

Patent Search Methodology and Analysis by Final Year Engg Students

8th 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)**

Sigma Institute of Engineering - Baroda, Sardar Vallabhbhai Patel Institute of Technology-Vasad and Madhuben & Bhanubhai Patel Women's Institute of Engineering - Anand

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 study five different patents either related to his/ her project work or related to his/her area of interest. After studying each patent, a 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, the second, the third, the fourth, the fifth, the sixth and the seventh reports were published about seminars conducted by LIJET-Ahmedabad, SRPEC-Unjha and SNPIT & R C- UMRAKH, (http://www.gtu.ac.in/circulars/13June/Report_11thSept_PSAR.pdf), 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), about seminars conducted by GEC-Dahod, TITS-Modasa, BMCET-Surat (http://www.gtu.ac.in/circulars/13Sept/4th%20Report_PSAR_25th%20Sept%202013.pdf), about seminars conducted 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 (http://www.gtu.ac.in/circulars/13Sept/5th%20Report_PSAR_26th%20Sept%202013.pdf), about the seminars conducted by CCET-Wadhawan City, DIET-Rajkot, FETR - Isroli, Bardoli (<http://gtu.ac.in/circulars/13Oct/030102013.pdf>) and about seminars conducted by SIEM-Rajpur, LIT-Srigram, ACET-Khatraj and CGPIT-Bardoli respectively. This eighth report comprises information about seminars conducted at Sigma Institute of Engineering – Baroda, Sardar Vallabhbhai Patel Institute of Technology-Vasad and Madhuben & Bhanubhai Patel Women's Institute of Engineering – Anand. The Faculty members from these Colleges had participated in the workshop organized by GTU.

Sigma Institute of Engineering – Baroda

At Sigma College of Engineering, Darshna Maitra, Saurabh Modi, Sunny Shahdarpuri and Deepak Agrawal combinedly have taken a training session for final year BE students, after taking a FDP on PSAR generation. They make all students familiar with the new initiative take by GTU about online project tracking system and PSAR generation. All participant faculties and students welcomed and appreciated this initiative in a great manner. Everyone from Sigma College of Engineering-Baroda is thanking GTU & GTU Innovation Council to implement this activity. By this activity the promotion for newer and innovative project will occur for this and all subsequent years.



Sardar Vallabhbhai Patel Institute of Technology-Vasad

UDISHA (Universal Development of Integrated Skills through Higher Education) club of Sardar Vallabhbhai Patel Institute of Technology (SVIT), Vasad had organized the expert lecture on “Patent Search Methodology and Analysis Report” for final year engineering students and faculties on 19th & 20th September 2013. The event was coordinated by Dr.V.R.Panchal, Principal, Patron of UDISHA club and Prof.P.R. Gandhi, Electrical Dept. and Coordinator of UDISHA club of SVIT-Vasad.

Final year students and faculties of the various branches have attended the lecture on PSAR. Professors have guided students about method of searching the patent from the various open source databases and also explained about the generating of patent search & analysis report. They explained present scenario of patent in India and across the globe using materials developed and provided by GTU.

Prof. P.R.Gandhi (Electrical Dept) has conducted the lecture on 19th September, 2013 for the Electrical and Civil Engineering students.



Prof. Hardik R. Patel (I&C Dept) conducted the lecture on 19th September and 20th September, 2013 for the Instrumentation & Control and Electronics & Communication Engineering students respectively.



Prof. Umang Jani (Aeronautical Dept.) has conducted the lecture on 19th September, 2013 for the Aeronautical and Mechanical Engineering students.



Prof. Devasenathipathi (MCA Dept) has conducted the lecture on 19th September, 2013 for the Computer and I.T. Engineering students.



IDP/UDP online project tracking system and PSAR activity has been introduced by the GTU Innovation Council, which is very appreciated in direction towards the Innovation. Faculty members and students have been benefited through PSAR workshop organized by SVIT-Vasad. This workshop has provided new direction of innovation & also awakes about the latest scenario in technology.

