

6 Days Certificate Course on Intellectual Property for Chemists and Biologists

- An Initiative of the TechEx.in, CSIR-NCL and GNANLEX Hermeneutics -

GAINS	<ul style="list-style-type: none"> • Awareness about Intellectual property and its role in research and career options in IP • Learn techniques of IP search and the use of analytical reports for decision making • Introduction to patents, patent specification drafting, patent filing and prosecution • Gain insights into enforcement of IP, IP litigation activities, IP licensing and commercialization 						
ORGANIZED BY	<ul style="list-style-type: none"> • TechEx.in, a Tech transfer hub at Venture Center • IP Group, CSIR-NCL • GNANLex Hermeneutics 						
SUPPORTED BY	<ul style="list-style-type: none"> • National Biopharma Mission (https://birac.nic.in/nationalbiopharmamission.php) • BIRAC (https://birac.nic.in/index.php) • Venture Center (http://www.venturecenter.co.in/) • CSIR-NCL(https://www.ncl-india.org/) 						
FOR WHOM	<ul style="list-style-type: none"> • Students pursuing career in Science and Technology • Innovators, Entrepreneurs • Law professionals, Tech transfer professionals 						
WHEN	(Monday - Saturday) 05 July 2021– 10 July 2021 Time: 3.00 pm to 5.00pm						
WHERE	All sessions will be held on an online platform						
CONTACT	Technical queries: Dr. Vidula Walimbe Email: vidula@ipface.org Registration queries: Ms. Lipika Biswas Email: eventsdesk@venturecenter.co.in						
COST & REGISTRATION	Workshop fee categories <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">For students with valid ID cards</td> <td>Rs. 500/-</td> </tr> <tr> <td>Others</td> <td>Rs. 2000/-</td> </tr> <tr> <td>Current NCL-TEC members*</td> <td>Free</td> </tr> </table> <p>* (NCL-TEC members to produce the payment receipt or membership number)</p> <p>Limited number of seats: 30 Last date to register: 1 July 2021</p> <p>Steps for registration:</p> <ul style="list-style-type: none"> • Step 1: Interested participants need to fill in registration form at the following link. • Register online at: https://tinyurl.com/IP101-july • Step 2: Email with payment details will be sent post screening of registration details. • Step 3: Attendance only on confirmation of payment of registration fee • Sessions will be conducted using online platform. Only registered participants will be allowed to participate. <p>Note:</p> <ul style="list-style-type: none"> • Fees paid are not refundable and non-transferable under any circumstances. • Organizers reserve the right to select participants so as to maximize learning and networking opportunities for the group 	For students with valid ID cards	Rs. 500/-	Others	Rs. 2000/-	Current NCL-TEC members*	Free
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Introduction

Technology Transfer Hub (TechEx.in) is supported by the BIRAC - National Biopharma Mission (Govt of India). TechEx.in aims to help technology developers and technology commercialization entities find each other, forge partnerships and advance the technology closer to the market in a win-win partnership.

The certificate course is designed to support students pursuing career in science and technology, innovators, entrepreneurs, law professionals, tech transfer professionals with a primary focus on Intellectual Property in Practice. The certificate course will have 6 modules, as follows:

- **Module 1:** Importance of IP protection, what is confidentiality and career opportunities in IP
- **Module 2:** Introduction to IP search techniques, databases and tools
- **Module 3:** Introduction to Patents, drafting a patent specification, procedure for filing and prosecution
- **Module 4:** International Treaties/ Acts, NBA. Analytical reports important for strategy and decision making by leadership.
- **Module 5:** Other IP activities like Infringement, working around, enforcement, opposition and litigation
- **Module 6:** Tech licensing, IP planning and creation, ownership rights, functioning of IP cell

The certificate course will be for 6 days with 2 hourly sessions daily from Monday to Saturday. The course is planned to build sound knowledge about IP, mainly covering patent, trademark, industrial design, live IP search trainings, practical sessions on patent specification drafting, international treaties, NBA, patent filing and prosecution process, analytical reports with case studies, patent litigation, tech licensing and ownership rights.

