

**TechEx.in** Tech Transfer Hub  
 at National Centre  
 Sponsored by NBM, BIRAC

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**nbm** **birac** **VENTURE CENTRE**

Services | Assessment & Training | Resources & Expertise | Networks

TECHEx.in aims to

Help technology developers and technology entrepreneurs  
 create the right business models, build partnerships, and advance the  
 technology about to the market in a win-win partnership.

Service Offered

Policy, institutional mechanisms and cluster effort support for R&D agreements for innovation management	Industry-academia technology commercialization mechanisms, contract management	Technology transfer and structuring, agreements, regulations, agreements, management
Intellectual Property Protection & Technology Marketing	Spin-off and New Venture Creation	Incubating startups, open innovation, entrepreneur support



**TechEx.in** **VENTURE CENTRE**

## Session 1: Models and examples of industry-academia engagements

Workshop  
 11-12 Dec 2023  
 Pune

**VENTURE CENTRE**

- ◆ Technology
- ◆ Innovation
- ◆ Enterprises

Seeding Tomorrow's  
 Enterprises Today

To nucleate and  
 nurture technology  
 knowledge-based  
 enterprises

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# IP Portfolio

## INTELLECTUAL PROPERTY RIGHTS

- Patents
- Trade Marks
- Designs
- Copyright
- G.I.
- IC Layouts,
- Domain names
- Tradenames

## QUASI INTELLECTUAL PROPERTY RIGHTS

- Confidential Information
- Know How
- Trade Secrets
- Trade Dress
- Unfair Competition
- Goodwill
- Tradelist





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CENTER

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◆ Innovation  
◆ Enterprise

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Enterprises Today

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ers of technology commercialization

Service

Industry Academia technology partnership mechanisms, contract management	Technology deal structuring, agreements, valuations, negotiations, agreement management
Spin off and New Venture Creation	Technology scouting, open innovation, investment support

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Contact: TechEx.in @ Venture Center  
 on Park, Dr Homi Bhabha Road, Pashan, Pune – 8,  
 410045654 | Email: tt@venturecenter.co.in



SAVE ENERGY  
 Turn off lights when you leave the room

Caution before leaving the room  
 Turn off lights when you leave the room  
 Turn off the power and the water supply  
 Turn off the water supply when you leave the room  
 Turn off the water supply when you leave the room  
 Turn off the water supply when you leave the room

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and technology commercialisation  
 closer to the

academia  
 technology  
 partnership  
 mechanisms,  
 contract  
 management

deal structuring,  
 agreements,  
 valuations,  
 negotiations,  
 agreement  
 management

Spin off and New  
 Venture Creation

Technology  
 scouting, op  
 innovation  
 investment su

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Technology  
Partnership  
Mechanisms,  
Contract  
Management

Technology trans  
deal structuring,  
agreements,  
valuations,  
negotiations,  
agreement  
management

and New  
Creation

Technology  
scouting, open  
innovation,  
investment support

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HELP CONSERVE ENERGY  
TURN OFF LIGHTS WHEN LEAVING



CHANGING BATTERIES IN THE LAMP  
PLEASE USE THE RIGHT TYPE OF BATTERIES  
PLEASE DO NOT REMOVE THE BATTERIES FROM THE LAMP  
PLEASE DO NOT TOUCH THE BATTERIES WITH YOUR HANDS  
PLEASE DO NOT TOUCH THE BATTERIES WITH YOUR HANDS

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nucleus on, nuclei for transformation (N3)

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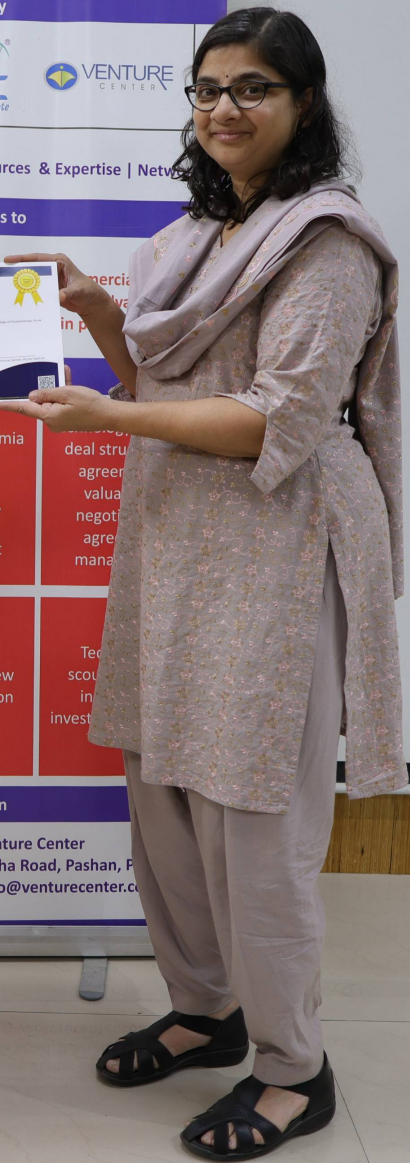
**CERTIFICATE OF PARTICIPATION**  
This certificate is awarded to  
**Dr. Diptee Bhole**  
for her participation in the TechEx.in program.

