Workshop on

Mastering Indian Patent Law for Computer Related Innovations (CRI)

Organized by TechEx.in @Venture Center

LEARN	The workshop on Mastering Indian Patent Law for Computer Related Innovations (CRI) are primarily meant for applicants, patent agents/attorneys, R&D institutions, industry stakeholders, and policymakers with the objective of ensuring clarity, uniformity, and proper assessment of patentability in CRI-related applications.
ORGANIZED BY	• TechEx.in, a Tech transfer hub at Venture Center & IP Shastra
SUPPORTED BY	• Venture Center • National Biopharma Mission • BIRAC
FOR WHOM	• Scientists, Technologists, executives, Engineers working in IP domain • Inventors, technology developers, patent agents/attorneys, • R&D Institutions, Industry stakeholders, and Policymakers • Startups, SMEs working in the domain of computer related inventions
WHEN	**6th December 2025 | Saturday| Time: 09:30-17:30**
WHERE	Lecture Theater, 900 NIP at Venture Center, Pune
CONTACT	**Technical queries:** • Archana Joshi |ipassociate@ipface.org |+91- 89564 57041 • Dr.Mamatha Rangaswamy|mamatha.rangaswamy@venturecenter.co.in| +91- 9156465153 **Logistical queries**: • Vineet Joshi|vineet.joshi@venturecenter.co.in
REGISTRATION	**Registration Process:** • Step 1: Interested participants need to fill in the registration form at the following link. **Register online at https://forms.gle/iaVAmv5kCxz1HZFG7** • Step 2: Email invite with payment details will be sent to participants post screening of registration details. • Step 3: Registration process is complete once registration fees are paid. Attendance for the event only upon confirmation of payment of registration fees. **Limited seats!!** **Registration fees: Rs. 2000/-** NOTE: • **REGISTRATIONS AND FINAL PAYMENT DEADLINE closes on 29November 2025** • ***Fees paid is not refundable and non-transferable under anycircumstances*** • The organizers reserve the right to accept or refuse or delay registrations to optimize the composition of the group and hence maximize learning forall participants.

INTRODUCTION

Computer-related inventions (CRIs) embody the powerful convergence of software ingenuity and technological innovation, forming the backbone of today's intelligent and connected world. Their patentability rests on demonstrating a genuine technical effect or contribution—one that transcends abstract algorithms, business methods, or mere data processing. In line with Section 3(k) of the Indian Patent Act, only those CRIs that address a tangible, real-world technical problem through a novel and inventive technical solution qualify for protection. Hence, strategic and precise claim drafting becomes crucial—emphasizing aspects such as hardware integration, system-level architecture, and technical implementation pathways. A well-drafted CRI specification should clearly illustrate how the invention achieves a distinct technical advancement, setting it apart from a computer program *per se* and reinforcing its role as a true enabler of technological progress.

End point of this workshop: Go home with an understanding of the processes involved in Patenting the CRI.

TERMS AND CONDITIONS FOR PARTICIPANTS

- In person attendance is mandatory for all sessions once registration is confirmed.
- Participants to arrange for their travel and accommodation.
- Venture Center shall be covering morning & afternoon tea, along with lunch for participants.
- Certification of participation will be provided.

COURSE INCLUDES

- Theme-focused expert talks
- Assignment on assessing patentability (Novelty and Inventive Step)
- Demonstration session on claim drafting techniques
- Presentation and discussion of relevant case studies
- Short, practice-oriented assignments
- Interactive group discussions and Q&A sessions

Workshop Outline			
Saturday, 6th December 2025			
Time	**Duration**	**Session title**	**Lead**
09:15 – 09:30	**15 min**	**Registration**	
09:30-11.00	90 min	**Session 1: Understanding Patentability in CRI** • Welcome, introduction of speakers, and agenda of the workshop • Fundamentals of Patentability & Patentability Criteria • Scope of Computer-Related Inventions (CRI) • Section 3(k) exclusions • US, EP & IN approach to deal with CRI	Archana Joshi Swapnil Sanap
11:00 – 11:30	**30 min**	**Networking and Tea Break**	
11:30 – 01:00	90 min	**Session 2:Identifying and Evaluating CRI Inventions** • Types of CRI inventions (applications, platforms, algorithms, websites, etc.) • Understanding Technical Effect and Technical Advancement • **Requirements under Section 10(4)** – sufficiency of disclosure, enablement, and best mode of working • Overview of Search Tools (InPASS, Google Patents, Espacenet) • Mini prior art search exercise & strategy discussion • Q&A	Swapnil Sanap
01:00 – 01:30	30 min	**Session 3: Drafting Techniques for CRI Specifications** • Problem-solution approach • Use of Flowcharts & Architecture Diagrams • Common pitfalls in CRI specifications	Swapnil Sanap
01:30 – 02:30	**60 min**	**Networking and Lunch**	
02:30 – 03:30	60 min	**Session 4:Claim Drafting Workshop** • Types of claims: Method / System / Computer-readable medium • Interactive demo session based on two invention disclosures	Swapnil Sanap Dr. Mamatha
03:30 – 04:00	**30 min**	**Networking and Tea Break**	
04:00 – 05:00	60 min	**Session 5:Prosecution Strategies & Case Studies** • Common FER objections and strategies to argue technical contribution • Case studies on claim drafting and prosecution (Google, OpenAI, Facebook, Tesla)	Swapnil Sanap
05:00–05:30	**30 min**	**Certificates, Feedback and closure**	