Assignments: MCQ based on each module will be emailed to the participants at end of each day. Completed assignment needs to be submitted on the next day before 2.00pm on the email id: poorvashree@ipface.org

On completion of all assignments, participants will be issued "Certificate of Participation"

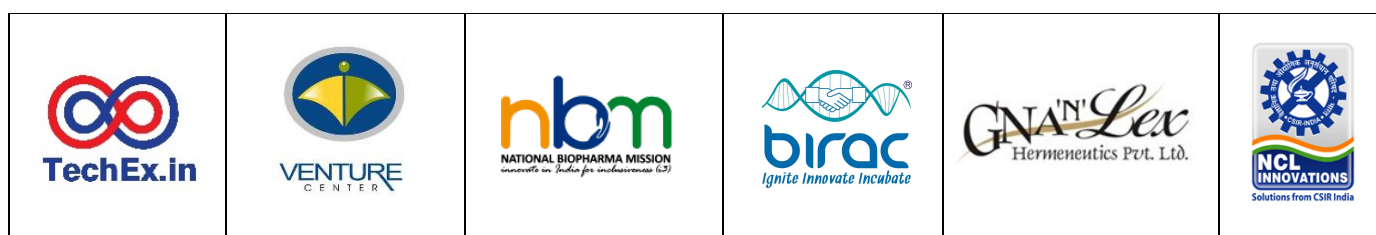
Program Structure and Format

Program shall consist of:

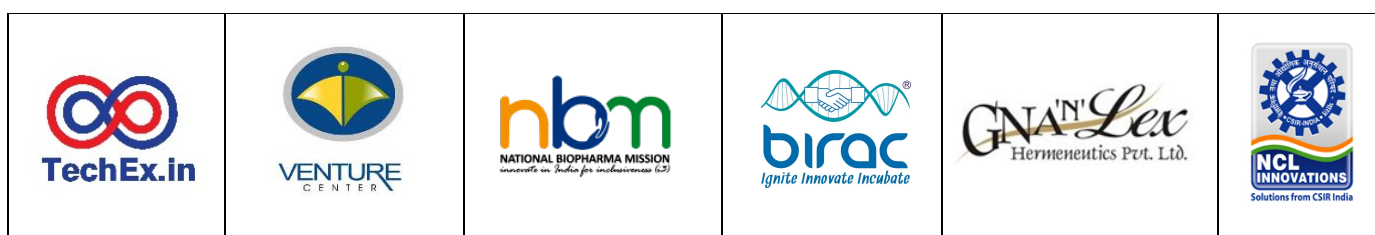
- Sessions: 10
- **Assignments: MCQ based on each module will be emailed to the participants at end of each day. Completed assignment needs to be submitted on the next day before 2.00pm on the email id: poorvashree@ipface.org**
- Late submissions will not be assessed and no certificate shall be issued.

Program Includes

- Access to all presentations via a restricted website
- Certificates will be given to only those candidates who complete all assignments and with 100% attendance.
- A feedback link will be shared after each module. Filling up the feedback link will be marked as your attendance for the concerned session.



