



# Planning and Managing Pre-incubation support in HEI and Resource Mobilization Strategy

**MOE's Innovation Cell,  
Govt. of India**



**Yogesh Brahmankar**

**CEO**

**Symbiosis Centre for Entrepreneurship & Innovation**

# What is Entrepreneurial Mindset?

Curious &  
observant

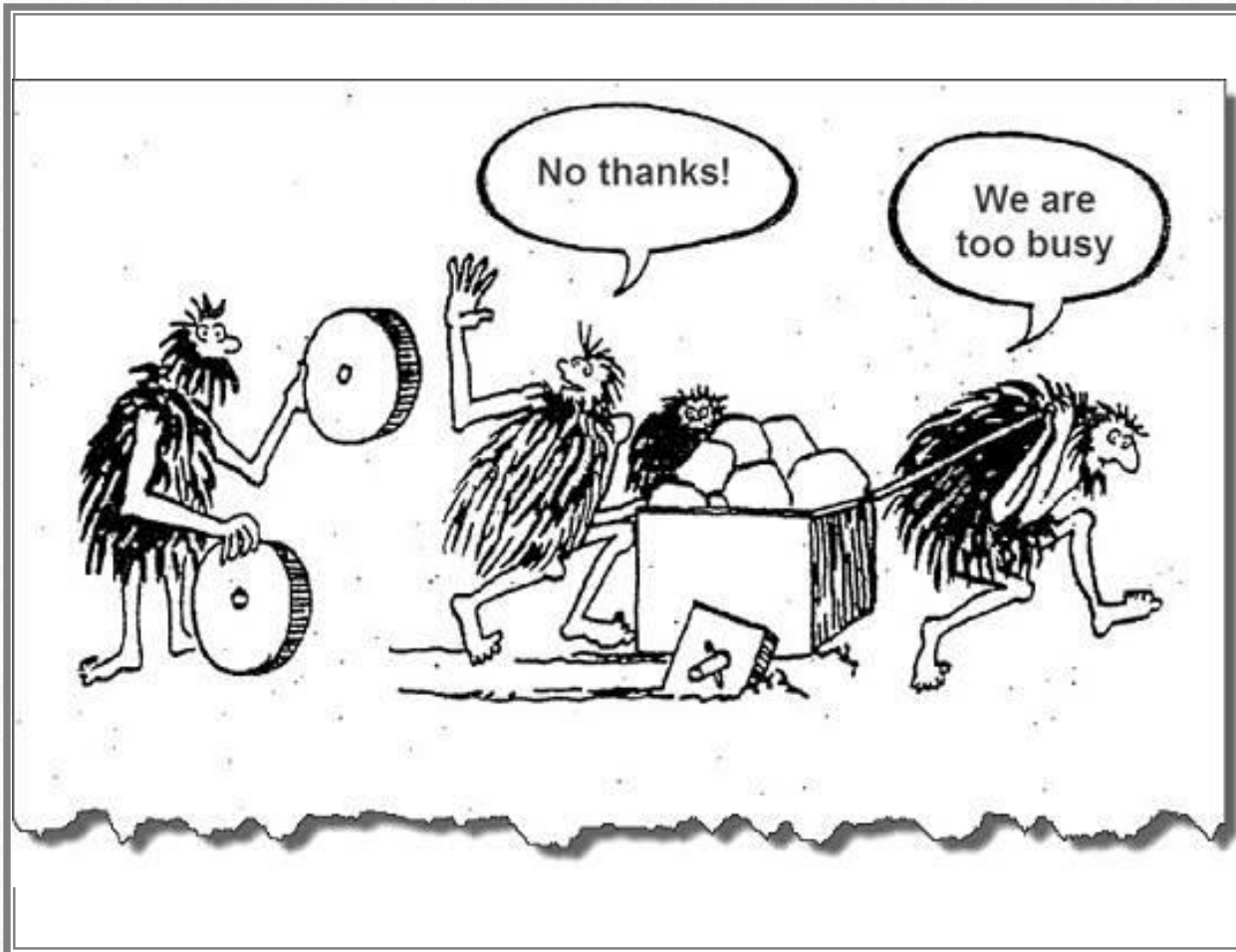
Moderate Risk  
Taker

Ready to  
Experiments

Gets disturbed  
by Problems  
around

Gathers Team  
Support

Problem  
solving  
attitude



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**Higher Education  
Institutes need to a  
develop new perspective**



