



## 10<sup>th</sup> Pune Inventors Network (PIN)

Half day workshop on

**“CHALLENGES FACED BY BIOTECH/BIOPHARMA/PHARMA PATENT APPLICATIONS AND STRATEGIES TO OVERCOME THE CHALLENGES”**

- Organized by IPFACE, Venture Center

<b>LEARN</b>	<ul style="list-style-type: none"> <li>• Case studies on exclusion categories in the Indian Patent Law</li> <li>• Strategies that MNCs are following if they do not get their patent granted</li> <li>• Indian Scenario and International Scenario on Pharma Patenting</li> <li>• Role of Biodiversity Act in grant of patents</li> </ul>
<b>ORGANIZED BY</b>	<ul style="list-style-type: none"> <li>• IP Facilitation Center (IPFACE), Venture Center</li> </ul>
<b>SUPPORTED BY</b>	<ul style="list-style-type: none"> <li>• Venture Center</li> <li>• BIRAC supported BioIncubator and the Biotech Ignition Grant Partnering programme at Venture Center</li> </ul>
<b>FOR WHOM</b>	<ul style="list-style-type: none"> <li>• Research/ Science Managers/ CTOs/ CSOs in Research/ Technology Organizations/ Companies</li> <li>• Technology/IP Managers/Patent Professionals/ Innovation Officers</li> <li>• Students of IPR, Patent Law, Other law disciplines, Pharma/ Biotech</li> <li>• Inventors</li> </ul>
<b>WHEN</b>	<b>Saturday, 7 January 2017   Time: 1000- 1330</b>
<b>IPFACE LEAD</b>	Archana Joshi   Phone: +91-20-25865876   Email: <a href="mailto:ipassociate@ipface.org">ipassociate@ipface.org</a>
<b>WHERE</b>	Training Room, Venture Center, 100 NCL Innovation Park, Dr. Homi Bhabha (Pashan) Road, Pune-411008
<b>CONTACT</b>	Ms. Lipika Biswas   Phone: +91-20-25865877   Email: <a href="mailto:eventsdesk@venturecenter.co.in">eventsdesk@venturecenter.co.in</a>
<b>COST</b>	<p><b>Fees: INR 100/- only</b> Limited seats: 30</p> <p><b>Register here:</b> <a href="http://bit.ly/2i4sEkz">http://bit.ly/2i4sEkz</a> <b>More information on:</b> <a href="http://www.ipface.org/workshops.php">http://www.ipface.org/workshops.php</a></p> <p>Note:-</p> <ul style="list-style-type: none"> <li>• Fees paid is not refundable and non transferable under any circumstances.</li> <li>• Organizers reserve the right to accept or refuse or delay registrations so to optimize the composition of the group and hence maximize learning for all participants.</li> </ul>



## Introduction & objective

Intellectual property rights (IPR) in the pharma domain have been an argumentative issue globally. Previously, the IPR debates were typically between the branded pharma companies and generic pharma companies. India was no exception to this IPR battle and in view of the large poor population in need of its basic healthcare; the Indian authorities were initially not keen on granting substantial IPR protection. However, over a period of time, the Indian authorities have become more sensitized to the need and importance of IPR protection for the long-term good of industry.

Also, the application of patent law to biotechnological inventions has to deal with a number of particularities that may not exist in the same way in other areas of technology. Indian patent practice and jurisprudence with respect to the patenting of biological materials are relatively new and thus not so well settled and/or uniform. There are several outstanding deficiencies within the substantive law that needs addressing. Apart from narrow standards of patentability, biotech products are faced with certain additional hurdles like mandatory disclosure of biological material, prior approval from the Biodiversity Board and access & benefit issues under the Indian Patent regime.



The aim of seminar is to discuss, aspects and trends in pharmaceutical industry in view of the recent decisions, policy making for the protection of Intellectual Property, business decision making, challenges currently faced by biotech or Bio pharma or Pharma patents, strategies to overcome these challenges and how to develop a strong IP strategy for business.

