



**Mini-workshop on  
SEPs (Standard Essential Patents) and  
FRAND (fair, reasonable and non-discriminatory) agreements**  
Organized by INCeNSE, TechEx.in, i-HiPP

<b>Gains</b>	<ul style="list-style-type: none"> <li>• What Does SEP and FRAND Mean?</li> <li>• Overview of global trends in SEPs: Domains and key players</li> <li>• FRAND licensing: Implementation, examples and Insights</li> </ul>
<b>Co-coordinator</b>	<ul style="list-style-type: none"> <li>• Vidula Walimbe, Associate Manager, Techex.in</li> </ul>
<b>Organized by</b>	<ul style="list-style-type: none"> <li>• InCeNSE, Incubator at CeNSE, IISc, Bangalore</li> <li>• TechEx.in, Regional Tech Transfer Office at Venture Center, Pune</li> <li>• i-HiPP (Inhouse IP Professionals)</li> </ul>
<b>Supported by</b>	<ul style="list-style-type: none"> <li>• National Biopharma Mission (<a href="https://birac.nic.in/nationalbiopharmamission.php">https://birac.nic.in/nationalbiopharmamission.php</a>)</li> <li>• Venture Center, Pune (<a href="http://www.venturecenter.co.in">www.venturecenter.co.in</a>)</li> <li>• BIRAC (<a href="https://birac.nic.in/index.php">https://birac.nic.in/index.php</a>)</li> </ul>
<b>For whom</b>	<ul style="list-style-type: none"> <li>• Technology transfer professionals &amp; legal professionals</li> <li>• Industry: R &amp;D team and IP team members</li> <li>• Universities/ research institutes/ publicly funded research organizations: TT professionals and researchers/scientists</li> <li>• Students/professionals: early stage career in TT/ IP</li> </ul>
<b>When</b>	<b>(Thursday) 28 October 2021   Time: 3.30 pm – 6:00 pm</b>
<b>Where</b>	Session will be held on an online platform
<b>Contact</b>	Technical queries: Dr. Vidula Walimbe   <a href="mailto:vidula@ipface.org">vidula@ipface.org</a>   +91-9156465146 Registration queries: Ms. Lipika Biswas   <a href="mailto:eventsdesk@venturecenter.co.in">eventsdesk@venturecenter.co.in</a>   +91-9156465137
<b>Registration</b>	<p><b>Event is FREE. Registration is mandatory!!</b>  <b>Registration link- <a href="https://tinyurl.com/28oct-miniworkshop">https://tinyurl.com/28oct-miniworkshop</a></b></p> <p>Note:</p> <ul style="list-style-type: none"> <li>• Events will be conducted using ZOOM online. Only registered participants will be allowed to participate in the event.</li> <li>• Email invite with link to event will be sent post screening of registration details</li> <li>• Organizers reserve the right to select participants so as to optimize the group for better interaction and ensure benefit to as many relevant participants as possible.</li> </ul>



## Introduction

The protection of intellectual property is vital to economic growth and global competitiveness. It has major consequences on a country's ability to promote security and stability. A Standard Essential Patent (SEP) is a patent that claims an invention that must be used to comply with a standard. Standards frequently make reference to technologies that are protected by patents. FRAND stands for fair, reasonable, and non-discriminatory. FRAND is about creating the right balance between the interests of users of the technology and that of the technology providers. Thus, at the time of negotiations, interest of both parties (i.e. the patent licensor and licensee) should be considered. The FRAND value should not be so high such that it makes the business of the implementer unsustainable, making it difficult or impossible for the technology provider to invest back in the R&D activities to come up with new technological developments.

The mini-workshop highlights SEPs and its essentials taking into consideration a global overview. The workshop will also discuss licensing of patents which are “essential” for using a SEP on Fair, Reasonable, and Non-Discriminatory (FRAND) terms. Imminent professionals will share their thoughts on current issues in SEP and FRAND in a panel discussion which will help the audience understand different aspects and views related to the topic.

## Event Schedule



Time	Duration	Topic	Lead Speaker
3.30 PM – 3.35 PM	5 mins	Introduction to event and organizers	Vidula Walimbe
3.35 PM- 3.45 PM	10 mins	Introduction to SEPs: Origins and examples	Prashant Phillips
3.45 PM- 4.05 PM	20 mins	Overview of global trends in SEPs: Domains and key players	Tulasi Gandikota
4.05 PM- 4.50 PM	45 mins	FRAND licensing: Implementation, examples and Insights	Ravi Bhola
4.50 PM- 5.50 PM	60 mins	Panel Discussion — Current issues in SEP and FRAND <ul style="list-style-type: none"> <li>○ (Panelist) Ravi Tumkur, IP Counsel, Philips</li> <li>○ (Panelist) Dr. Sheetal Chopra, Head of IP policy, India</li> <li>○ (Panelist) R Parthasarathy Of Counsel KRIA Law</li> <li>○ Q&amp;A for 10 mins</li> </ul>	Moderators: <ul style="list-style-type: none"> <li>● Premnath V, Head, NCL Innovations &amp; Director, Venture Center</li> <li>● S K Murthy, Director IP, Intel India</li> </ul>
5.50 PM- 6.00 PM	10 mins	Q&A; Closure & Vote of Thanks	L Tulasi Gandikota





