

Patent Search Methodology and Analysis by Final Year Engg Students

5th report regarding seminars organized by various GTU affiliated colleges for the final year BE students to increase awareness about IPR/Patents and to guide them on how to generate Patent Search & Analysis Report (PSAR)

K. J. Institute of Engg. and Technology – Savli, Vadodara, Sabar Institute of Technology for Girls – Tajpur, Parul Institute of Engineering and Technology– Baroda

To increase the awareness about IPR/Patents among all students of technical branches, and to carry out innovative projects by all students each year, GTU Innovation Council (GIC) has launched Patent Search & Analysis Report (PSAR) activity through online project tracking system for all final year BE students. In this PSAR activity each student has to student five different patents either related to project work or related to his/her area of interest. After studying each patent students have to answer very basic questions about each patent to GTU's online project tracking website at: <http://projects.gtu.ac.in/patentSearch.jsp> . The first report was published about seminars conducted by LJIET-Ahmedabad, SRPEC-Unjha and SNPIT & R C-UMRAKH, (http://www.gtu.ac.in/circulars/13June/Report_11thSept_PSAR.pdf). The second, the third and the fourth reports were published about seminars conducted by: GEC-Modasa, UCET-Gandhinagar, AIT-Ahmedabad, NSIT–Jetalpur (http://gtu.ac.in/circulars/13Sept/17092013_01.pdf), about seminars conducted at GCET-VV Nagar-Anand, KITRC-Kalol, SVBIT–Gandhinagar (http://gtu.ac.in/circulars/13Sept/3rd%20Report_PSAR_23rd%20Sept%202013.pdf) and about seminars conducted by GEC-Dahod, TITS-Modasa, BMCET-Surat (http://www.gtu.ac.in/circulars/13Sept/4th%20Report_PSAR_25th%20Sept%202013.pdf) respectively. This Fifth report will comprise details about seminars conducted to guide students about PSAR generation by K. J. Institute of Engg. and Technology - Savli, Vadodara, Sabar Institute of Technology for Girls – Tajpur and Parul Institute of Engineering and Technology-Baroda. The Faculty members from these Colleges had participated in the workshop organized by GTU at L.D. College of Engg., Ahmedabad.

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K. J. Institute of Engg. and Technology, Savli, Vadodara

Prof. Pragnesh Patel (Computer Engg. Department) and Prof Reeta Mishra (IT Department) from K. J. Institute of Engg. and Technology, Savli, Vadodara had organized the one day workshop cum seminar for students on Patent Search Methodology and PSAR Generation on 11/09/2013. These professors had got training from GTU organized seminar on 07th September 2013 at LDCE about PSAR generation. Student from this pioneer institute have taken interest in this workshop. Trained faculties had given lectures to students on Patent Search Methodology and PSAR Generation.



By this seminar the students will get information about: why should one be involved in patents, importance of patents in the field of research and technology, Where to find patent information/content, How to use that information/content, What is PSAR (Patent Search and Analysis Reports), How to prepare PSAR, How to submit PSAR, How to fill in Project Phase-III details online etc. Certainly the students will be benefitted from all the informative content of the given seminar.

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Further Training and Planning:

For further trainings college has planned to conduct seminars on alternate weeks and checking the status of the students over PSAR preparation every week. College had already planned weekly report format for PSAR submission and its monitoring.

Feedback about the seminar:

We thank GTU for providing us such a wonderful material over PSAR submission. All the material was full of knowledge and we are certainly going to use the same for the said purposes.

-Hetal Mavani (Asst. Prof.-Computer Engg. Dept.)

-Alpesh D. Chauhan (Asst. Prof.-Computer Engg. Dept.)

The seminar was quite informative. We got all the required information related to the Patent Search and Analysis Reports (PSAR) submission.

-Rohit Tiwari (Asst. Prof.-Computer Engg. Dept.)

In this seminar we got information about PSAR submission, we also got understood about its benefits for both faculty guides as well as students.

-Monika Kohli (Asst. Prof.-IT Dept.)

