Creating IPR Education Opportunities

.... IPRinternalise

... An Experiment

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Education

Creation of open, inspired, prepared, discerning and enriched minds for societal growth

Effective utilization of human resource for the benefit of society
an Adaptation of “Gurukul System”
How do we Innovatively Infuse IPR into Structured Technical Education System?

and further diffuse it in our society

A Challenge
What are the Options?

Option 1

Introduce IPR as an additional subject

Option 2

Make IPR a felt need of Institutions, Management, Faculty, Students and enterprises

Option 3

A Judicious combination of the Option 1 and 2
“IPRinternalise”.... Patent as a Vehicle

Education
To develop knowledge, skill, character of human being

Process of Education
Acquisition of information
Evaluate information
Synthesize and analyze information
Application of information to interact with an idea or experience

Patent Specification: A rich source of Technical Information

Patent Search
Technical Advance
Novelty
Inventive Step
Useful

Patentability Aspects

About 70% of Knowledge In Patent Databases

Societal benefit

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Conceptual Frame work of IPRinternalise

Enhance Quality of Education

Sustainable Activity  Operational Support

Student

Identify people
Training
Development of Critical Mass

IPR Policy

patent filing systems, patent search facilities

Outreach

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**IPRinternalise**

A Scalable Model

Cost Effective

High Adaptability within Core Groups

Peer to Peer Transfer of Literacy and Expertise

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**Paths to IPRinternalise**

- Creation of IPR LITERATE human resource
- Development of IPR LITERATE intra-institutional human resource

Interactive dynamic learning “Enabling Environment”

Intra institutional working groups of students, IPR LITERATE resource

Student Project problem identification
**Student Project-problem identification**

Do we know what is known?

Do we know what is protected?

Do we know how to bypass what is known and protected?

Do we know how to “DESIGN SOLUTIONS”

Do we know how to ENGINEER AN “INVENTIVE STEP”

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**Hub Spoke Model**

*Peer to peer transfer of IPR literacy and Expertise*

Hub to create spoke ..........  
Spoke to become hub to create spoke  
...chain propagation
Establishing Communities of IP Enablers and IP Practice

Hub and Spoke IP Core Groups

Networking for peer to peer interaction and learning

Exploiting EXISTING Government channels

Utilize power of IT TOOLS

LET PEOPLe REALIZE “POWER WITHIN”

Output

Development of IP expertise and capability within Technical Educational Institutions

Creating an urge to “Internalise IP” as a process of learning

Enhance quality of Technically qualified students

Building of a “CREATIVE LEARNING ETHICAL SOCIETY”
**Bonus**

Patents and other IPR from student / faculty Projects

Technology transfer and benefit sharing

**IPRinternalise**

An Effective tool to develop open, inspired prepared and enriched minds

and

Seamlessly integrate IPR in Technical Education
IPR Mediated Education System

Educational Institution

Teaching learning process

Qualified Student

Job Opportunities
In diverse companies

Higher Education
Entrepreneur

Evaluation

No SYLLABUS

No EXAM

IPR is an embedded TOOL

IPR LITERATE
Enriched Human Resource

Educated Student

Theory

Practical

Project

Syllabus

Student

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