**Speakers (in alphabetical order of last names)**

	<p><b>Ravi Bhola</b>  <b>Patent Chair at K&amp;S Partners</b></p> <p>Ravi is a partner at the Intellectual Property Law firm, K&amp;S Partners. His focus area is patents. Apart from strategizing and managing IP portfolios, he is actively involved in complex advisory and contentious matters. He is a certified Patent Valuation Analyst and enjoys working with exciting startups, and mentors a few.</p> <p>On the policy side, he is a member of the IPR Committees of FICCI and CII. Also, he is the General Secretary of the Association of Biotechnology Led Enterprises. Ravi provides pro bono support to a few social organizations including Spastic Society of Karnataka.</p>
	<p><b>Sheetal Chopra</b>  <b>Director &amp; India Lead - IPR Policy at Ericsson India Ltd.</b>  <b>Course Director -IPTSE (Intellectual Property Talent Search Examination - an IP Olympiad)</b>  <b>Resource Person, KAPILA, Ministry of Education</b></p> <p>In this role, she is responsible for establishing and driving Ericsson position in discussions related to patents and patent licensing, such as the current IPR Policy debate in standard development organizations, policy forums etc. She has corporate responsibility for advocating Ericssons views on these issues to regulators, policy influencers and policy makers in India. She is a Registered Patent Agent and author of the book on Patent Agent Examination: A book for Industry professionals and students; published by Lexis Nexis. She is MSc, MBA and a research scholar at NLSIU, Bangalore. She has rich experience working with/for the Industry. Prior to joining Ericsson, she served in Confederation of Indian Industry (CII), Vodafone, the Federation of Indian Chamber of Commerce and Industry (FICCI) and Ranbaxy Research Labs. She is serving as a guest faculty/trainer in various premier governmental and non-governmental institutes/institutions besides serving as an eminent speaker in various forums on diverse IP issues.</p>
	<p><b>L Tulasi Gandikota</b>  <b>CEO, INCeNSE   Technology Business Incubator (TBI) at CeNSE at Indian Institute of Science (IISc)</b></p> <p>In this role, Tulasi is leading the interface between CeNSE and industry with a broad mandate to establish a pull from the eco-system in IISc and outside to incubate startups in INCeNSE to benefit from existing CeNSE infrastructure as well as a push by executing the translation of CeNSE IP to industry by incubation of startups in INCeNSE. Together with her colleagues, she is also working to find ways &amp; means to effectively translate CeNSE research &amp; technology into the industry either by means of licensing or collaborative projects leveraging CeNSE capabilities both in terms of usage of existing infrastructure and expertise amongst the faculty, staff, and student members.</p> <p>Prior to this, Tulasi worked in Infosys, GE &amp; Shell for more than 20 years in research, technology development and patent analysis after a PhD in chemical engineering from IISc.</p>




