**INVENTION DISCLOSURE FORM**

This is Invention Disclosure Form (IDF), is the first step in the university’s process of identifying Patents. IDF should be treated as confidential until a patent application filed or invention is publically disclosed (for example via research paper). Accordingly it should be noted that the information provided in this IDF will be with university and patent expert team of the university.

**Applicant Name-Shree Guru Gobind Singh Tricentenary University**

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**Fill the detail below and provide maximum information for filing of patent application**

1. **Particulars of Inventors**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Mr./Ms/Dr. | Name (Full)  | Department | Designation | Mobile No. | Email | University Affiliation (e.g.*Name of Department, Name of Faculty*, SGT University, Gurugram, Haryana, India) |
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1. **Provide a brief descriptive title of the invention:**
2. **In 100 words or less, please provide an abstract or summary of the invention:**
3. **Detail description of the invention:( Answer to all below are required in detail)**
	1. **Problem the invention is solving**
	2. **General Utility/application of the invention**
	3. **Advantages of the invention disclosing about the increased efficiency/efficacy**
	4. **Best way of using the invention as well as possible variants**
	5. **Working of invention along with Drawing, schematics and flow diagrams if required with complete explanations**
4. **Have you conducted Primary Patent Search? Yes / No (if yes, attach the patent search report)**
5. **Existing state-of-the-art and prior arts: (Brief background of the existing knowledge/product/process in the market)**
6. **List out the known ways about how others have tried to solve the same or similar problems? Indicate the disadvantages of these approaches. In addition, please identify any prior art documentation or other material that explains or provides examples of such prior art efforts.**

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| S. No. | Existing state of art  | Drawbacks in existing state of art | Overcome (how your invention is overcoming the drawback) |
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1. **List the Technical features and Elements of the invention along with the Description of your invention from start to end.**
2. **List out the features of your invention which are believed to be new and distinguish them over the closest technology you are aware of.**
3. **Has the invention been built or tested or implemented? If so, please provide the particulars of the first time it was successfully built or implemented (when, where, by whom, and evidence of this event including written or on-line pointers to documentary evidence):All testing details**
4. **Briefly state when and how you first conceived this idea?**
5. **Have you sold, offered for sale, publicly used or published anything related to this invention? If yes, please briefly explain the dates and circumstances. List those individuals to whom you have revealed your invention. Were non-discloser documents signed prior to discloser in each case? Please state any deadlines of which you may be aware for filing an application on this invention.**
6. **Include any reasons that your invention would not have been obvious to someone of average skill in the art.**
7. **Additional comments by inventor (if you want to give more details out of scope of this IDF).**
8. **Drawings/Flowchart/Table**