



REPORT

of

2nd FDP on

“PATENT SEARCH AND TECHNOLOGY LANDSCAPING (PSTL)”

*for Faculties of GTU affiliated
Engineering/Pharmacy colleges*

on

23rd July 2015, Thursday

at

**Room.No.131, ACPC Building, L.D. Engineering
College, Ahmedabad**

Timing: 9.45 AM to 6.00 PM

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1. BACKGROUND

GTU has been consistently making efforts to ensure that every single IDP/UDP become more original and relevant to the users. GTU is organizes seminars and workshops on basics of IPR/Patents, Patent Prior Art Search Techniques and its importance, Patenting System in India and hands on exercises to draft patents. The whole value chain of patent search for novelty checking of any project is carried out using open source and paid patent databases.

To reduce the possibility of reinventing wheel and to increase the originality quotient of the projects, we have procured paid patent database “*PatSeer*”. Paid database are specialized databases exclusively meant for prior-art searches and technology landscaping. This paid database helps in to examine current scenario of the student’s project and its technical lacunas and how best paths can be found for future innovative project development.

About Patent Landscaping:

Patent Landscaping starts with a state-of-the-art search for the relevant technology in selected patent databases. The search results are then analyzed to answer specific questions about, for example, patterns of patenting activity (- who's doing what? what is filed where?) or patterns of innovation (innovation trends, diverse solutions for a technical problem, collaborations). The results are presented visually to assist understanding, as well as conclusions or recommendations based on the empirical evidence provided.

Patent landscape reports provide a snap-shot of the patent situation of a specific technology, either within a given country or region, or globally.

2. OBJECTIVE

By attending this workshop, faculties gained-

- better understanding about the advanced techniques of patent searching
- technology landscaping and trend analysis
- easily identify *newer potential areas of research*
- help in design of novel and *innovative projects for students*

3. CIRCULAR DETAIL

http://gtu.ac.in/circulars/15June/22062015_12.pdf

4. PROGRAMME & DISCUSSION

PSTL is a unique and advanced level initiative started by GTU to provide insight of advanced level patent search techniques and technology landscaping for any branch of science or technology. More than 120 faculties from different colleges all over Gujarat have actively participated in this entire day event.

The first session was started by **Dr. Manish Rachchh**, Associate Professor, GTU. He explained about-

- Global Innovation Index of different countries and status of India in terms of Innovation. He mentioned that academic institute can play important role by filling patent of their innovative projects and by that way, can contribute to improve GII.

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- Basic of patent search and method conducting patent search
- Types of patent search and Patent Search using open source technology

Further **Mr. Amit Patel**, Assistant professor (IPR), GTU Continued with case study on patent search using Indian patent database and European patent databases.

Second Session was taken by **Mr. Akash Bhavsar**, MD, SkyQuest Technology, Ahmedabad. He explained about the patent landscaping meaning, technique and advantage.

He briefed about IP eco-system and Patent mining with following points

- Understand the IP for the products and technologies
- Identify key technology players & their relative strength
- Discover white space, Freedom to operation (FTO)/Patentability
- Understand one's competitor, upstream & downstream partners, and potential acquisition/acquirer targets & their IP holding & trending
- Tracking the evolution of a landscape relative to active IP development and R&D

In Afternoon session, **Mr. Shailesh Jain**, Project officer-IPR explained about PatSeer software and their features. He explained how to use PatSeer for patent research and all aspects related to searching on PatSeer, reviewing results and finally exporting the filtered result set.

The last technical session was conducted by **Mr. Anil Pandey**, Head (IPR), CII, Ahmedabad discussed practical aspect about how to do technology Landscaping Using PatSeer with examples. He explained following things:

- Patseer basic concepts, basics syntax and operators
- Types of paid databases like publication based and family based

- Differentiation in simple family and extended family
- Type of search in patseer i.e. quick search, simple search, field search and Number search
- Patent search filter to narrowing down the results
- Working with search results and export

In the last session of the workshop, hands on exercise have been given to each participants and access has been provided for commercial Patent Search Database PatSeer. **Mr. Shailesh Jain**, Project officer-IPR and **Mr. Amit Patel**, Assistant professor (IPR) helped all the participants in patent searching and technology landscaping.

All faculties have been given participation certificate at the end.

5. CONCLUSION

The seminar provided a unique platform for Faculties/Students to understand the concept of patent landscaping. It was 2nd faculty development programme on patent search and technology landscaping organized by GTU in which more than 120 participants have attended this workshop.

The mentors of the seminar were having good experience on the same subject and they shared their views on patent landscaping for innovative product development. The seminar served as an eye opener for many participants on the lookout for key strategies on IPR/Patent.

6. PHOTO GALLERY





7. FEEDBACKS FROM THE PARTICIPANTS ABOUT THE 2ND PSTL

Thanks for giving me the opportunity to attend this one day workshop. It's an unforgettable experience for me because it has cleared the core concept of the patent search and technology landscaping. It is very helpful to me for guiding my students and also gives a brief information about patent search & technology landscaping.

Patel Bhadreshkumar Shankarbai, Lecturer, Valia Polytechnic College, Valia

It was really well planned and organized event. I would like to appreciate all organizers and be thankful for such a wonderful seminars for giving ideas about landscaping and especially giving practical training for the same. It really enhances my knowledge and will be very useful for me to teach the students the same aspects in future.

Pankit Shah, Teaching Associate, L. M. College Of Pharmacy, Ahmedabad

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One day FDP regarding patent search is an excellent move by GTU in direction of making faculty and students aware about significance of patent searching and landscaping. It helped me to enhance my knowledge about patent search and how it can be useful to design novel projects for students.

Kajal Chauhan, Assistant professor, K.B. Raval College of pharmacy

I am very thankful to GTU for giving me a chance to attend the one day training on patent search and technology landscaping. As a trained person I can guide my students very well and I can also make a good patent for me. This training is really very good for me and my knowledge is also improved about patent.

Mitendrasinh Chhatrasinh Mangrola, Lecturer, VALIA POLYTECHNIC COLLEGE



It was good move by GTU to create awareness about patent search and patent filing and landscaping.

Rana Vivek Arvindbhai, CIPET Ahmedabab

FDP is very effective, content wise. I have gained many new things in this FDP.

Ms. Monika, Assistant Professor, B H Gardi College of Engg. & Tech, Rajkot

8.ACKNOWLEDGEMENT

GTU innovation council acknowledges the kind support of **Mr. Akash Bhavsar**, MD, Skyquestt Technology, Ahmedabad and **Mr. Anil Pandey**, Head (IPR), CII, Ahmedabad for mentoring the

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event. Furthermore we would also like to acknowledge with much appreciation the crucial role of all GTU authority and staff members, who are directly and indirectly engaged to make this event a successful one.

9. REFERENCES

- 1) <http://www.gtuinnovationcouncil.ac.in/circulars.php>
- 2) http://gtu.ac.in/circulars/15Jul/01072015_12.pdf
- 3) Report of 1st PSTL workshop held on 25th June 2015, Thursday at GTU, Ahmedabad Campus
http://gtu.ac.in/circulars/15Jul/01072015_12.pdf



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