	<p>Bangalore. She also got a PG diploma in IP Law from National Law School India University, Bangalore. She enjoys problem solving, learning, and interacting with people from diverse backgrounds.</p>
	<p><b>S K Murthy (SK)</b>  <b>Director IP, Intel India</b></p> <p>Dr. Murthy has exposure to Indian and US patent laws. His primary areas of focus are: patent preparation and prosecution; competitive patent analysis, training engineers/professionals on various aspects of patent law; providing opinion on patentability; and such other patent related issues. He is involved in developing strategies for inculcating, developing, and sustaining Innovation and IP culture and patent management. He is presently employed with Intel Technology India Private Limited as their Patent Counsel for India. He is an Indian advocate and a patent agent with strong engineering and legal backgrounds. He has about 11 years of experience in practicing patent law and has a total of 20 years of experience.</p> <p>SK is a co-author of a commissioned article presented at National Academy of Sciences (NAS) in the US on Standards and IPR in India. SK is an invited speaker on Intellectual Property (IP) at National and International conferences and forums. He is a co-author on a title: “Bio-medical Engineering” used as a reference material in undergraduate engineering program. He is a co-founder of In-house IP professionals (I-HIPP) Forum, which is providing a platform for in-house IP professionals of more than 30 Indian and multi-national companies to share ideas, best-known methods and I-HIPP has graduated to be a think tank for IP policy advocacy in India. He has lead the hi-tech industry to prepare submissions on the draft patent manual, draft national competition policy, draft guidelines on Computer related inventions (CRIs), and the recent National IPR policy.</p> <p>Education: B.E (Instrumentation Technology) (Mysore University, Mysore, Karnataka);  M.E (Electronics and Communication), Bangalore University  Diploma in IP (World Intellectual Property Organization);  PGDIPR (Post Graduate Diploma in Intellectual Property), National Law School of India University (NLSIU);  LL.B (Bachelors of Law).  Doctor of Science (DSc) in computer Science; and PhD (NLSIU)</p>
	<p><b>R Parthasarathy</b>  <b>Advocate-on-record Supreme Court of India and Patent Agent</b></p> <p>Parthasarathy is an expert on intellectual property laws, tax laws, WTO trade remedy laws and commercial litigation. He has over 42 years’ experience. He has argued more than 500 cases regularly appearing at various fora such as Supreme Court of India, Delhi High Court, Madras High Court, AP/Telangana High Court, Gujarat High Court, Calcutta High Court, etc. He has several reported judgments to his credit. He was a Principal Partner at Lakshmikumaran &amp; Sridharan, Attorneys (‘LKS’). At LKS, he headed the intellectual property practice across India, and all the tax practice verticals for South India.</p> <p>On the taxation front he is an expert on Excise, Customs (Valuation and classification in particular), Service Tax and presently GST Law. In addition, he handles Foreign Trade Policy,</p>



	<p>commercial litigation and WTO trade remedy laws. In intellectual property laws he is an expert on Patents, Designs, Trademarks, Copyright, Plant Variety protection and Biological Diversity Act.</p> <p>Education: He topped the Supreme Court Advocate-on-record examination and received a gold medal. He holds an LLB (1st rank holder) from Faculty of Law, University of Delhi, an MBA from University of Hull, UK, a B.Sc. (Physics) with Distinction from University of Madras. He is also a cost accountant (Fellow of Institute of Cost &amp; Management Accountants of India – rank holder) and a company secretary (Associate of the Institute of Company Secretaries of India).</p> <p>PRACTICE AREAS: IP Litigation &amp; Consultancy – Patents, Copyrights, Design &amp; Trademark, Plant Variety, Biological Diversity Act; Tax litigation and consultancy – Customs, excise, service tax, VAT, GST and income tax; WTO and International Trade Laws, and Commercial litigation.</p>
	<p><b>Prashant Phillips</b> <b>Partner, Lakshmikumaran and Sridharan</b></p> <p>Prashant Phillips advises clients regarding the design, patent prosecution, and litigation support practice at L&amp;S. He has worked within the firm for about 17 years. He is extensively involved in the design, patent prosecution, and patent litigation and related support practices at L&amp;S. He is involved in drafting and prosecution of design and patent applications. He has expertise in inventions related to software, telecommunication, electronics and electrical engineering, and wind energy. Prashant appears regularly for Hearings before the Indian Patent Office for both Patent and Design matters.</p> <p>Apart from prosecuting applications in India, Prashant is also involved in providing prosecution support for applications filed in multiple other through the network of associates that L&amp;S works with. In 2008-09, Prashant worked in the US on patent litigation activities. He regularly assists clients with patent related strategies and provides advisory as to how to handle portfolios relating to different technologies. This has aided the IP holders identify valuable IP within their existing portfolio so as to minimize IP related costs in maintaining IP that would be required for achieving the desired business objectives. He has delivered lectures on various topics relating to IP.</p>
	<p><b>T.V. Ravi</b> <b>Senior IP Counsel, Philips Domestic Appliances India Limited</b></p> <p>Dr. Ravi is working with Philips Intellectual Property since 2002. He worked as an IP Analyst from 2002-2004, as an IP Counsel from 2004-2019 and as a Senior IP Counsel from 2020 onwards. He primarily has the responsibility of patent creation and value extraction activities of Domestic Appliances business. He works closely with businesses and research groups to conduct IP awareness programs, conduct inventor workshops, identify patentable technologies, carry out technology reviews, draft and prosecute patent applications, patent revaluations, M&amp;A, product risk assessments, R&amp;D risk assessments and patent/technology</p>






