IPRinternalise

…….Implementation at VIT Pune

… a Case Study

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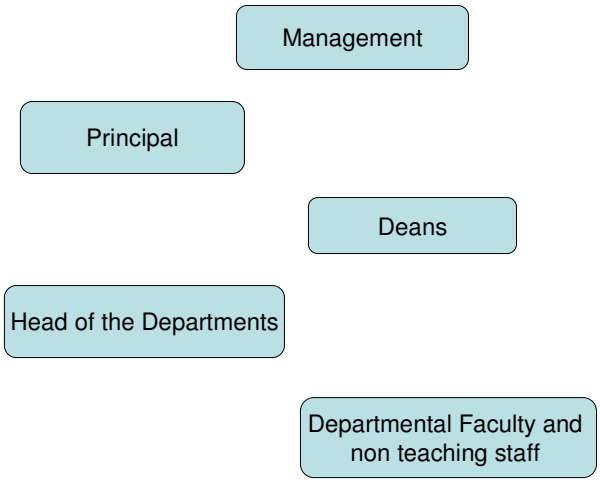
Workshop on Engineering Enterprise through IPRs, London,17th May 2007

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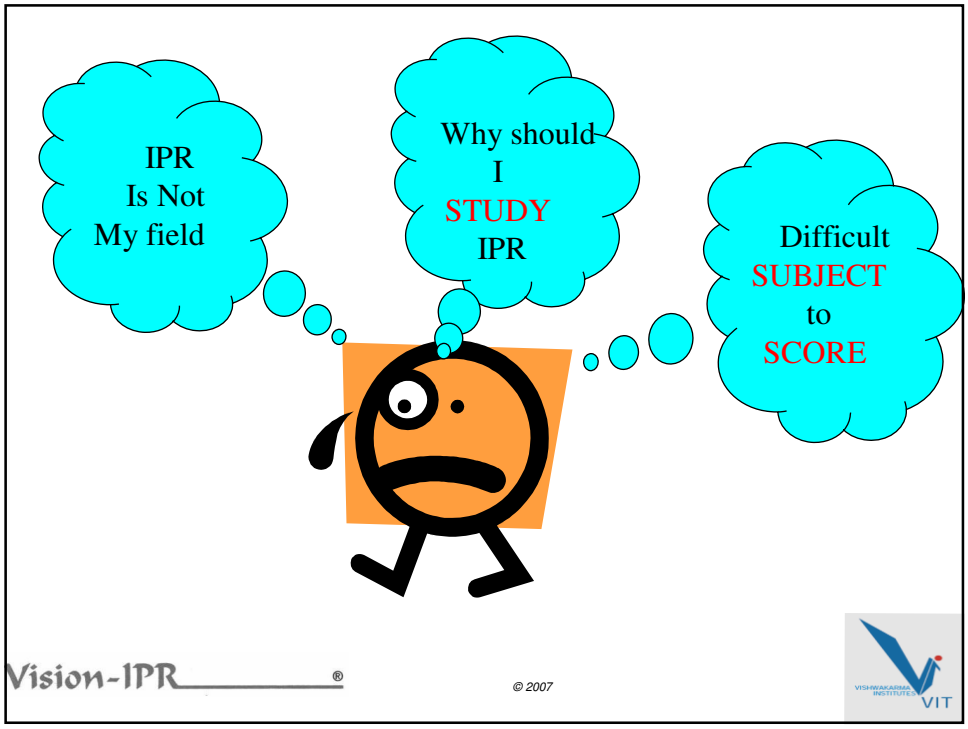
Structure of Self Financed Institutions in India



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VIT - Policy

To Depute Faculty To IITs Only

For

Qualification Improvement

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Challenge

To Create Enabling Environment

To Infuse IPR in Existing Structured Technical Education System

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Formation of Core Group in VIT Pune