## Course Outline

- Overview and introduction to pharma and biotech patenting.
- Key aspects of the patent law with respect to pharma industry and research.
- Overview of trends and current themes in pharma patenting
- Recent case studies relating exclusion categories in the Indian Patent Law
- Guidelines for examination of patent applications in the field of Pharmaceuticals
- Strategies to protect inventions falling under non-patentable subject matter
- Role of BDA in the grant of inventions

Workshop Schedule			
Time	Duration	Session title	Lead/ Participants
1000-1015	15 Min	Registration	
1015-1030	15 Min	Introduction to Venture Center and workshop	V. Premnath / Soma Chatopadhyay
1030-1130	60 Min	<ul style="list-style-type: none"> <li>Exclusion categories in the Indian Patent Law</li> <li>Guidelines for Examination of Patent Applications in the Field of pharmaceuticals</li> <li>Strategies to protect inventions falling under non-patentable subject matter</li> </ul>	Limaye Varunraj Vinayak
1130-1145	15 Min	<b>Tea break</b>	
1145-1230	45 Min	Deposition of biological material(s) and Role of BDA in the grant of inventions employing biological material(s)	Limaye Varunraj Vinayak
1230-1315	45 Min	Enablement requirement for Biotech/Biopharma/Pharma inventions	Sankaran Vasundhara
1315-1330	15 Min	Feedback & closure	

### Speakers(In alphabetical order of surnames)

	<p><b>Senior Associate- K&amp;S Partners   Intellectual Property Attorneys</b></p> <p>BSc-Chemistry, MSc-Drug Chemistry, LLB, Registered Patent Agent. He handles patent drafting and prosecution in the areas of drug chemistry, organic chemistry, pharmaceuticals/bio-pharmaceuticals, medical diagnostics.</p> <p>He also renders opinions on patentability, freedom to operate and invalidity analysis apart from management of patent portfolios.</p> <p>He regularly appears before the Indian Patent Office and the Intellectual Property Appellate Board</p>
	<p><b>Senior Associate- K&amp;S Partners   Intellectual Property Attorneys</b></p> <p>BSc – Chemistry, MSc- Chemistry, LLB, Registered Patent Agent. She assists in patent filing and prosecution in the areas of organic chemistry, biochemistry, bio-pharmaceuticals, medical diagnostics, microbiology, and biotechnology.</p> <p>She is also involved in patent licensing, freedom to operate searches and infringement analysis.</p> <p>She regularly appears before the Indian Patent Office.</p>



## About the Organizers



IPFACE aims to promote awareness and adoption of intellectual property rights amongst entrepreneurs and MSMEs in India while also making accessible high-quality IP services and resources. IPFACE is a project of the Venture Center supported by the Ministry of Micro, Small and Medium Enterprises, Government of India and National Chemical Laboratory, Council of Scientific and Industrial Research, India. For more information about IPFACE services, visit [www.ipface.org](http://www.ipface.org)



K&S Partners (K&S) is an Intellectual Property boutique. Founded in 1994 under its erstwhile name 'Kumaran & Sagar' as a three member team, today the firm has over 110 professionals and is amongst the top five IP firms in India. K&S has offices at Gurgaon, Bangalore, Mumbai, Chennai and Hyderabad. The practice covers all areas of IP rights including patents, designs, trademarks, copyright, geographical indications, trade secrets and related matters. K&S is specially noted for the depth and wide range of expertise in patent prosecution matters and for pioneering work in the protection of geographical indications. K&S is the largest filer of Patent Co-operation Treaty (PCT) applications in India. More on: <http://www.knspartners.com/>

## Supported by



**Entrepreneurship Development Center (Venture Center)** – a CSIR initiative – is a Section 25 company hosted by the National Chemical Laboratory, Pune. Venture Center strives to nucleate and nurture technology and knowledge-based enterprises by leveraging the scientific and engineering competencies of the institutions in the Pune region in India. The Venture Center is a technology business incubator supported by the Department of Science & Technology's National Science & Technology Entrepreneurship Development Board (DST-NSTEDB). Venture Center's focuses on technology enterprises offering products and services exploiting scientific expertise in the areas of materials, chemicals and biological sciences & engineering. Venture Center is today India's largest inventive enterprise incubator. For more information, visit [www.venturecenter.co.in](http://www.venturecenter.co.in)



**Biotechnology Industry Research & Assistance Council** is a new industry-academia interface and implements its mandate through a wide range of impact initiatives, be it providing access to risk capital through targeted funding, technology transfer, IP management and handholding schemes that help bring innovation excellence to the biotech firms and make them globally competitive. For more information about BIRAC: [www.birac.nic.in](http://www.birac.nic.in). The Venture Center's BioIncubator is BIRAC's BIG Partner and in that role organizes various events to support its mentoring activities for BIG Grantees.