Industry-academia technology partnership mechanisms, contract management

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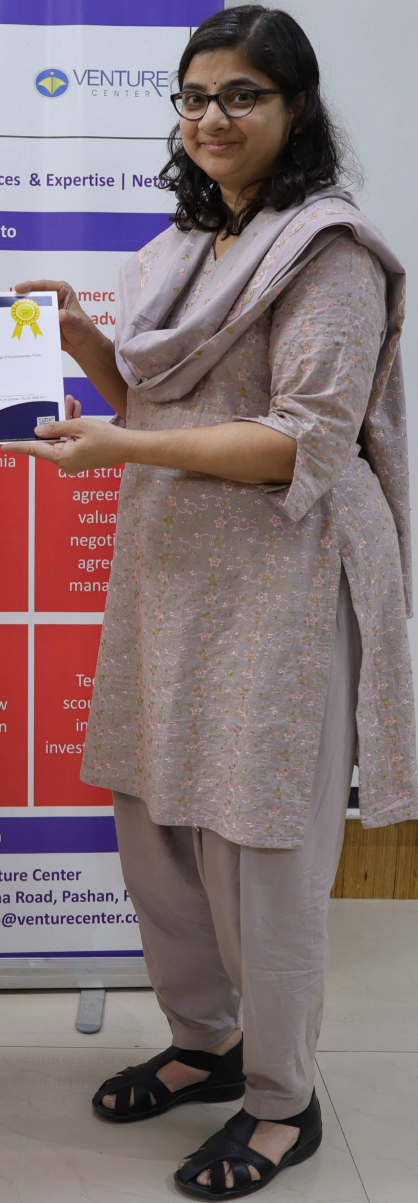


Industry- academia  
technology  
partnership  
mechanisms,  
contract  
management

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HELP CONSERVE ENERGY  
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Check the electrical fire door  
Close off right at once  
Close off window and the upper floor  
Close the window  
Close the door  
Close the door

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This certificate is awarded to  
**Dr Rutuja Kowale**

Industry-academia technology partnership mechanisms, contract management

Technology deal structure, agreement valuation, negotiation, agreement management

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HELP CONSERVE ENERGY  
TURN OFF LIGHTS WHEN LEAVING



Checklist before leaving building  
Turn off all lights, fans and AC  
Close all windows and doors  
Lock all windows and doors  
Turn off the main & branch of all lines  
and cables and check for any other  
work to be done  
Thank you

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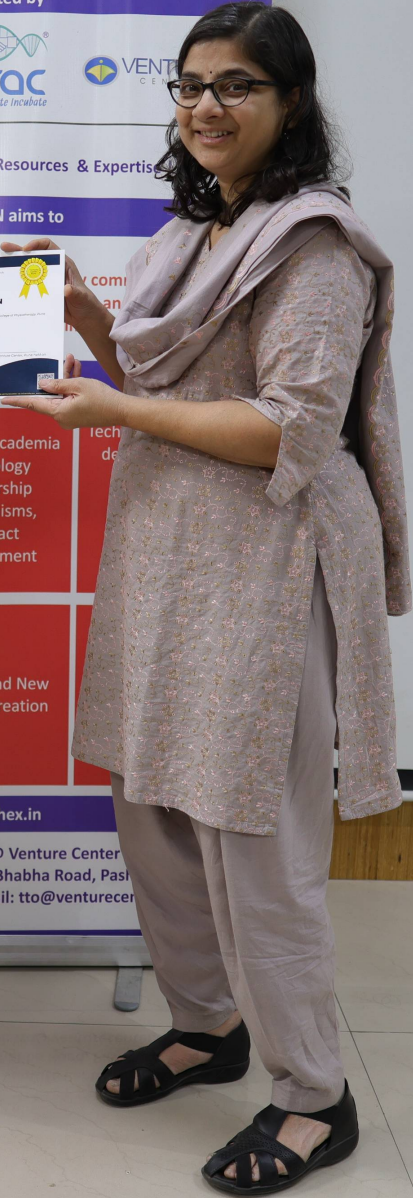
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- Intellectual Property Protection & Technology Marketing
- Spin off and New Venture Creation

