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<b>Third Wave of 2 Days Certification Course on Patents for Entrepreneurs, Scientists and Engineers</b> <b>Organized by IPFACE, Venture Center &amp; NCL Innovations</b>									
<b>LEARN/ GAIN</b>	<ul style="list-style-type: none"> <li>• Certificate of Participation on Patents</li> <li>• Basic understanding of patents for students and researchers to enable them to make the best use of the patenting system.</li> <li>• Learn how to seek protection for your (or your organization's) inventions, secure rights and license/ commercialize patents.</li> </ul>								
<b>FOR WHOM</b>	<ul style="list-style-type: none"> <li>• Students of sciences, engineering, pharma, medicine and allied disciplines</li> <li>• Researchers and inventors with science/ engg backgrounds</li> <li>• Practicing engineers and industrial researchers</li> <li>• Individual inventors</li> <li>• Entrepreneurs with knowledge intensive product/ service offerings</li> </ul>								
<b>ORGANIZERS</b>	<ul style="list-style-type: none"> <li>• Intellectual Property Group, CSIR- National Chemical Laboratory, Pune</li> <li>• IP Facilitation Center, Venture Center, Pune</li> <li>• Venture Center, Pune</li> </ul>								
<b>SUPPORTED BY</b>	BioIncubator at Venture Center Supported by Biotechnology Industry Research and Assistance Council (BIRAC), Govt. of India								
<b>IPFACE LEAD</b>	Ashutosh Prachand, IPFACE, Venture Center, NCL Innovation Park, Pune -411008								
<b>WHEN</b>	Day 1: Friday, Feb 12th 2016   Time: 9:00am-5:15 pm Day 2: Saturday, Feb 13th 2016   Time: 9:30am-5:15 pm								
<b>WHERE</b>	Lecture Room, Venture Center, 100, NCL Innovation Park , Dr. Homi Bhabha Road, Pune-411008								
<b>CONTACT</b>	Ms. Lipika Biswas 100, NCL Innovation Park, Dr. Homi Bhabha Road, Pune - 411008 Phone: +91-20-25865877/64011024 ; Email: <a href="mailto:eventsdesk@venturecenter.co.in">eventsdesk@venturecenter.co.in</a> For more information and registration visit- <a href="http://www.ipface.org/workshops.php">http://www.ipface.org/workshops.php</a>								
<b>COST</b>	<p><b>Number of seats limited to 40</b></p> <table border="1"> <tbody> <tr> <td>Medium and large companies/ others:</td> <td>Rs. 8000/-</td> </tr> <tr> <td>Micro and small enterprises/ individuals:</td> <td>Rs.4000/-</td> </tr> <tr> <td>NCL Staff and Students/ Other students with valid ID Card</td> <td>Rs. 2000/-</td> </tr> <tr> <td>IPFACE members , VC resident incubatees, AIP members</td> <td>Rs. 2000/-</td> </tr> </tbody> </table>	Medium and large companies/ others:	Rs. 8000/-	Micro and small enterprises/ individuals:	Rs.4000/-	NCL Staff and Students/ Other students with valid ID Card	Rs. 2000/-	IPFACE members , VC resident incubatees, AIP members	Rs. 2000/-
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## INTRODUCTION AND OBJECTIVES

Patents help inventors and companies protect their inventions. Patents have become a key component of today's knowledge economy. Increasingly, students, researchers and practicing scientists and engineers are expected to be aware of patents and know enough about patents to carry out their responsibilities effectively. This workshop aims to provide students, researchers and practicing scientists and engineers to learn about patents, be able to identify inventions, know how to protect their inventions, understand the patenting process sufficiently to engage with and interact with patent professionals, and strategize its commercialization. This workshop is intended as a rapid 2 day training program ending with the participants receiving a Certificate of Participation.

## PROGRAMME OUTLINE

Lecture topics:

- Introduction to intellectual property and, more specifically, patents. Parts of a patent document.
- Identifying inventions. Carrying out preliminary searches using free patent databases to understand patent landscape, patentability etc.
- Integrating IP with research
- Drafting, filing and prosecution
- Protecting inventions outside India. PCT applications. Foreign filings.
- Patent enforcement, infringement, and commercialization.
- Case studies with workshop on planning patent related actions/ decisions.

The workshop shall conclude with a 20-question multiple choice question paper. Participants have to attend the course on both days and complete question papers to earn a "Certificate of Participation".

## WHO IS IT FOR?

- Students of sciences, engineering, pharma, medicine and allied disciplines
- Researchers and inventors with science/ engg backgrounds
- Practicing engineers and industrial scientists
- Individual inventors
- Entrepreneurs with knowledge intensive product/ service offerings

## COURSE INCLUDES

- Handouts (Course notes, Inventor Guidance Notes, Case studies)
- Restricted website with online resources for participants (Slides, Inventor Guidance Notes, Case studies)
- Certificate of Participation
- Free one-year reference membership for Venture Center Library
- Lunch
- Tea and snacks



