'Indo-US collaboration for Engineering Education'(IUCEE) seeks to create an Engineering Faculty institute for fostering Curriculum collaboration, R & D, Quality Accreditation and Entrepreneurship Education thus creating support network for 100,000 Engineering Faculty across India & US.

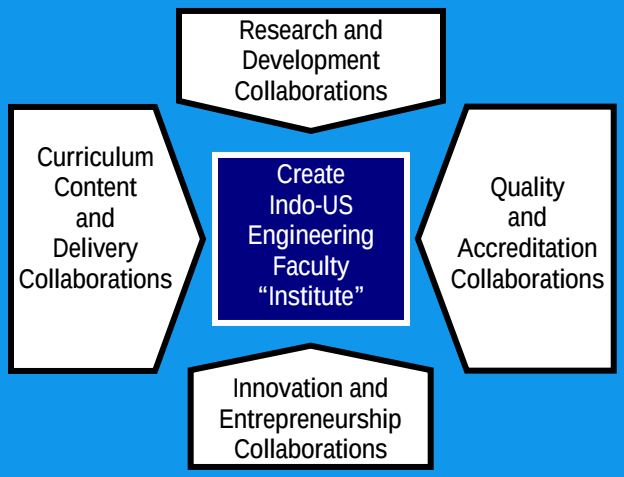
The Context

- Many of 400,000 graduates coming from 1300 engineering colleges might not be employment or research ready
- Hence, Quality of graduates coming to US has been decreasing over the years
- Critical shortage of graduate students & Phds in India for good quality research

Hence, there are opportunities for Indo – US collaboration to cross-pollinate best practices in Engineering Education.

The Proposition

With an aim to increase the quality of undergraduate engineering education, Research & development and to prepare students for global economy, an Indo-US Engineering faculty development institute is being set up which works on the following thrust areas:-



Sustainability, Scalability & Impact

Two pilots would be commissioned in each of the thrust areas and roll them out in India-US to seek feedback. Based on the learning, modified pilots would be implemented in new regions and thus scale will be achieved geographically. A sustainability fee would be charged for the colloborations created by the institute to ensure self-sustainability of the project.

Future steps

Fall 2007:-

- Establish Governance Structure
- Build Communications Portal
- Develop Models in Thrust Areas

Spring 2008:-

- Pilot model programs in selected regions

Fall 2008:-

- Roll out programs in other regions

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