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technology developers, technology

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management

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Protection &

Technology

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Industry

technology

partnership

mechanisms,

contract

management

Intellectual Property

Protection &

Technology

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Industry

technology

partnership

mechanisms,

contract

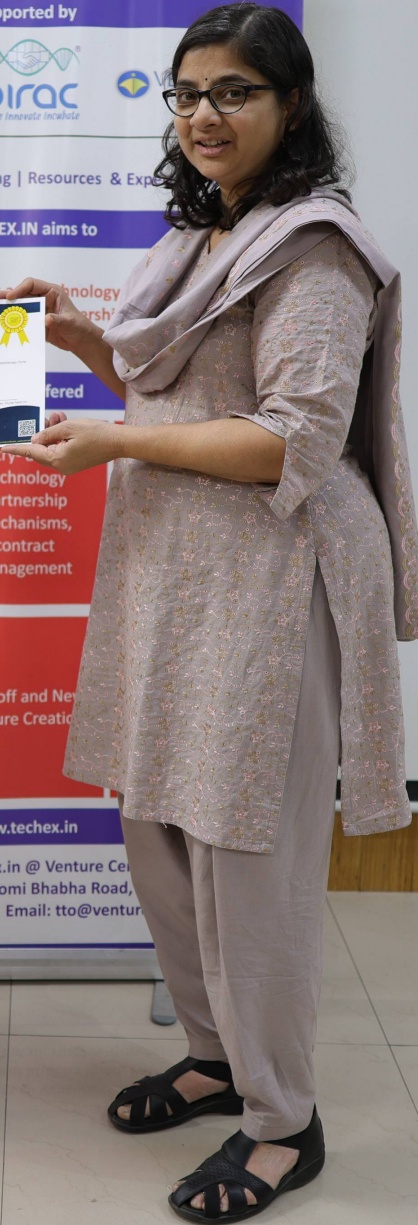
management

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Help tech-startups, scale-ups, and established technology partners!

**CERTIFICATE OF PARTICIPATION**  
Dr. Apoorva Likhite

Institutional mechanisms and shadow office support for R&D organizations for innovation management

Industry-academia technology partnership mechanisms, contract management

Intellectual Property Protection & Technology Marketing

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Checklist before leaving the room  
Turn off all lights, fans and AC.  
Check if any equipment is left behind.  
Close the window if opened.  
Do not leave any personal belongings unattended in the room.  
Thank you!