Feedbacks by students & faculty members:

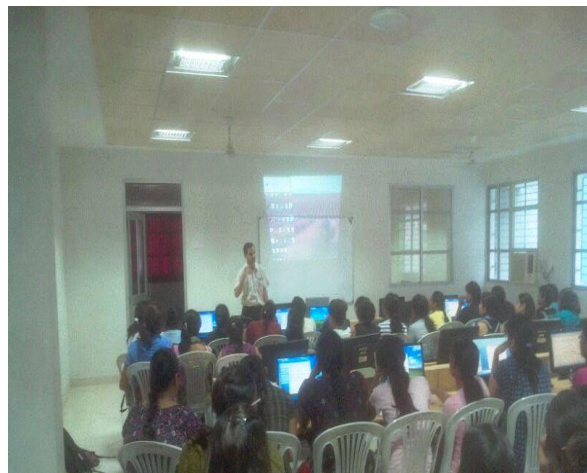
- Excellent workshop is arranged by SVIT-Vasad faculties. This workshop will be very helpful to the students, for making their IDP/UDP work innovative. (Prof. Mulav Rathod, Electrical Dept.)
- By this way students acquire knowledge about patent and new scope of innovations in technology. (Prof. S.S. Huseni, Civil Dept)
- Now a day, it is very important to know about the latest scenario in technology across globe as well as in India. The SVIT has taken very excellent step towards the innovation by organizing the workshop on PSAR as guided by GTU. (Prof. Saurabh Patel, E & C dept.)
- We have come to know about the PSAR generation activity after attending the workshop. It is very beneficiary for our project work. (Vanikar Shantanu & Abhish Devasia, Students)

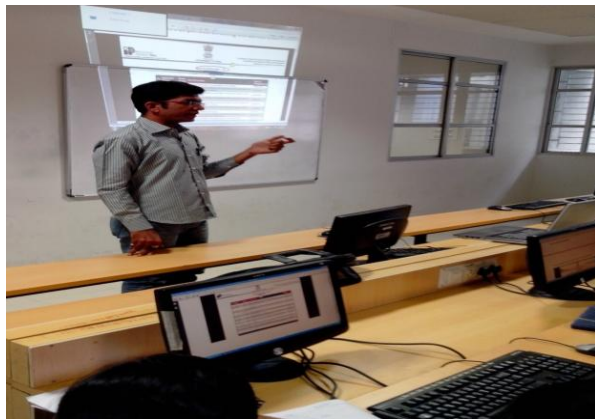
Madhuben & Bhanubhai Patel Women's Institute of Engineering - Anand

Gujarat Technological University has taken a very nice initiative to provide awareness about patent search activity for UG students. To guide and motivate the students for the Patent Search Activity, Madhuben & Bhanubhai Patel Women's Institute of Engineering For Studies and Research in Computer and Communication Technology , New Vallabh Vidyanagar - Annad, have organized a seminar on “Awareness on Patent Search and Analysis Report (PSAR)” on 27-09- 2013. The seminar was taken by Prof. Nilesh Maltare, Prof. Sonal Belani and Prof. Chetan Chudasama for CE, IT and CSE Departments respectively. Also this seminar was conducted by Prof. B.B.Patel, Prof. S.K.Shah, Prof. Ankur Mecwan for EC and ICT Department on 14-09-2013.

Prof. Nilesh Maltare, Prof.Sonal Belani, Prof. Chetan Chudasama, Prof. S.K.Shah and Prof. Nikunj Singala have attended the workshop on “Patent Search & Analysis Report Generation” For Engineering Faculties of GTU on 21st September 2013, at GTU.

During the session the discussion was made on following points : Objective, Importance and benefits of Patent Search activity, Information related to various online databases available for patent search, Guidelines about the Patent Search and Analysis Report, Guidelines about Phase 3 submission on GTU Project Portal, Discussion on different 27 questions that need to be answered by every students. From this Seminar students will be aware about the patents: What is patent? How to do patent Search? How to generate PSAR? How to apply for it? Etc.





Planning Ahead: College have include PSAR presentation in Mid Semester project Review, In that students have to present Patent Abstract, Summary of Patents, Methodology from which they will directly compare how much work is done related to their topic and which materials/methodology are already used.

All faculties and students have greatly appreciated the newer initiative taken by GTU Innovation Council.