	<p>landscapes. He is a registered Indian Patent Agent and practices at the Indian Patent Office. He has wide experience in patent drafting and prosecution. He is trained on European patent practice at StitchingGemeenschappelijkjeOpleiding at The Hague, The Netherlands and Delta Patents, Eindhoven, The Netherlands. He is on the Core Committee of I-HIPP (In house IP professional's forum) and contributes to the development of Indian IP ecosystem by interacting with several institutions and governmental agencies.</p> <p>Education:</p> <ul style="list-style-type: none"> <li>• B.E (Electronics)</li> <li>• M.Tech (Electronics and Communication)</li> <li>• Ph.D (Computer Science)</li> <li>• LL.B</li> </ul>
	<p><b>Premnath V</b>  <b>Founding Director of Venture Center and Head, NCL Innovations</b></p> <p>Premnath holds a B.Tech from the Indian Institute of Technology - Bombay and a Ph.D. from the Massachusetts Institute of Technology, USA. He has also been a Chevening Technology Enterprise Fellow with the Centre for Scientific Enterprises, London Business School and Cambridge University, UK. He brings with him considerable experience in technology development and commercialization, working with start-up companies (in Cambridge-UK and India) and engaging with large corporations on research and consulting projects as projectleader</p>





Organized by	
	<p>TechEx.in is a Technology Transfer Hub operated by Venture Center, Pune, India and supported by the National Biopharma Mission, BIRAC (Govt of India). TECHEX.IN aims to help technology developers and technology commercialization entities find each other's, forge partnerships and advance the technology closer to the market in a win-win partnership. In this mission, TECHEX.IN will build upon learning's, methods and experiences of NCL Innovations (department of CSIR-NCL championing innovations), IPFACE (IP Facilitation Center) and Venture Center (technology business incubator). The TechEx.in is based in the western part of India. While its focus is on organizations in Maharashtra, Gujarat and Goa states of India, it welcomes technology developers and technology commercialization entities from any part of the world. For more information please visit: <a href="http://www.techex.in">www.techex.in</a></p>
	<p>InCeNSE, the Technology Business Incubator (TBI) at The Centre for Nano Science and Engineering (CeNSE), Indian Institute of Science, Bangalore is funded by Government of Karnataka to support ideas from entrepreneurs and start-ups (not restricted to IISc alumni). We are a specialized incubator focused on nanotechnology and other deep science &amp; interdisciplinary technical areas requiring advanced characterization facilities, access to clean room and other specialized infrastructure. It aims to be one-stop shop and platform for translating ideas to products and offers incubates an incomparable support to grow their businesses for different applications of nano-technology by providing them with access to state-of-the-art characterisation and fabrication facilities, supported by experienced technologists, as well as knowledge &amp; expertise of CeNSE faculty.</p>
 <p>An IP Think Tank and Advocacy Group</p>	<p>In House Intellectual Property Professionals (I-HIPP) Forum is a leading IP think tank and advocacy group, which provides a platform for in-house IP professionals to network with each other, to share knowledge and best practices, and to be a cause in making positive contributions to the IP system in India by working closely with industry bodies, legal community, Government and the academia. I-HIPP was formed in September 2009 and is represented by around 80 professionals who have been working for Indian and Multinational organizations covering diverse technology domains that includes semiconductors, telecom, IT industry, software, power and energy distribution, health care, diagnostics and medical devices and consumer electronics, control systems and automation, oil and gas. I-HIPP Forum has been meeting once in every three months to brain storm on various IP issues and is working towards making positive contributions in building an effective IP eco-system in India.</p>



Supported by	
	<p>Startup Karnataka: The State of Karnataka, especially its multicultural and multilingual capital, is the Nations’ leading startup hub and the world’s second fastest growing start-up ecosystem. The Startup Karnataka initiative was founded by the Karnataka Government with the object of boosting the scope of startups in the State through strategic investment and policy interventions by leveraging the robust innovation climate in Bangalore. For more information, visit: <a href="https://startup.karnataka.gov.in/">https://startup.karnataka.gov.in/</a></p>
	<p>Biotechnology Industry Research &amp; Assistance Council (BIRAC) 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, visit: <a href="http://www.birac.nic.in">www.birac.nic.in</a></p>
	<p>National Biopharma Mission (NBM) is a Mission of the Government of India approved by the Cabinet for implementation in May 2017. The NBM’s mission is to make India a hub for design and development of novel, affordable and effective biopharmaceutical products and solutions. The NBM has an allocation of US\$ 250 million and is jointly funded by the Government of India and the World Bank in equal measure. The NBM is officially known as “An Industry-Academia Collaborative Mission of Department of Biotechnology (DBT) for Accelerating Early Development for Biopharmaceuticals”. ; Biotechnology Research Assistance Council (BIRAC) is the implementation partner of the Government of India for the Mission. For more information: visit: <a href="https://birac.nic.in/nbm/">https://birac.nic.in/nbm/</a></p>
	<p>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 &amp; Technology’s National Science &amp; 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 &amp; engineering. For more information, visit: <a href="http://www.venturecenter.co.in/">http://www.venturecenter.co.in/</a></p>