



Highlights of a webinar on “XLSCOUT: Leverage AI to Innovate Faster”

Date: 28th September 2021

Time: 3 pm onwards

Organized by

DST-Centre for Policy Research (DST-CPR) at Panjab University, Chandigarh

- Speakers:** 1. Ms. Komal Sharma Talwar, Founder, TT Consultants & XLSCOUT, Mohali
2. Mr. Pranav Sharma, Chief Marketing Officer, XLSCOUT, Mohali
3. Mr. Ranjan Mukherjee, Business Development Manager, XLSCOUT, Mohali

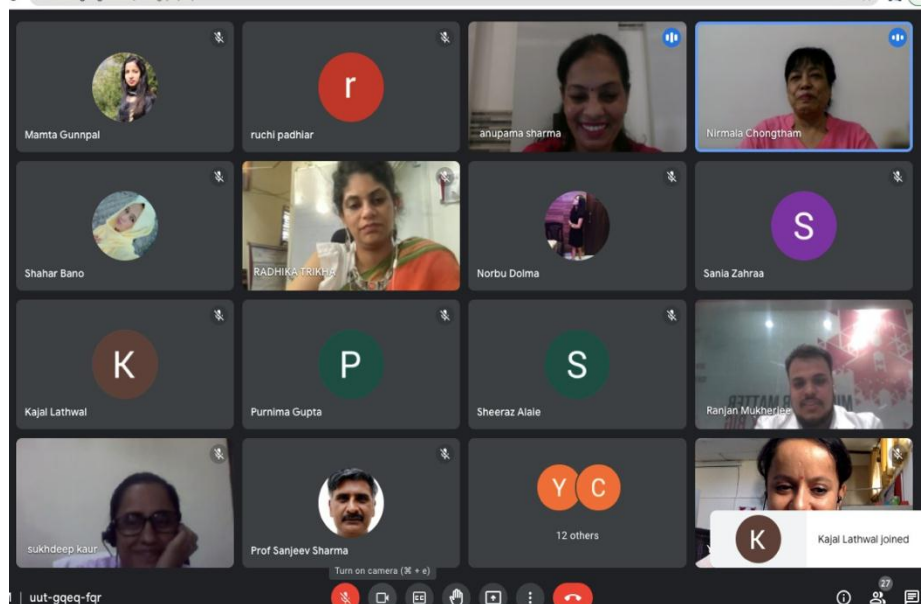
A webinar on the theme of “XLSCOUT: Leverage AI to Innovate Faster” was organized by DST-Centre for Policy Research, Panjab University, Chandigarh on 28th September, 2021 from 3 pm onwards. The experts from a Mohali based firm ‘TT Consultants’ demonstrated the most comprehensive and reliable technology search and analytics product ‘XLSCOUT’. This product is very much helpful for the researchers to understand the best ways to proceed with securing and commercializing the research outcomes. The aim of this demonstration session was to sensitize the participants about the complete paradigm approaches of novelty checkers and other icons of patent search engines.

Rapid advances in the field of Artificial Intelligence (AI) with the increase in opportunities of employment demands the significance of AI in innovating ecosystems both nationally and globally. Therefore, it becomes imperative to train researchers and innovators to shackle their innovation at the appropriate time to have its security and legal rights. The webinar provided the platform to highlight the best use and services of AI based, patent search engine XLSCOUT. The product helps young researchers and innovators in building the creative ideas as well as protecting them legally in the form of patenting.

Prof. C. Nirmala (Coordinator, DST-CPR) officially welcomed all the participants and the, special addressee, Prof. Anupama Sharma, Dean of Alumni Relations, Panjab University, Chandigarh for sparing their valuable inputs for this webinar. Prof. Anupama mentioned that AI and patent search engines are imperative for researchers in today’s competitive world. Capacity-building activities are

the route to reorient researchers and academicians with well recommended innovation policies and their implementations. There is a need to educate and train researchers about patent search engines in the beginning stage of their research to recognize their novelty and technicality at right time to proceed further.