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Sabar Institute of Technology for Girls, Tajpur

Mrs. Roshni Patel (Asst.Prof, CE Dept.), Mr. Samay Prajapati (Asst.Prof.,IT Dept.), Ms. Binal Gandhi (Asst.Prof., IC Dept), Mr.Ashish Patel (Asst.prof.EC Dept.) and Mrs. Shraddha Shah (Lecturer,EEE Dept.) from Sabar Institute of Technology for Girls, Tajpur had organized the workshop cum seminar for students on Patent Search Methodology and PSAR Generation on 11th, 12th & 13th Sept. 2013 at Seminar Hall. The following team members have assisted to organize above seminars: Ms. Parul Patel (Asst.Prof, CE Dept.), Ms. Nidhi Kotadia (Asst.Prof., IC Dept), Mr.Dattu Patel (Lecturer,EC Dept.), Mr. Vinay Soni (Asst.Prof., IT Dept.) and Mrs. Pooja Sharma (Lecturer,EEE Dept.).



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Student Benefits from this Seminar:

The students will be able to understand the latest trends in the innovative area of their research paradigm. Students can analyze the existing research and latest filled patents in the respective research area. They will be motivated to do further extension and expansion for the research work. This unique instance will also provide the students, the opportunity to understand latest market trends and upcoming technology in the area of the innovation.

Future Planning for Patent Search and Analysis Report:

To understand patent methodology, college will form one “Innovation Club” at Institute Level comprising students and faculties. And then college will further organize seminar on Patent Search in a more deeply and Precise manner. College will also form dominant committee for patent filling at institute. College has also called various Industrial experts and academia personnel for conducting seminar, workshop and webinar.

Feedback from Students and Faculties:

Seminar on Phase III (Patent Search & Analysis Report - PSAR) was really very good and introductory. We all got the basic knowledge about patent, what is patent, How to search and analyze it.

Yesha Modi (Student, 7th SEM IT)

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This activity will be good experience for us. We got exact information about the patents. It should be useful to us in future. It provides a platform to us for creating new invention.

Nishita/Avani/Franky (Students, 7th SEM CE)

Excellent Seminar on Patent search for all final year engineering students. Definitely students would gain knowledge on the patents by this seminar and by doing this activity.

Mr. Amit Joshi (Asst. Prof. , IT Dept.)

In 21st Century having latest technical Knowledge, we would be in need of such activity and through this kind of workshop students get large number of information regarding their projects. In “Cutting throat Competition” and “Knowledge war” environment, students can survive only through this kind of workshop and activity.

Mr. Rajesh Nai (Asst. Prof., IT Dept.)

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Parul Institute of Engineering and Technology

Parul institute of Engineering and Technology has organized a session on Patent Search Methodology and Patent Search & Analysis Report (PSAR) generation at various branches. Senior Faculties have also Appreciated GTU's initiative about online project tracking system and Patent Search and Analysis Report (PSAR) generation. In future years, for final year Students these activities as a part of their project will become a normal practice to do patent search before doing a IDP/UDP.

Senior faculties from Parul Institute have shared their thoughts as: "This kind of event or seminars can create awareness of patenting in students and patent search methodology can be implemented at grass root level. If the research Field is already known and is compatible with the global innovation, than the ranking of India will improve."



College has shared their thoughts about GTU Innovation Council (GIC) as:

GTU innovation Council has launched and provided an excellent Platform for innovation, patenting and knowledge diffusion to the students as well as for the faculties. Students are made aware for patenting process, patent search process and how to read the patents, how to download, translate etc. Students are also benefited by accessing for information on free database like Google patents, Espacnet and ,WIPO-Patent scope and IP India services. Now, students are in such environment that their thinking in innovation can lead to a research in newer fields. College is thankful to GTU innovation Council for organizing these kind of workshops and bringing design thinking in final year students which definitely help to improve India's Position in Global innovation Index.

College have made a model of Execution for IDP/UDP at college side and their students have been following this model for doing their Projects for final year. This Model involves how they will go ahead in 7th semester and students have to give presentations regarding each step. In the Second Step of that Process, Patent Search have to be done, and that was already started as our faculties and students are made aware about it by organizing this seminar by trained faculties.

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After this seminar students understood: What is a patent? How to search patents online from free online databases? What is an IPR (Intellectual Property Rights)? , How to register a patent in India? How to Make a Report for Patent Search? How this activity will be useful to them, in making their IDP/UDP novel.