Program schedule				
Session No	Time	Duration	Session title	Lead
5 July 2021 Module 1: Importance of IP protection, what is confidentiality and career opportunities in IP				
1	3.00-3.45PM	45 min	Opening Remarks: Importance of IP and its Protection and Careers in IP	Dr. Gopakumar Nair Dr. Premnath V
	3.45-4.00PM	15 min	Q & A (10 min) + break (5min)	
2	4.00-4.45PM	45 min	Different forms of IPs and importance/criticality of confidentiality	Ashutosh Prachand
6 July 2021 Module 2: Introduction to IP search techniques, databases and tools				
3	3.00-3.45PM	45 min	Introduction to IP search techniques, databases and tools	Poorvashree Joshi
	3.45-4.00PM	15 min	Q & A (10 min) + break (5min)	
4	4.00 -4.45PM	45 min	Live training session	Poorvashree Joshi
7 July 2021 Module 3: Introduction to Patents, drafting a patent specification, procedure for filing and prosecution				
5	3.00-3.45PM	45 min	Patents in detail (drafting, prosecution, examination, maintenance, costs)	Srividya Ravi
	3.45-4.00PM	15 min	Q & A (10 min) + break (5min)	
5	4.00-4.45PM	45 min	Patents in detail (drafting, prosecution, examination, maintenance, costs)	Srividya Ravi
8 July 2021 Module 4: International Treaties/ Acts, NBA. Analytics and reports important for strategy and decision making by leadership				
6	3.00-3.45PM	45 min	International Treaties/ Acts, NBA, Interface with regulations and other Acts	Nitin Tiwari
	3.45-4.00PM	15 min	Q & A (10 min) + break (5min)	
7	4.00-4.45PM	45 min	Analytical reports and their importance for strategy and decision making by leadership	Niranjan Yeole
8 July 2021 Module 5: Other IP activities like Infringement, working around, enforcement, opposition and litigation				
8	3.00 -3.45PM	45 min	Infringement, working around, enforcement, opposition and litigation	Andreya Fernandes
	3.45-4.00PM	15 min	Q & A (10 min) + break (5min)	
8	4.00 -4.45PM	45 min	Infringement, working around, enforcement, opposition and litigation	Andreya Fernandes
10 July 2021 Module 6: Tech licensing, IP planning and creation, ownership rights, functioning of IP cell				



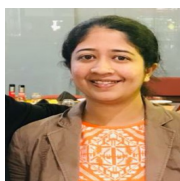
9	3.00 -3.45PM	45 min	Technology licensing	Dr. Gopakumar Nair
	3.45-4.00PM	15 min	Q & A (10 min) + break (5min)	
10	4.00 -4.45PM	45 min	IP planning and creation, Ownership and rights and functioning of IP cells	Dr. Premnath V

Speakers (in alphabetical order of last names)



Andreyra Fernandes
Advocate, Patent and Trademarks Agent

Andreyra Fernandes holds Master's degree in Intellectual Property Law (LLM) and Biotechnology, respectively, and PG Diploma in Patents Law. She also holds a graduate degree in LLB (Law) and Microbiology & Biochemistry, respectively. She is an Advocate and a practicing Patent and Trademarks Agent. She is working in the field of IPRs for the last 14 years. She has been a resource person for various IPR seminars and lectures in India.



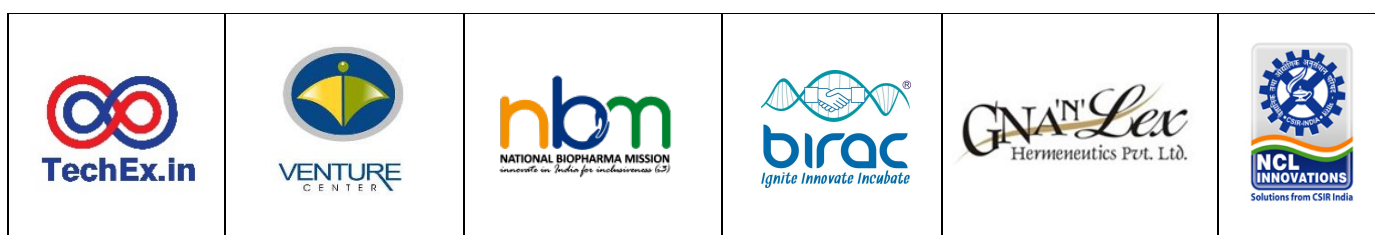
Poorvashree Joshi
Assistant Manager-IP services at Venture Center


Poorvashree is a registered patent agent at Indian Patent office with PhD in pharmaceutical chemistry from Bharati Vidyapeeth's Poona college of Pharmacy, Pune. She has completed her P.G. Diploma in Patents Law from NALSAR University (Hyderabad). She has also completed a course on Patent search and analytics conducted by National Programme on Technology Enhanced Learning (NPTEL). She has 2 years of experience in the field of Patent searching. At venture center, her profile includes set up and manage prior art search desk at venture center library, operate searches and analytics services, conducting patentability assessments and FTOs. Prior to joining Venture Center, she worked as a Research Associate-II at CSIR- URDIP.

