

International Institute for Innovation in ICT (I4CT)

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Need and Implications

• Today's UG Technical Education :-

* Flexibility in University Systems ?

- * Volume – heavy structures of decision making
- * Rigid criteria's of eligibility, curriculum, evaluation system.
- * 'Multi-input-exit' policy – lateral entry – exit.
- * Lack of Limited scope for innovations; optional subjects.

Status therefore :-

- * Potential of employability of product – questionable.**
- * Scope for improvement of quality of Teacher- limited.**
- * Huge requirement of PhDs and then – Researchers.**
- * Usefulness to society – the basic Agenda of research.**
- * What is investment to patents – ratio of India / Other countries.**
- * How many commercial products in Engineering are based on Indian Research ?**
- * Why only about 5 % Indian Engineers are ‘ Software Architects’ ?**
- * Infrastructure is huge – quality people required to use it.**

What is necessary ?

- * Learning based methods ensuring innovations
Project based learning – autonomy to do that ! !
- * Opportunity for engineering teachers to work in
good environment / work culture.
- * Multi –disciplinary approach.
- * Drive in everybody – Administrators, Teachers,
Students.

- How to achieve :-

- * People are working : Replicate the model of institutions of excellence in India / IUCEE example.
- * User Industry is enthusiastic now.
- * I3CT – one good opportunity to demonstrate.
- * The impact level will be really high Beyond we imagine today !