Following information is required from applicant for drafting of patent application.

1. **Full name, nationality and address of applicant(s):**

|  |  |  |
| --- | --- | --- |
| **Full Name** | **Nationality** | **Address** |
| Vishwakarma Institute of Information Technology | Indian | Survey No. 3/4, Kondhwa (Budruk) Pune – 411048, Maharashtra (India) |

1. **Full name (including middle name), nationality, address (VIIT address), mail id, and phone number of inventor(s):**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Full Name (Including middle name) (Min. two faculty name)** | **Nationality** | **VIIT Address (Start with dept. name)** | **Mail ID** | **Phone No.** |
|  | IN | For ex. Department of Mechanical Engineering, Vishwakarma Institute of Information Technology, Pune |  |  |
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Inventor is the person who has invented the technology. You can add name of any person who has assisted you in the invention.

1. **Title of the invention:**

It must describe your invention in one sentence. (Not more than 15 words)

1. **Technical field of the invention:**

Ex. which stream of science or technology your invention is related to.

1. **Prior art:**

What is the existing technology available in the field relating to your invention and disadvantages in that technology which are overcome by your invention. You can take the applications found in prior art search and mention how your invention is advantageous than the mentioned application.

1. **Object:**

Reason and advantages of your invention over existing technology

1. **Synopsis:**

Brief summary of your invention (if it is a device what the device is? Components required for construction of the device. How the components are assembled for construction of the device)

1. **Brief description of drawings (if any):**

If any figures are given to describe the invention only numerals must be used on it and what numerals denote must be described here. (As per new amendment in patent law, please use common single numerals for denoting any specific component in every figure)

1. **Detail description of the invention:**

Describe in detail about the invention under this heading including any experimentation work carried out or validation study.

1. **Best method of performance of the invention:**

Preferably in one to two paragraphs mention the process in which invention is performed by giving example. (Actual practical working steps of your invention)

1. **CLAIMS:**

Mention specific features of your invention which you need to protect.

1. **Inventive step of your invention:**

Highlight what are the innovative features of your invention which makes your invention different than present technology. (For patentability, your invention must achieve either technical advantage over existing technology or it must reduce the cost of existing technology. Mention **HOW** this advantage is achieved by your invention)

1. **Industrial application:**

In which field or purpose your invention is useful?

1. **Abstract:**

Basic idea about your invention in one paragraph

1. **Drawings:**

Drawings must not be labeled anywhere. Only numbers must be used to denote any part and what the numbers denote is to be mentioned in brief description of drawings.