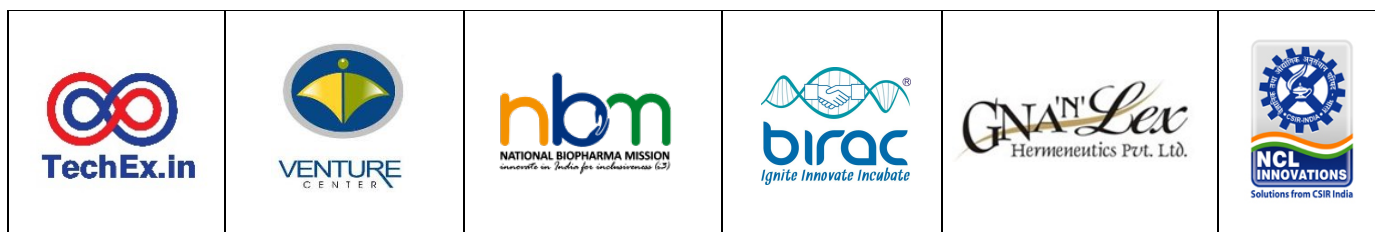


Gopakumar Nair
Heads his own IP boutique firm, Gopakumar Nair Associates and is also CEO of Patent Gurukul, reputed and well-known training centre for Patents




40 years in Pharma Industry as Director, Managing Director & Chairman of various public limited pharma companies, Dr.Nair has also served Industry Associations for than 25 years in various capacities, latest as President of Indian Drug Manufacturers' Association (IDMA), during 1999-2000. Presently Dr. Nair is Consultant to Pharmexcil on IPR and was also a Consultant to NAARM (ICAR) on P.G. Diploma in Intellectual Property & Technology Management in Agriculture. He was also Advisor to Bulk Drug Manufacturers' Association (BDMA) and is currently Advisor/Consultant to nearly 15 Pharma/Biotech/Agrotech companies. Dr. Nair is also Editor, Assistant Editor, Editorial Board Member of various publications and journals, relating to pharma, biotech and chemicals. In the field of Intellectual Properties, Dr. Nair was the Dean of Institute of Intellectual Property Studies (IIPS) at Hyderabad, India. Dr. Nair is a Ph.D from National Chemical Laboratory (NCL), Pune and has Diploma in Management & Patent Law. Dr. Nair is also a Law (LL.B) graduate from Mumbai University. Dr. Nair is an IPR Consultant and practicing Patent Attorney. He is also a practicing lawyer specializing in Mediation and Arbitration as well as in licensing and technology transfer. He is a practicing Patent & Trademark Attorney & has filed hundreds of Patents & Trademarks including PCT. Dr. Nair has many articles and publications to his credit, including valid granted Indian patent, as inventor. He is also associated with various Educational Institutions such as President, Bharat Education Society, with schools & colleges under its ambit.









