

Strategies for Accelerating Sustainable Development

Through

Relevant Education

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Relevant Education

.....The Challenge 1

- **600 mil.(55%)** are NOT literate (based on the 3R's)
- Based on a minimum qualification of **Class V pass!**
- **300 mil.(28%)** unemployed in employable age - 18 to 50
- **41 - 42 mil.(4.2%)** registered with employment offices
- **28 mil.** born per year. **10 mil.** die per year.
- **18 million (1.6%)** increase in population per year
- **770 mil. (71%)** below the age of 35 years (GOI)



Relevant Education

.....The Challenge 2

- **490* mil.(45%)** below poverty line @ US\$ 1/day (World Bank) (estimate)*
- **800* mil.(64%)** below poverty line @ US\$ 2/day (World Bank) (estimate)*
- **Per capita** US\$ 830 per person per year, US\$ 2.20/day (BRIC Report)
- **290 mil.(26.4%)** below poverty line @ Rs. 10/day (rural) Rs. 14/day(urban)(GOI)

Relevant Education

.....The Challenge 3

- 90% of brain development by age of 7 years!
- Drop-out rate **Class 1 to 12**, is 90 to 94%
- Includes children who never go to school
- 10% go for Higher & Technical education in 22,000 colleges
- 60% (or 6%) of all graduates are Arts Graduates
- 40% (or 4%) in Engineering, Medical, I.T., Software, Management, Commerce, Science, Law, etc.

Relevant Education

.....The Challenge 4

- **About 8% - 10%** receive Relevant Education
- **Balance 90%** - how to address their aspirations?
- **Civil Society, Central and State Governments** have NO concrete plans for the drop-outs!
- **Can the country prosper** if we do not plan for such a large part of the population?
- We need to plan for our youth! Otherwise?
- **Civil Unrest? Naxalism?**



Relevant Education

.....The Challenge 5

- **Rs. 111,000 cr.** or US\$28 billion/yr spent on education
- **15%** by Central Govt. and **85%** by State Govts.
- **3.3% of GDP** spent on education – not enough – more required. **Private initiatives** inject another **4.7% of GDP** into education, mostly in urban areas & in H&TE
- Additional **3.0% - 3.5% of GDP** or **US\$25 billion** required per year, just for **Primary and Secondary** education



Relevant Education

.....The Challenge 6

- **Educational Cess** may mobilize additional US\$1.5 billion per year
- **Central & State Government** are in deficit by **10% to 11% of GDP**
- **Private participation** from citizens & NRI's is a **solution**
- **Relevant Education** in Pre-Primary, Primary, Secondary, Vocational, Higher & Technical reqd.

Relevant Education

.....Role of Government 1

- **Facilitator** and not a Controller
- Like in Business & Industry **remove Controls & Regulation**
- **'License Raj'** must go in Education
- **All subsidies** from higher education to be diverted to pre-primary, primary & secondary education

Relevant Education

.....Role of Government 2

- **Allow education** to be recognized as an Enterprise
- **Allow tax breaks** in investment in Education till 2025 or till we achieve 95% to 98% Literacy
- **Recognize that education & training as an Enterprise** is US\$ 5500 billion / year worldwide.
- Education is **5 times bigger** than I.T. and software which is US\$ 930 billion / year worldwide.

Relevant Education

.....Role of Government 3

- Only 1% of new jobs go to Govt., 2% to private 'organized' sector and 97% to 'unorganized' sector
- **Relevance of Vocational Education & Training**, where 80% of the population is given an opportunity to learn **skills / trades / competence** in 2500 areas. In 15,000 modules.
- **This is missing in INDIA!**
- **Can get engineers**, but not **international quality plumbers, masons, repairmen, etc**

Relevant Education

.....Role of Government 4

- **Education & Training is a big employment generator**
- **Capitation Fees will be resolved by decontrol & deregulation**
- **Fee Structure for 22,000 colleges cannot be decided by a group of Supreme Court Judges, but only by free & competitive market forces**



Relevant Education

.....Actions to be taken 1

- Promote 100% literacy
- Decontrol & deregulate education as was Industry in 1991. Unshackle Goddess '**Saraswati**'
- Allow private participation in education with minimum of 25% free education for the SC/ST(under privileged) and Below Poverty Line population
- 100% Enterprise Skills Education in schools, Class 1st to 12th

Relevant Education

.....Actions to be taken 2

- **80% of population for VET or Vocational Education & Training. 100% of the work force must be Trained**
- **Link-up Industry-Enterprise-Learning-Research – on a dynamic basis**
- **Make India as the world's best and largest 'Educational Hub'. Pre-Primary to Higher & Technical Education**
- **World Class Education will propel INDIA as a ECONOMIC POWER**

Purpose of Education

Economic Factors

1. How can I survive in this world?
2. How can I earn enough?
3. How will it benefit me and my family?
4. Can I start my own business?
5. Indian buying power is limited, can I export?
6. How to do things better and faster?
7. The need for knowledge & learning
8. The need for benchmarking & improving
9. The urge and need to become world class
10. To excel in any particular field of activity



Purpose of Education

Social Factors

1. To stabilize **POPULATION** growth
2. To reduce **LAW and ORDER** problems
3. To reduce the incidence of **AIDS**
4. To improve **SECURITY of INDIA**
5. To improve **HARMONY** between the people
6. To improve personal **HYGINE**
7. To improve general **HEALTH** & reduce disease
8. To improve **PRODUCTIVITY**
9. To reduce pollution & improve **ENVOIRNMENT**
10. Find ways to work as a Team for the **COMMUNITY**



Thank You

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