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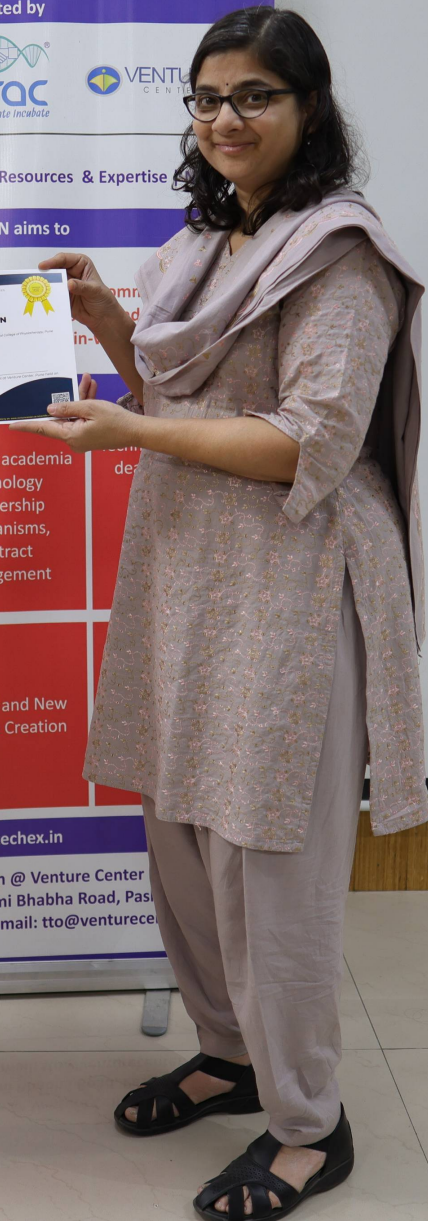
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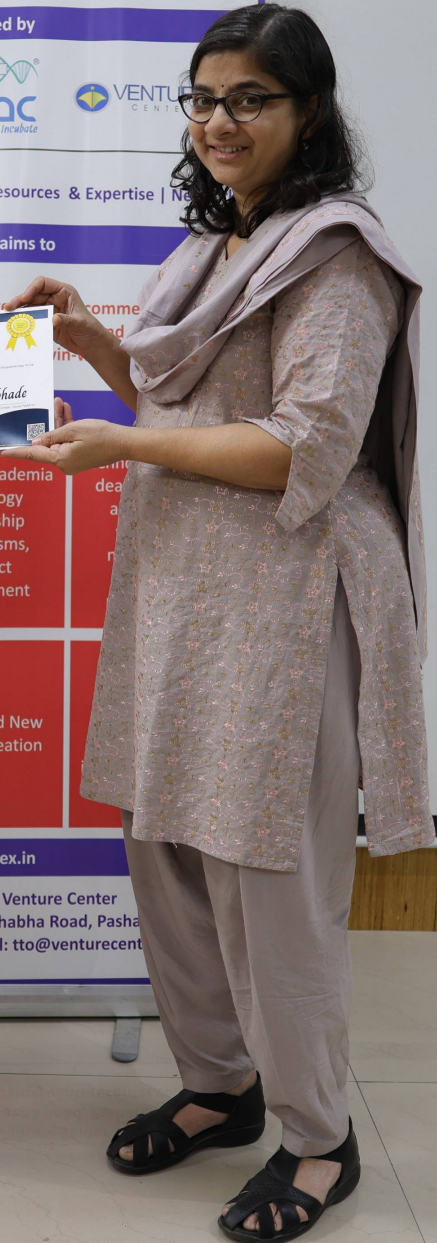


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TECHEX.IN aims to

Help technology transfer from academic and research institutions to commercial and industrial organizations



and  
support office  
support for R&D  
organizations for  
innovation  
management

Industry- academia  
technology  
partnership  
mechanisms,  
contract  
management

Intellectual Property  
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Marketing

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- ◆ Enterprise

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create and  
technology and  
edge-based  
prises

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CE

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Enterprises

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Handwritten notes on a whiteboard, including a list of items and a small diagram.

Documents, a smartphone, and a blue pen on a round table in the foreground.

Documents, a smartphone, and a yellow cup on a round table in the foreground.





## Types of Businesses

- 'foresight' businesses in a fast changing world: Need to get there fast!  
(Darling of VCs)
- Life style businesses. (Usually, self financed)
- Established revenue models. Predictable (Darling of banks)
- Multiple bottom lines (Darling of impact investors)



- ◆ **Technology**
- ◆ **Innovation**
- ◆ **Enterprise**

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Network  
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Startups  
and  
Entrepreneurs  
in  
India

Whiteboard with handwritten notes and diagrams.

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◆ **Innovati**  
◆ **Enterpr**  
**Seeding Tomorrow's  
Enterprises Today**  
To nucleate and  
nurture technolo  
knowledge  
enterpr



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Whiteboard with handwritten notes and diagrams.

15:25  
Wednesday, 10/01/2018

World Entrepreneurship Education, Bangalore Centre  
 100, 102, Anandapada Road  
 10, 10th Cross, 10th Block  
 Malleshwara, Pune - 411006  
 Web: www.venturacenter.org  
 Phone: +91 20 2686477  
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- ◆ Enterprise

Seeding Tomorrow's Enterprises Today

To nucleate and nurture technology enterprises

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GO TechnoExim  
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Whiteboard with handwritten notes and diagrams.

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Supporting

mbm binc

www.techEZ.in

Whiteboard with handwritten notes and diagrams.

15:36  
Wednesday, 13 December

Projected video showing people at a table.

