Patent Search Methodology and Analysis by Final Year Engg Students

3r^d 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 <u>Patent Search & Analysis Report (PSAR)</u>

G H Patel College of Engineering and Technology – Vallabh Vidyanagar– Anand, Shankersinh Vaghela Bapu Institute of Technology - Gandhinagar, Kalol Institute of Technology & Research Centre–Kalol

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 . In line to first report 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), second report published about seminars conducted by: Government Engineering College - Modasa, Universal College of Engineering and Technology - Gandhinagar, Ahmedabad Institute of Technology - Ahmedabad, Narnarayan Shastri Institute of Technology – Jetalpur (http://gtu.ac.in/circulars/13Sept/17092013_01.pdf). This third report will comprises details about seminar's conducted to guide students about PSAR generation by following pioneer institutions: G H Patel College of Engineering and Technology - Vallabh Vidyanagar-Anand, Shankersinh Vaghela Bapu Institute of Technology – Gandhinagar, Kalol Institute of Technology & Research Centre-Kalol. The Faculty members from these Colleges had participated in the workshop organized by GTU at L.D. College of Engg., Ahmedabad.

Patent Search Methodology and Analysis by Final Year Engg Students

G H Patel College of Engineering and Technology - Vallabh Vidyanagar- Anand

G H Patel College of Engineering and Technology (GCET), Vallabh Vidyanagar have organized number of seminars on "Awareness on Patent Search and Analysis Report (PSAR)" during September 17-19, 2013 at GCET Seminar Room and Departmental AV Rooms. Duration of the each seminar is around 90 Minutes. These seminars are conducted by following faculties Nirav M. Raja, Mayank Mahant, Rahul Goradia, Rajesh Tripathy and Vijay Makwana. College got great response from students. With the total intake of 419 students from 7 different engineering disciplines, more than 350 students were actively participated and get benefited due to these seminars.

Internal and External Project guide for each IDP/UDP are informed about this patent search activity by college. College has ensured that each faculty Project Coordinator will take care for the smooth completion of this assignment.

Planning ahead: By such a positive response from students and faculty of various department, G H Patel College of Engineering & Technology has decided not only just to search the patent but also raise their working quality, which can be up to the mark for applying patent. College is planning to conduct a seminar regarding the guidelines for how to apply for patent in near future which will give the extra boost up to the student during their project work.

Patent Search Methodology and Analysis by Final Year Engg Students

Shankersinh Vaghela Bapu Institute of Technology – Gandhinagar

At Shankersinh Vaghela Bapu Institute of Technology – Gandhinagar, Prof Abhijitsinh Parmar has conducted a seminar on 12th September 2013 for students about Introduction to Patent Search & Analysis Report (PSAR) generation at E building, SVBIT, Gandhinagar. College has told that from this activity students will know about the patents: What is patent? How to apply for it? How to do patent Search? And How to generate PSAR? Students will also come to know that whether their project might be already done or not.

Patent Search Methodology and Analysis by Final Year Engg Students

Planning Ahead: College has trained their faculties who are guiding for UDP/IDP and they will verify their teams if the patent is really related to their project and check that there will be no clash of patents in group. And college will organize one presentation on Mid Semester project Review. In that students have to present Abstract, Patents, Methodology in Excel Sheet Format, from which they will directly compare how much work is done related to their topic and which materials/methodology are already used.

Kalol Institute of Technology & Research Centre - Kalol

Patent Search Methodology and Analysis by Final Year Engg Students

Kalol Institute of Technology & Research Centre has arranged seminar on Patent Search and Analysis Report (PSAR) for students on dated 11th Sep 2013 at campus. This workshop was organized by following faculties Amit Patel & Richa Sinha. Utkarsh Patel and Mayuri Prajapati.

The seminar was started with motivating talk on "Overview of IPR and importance of Patent Search" which was majorly related to India's position in Innovation in competent to other countries & figures related to possibility of growth of research and innovation in India. This gave a strong background and platform for Patent search and its requirement for 7th semester students. In the next session, discussion was made on "Patent Search: using Open Source Database and IPO" with live examples. Simultaneously, students were able to open the database during the session. All, students were mentored on how to survey the patents from different databases and later they were guided for how to analyze the surveyed data. Through this exercise, participants came to know whether their work is patentable or not.

Patent Search Methodology and Analysis by Final Year Engg Students

Feedbacks by students & faculty members:

Workshop was informative & motivation to do some novel work.   (Saurabh Raval, Student-KIT)

All the detail presented in workshop was so useful for report generation & will help us to understand importance of our IDP.   (Patel Ekata Student-KIT)

Workshop will help students to understand patent and it's important as well as it will motivate students to do some novel projects   (Lokesh Gagnanai, Assistant Professor, IT- KIT)

New & encouraging initiative taken by GTU & will Help Final year students as well as faculties.
                                                            (Hitesh kalavadiya, Assistant professor, IT-KIT)