Speakers and Panelists (alphabetical order of the last name)	
	**Archana Joshi** Archana has over 12 years of experience in Intellectual Property Rights (IPR) and is Associate Manager at TechEx.in, the Regional Technology Transfer Office at Venture Center supported by BIRAC-NBM. She manages inventor-facing roles and has expertise in patents across chemistry, food, mechanical, medical devices, and diagnostics. Her work includes drafting, filing, and prosecuting patents, trademarks, and industrial designs, conducting prior art searches, responding to office actions, and providing technology assessments and preliminary patent due diligence.She also drafts and vets agreements such as NDAs, MTAs, MOUs, technology licenses, and distribution agreements, and has conducted over 45 IP workshops and awareness sessions. She mentors startups, SMEs, and individuals on IP strategy, filing, prosecution, and agreements.Previously, she was Project Assistant-III at CSIR-URDIP. She holds a Master's in Organic Chemistry (University of Pune), a P.G. Diploma in Patent Law (NALSAR), and RTTP training with 57 CE credits.
	**Dr. Mamatha Rangaswamy** Mamatha is a Senior Patent Associate at TechEx.in, Venture Center, specialized in Life Sciences, Biotechnology, and Intellectual Property, with expertise in patent preparation, prosecution, searching, drafting, and filing. She holds a M.Sc. in Botany (Gold Medal), an M.Phil in Seed Technology from University of Mysore, and a Ph.D. in Forest Biotechnology from the Forestry Research Institute University (FRIU), Dehradun. She also earned a Postgraduate Diploma in Patinformatics from CSIR-URDIP, Pune, under AcSIR and she has RTTP training with 57 CE credits. Mamatha has worked as a Research Fellow at CSRTI, Mysore, and as a DST –WOS-A at CSIR-NCL, Pune. She has experience in patent invalidation cases and preparing technical arguments for FERs, and specializes in patents related to Life Sciences, Biotechnology, Pharmaceuticals, Chemistry, Biochemical, Organic, and Computational domains in India
	**Adv. Swapnil Sanap** Adv. Swapnil Sanap is a seasoned legal strategist, IP consultant, and thought leader in IPR with over 15 years of experience. As Founder of IP Shastra, a boutique law firm specializing in intellectual property and technology law, he leads a multidisciplinary team offering comprehensive services in patents, trademarks, copyrights, industrial designs, contracts, and commercial advisory.Holding Bachelor's and Master's degrees in Information Technology (B.E., M.E.), an LL.B., and an MBA, Swapnil bridges technological innovation with legal protection. A Registered Patent Agent under the Indian Patent Office (DPIIT) and an Advocate with the Bar Council of India, his practice spans the full IP lifecycle—from drafting and prosecution to enforcement, commercialization, and licensing. He advises leading global brands such as Sandvik, Huawei, Xiaomi, Ericsson, and ZTE on IP strategy, litigation, and licensing. An active angel investor and educator, he mentors startups and conducts IPR workshops at premier institutions including IITs, MIT, Amity University, and Bharti Vidyapeeth. Combining technical depth, legal acumen, and entrepreneurial insight, SwapnilSanap continues to shape how intellectual property is protected and leveraged in today's innovation-driven economy.

Organized by	
	**TechEx** TechEx.in, the Technology Transfer Hub of Venture Center, Pune, is a key facilitator for innovation and IP commercialization in India. Supported by BIRAC and located at NCL Innovation Park, it bridges innovators—such as researchers, startups, and inventors—with industry partners and investors. From an IP perspective, TechEx.in offers end-to-end support including IP protection, patent filing, strategy development, valuation, licensing, and technology transfer. It conducts regular IP and Technology Transfer (IP-TT) clinics for mentorship on patentability, filing, prior art search, and commercialization, along with workshops on IP management and due diligence. Through its IP Facilitation Center (IPFACE), it ensures affordable IP services for startups and MSMEs. TechEx.in has facilitated hundreds of patent filings and several technology transfer agreements, emphasizing outcomes beyond patent acquisition. Its efforts have earned Venture Center the National Intellectual Property Award for "Best Incubator for Nurturing IP."
	**Entrepreneurship Development Center (Venture Center)** It is a CSIR initiative 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 www.venturecenter.co.in

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	**Biotechnology Industry Research Assistance Council (BIRAC)** The Biotechnology Industry Research Assistance Council (BIRAC) is a not-for-profit public sector enterprise established by the Department of Biotechnology (DBT), Government of India to promote innovation and entrepreneurship in the biotechnology sector. Acting as an interface between academia, industry, and government, BIRAC enables the translation of innovative research into viable products and technologies while supporting intellectual property (IP) creation, protection, and management. It provides funding, mentorship, and partnerships to startups, small and medium enterprises, and researchers across healthcare, agriculture, industrial biotechnology, and clean energy. Through initiatives like the Biotechnology Ignition Grant (BIG) and the National Biopharma Mission, BIRAC strengthens India's bio-innovation ecosystem and promotes commercialization of IP-driven solutions.
	**National Biopharma Mission (NBM)** The National Biopharma Mission (NBM), implemented by the Biotechnology Industry Research Assistance Council (BIRAC) under the Department of Biotechnology (DBT), Government of India, aims to accelerate biopharmaceutical innovation and product development in India. Supported by the World Bank, the mission focuses on strengthening the biopharma sector through enhanced infrastructure, technology transfer, intellectual property (IP) management, and industry–academia collaboration. It supports the development of vaccines, biosimilars, medical devices, and diagnostics to make healthcare affordable and globally competitive. NBM plays a vital role in fostering an innovation-driven ecosystem that promotes translational research, IP creation, and technology commercialization, advancing India's position as a hub for biopharmaceutical innovation.