Exposure of teaching and non-teaching staff to IPR

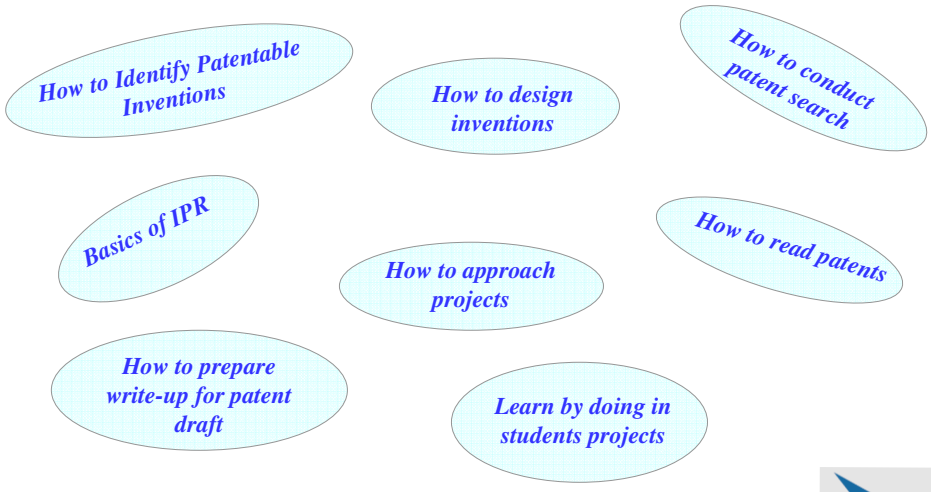
Voluntary Participation

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Building up IP Capabilities of Core group



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Students Encouraged to take problem from

Native Environment

Students should know where the shoe pinches

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Detailed Prior art search and analysis by core group and student

Based on prior art analysis Core group and student team explore
Tailored solution

Technical Problem solving approach

Designing experiments

High Quality Project Report

Patent, design registrations

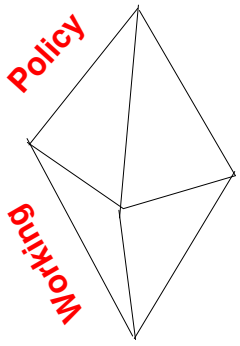
As a bonus

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Top-down Policy
Working Bottoms-up



Policy Synergising Working

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Development of

Institutional IPR Policy

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Lessons Learnt at VIT Pune

- ✓ *It is possible to Identify PATENTABLE INVENTION from Student Project*
- ✓ *How to review what is known and protected (prior art)*
- ✓ *Coordinated team work of Faculty-students participated in the innovation process*
- ✓ *Management - Strong commitment to support such process and encourage to set up system for commercialization*
- ✓ *Value added inputs to students*
- ✓ *Student and staff Confidence Building*

Enhancing Quality of Technical Education

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Patents Filed

Title of Invention	*Patent application No.*
Novel Milk Extracting Device	1613/Mum/2006
Production of Paraboloidal Surfaces	1445/Mum/2005
Voice-Interacting-fare indication device	616/Mum/2006
Telemedicine System on Vehicle	615/Mum/2006

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VIT Pune as Hub Institution creating Spokes

Sharing VIT (Hub Institute) experience with management of other institutions (spokes) on learning from "*IPinternalise*"

Spoke institute managements nominate their human resource for formation of IP core group

Government TEQIP program

Peer to peer training

VIT Hub core group ⟺ **spoke core groups**

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Hand holding by VIT core group