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**We need to become  
Innovators &  
Intrapreneurs to make this  
Change happen**

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"Intrapreneurs are the 'dreamers who do', those who take hands-on responsibility for creating innovation of any kind within an organization."

**-GIFFORD PINCHOT III**

## Expect New Outcomes only by Trying New Things

- ✓ Promoting Entrepreneurial Mindset and a culture of Experimentation
- ✓ Making the students aware that mistakes are acceptable
- ✓ Allocation Time & resources for experimenting / iterating / executing on new ideas.



# Entrepreneurial Ecosystem



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(Adopted from: Isenberg, 2011)

# Key Areas of NISP

**Strategies  
and  
Governance**

**Nurturing  
Innovations  
and Startups**

**Organizational  
Capacity,  
Human  
Resources And  
Incentives**

**Product  
Ownership Rights  
For Technologies  
Developed At  
Institute**

**Startups  
Enabling  
Institutional  
Infrastructure**



# Key Areas of NISP

Creating  
Innovation  
Pipelines And  
Pathways For  
Entrepreneurs At  
Institute Level

Pedagogy And  
Learning  
Interventions For  
Entrepreneurship  
Development

Collaboration,  
Co-creation,  
Business  
Relationships  
And Knowledge  
Creation

Norms For  
Faculty  
Startups

Entrepreneurial  
Impact  
Assessment



## **Human Capital:** NISP Area: Pedagogy And Learning Interventions For Entrepreneurship Development

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### **Human Capital**

- ❖ Curriculum Development
- ❖ Experiential Learning
- ❖ Projects
- ❖ Live Projects in Campus linked to Academics

## **Entrepreneurial Networks:** NISP Area: **Collaboration, Co-creation, Business Relationships And Knowledge Creation**

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### **Customer & Entrepreneurial Networks**

Customers

- ❖ Internships with Start-ups
- ❖ Mentoring by Entrepreneurs
- ❖ Alumni Entrepreneurs' Network
- ❖ Prototyping and Pilot Support



## **Infrastructure:** NISP Area: Start-ups enabling infrastructure

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Non-governmental  
stakeholder and  
infrastructure

- ❖ Creative Workplace
- ❖ Entrepreneurship Cell
- ❖ Pre-incubation lab/ Tinkering labs
- ❖ Prototyping labs/ research labs



## Creating Innovation Pipelines And Pathways For Entrepreneurs At Institute Level

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### Innovation Pipelines and Pathways

- ❖ Mentoring on Market research, Societal problems
- ❖ Linking curriculum/ projects to 17 SDGS of United Nations
- ❖ Collaborations
- ❖ Motivation & Support for registration of IPR

## **Financial Support:** NISP Area: **Organisational Capacity and Incentives**

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### **Financial Support**

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- ❖ **Strong Alumni Network**
- ❖ **Ecosystem Collaborations**
- ❖ **Competitive Seed Funding**
- ❖ **Prototyping equipment support ( SME Tie-ups)**

# What's in it for Faculty Members

- ❖ Apply for Research Grant with specific Thrust area
- ❖ Capacity Building- Other Incubators, Trainers, ISBA, Become Innovation Ambassador
- ❖ Innovation Grants- NSTEDB, DST, AGNII, MEITY, SPARC .
- ❖ Opportunity for to Become co-founder, Patent Innovations
- ❖ NATION BUILDING – NOBLE WORK





# Discussion

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**Thank you**