Welcome to KReSIT

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KReSIT: An Initiative For High Quality IT Education & Research in India

- Some Background
- The School
  -- History Of Events
- The Structure
  – With Four Cornerstones
- Challenges That We Face
Step up to meet...

● The demands of IT Industry
  – IT Task Force Projection Says More Than 2 Million *Professionals* Needed by Year 2008
● The Need for Leadership
● The gap in Domain Expertise
KReSIT: The Beginnings

- Initial Thinking Since 1996
- Kanwal Rekhi’s Visit in 98
- Early Conceptualization by Prof. Phatak
- Support From Alumni, Industry
- Senate Committee April 1998
  - Chaired By Prof N L Sarda
  - Two Members From Industry
- Senate Approval September 1998
- Board Approval October 1998
ABOUT KReSIT

• Established In October 1998
• Total Funding Support From Kanwal Rekhi And Nandan Nilekani
• Programs From July 1999
  – M Tech And Ph D Programs Started
• New Building Constructed 2001
Mission

- To innovate and to develop concepts and cutting-edge technology in our chosen areas of research.
- To *transfer technology* and spur the growth of a product industry in India.
- To prepare technology experts and visionaries of tomorrow through quality *post-graduate education*. 
KReSIT's Cornerstones

- Academics
- Research
- Distance Education
- Business Incubation
ACADEMIC PROGRAMS

- Ph D: (3 to 5 Years)
- M Tech (18 Months–Now Two Years)
  - Courses + Research
- PGDIIT (One Year)
  - Courses + Mini Project
  - Subset of The M Tech Program
  - Offered Through Distance Education
ACADEMIC PROGRAMS

• Admission Eligibility
  – BE/B Tech, M Sc, MCA Degree
  – High GATE Score in One’s Own Discipline
  – Entrance Test and Interview
FACULTY

Core Faculty Members
- Sunita Sarawagi
- Anirudha Sahoo
- Sridhar Iyer
- Bernard Menezes
- Kavi Arya
- Deepak Phatak
- Hari Sahasrabudhe
- Krishna Paul
- Umesh Bellur
- M.U. Deshpande
- Sashikant Kelkar

Visitors +
Associate Faculty
from other Departments
CSE, EE, ME, IDC,
……. 
KReSIT’s Cornerstones...

Academics

Research

Distance Education

Business Incubation
Research Topics

Data Bases & Information Systems
Internet & Distributed Applications
Web Technologies & E Commerce
Embedded Systems
Research Labs

- Data Bases & Information Systems
- Internet, Distributed Applications
- Web Technologies & E Commerce
- Embedded & Real-time Systems

Embedded Systems Lab

Intel Lab

Media Lab

Asia

HP Lab

ICT Research & Training Center

Affordable Solutions Lab
Research Funded By

ADA    DST    MCIT    Naval Research Board

industry

Data Bases & Information Systems
Internet, Distributed Applications
Web Technologies & E Commerce
Embedded Systems

LIC    General Ins.    Banks    MTNL    IDRBT

9/25/2004    Welcome
Projects Developing Specific Solutions

- Besides Funding, these Projects Provide
  - Exposure to Real World Problems
  - Chance to Prove Ourselves in Real Life
In the future...

- More Areas Envisaged
  - Engineering Large Systems
  - Financial Solutions
  - Information Technology Management
KReSIT's Cornerstones...

Academics

Research

Distance Education

Business Incubation
BUSINESS INCUBATOR

- IT Business Incubator
  - To Promote Indian Start-Ups
  - New Technologies And Products

- Place For Start-Up Companies
- Technology And R&D Support
- Interaction With Faculty, Students And Research Facilities
- Providing a nurturing eco-system
Distance Education

High Quality IT Education To a Large Number Of Working Professionals
Distance Education

- Lectures to Remote Centres
  - Through VSAT, Live Video Interaction
  - E-Content Support (Chat, FAQ, ...)
- Individual Courses Through CEP
  - To Working Professionals
  - To Students and Teachers
- Successfully beamed to 15 Centres
Challenges We Face

- People, Infrastructure, Funds
- Attracting And Retaining
  - The Best Faculty
  - The Best Students
- State of The Art Laboratories
- Creating And Maintaining The Best Ethos
- Endowments For Scholarships, Salary, Internet, Equipment Upgrade, Operations And Maintenance
The Sun is Shining...

- Our Mission
  - Develop Cutting Edge Solutions

- Our Ambition
  - To Be the Best of its Kind in The World

- Our Promise
  - We Will Make It!
HEARTFELT THANKS

- To The Two Pillars of Our Dream
  Kanwal Rekhi
  Nandan M Nilekani

- To The Innumerable Alumni Who have helped in various ways

- To The Industry For Their Support
Welcome...

to KReSIT

You are now part of the *KReSIT family*!