



**Goa – Center for Excellence in Intellectual Property (G-CEIP),  
Panaji, Goa INDIA**

**&**

**Goa College of Pharmacy, Panaji, Goa INDIA**

**PRESENTS**

***Comprehensive and Interactive***  
**PROFESSIONAL ADVANCEMENT PROGRAM**

**Intellectual Property Rights (IPR):  
A Macroscopic Understanding of Patent(ing) and Beyond !**

**Duration: 5-Days**

**Lead Instructor:**

**Umesh Banakar, PhD,  
Professor and President,  
Banakar Consulting Services,  
Westfield, IN 46032 USA**

**Instructor/Coordinator:**

**Prof. Rajashree Gude, PhD,  
Goa-Center for Excellence in Intellectual Property (G-CEIP),  
Panaji, Goa INDIA**

**Instructors:**

**Mr. Chandrasekhar, N.S., PhD  
Manager – Business Development  
Gangwal Pharmaceuticals Pvt. Ltd.,  
Mumbai, Maharashtra, INDIA**

**Prof. Shaber Ali, LL.M, PhD  
Salgaokar College of Law  
Panaji, Goa, INDIA**

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**PREFACE**

Intellectual Property [IP] refers to creations of the mind, which include, but not limited to inventions. In general, IP is divided into two categories: Industrial Property includes patents for inventions and Copyrights which are creations related to literature, such as manuscripts, novels, etc., and fine arts, such as plays, films, and the like. There are several compelling reasons to promote and protect IP through an efficient and an equitable IP system. However, it is crucial that the scientists – generators of IP – understand the numerous facets of IPR within the domain of patent – one of the critical categories in IPR.

Starting with the fundamentals as well as the nuances of the techno-legal considerations associated with assessing and translating their research findings into intellectual property worth protecting by securing a ‘patent’. Additionally, the researcher must be aware of means and measures undertaken to rationalize and justify research findings leading to granting of a patent, i.e., what it takes to write a claim !

While Start-up is defined as the act or an instance of setting in operation or motion, Entrepreneurship is the process of designing, launching, and running a new operation (business). Entrepreneurial spirit is characterized by innovation and risk-taking, among others. The IP generated by Startups need to be protected while nurturing the entrepreneurial spirit will provide the necessary motivation to translate invention into viable products thus spurring economic growth, creating new jobs and industries. A comprehensive understanding of the role of IP while setting up Startups thus nurturing the entrepreneurial spirit is essential.

Any patent issued by a Patent Office has a well-defined life of enforcement. While the term of life for any patent remains unchanged, the perspectives in case of a scientific patent revolve around the technical *et* technological aspects associated with the invention. It can be argued that a generic version of the invention (innovator product) can be prepared and submitted for marketing authorization to the regulatory authorities provided the patent for the invention has

expired and that the generic version does not *infringe* the live patent as of a given date or the (invention) patent is *invalid*. However, the decision as to whether a generic version, in such an instance, is truly not infringing the existing patent is often a matter of dispute between the inventor and the generic companies. Such disputes, often, are a matter of interpretation of a claim(s) or direct infringement of a claim. Thus, an understanding of the means and measures to protect the IPR (patent) is imperative.

Last but not the least, road to sustainable prosperity goes through IPR ! The IP data collected via traditional and advanced ways should effectively vetted and analyzed by investing is a 10Cs approach. Thus, IP intelligence can be accomplished which is a prerequisite for gaining competitive intelligence.

This 5-Day intensive and interactive presentation will focus on providing a comprehensive yet macroscopic understanding of the entire domain of patent(ing) and beyond. The information will be presented in simple and understandable terms and terminology interspersed profusely with case studies with the expectation that the participants will be motivated to pursue a career in IP in their respective disciplines.

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**DAY 1**

Understanding Basics of Intellectual Property for Scientists

**DAY 2**

Securing a Patent: *What it takes to draft a Claim*

**DAY 3**

Start-up and Entrepreneurship: *Role of Intellectual Property [IP]*

**DAY 4**

IPR: *Techno-legal Journey – Scientist Perspective*  
Protection of IPR: *Strategies, Challenges and Solutions: Part I*

**DAY 5**

Protection of IPR: *Strategies, Challenges and Solutions: Part II*  
Comprehensive Understanding of IPR

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