institutions for knowledge creation and sharing and also about industry or sector specific studies for creating industry expertise or sector expertise to know the field thoroughly. Then it points out to how Common e-mails, or group mailing or creating blogs for the subjects and e-magazines. Creating learning material on the web or putting the teaching notes on URLs are to become the primary practices and abilities of the teachers. Global leaders cannot be just prepared by the local technology alone and this herculean task requires most updated and much more efficient methods than what we are currently using to make the global academic leadership to this country. While we aim to have 30 of the top 100 companies in the world in India by 2025 (according to C K Prahlad). We should also plan to have 30 of the top 100 universities of this world in India. This goal turns into reality only when teachers are trained in a proper manner as they make a great impact on building future India.

II.Changing Standards:

The total number of international accreditations is not many at present but this should be the vision of the academicians in this country. The preparedness levels of our students are under close scrutiny as the need of the market is employees of global standard. Industries expect graduate professionals to meet the exacting demands of international standards hence the need for grooming Indian graduates to International Standards, building up the required competencies and capabilities Academic institutions are under pressure to produce the global leaders in business and other professions. When major brands of the world are struggling under the financial recession, the education sector in India is planning to raise the salaries of its teaching staff so that it becomes one of the areas of choice for the job seekers. Some of the major questions this paper would discuss will be:

What is the true sense of quality higher education? Do we have a long way to go before we become a country of high quality education? Are there disadvantageous uses of technology in education (teaching-learning process)?

This paper also discusses about how India can score on the existing strengths like vast experience in addressing BPO requirements from the developed nations, to accomplish economic stability along with global leadership in academics. The need to be "industry Ready" to be absorbed directly into the Industry (Only 30% of our graduates are readily employable) There is a great need to develop the ability to work in cross-cultural environments to suit the requirements of the global industry including knowledge of foreign language.

III.Role of teachers:

The education institutions need to increase the quality consciousness in terms of teaching. The teachers need to carry the required awareness levels of what the high quality education could be. Training for the teachers towards providing high quality education, the teachers have to teach and not just complete the syllabus deliver and set the path towards this transformation.

Not too long ago the quality of education institutions is measured by the basic infrastructure and then by the pass percentage. Later years education institutions took pride in having expert teachers.

IV.The uses of ICT Tools:

- Observing, measuring, communicating and discussing, trying things out, investigating, handling things, watching and monitoring, record results ...
- Lack of awareness is the most impoverishing power in the world of academics. We need to enrich the education system.
- The need to have good Interpersonal Relationship, Leadership, Communication and Soft skills

V.Tools for sustainable and sustaining learning:

Strategiesto create new community, partnerships between industries, academics and other institutions for knowledge creation and sharing. industry and sector studies for creating industry expertise or sectoral experts so that they know the field thoroughly. Common e-mails, or group mailing or creating blogs for the subjects. Creating learning material on the web or putting the teaching notes on a particular URL are to become the primary practices. Creating sector specific e-magazines and also regular magazines to update the students on the current affairs in each sector will be an easier method to keep the students on fire, especially teachers can ask the students to come up with the contribution for the magazine. If students of the western schools can run school radios, our students should certainly be able to run magazines of this kind. Global leaders cannot be just prepared by the local technology alone and this herculean task requires most updated and much more efficient methods than what we are currently using to make the global academic leadership to this country. If we can be the top 2 in the test cricket ratings and can produce world's best bats man and a tennis star who can take the 36th Rank in the world, we can also produce star universities which get a ranking in the world of academics. We need to take steps towards excellence in education. We can certainly take a place in the top 100 universities in the world. But it is possible only when the best professor gets paid as much as the coach of the Indian cricket team. When the cricket academies in this country get place allotted by the government. While we aim to have 30 of the top 100

blue chip companies in the world in India by 2025 (according to C K Prahlad). We should also plan to have 30 of the top 100 universities of this world.

REFERENCES

- Chauhan, S.S., 2005. *Innovations in teaching-Learning Process*, Vikas Publishing house PVT Limited, New Delhi.
- Panikkar, K.N., 2009. "Towards a New Paradigm in Education" *The Hindu*, (9 May 2009) (<http://www.thehindu.com>)
- Natarajan, R., M. Anandkrishnan, 2010. *21st Centuary Priorities in Engineering Education*, Indian Society for Technical Education, New Delhi.
- <http://www.aacsb.edu/accreditation/>
- http://www.foundationcoalition.org/home/keycomponents/assessment_eval/ec_outcomessummaries.html
- <http://www.mbauniverse.com/> IMI HR Summit/Delhi
- <http://www.wisegeek.com/what-is-employee-empowerment.htm>(date: 28-07-09)
- <http://www.thapar.edu/directory.asp?id=6>
- www.mission10X.com
- <http://www.knowledgecommission.gov.in/downloads/news/news23.pdf>, 06/ 09/ 2009
- http://www.academics-india.com/yashpal_report.htm
- <http://www.abet.org/forms.shtml>
- <http://www.ed.gov/news/speeches/new-approach-teacher-education-reform-and-improvement>
- http://articles.timesofindia.indiatimes.com/2012-02-29/nagpur/31110452_1_mba-cet-aspirants-dte-officials
- http://articles.timesofindia.indiatimes.com/2012-03-28/hyderabad/31248718_1_aicte-colleges-technical-education