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WORKSHOP SCHEDULE				
Date	Timing	Duration	Session title	Speakers
<b>Day 1</b> 12 <sup>th</sup> Feb 2016	0900-0915	15 min	Registration and pick-up of workshop handouts	
	0915-0925	10 min	Welcome to IPFACE and Venture Center Introduction to the workshop	V. Premnath
	0925-1015	50 min	Introduction to various forms of Intellectual Property Brief Introduction to patents	Archana Joshi N S Tewari
	1015-1045	30 min	Identifying inventions in your work.	N S Tewari
	1045-1100	15 min	Tea-break & Group Photo	
	1100-1200	60 min	Patents: Types of inventions patented. Examples. Patentability: Exceptions; Basic criteria	N S Tewari
	1200-1300	60 min	Reading a patent document Information in patents: International classification Introduction to search engines, databases for preliminary search with examples	N S Tewari
	1300-1400	60 min	Lunch	
	1400-1500	60 min	Types of applications/specifications/ Filing strategy Process of patent grant/timelines. Filing, examination and prosecution examination reports	Archana Joshi
	1500-1515	15 min	Tea and snacks	
	1515-1615	60 min	Set up of Patent Offices; Examination, search reports, databases used	Ashutosh Prachand N S Tewari
	1615-1645	30 min	Myths about patenting	Ashutosh Prachand
	1645-1715	30 min	Question Answer session	IPFACE Team All speakers of the day



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<b>Day 2</b> 13 <sup>th</sup> Feb 2015	0915-1000	45 min	Renewal of patents; Form-27 Opposition: Pre/post grant Revocation	Archana Joshi N S Tewari
	1000-1100	60 min	Technology/patent licensing/commercialization	M. Nandagopal
	1100-1115	15 min	Tea and snacks	
	1115-1245	90 min	<i>Invited talk on general overview on research planning and integrating it with patents; Developing patent portfolios; Planning experiments to strengthen your patents.</i>	S. Sivaram
	1245-1345	60 min	Lunch	
	1345-1445	60 min	Patent Treaties: PCT/Convention/Budapest/NBA requirement  Patent Enforcement/Infringement	Ashutosh Prachand  Archana Joshi
	1445-1500	15 min	Tea and snacks Collection of question paper	
	1500-1545	45 min	Question paper solving	IPFACE Team
	1545-1645	60 min	Discussion of question paper answers & Addressing specific queries regarding patents	
	1645-1715	30 min	Workshop feedback Certificate distribution & closing of the course	IPFACE Team

**SPEAKERS(In alphabetical order of last names)**

 <b>Archana Joshi</b>	<p><b>Asst. Manager, IPFACE</b></p> <p>Intellectual Property, Patent drafting, IP Training programs and workshops</p> <p>Previously, Project Assistance-III at CSIR- URDIP  M.Sc. in Organic Chemistry from Pune University  P.G. Diploma in Patents Law from NALSAR University(Hyderabad)</p>
 <b>Magesh Nandgopal</b>	<p><b>Scientist, NCL Innovations</b></p> <p>New product development in chemical/material sciences, Assessment, Valuation, portfolio management &amp; marketing. Scientist, NCL Innovations. PhD (Polymer Science) &amp; MBA (Finance &amp; Operations), University of Connecticut</p>
 <b>Ashutosh Prachand</b>	<p><b>IP Analyst at IP Facilitation Center, (IPFACE), NCL Innovation Park</b></p> <p>Pursuing “Introductory Course on IPR” from WIPO (World Intellectual Property Organization), Geneva and has completed PG Diploma in Patents Law from NALSAR University, Hyderabad prior to that completed PGDM Biotechnology Management from MITCON Institute of Management, Pune and holds BSc. Biotechnology from University of Pune.</p>
 <b>S. Sivaram</b>	<p><b>Ex-Director of NCL and Founder Chairman of Venture Center.</b></p> <p>Masters Degree in Chemistry from IIT Kanpur  PhD (Organic Chemistry) from Purdue University  Experience in research on polymer synthesis, high performance polymers and surface chemistry of polymers.</p>
 <b>Nitin Tewari</b>	<p><b>Scientist, Intellectual Property Group, NCL and Mentor, IP Facilitation Center, Venture Center.</b></p> <p>Dr Nitin S Tewari is Scientist at the Intellectual Property Group at CSIR-National Chemical Laboratory, Pune, India, The IP Group is one of India’s leading IP management groups with around 120 new filings a year and a portfolio of 1500 patents. At NCL, she is responsible for all agreements governing IP ownership, IP portfolio planning and drafting/ prosecution of special cases. Dr Nitin Tewari hold a PhD in Biomedical research, a registered Indian Patent agent and is a WoS-C Fellow of DST.</p>



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## ABOUT THE ORGANIZERS



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 & knowledge-based enterprises by leveraging the scientific & engineering competencies of the institutions in the Pune region. 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 & services exploiting scientific expertise in the areas of materials, chemicals and biological sciences & engineering.

**For more information visit:** [www.venturecenter.co.in/](http://www.venturecenter.co.in/)



**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)



The National Chemical Laboratory, India is a research, development and consulting organization with focus on chemistry and chemical engineering. It has a successful record of research partnership with industry. NCL Innovations is resource center of NCL that supports, promotes and champions the cause of technology innovations within NCL.

**For more information about NCL Innovations & IP group NCL, visit** <http://www.nclinnovations.org/>

## SUPPORTED BY



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)