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Permanently Affiliated to Savitribai Phule Pune University Vide Letter No. : CA/1542 & Approved by AICTE New Delhi - Vide Letter No. : 740-89-32 (E) ET/98 AISHE Code - C-41622

National Innovation and Startups Policy (NISP)

30-9-2022

1. Entrepreneurial Ecosystem:

“The Entrepreneurial Ecosystem is a set of different individuals who can be potential or existing Entrepreneurs, organizations that support Entrepreneurship that can be businesses, venture capitalist, business angels, and banks, as well as institutions like universities, public sector agencies, and the entrepreneurial processes that occur inside the ecosystem such as the business birth rate, the number of high potential growth firms, the serial entrepreneurs and their Entrepreneurial ambition.”

- Entrepreneurial Ecosystem is a blend of social, economic, cultural, and political components within a region.
- Entrepreneurial Ecosystem can be created with the help of various elements to support and develop which is helpful to grow the business startups that are being commenced in a region
- Entrepreneurial ecosystem is nature or nurture. It means that such an ecosystem is a result of some natural (businesses & infrastructure) developments or can it be designed intelligently.

2. Start Up Policy:

Start Up Policy: The government of a country deliberates a system of principles to guide decisions and to achieve rational outcomes through encouraging the people to commence a start up.

- The Government of India has announced 'Startup India' initiative for creating a conducive environment for startups in India. The various Ministries of the Government of India have initiated a number of activities for the purpose.
- Startup expects government to create 3-4 startup hubs in Indian region where there is free flow of capital and talent from across the world.

- India has enough entrepreneurship zeal but lacks funding opportunities. The entrepreneurs expect Government to act as a facilitator for the upcoming startups by giving an access to seed funding and also develop incubation centers for new ideas.

3. Innovation:

Innovation is the specific tool of entrepreneurs, the means by which they exploit change as an opportunity for a different business or a different service. It is capable of being presented as a discipline, capable of being learned, capable of being practiced.

- It is important to be clear about the difference between invention and innovation. Invention is a new idea. Innovation is the commercial application and successful exploitation of the idea.
- Innovation and creativity walk hand in hand when we talk about entrepreneurship.
- The successful exploitation of new ideas is crucial to a business being able to improve its processes, bring new and improved products and services to market, increase its efficiency and, most importantly, improve its profitability.

4. Technology Transfer:

After a new idea or invention with commercial potential is discovered, technology transfer, also known as Tech Transfer or T2, is the process that allows others to legally practice the invention as a commercial product, usually through a patent license or invention license.

- Technology transfer is the business process that allows an idea to mature into a new product.
- Technology transfer is the first step that knowledge and discoveries take on the path to becoming a product or service for the general public.
- The start ups and businesses develop the ideas into products or services, which in turn creates jobs and sustains a nation's competitive advantage in the global marketplace.

5. Sustainable Business Models

A sustainable business model is one whose purpose and actions are equally grounded in financial, environmental and social concerns.

- A sustainable business model is one that generates value for everyone involved without being a drain on the resources that help create it.
- A sustainable business model is what every business leader hopes to achieve: that the business will turn a profit quickly and stay afloat for the long term.

- By Building your business on belief, embracing the change, focusing on creating value proposition, and on constant reinvention, one can build a sustainable business model.

Annexure I :

NDMVPS'S KARMAVEER BABURAO GANPATRAO THAKARE COLLEGE OF ENGINEERING NASHIK - NISP - IMPLEMENTATION- ACTION PLAN								
Annexure –I: Action Plan:- Planned Programs, Activities, Budget Allocation, and Annual Targets								
I&E Policy Objectives	Thrust Area	Planned Intervention: Program/Activities (Input)	Unit of Measurement (KPIs)	Current Status (Baseline Value)	Budget Allocation /Collaboration (Resource/Source)	Annual Targets (Process/Output)		
						Year 1	Year 2	Year 3
Objective 1:	Increasing awareness in Innovation and Entrepreneurship initiatives of Ministry of Education (MOE)	Institute Innovation council exploration with ED Cell, IIC Cell and R&D Cell	Use of innovation in teaching-learning process through theory, practical, seminar and projects	Nil	IIC/ Research and Development Cell and ED Cell	1	1	1
Active participation in Entrepreneurship development and start-up activities								
Orientation on NISP (National Innovation Start-up Policy)	IIC and ED Cell							
Objective 2: Interactive entrepreneurship invited talks	Developing innovative and entrepreneurial mindset through series of activities	Orientation for Students and Faculty by arranging invited talks on Innovation and Entrepreneurship	Number of invited talks on Innovation / Entrepreneurship by owners of small or medium scale entrepreneurs	5	IIC/R and D and ED Cell	5	5	5
Objective 3: To get attached with nearest incubation facility	Technology based industrial and social complex engineering problem solving	Explore existing Infrastructure and industry resources to support innovation and Entrepreneurship	Number of industry and social problem solved using technology/ engineering	2	Institute Head/ Dean R and Dean	2	3	4
Objective 4: Set up an IPR cell and provide IPR support	Intellectual Property Generation and Commercialization	Talks on filing of Patents	Number of patents filed and granted by students and faculties with Institute as applicant during current Financial year	3*	IPR Cell/ R and D Cell and IIC	3	4	5

* Patents by faculties.

MVPS's KARMAVEER BABURAO GANPATRAO THAKARE COLLEGE OF ENGINEERING- NISP - IMPLEMENTATION - TIMELINE									
Annexure –2: Timeline and Progress Tracking Sheet									
I&E Policy Objectives	Thrust Area	Planned Intervention: Program/Activities (Input)	Responsibility Unit/Dept./ Person In charge	Timeline (Academic Year 2022-23)					
				Year 1 Quarter 1	Year 1 Quarter 2	Year 1 Quarter 3	Year 1 Quarter 4	Year 2	Year 3
Objective 1:	Increasing awareness in Innovation and Entrepreneurship initiatives of Ministry of Education (MOE)	Institute Innovation council exploration with ED Cell, IIC Cell and R&D Cell							
Active participation in Entrepreneurship development and start-up activities		Idea / prototype Competition	ED Cell, IIC/R&D Cell						
		Orientation on NISP (National Innovation Startup Policy)	IIC , R&D Cell, IIC Cell						
Objective 2: Interactive entrepreneurs hip invited talks	Developing innovative and entrepreneurial mindset through series of activity	Orientation for Students and Faculty by arranging invited talks on Innovation and Entrepreneurship	IIC						
Objective 3: To get attached with nearest incubation facility	Technology based industrial and social complex engineering problem solving	Explore existing Infrastructure and industry resources to support innovation and Entrepreneurship	Institute Head						
Objective 4: Set up an IPR cell and provide IPR support	Intellectual Property Generation and Commercialization	Increase the number of Patents Filed and Published	IPR Cell/R&D Cell						

Version 2: 30 Sept. 2022

Copy sent for humble kind information, circulation and feedback to

1. Respected Principal and Honorable Management Representative through Hon. Principal, Registrar and Vice Principal
2. Dean R&D, Dean Alumni, Dean Academics, Coordinator ED Cell, Coordinator IIC (Institute Innovation Council)
3. All honorable advisory board members of industries
4. All department heads for further sharing with stake holders, students and parents

In gratitude

NISP Coordinator