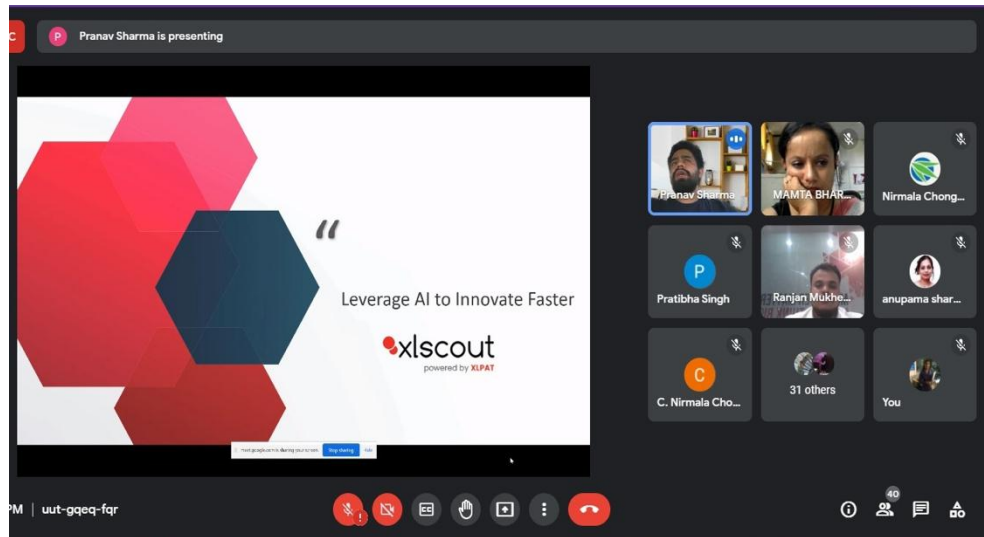
She highlighted that knowledge is given prior significance for contributing in developing society and economy. Patents are seen as an enormous repository of the human system. Intellectual Property Rights (IPR) plays a major role in the protection of knowledge, creation and prevents its illegal usage.



Ms. Komal Talwar Sharma, the founder and Director of TT Consultants (TTC), which is a leading international intellectual property and technology consulting and analytics firm. Ms. Komal Sharma owns the prestigious membership of “World Economic Forum”, which is the International Organization for Public-Private Cooperation. She also stands among the 18-member task force AI set up by the Ministry of Commerce and Industry, GoI and Confederation of Indian Industry (CII) council. Ms. Komal while highlighting the brief significance of XLPAT (now XLSCOUT) discussed the following points:

- XLPAT is 100% made in India product, and the largest company in India providing patent and non-patent data is this large scale with maximum accuracy.
- AI at the bottom line automates repetitive learning and discovery through data with less errors, increasing the chances of accuracy and level of precision that is truly a need of an hour.
- There is a lot of patent and non-patent information around the world and TT Consultants has been working for the last 15 years to provide this information with 95% accuracy. She further added that our services have won the trust of the best companies and universities in the world.
- The India Patent Office is also using the AI based tool for novelty search to expedite the number of patents filing and grants in India.

Upon encapsulation of XLSCOUT by Ms. Komal, Mr. Pranav Sharma who is also a P.U. alumnus from University Institute of Engineering and Technology (U.I.E.T.), Chandigarh and currently Chief Marketing Officer



with TT Consultants, Mohali. He assists the clients associated with R&D for disseminating their ideas and selling their IP. His specialties include patents, databases, building intelligent algorithms, product development strategy, corporate strategy, IP consultant. He mentioned, in a competitive world, what matters is not filing patents, but about protecting valuable ideas. He discussed the following points during his presentation:

- Academic institutes should focus on protecting valuable ideas, because patent filing is an expensive cause.
- While taking the epitome of case study of IIT Madras, the time consuming coordination between IP department and researchers makes patent search engines as a solution to this problem. The application novelty checker has better space to brainstorm with the researcher. Therefore, with the help of XLSCOUT, researchers can self-evaluate his/ her innovation, which will further help him/ her to justify and defend the innovation. 40% increase in overall efficacy of good quality patent filing was observed after utilizing the novelty checker. The case study in example was a success as research scholars themselves had the access to this tool.
- How XLPAT helps?
 - (i) *It has global reach and is easy to access*
 - (ii) *To opt for the research area and design a research problem, XLPAT will help in exploring the promising advanced technologies.*
 - (iii) *Awareness sessions are very important for researchers at their initial stage of research.*