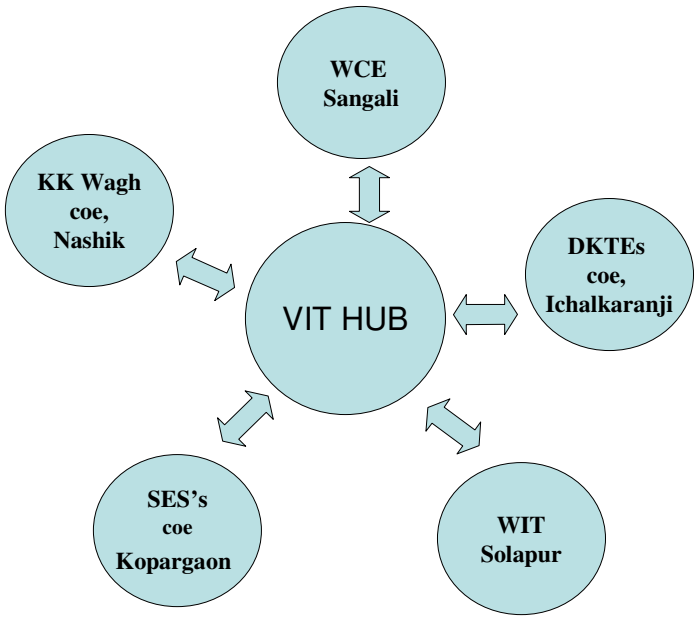
- ✓ Establishing spoke core group activities
- ✓ Helping spoke core group to handle their student projects

Drafting and filing patent applications of the spoke institution

Synergised Working as Community of IP Practice

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Where Do We Go From Here ?

End of 2007

Communities of practice with 30 spokes

End of 2008

Expand to a network of 100 hubs - spokes

Share Experience with other states in India and similar stake holders in other countries

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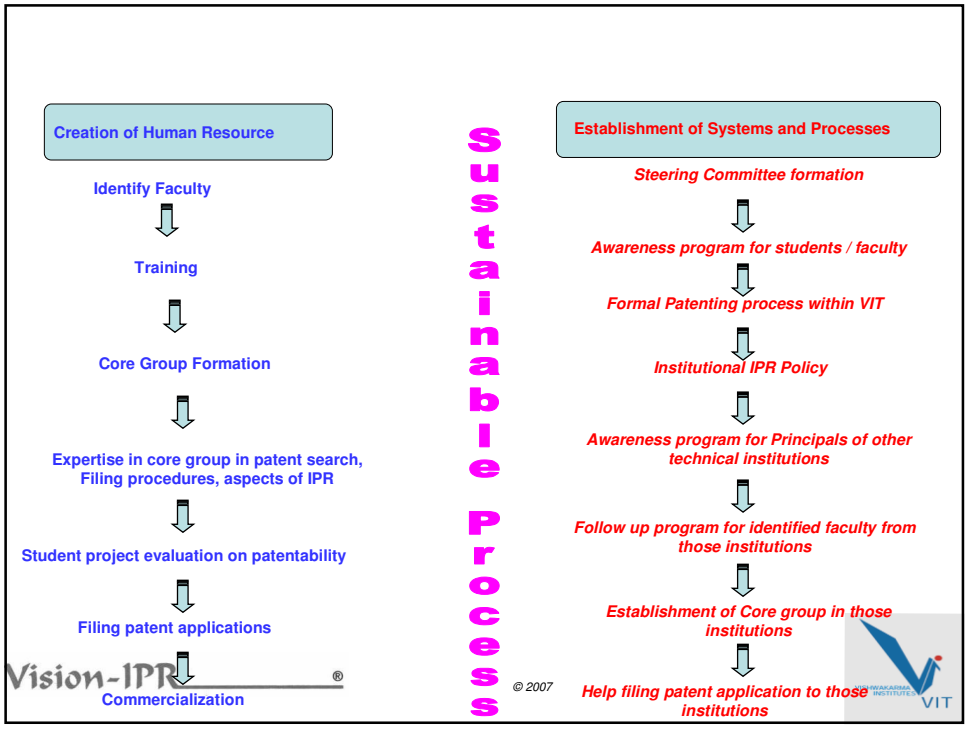
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Thank You!

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Creation of Human Resource
Identify Faculty
Training
Core Group Formation
Expertise in core group in patent search, Filing procedures, aspects of IPR
Student project evaluation on patentability
Filing patent applications
Commercialization
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Sustainable Process
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Establishment of Systems and Processes
Steering Committee formation
Awareness program for students / faculty
Formal Patenting process within VIT
Institutional IPR Policy
Awareness program for Principals of other technical institutions
Follow up program for identified faculty from those institutions
Establishment of Core group in those institutions
Help filing patent application to those institutions
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