

- Ethical Implications
- HS & Biotechnology
in Agriculture

Innovation & Creativity
Originality

① General Remarks

As in the TV

Is India a knowledge Society
Is it going to become a
knowledge Society?

I find this a bit hyperbolic
like Is India a Super power?
India is the 3rd (or is it 5th)
largest economy).

We have to ask what knowledge or
knowledge for what.

Among technocrats and political leaders,
the phrase is used as equivalent with

- Information Technology
- Biotechnology
- Other technologies such
as Material science
- Nanotechnology.

I find this embarrassing.
It is difficult to discuss biology
except at biotechnology. - (But it
is not difficult to understand.)

Knowledge Society

It is said that modern advanced
economies are service based and
not manufacture base. This requires
competitive globalization - I am

not sure I understand this enough
But the driving force for knowledge
creation in this environment is
salesmanship - Is the ancient idea of
knowledge for Public Good is now dead?

Q1

Knowledge Society

Knowledge is a foundation for
a democratic society -

| It should add an egalitarian
society -

② Our government has accepted the recommendation of NKC that India need 1500 Universities

It has decided to ~~start~~ start.

Start. 30 new Universities.

20 " IITs

20 " Institutes of Information Technology.

5 new Inst of Science education

and research - The emphasis, clearly on Institutions of higher learning with bias towards technical education. Is that a wise policy?

Q2

③ Our experience of Research Institutes and Universities

Why have the Universities devalued
Old Universities (25) 5 + 20

Now 300 (Some 20 Central) 10% govt
+ 150 State

Why has quality of Education
Declined

Res Institutes (About 25) 10% govt

Lack Humanities
& Social
Sciences

The govt ones are turning into
'Universities'

We cannot write off the existing
institutions

Suggestion

(A suggestion - Convert all
~~Res~~ Research
Institutes into Unives

Purpose of
General Education
Well Educated
C

1) Philosophy

- What Knowledge

Science
Science & Technology
Policy

- 1) Information Technology
- 2) Biotechnology

Shift from
Manufacturing
to
Services

- 3) Others
Material Science
Nanotechnology

2) Education

Science Education

What about?

General Education

| Humanities
| Fine Arts
| Social Science

3) Towards Elitism

Research Institutes
turning into Universities (20-30)

Some 15-20 Universities
in both Science and arts

Give give
good education

| What will happen to other
100 or so Universities & Research
Institutes - WILL they be written
off

④ How to Improve Quality World class Education

It cannot be done unless we improve schools and colleges

⑤ Nehru - Gandhi - Zakir Hussain
Radhakrishna -

Mass education -

Present trend is toward elitism -
Prod - Producing - Employable
in the = Knowledge society

Will India

1) Does Karnataka have
an alternative imagination