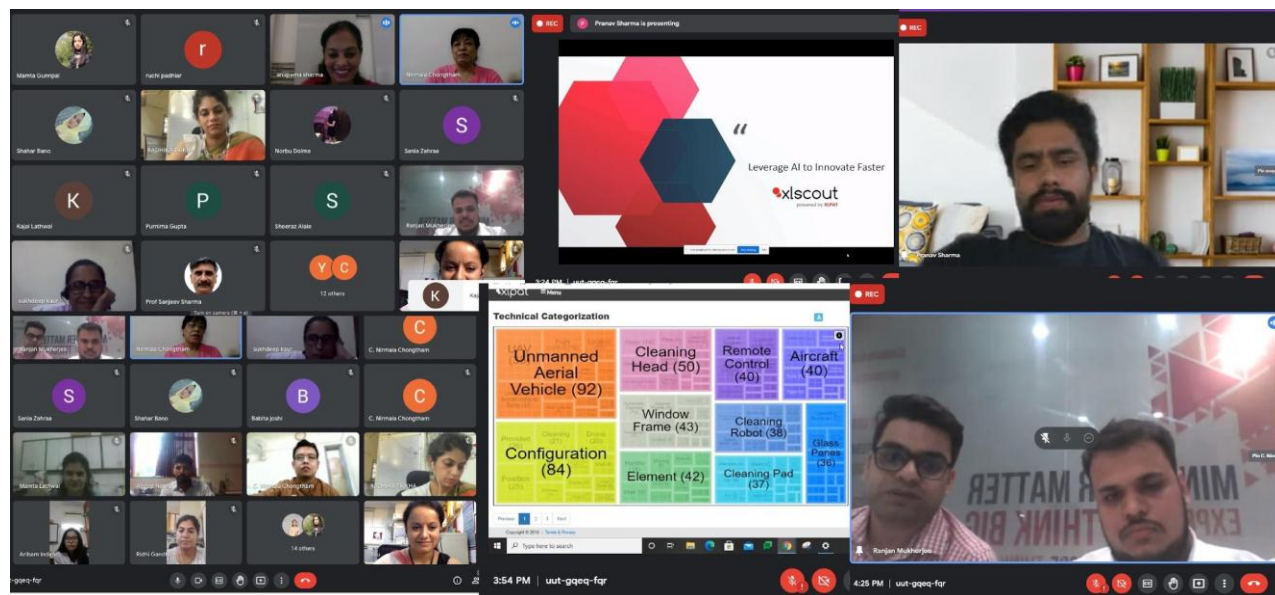
(iv) There is a strong need to conduct such demonstrating sessions from time to time while citing the examples of both success and non-success stories. It will help researchers to understand its utilization wisely.

After completion of the talk by Mr. Pranav Sharma, Mr. Ranjan Mukherjee, Business Development Manager XLSCOUT, Mohali started the demonstration session of XLPAT. He discussed the following points during demonstration:

- Novelty checker is one of the modules to shortlist and enhance the ideas based on datasets and technologies available. For every patent, there is (International Patent Classification) IPC or (Cooperative Patent Classification) CPC classifications.
- XLPAT has the world's largest technology dictionary and machine learning algorithm which demonstrates the results of all the patents and other databases displayed on the input word feed.
- Technology categorization is very imperative to save time and search all available technology under one umbrella.
- Another feature of this multi-checker is that it reads the full text of the patent and segregates each and every patent depending on the input.
- XLSCOUT system gives a particular score depending on the data set. It'll help sorting the data depending on the interest and requisite.
- General report icon generates the various inputs based on the patent.
- The Ideation icon helps in giving various input ideas related to specific technology. It will help the researchers to get to know the current trend of technology in the market. This will further help them to plan appropriate research at the initial stage depending on existing ideas of other researchers.
- Both patent and non-patent data is available in XLSCOUT databases through which actual strength of any novel idea can be determined.
- After doing proper prior art research, novelty can be determined. Therefore, a researcher should evaluate his/ her idea and try to work around to modify the research depending on low or medium strength.
- 'TECH SCAPER' product is for someone not from an IP domain. We make AI and system suggested concepts available to define applications. Therefore, large databases can be categorized accordingly.
- To facilitate companies and researchers collaborating for a specific project,, there are Inventors filter, Applications filter, etc. to make the search meaningful and appropriate.

- Technology timeline trend icon displays the patents being filed in different technologies.
- XLSCOUT team coordinates with the researcher on the testing of the overall functioning of the patent filing procedure, starting from the claim drafting to check the accuracy with the available databases.

The demonstration session was concluded while sharing their links and contacts for the participants to discuss the demonstration protocol further and taking queries.



After the Q and A session, Prof. C. Nirmala, Coordinator, DST-CPR who thanked the resource persons for giving insight about the various patent search tools and novelty checking paradigms. She mentioned that there is a strong need in academic institutes to have proper cells for hand holding such IPR issues. Therefore these sensitizing sessions are imperative for researchers to integrate value to their research.