



## IPR, Legal & Ethical Matters Cell

### Invention Disclosure Form (Patent)

<b>1. Title of invention:</b>					
<b>2. Details of applicant(s):</b>					
Full Name	Designation & Department Affiliation	Citizenship	Address	Telephone and Email	Nature of Contribution
<b>3. Details of inventor(s):</b>					
Full Name	Designation & Department Affiliation	Citizenship	Address	Telephone and Email	Nature of Contribution
<b>4. Stage of Invention</b>	Only Hypothesis <input type="checkbox"/>	Preliminary experiments <input type="checkbox"/>	Proof established <input type="checkbox"/>	Invention is completely ready <input type="checkbox"/>	
<b>5. Types of Application</b>	Provisional Application <input type="checkbox"/>	Complete Application <input type="checkbox"/>	Others <input type="checkbox"/>	If already filed, please give Patent No. and date	
<b>6. Funding resource (Please Mention)</b>	Seed Money <input type="checkbox"/>	Government Agency <input type="checkbox"/>	Public Private Partnership <input type="checkbox"/>	Other(s) <input type="checkbox"/>	
<b>7. Any pre-existing agreement signed</b>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	If 'Yes' please enclose the copy		
<b>8. Patentability search Done</b>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	If 'Yes' please enclose the copy		
<b>9. Potential market area of your invention</b>	Pharmaceutical	<input type="checkbox"/>	<b>10. Focus group of your invention</b>	Pharma Industry	<input type="checkbox"/>
	Chemistry	<input type="checkbox"/>		Chemical Industry	<input type="checkbox"/>
	Biotechnology	<input type="checkbox"/>		Agri Industry	<input type="checkbox"/>
	Agriculture	<input type="checkbox"/>		R & D platform	<input type="checkbox"/>
	Electrical	<input type="checkbox"/>		IT Industry	<input type="checkbox"/>
	Mechanical	<input type="checkbox"/>		Food Industry	<input type="checkbox"/>
	Computer sciences related	<input type="checkbox"/>		Consumer	<input type="checkbox"/>



	Others (specify)			Others (specify)
<b>10. Do you require any fund for developing your invention (mention if you have requested anywhere)</b>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Any Other	
<b>11. Any provision/agreement with funding source to share IPR charges Specify</b>				

### Undertaking

Hereby I/we accept that this is a novel finding of my/our group for which I/we take total responsibility of the ownership. I/We also admit that this part of work is not published, presented in any conference, and/or abstracted in print or electronic media. All the information given above is true to the best of our knowledge.

☐ By checking this box hereby I/we accept the responsibility for electronic transmission of record

### Name and Signature with Date

(With original signature please send the application to IPR Cell for decision)

S. No.	Applicant(s)	Signature with Date
1		
2		
3		
4		
5		
S. No.	Inventor(s)	Signature with Date
1		
2		
3		
4		
5		

Please attach the following documents:

**For Provisional Specification** (Check the box to indicate the enclosure)

- ☐ Brief Abstract of Invention (within 500 words)
- ☐ Field of the invention
- ☐ Objectives of the invention
- ☐ Novel features of the invention
- ☐ Advantages over other known alternatives worldwide
- ☐ Any Pre-existing agreement with any funding agency (if applicable)
- ☐ Key words



**For Complete Specification** (Check the box to indicate the enclosure)

☐ **Field of the invention:** Provide Scope of invention and subject matter of invention. It is required for classification of patent.

☐ **Background of the Invention:** Please write a brief background of the technology on which the invention has been made. a) Existing state-of-art (Give full details, include research papers or patents depicting prior art), b) Drawbacks in existing state-of-art & how the drawbacks have been overcome by your invention.

☐ **Problem solved:** What are the existing problems of the technology that invention proposes to solve? Have any previous attempts been made to solve these problems? **Yes/No.**

If **YES**, how and by what means and what are their drawbacks/deficiencies?

How invention proposes to overcome the above-noted problems?

Explain the novelty of the present invention and provide novel features of the invention in bullet format.

☐ **Objectives of invention?** Technical/Economical advancement of the invention compared to existing (Comparative analysis).

☐ **Summary of the invention:** Give broad overview of invention that may include purpose of invention, problem statement & advantage offered by the invention. Briefly provide the salient features of invention, unique selling points (USP).

☐ Drawings/Diagrams neatly labelled.

☐ Does your invention relate to an Apparatus/Device/System; Method/Process; Formulation/Composition; or a combination of the above? **Please specify.**

☐ **Detailed description:** It includes working of the invention. The detailed description should be accompanied with diagrams; drawings neatly labelled and must be related to the description.

**a. For the invention being a 'novel' process/method steps:** Please list down all the process/method steps and discuss the listed steps in detail including all the process parameters. Please provide a detailed description of how your invention operates when all the process/method steps are executed. Most importantly, please explain how these steps when executed to achieve beneficial results like synergistic effect, yield, etc. with respect to the known processes.

**Note: Please attach drawings and flowcharts explaining the process/method steps. Provide experimental data and/or graphical data (if available) in support of the obtained beneficial results.**

**b. For the invention being a 'novel' Apparatus/Device/System:** Please list out the various components and technical features of the Apparatus/Device/System. Please explain the functions of the components and technical features, establish their connectivity with each other, and explain operation of the device/apparatus/system.



**Note: Please attach drawings, photographs and diagrams of the actual device or prototype, including computer generated prototypes. Please ensure that side, front, top bottom, and perspective isometric views of the device/prototype is provided.**

**c. For the invention being a 'novel' Formulation/Composition:** Please list out the various components and constituents of the Formulation/Composition. Please mention concentrations/range of concentrations of each of the components and constituents and explain working of the invention by describing how the various components interact with each other. Most importantly, please explain how these components interact with each other to give a beneficial result i.e., synergistic effect, higher purity, lesser toxicity, etc. (Please attach additional sheets if the space provided herein is not sufficient)

**Note: Please attach relevant drawings. Provide experimental data and/or graphical data in support of the obtained beneficial results.**

- d. What are the novel features/steps of invention?**
- e. What are the advantages of invention?**
- f. What is the primary business or product application of your invention? Are there other business or product applications that might extend past your immediate focus?**
- g. What could be the possible Modifications/Alternatives of your invention, if any? Think yourself as a competitor of your invention.**
- h. Has the invention been made and/or tested? Please provide details of any working example(s) that you would have.**

☐ **Abstract of Invention:** Provide abstract within 150 words. Graphical abstract is optional.

☐ **Claims:** Provide minimum 3-4 claims that may include at least one independent and 2-3 dependent claims (optional\_ IPR expert will draft claims).