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## MANAGEMENT OF IP

**Identify & Assess** → **Protect (Patent, Trademark, Copyright)** → **Enforce & Defend** → **Commercialize (Licensing, Sale, Franchising)**

In-house databases & reminders    Prioritizing Research & Development  
 Budgeting & Costing    IP Office Responses & Decisions  
 Documenting    IP Due Diligence (M&A)  
 IP Due Diligence (M&A)    Maintenance & Annual Renewals



**IP Portfolio**  
 IP Strategy  
 IP Management

Handwritten notes on a whiteboard, including the words 'IP Strategy' and 'IP Management'.

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Project Statement and Goals

1. Develop a comprehensive business plan

2. Identify potential investors and partners

3. Secure funding through various channels

4. Establish a strong brand identity

5. Implement a robust marketing strategy

6. Monitor and evaluate progress regularly

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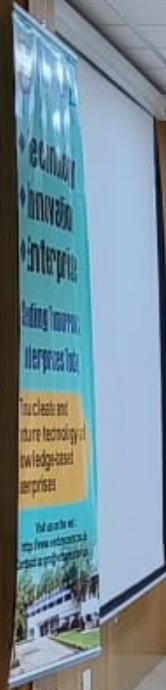
## Problem Statement and Solution

### Problem

1. Usage of smart phone has increased dramatically since the last decade.
2. Almost 60% individual experience thumb pain.
3. The pain is mostly attributed to malaligned posture.
4. The muscles of hand sustain minor trauma and get fatigued.

### Solution

1. Reduce the strain on the muscles.
2. Reduce gripping force.
3. Allow user functional copy of motion.
4. Provide support to hand.



To design an arm ergometer which is cost effective, portable, user-friendly and has advanced features.

## Methodology:

Prototype 1

Prototype 2

Final Design



Technology  
Innovation  
Enterprise  
Building Innovation  
Strategy  
Nucleus

Several sheets of paper or documents are pinned to the wall behind the podium.



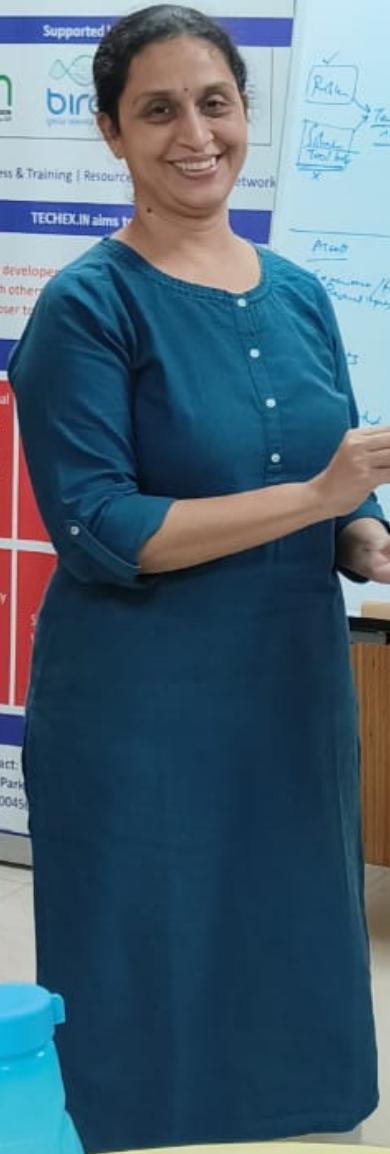
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TECHEX.IN aims to  
Help technology developers  
and entities find each other  
and bring technology closer to  
the market

Policies, institutional  
mechanisms and  
shadow office  
support for R&D  
organizations for  
innovation  
management

Intellectual Property  
Protection &  
Technology  
Marketing

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Help technology developers and technology commercial entities find each other | Forge partnerships and advance technologies to the market in a win-win partnership

Intellectual Property Protection & Technology Marketing | Spin off and New Venture Creation | Technology Investment

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Mission

- IP
- Commercialization
- IP Tailor
- IP SA
- Indian pro (creation)
- Funding
- Validation?
- Ecosystem gaps
- Knowledge
- Equip
- Resources
- Partners

Area

- Superior Value
- Patent Rights
- Patent
- Data
- Clinical study
- Regulatory
- Funding

Handwritten diagrams and notes on the whiteboard include:

- Patent → Tech. Info
- Value Transfer
- Handwritten notes: "Tech. Info", "Value Transfer", "Handwritten", "Value Transfer", "Analysis"

