



Engineering at IIT: A Fulbright Experience



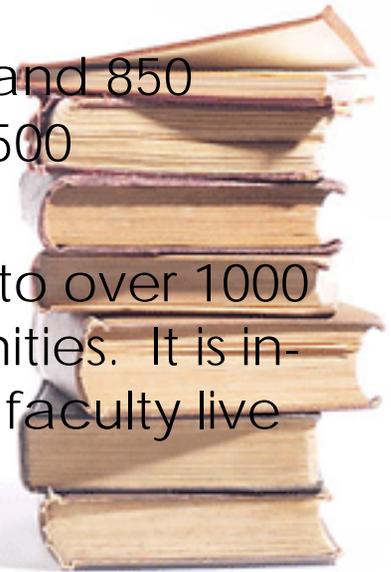
HISTORY OF IIT KANPUR

- The seven IIT campuses -- in Kanpur, New Delhi, Roorkee, Kharagpur, Madras, Bombay and Guwahati -- were created between 1951 and 1963 as centers of excellence for higher education, and research.
- IIT Kanpur- # one in ranking in India according to *Dataquest*, 2005, was started in 1959 with 100 students. It moved to the current location in 1963.
- Kanpur Indo-American Program (KIAP) comprising of a consortium of nine US universities helped in the development over a period of 10 years from 1962- 1972. The consortium included the MIT, Princeton, CalTech, and UCA, Berkley.
- IITK was first institute in India to start Computer Sc. Education in 1963 on an IBM 1620 system- a novelty then even in North American universities



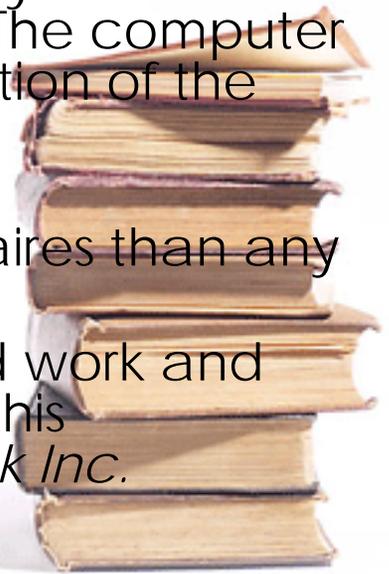
Highlights

- Admission to IITs is through a most prestigious competitive science exam (JEE) in which 180,000 students compete for 3500 places (1 in 51 acceptance ratio). For comparison, in Harvard, 22276 applied for 2074 accepted to the class of 2009 (a ratio of 1 in 11) and in Yale the ratio is 1 in 10.
- At present, IITK has 1450 undergraduate and 850 graduate students with 300 faculty and 1500 supporting staff .
- The campus extends within one premises to over 1000 acres with all modern buildings and amenities. It is in-campus institute wherein all students and faculty live on campus.



Reputation

- Put Harvard, MIT and Princeton together, and you will begin to get an idea of the status of IIT in India..... can't imagine a major area where Indian IIT engineers haven't played a leading role....Fortune 500 headhunters are always on the lookout for that IIT degree- *CBS 60 minutes*
- And it's hard to think of anything like IIT anywhere in the World. It is a very unique institution....The computer industry is benefited greatly from the tradition of the IITs- *Bill Gate 50th anniversary celebration, Cupertino,2003.*
- Per capita, IIT has produced more millionaires than any other institution- *Salon Magazine*
- The combination of rigorous thinking, hard work and fundamentals is what you have got from this institution...- *Victor Menezes, CEO Citibank Inc.*



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- The U. S. House Resolution 227, April 26, 2005

Whereas the Indian-American community and the graduates of the IIT in the U.S. have made valuable and significant contributions to society in every profession and discipline; and

Where as IIT graduates are highly committed and dedicated to research, innovation, and promotion of trade and international cooperation between India and the United States: Now therefore, be it

Resolved, That the House of Representatives-

- (1) Recognize the valuable and significant contributions of Indian-Americans to American society;
- (2) Honors the economic innovation attributable to



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to graduates of the IITs; and

- (3) Urges all Americans to recognize the contributions of Indian-Americans and have a greater appreciation of the role of Indian-Americans have played in helping to advance and enrich American society

This is the first time that the U.S. Congress has honored a foreign university.

- Alumni of IIT form the second largest group of graduates at MIT- the largest being MIT undergraduates themselves.... Students from IITK have pursued advanced degrees in the USA and have grown to become international authorities in critical areas of science and technology- *Wikipedia, the encyclopedia.*



The Campus



Academics



Faculty Building



Teaching a Hydraulics Engineering Class