	<p>Ashutosh Prachand Asst Manager- IP and Tech Transfer</p> <p>Ashutosh has completed PG Diploma in Patents Law, NALSAR University, prior to that he pursued PGDM Biotechnology Management and has a bachelor's degree in Biotechnology from University of Pune. He is a Registered Patent Agent at Indian Patent Office and has 4 years of experience in the field of Intellectual Property Rights. Currently his profile includes Drafting and prosecution of patent applications, Patentability Search and analysis. He has worked on inventions relating to Biotechnology, Biopharmaceuticals, Medical devices, Material Sciences and E&TC domain. His interest lies in Technology Transfer, IP Commercialization and Tech and IP Valuation.</p>
	<p>Srividya Ravi Head of Gnanlex Hermeneutics Pvt Ltd, Pune operations</p> <p>Srividya Ravi has been in the field of IPRs for nearly fifteen years after spending more than a decade in the pharmaceutical Industry in the product development and quality assurance functions. She currently heads the Pune operations of Gnanlex Hermeneutics Pvt Ltd. Handling a crucial inventor facing role at the CSIR-NCL, Pune, amongst other clients she has experience in handling patents in the fields of chemistry, pharmaceuticals, fine chemicals, food and nutritional products. Combining her educational background in pharmaceuticals and rich experience in the pharma industry with her knowledge and exposure to IPRs, Srividya regularly conducts training programmes to post-graduate students of Science and technology and is also a resource person to train patent examiners, both in India and internationally.</p>
	<p>Nitin Tiwari Principal Scientist, Intellectual Property Group, NCL and Mentor, IP Facilitation Center, Venture Center.</p> <p>Dr. Nitin S Tiwari 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 Tiwari holds a PhD in Biomedical research, is a registered Indian Patent agent and is a WoS-C Fellow of DST.</p>
	<p>Dr. Premnath V Director of Venture Center and Head, NCL Innovations</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 startup companies (in Cambridge-UK and India) and engaging with large corporations on research and consulting projects as project leader.</p>
	<p>Niranjana Yeole Scientist associated with Intellectual Property Group, the group within CSIR-National Chemical Laboratory (NCL)</p> <p>NiranjanaYeole is a Scientist associated with Intellectual Property Group, the group within CSIR-National Chemical Laboratory (NCL) charged with the responsibility of implementation and managing an IP portfolio with championing the cause of technology innovation within NCL. Niranjana holds a Master's and Ph.D. degree in Polymer Chemistry from North Maharashtra University (NMU),</p>



Jalgaon. He has also completed a Post Graduate Diploma in Patents Law from NALSAR University of Law, Hyderabad, India. He was associated with PI Industries, Udaipur from Oct 2017 – Aug 2019 and Dolcera ITES, Hyderabad from June 2014 – Sept 2017. In PI Industries, Niranjana was responsible for ensuring the security of intellectual property (support in filing of patent applications, building portfolio, ensuring novelty and freedom-to-operate). Both these techno-legal jobs also include carrying knowledge management services like IP landscape study, patentability, freedom-to-operate, state of the art study, competitor intelligence along with appropriate documentation and distribution of results. Niranjana was associated with the University of Hyderabad as a Dr. D. S. Kothari Postdoctoral Fellow from Jan 2012 – June 2014. He holds and has contributed to 10 International research publications.

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 learnings, 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: techex.in</p>
	<p>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/</p>
	<p>GNANLex Hermeneutics Pvt. Ltd is a Knowledge & Technology based firm providing services in Intellectual Property, regulatory linkages, technology development, licensing & contracts of IP related areas within India and globally. Currently located in Mumbai, GNANLex Hermeneutics Pvt. Ltd is serving the IP needs of Pune by providing services to various organizations in and around Pune. For more info please visit: http://gnanlex.com/</p>
Supported by	

					
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	<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: https://birac.nic.in/nbm/</p>
	<p>Biotechnology Industry Research & 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: www.birac.nic.in</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 & 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. For more information, visit: http://www.venturecenter.co.in/</p>
	<p>National Chemical Laboratory (CSIR-NCL), Pune, established in 1950, is a constituent laboratory of Council of Scientific and Industrial Research (CSIR). CSIR-NCL is a science and knowledge based research, development and consulting organization. It is internationally known for its excellence in scientific research in chemistry and chemical engineering as well as for its outstanding track record of industrial research involving partnerships with industry from concept to commercialization. For more details: http://www.ncl-india.org/</p>