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Patent Search Methodology and Analysis by Final Year Engg Students

GTU Innovation Council pioneers the movement for Patent Search Methodology and Analysis by Final Year Engg Students, related to their IDP/UDP final year project.

LJIET, Ahmedabad, SRPEC Unjha, SNPIT & R C, UMRAKH

provide intensive training to their final students

about patent search analysis process after attending workshop at GTU.

GTU Innovation Council initiated Workshops on IPR and Patenting on September 3, 2011. Centralized workshops on Drafting and Filing Provisional Applications were started on 29th April 2012. Till December 2012, GTU had been able to complete the following:

- 2-days workshop on “Patenting in Pharmaceutical Sciences”: 140 Faculty members participated.
- Five 2-days workshops on “Patenting in Engineering”: 840 Faculty members participated.
- 2-days Advanced workshop on “Patent Search & Drafting of Provisional Application”: 124 Faculty members participated.
- 1-day workshop on “Filing of Provisional Patent Application”: 25 Faculty members participated.
- Eight 1-day workshops on “Patent Search Methodology”: 1,405 Faculty members participated.

The Faculty members were supposed to provide training to the students in patent search and to help them file provisional applications for patents.

Till December 2012, GTU had also conducted 10 awareness workshops for students on IPR issues and about 3,000 students had participated in these workshops.

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On 7th September 2013, another workshop on “Patent Search & Analysis Report Generation” was organized for the faculty members from those few Colleges, who may not have taken advantage of the previous workshops. (Please see http://www.gtu.ac.in/circulars/13Sept/04092013_01.pdf)

At the very beginning (of the seventh semester for degree engineering students and at the 5th semester of Diploma Engineering students), when a student has worked out his/ her project idea, he/she should search for patents in the area similar to their project idea. This will help students avoid even unintentional copying of project ideas and to develop innovative projects.

It is required that every single Final Year student should learn about the process of Patent Search and Analysis. GTU expects that the Faculty members, who participate in the workshops, will be able to provide training to the students in Patent Search and Analysis.

GTU has put self-study material on its site and at YouTube. (Please see page 8 for the URL.)

Reports have been received from three Colleges that they have given training to each one of their Final Year students in Patent Search and Analysis . We hope that all the Engineering College have done the job.

Efforts at LJJET, Ahmedabad

An initiative to guide the final year students for surveying patents was taken up by L.J. Institute of Engineering and Technology. GTU has taken initiative to bring awareness among students about patents and its importance. L.J.I.E.T is pioneering this initiative by leveraging all training sessions by GTU Innovation Council. It had got trained its faculty members at GTU Workshops. During this month, LJIT has trained each one of the Final Year students.

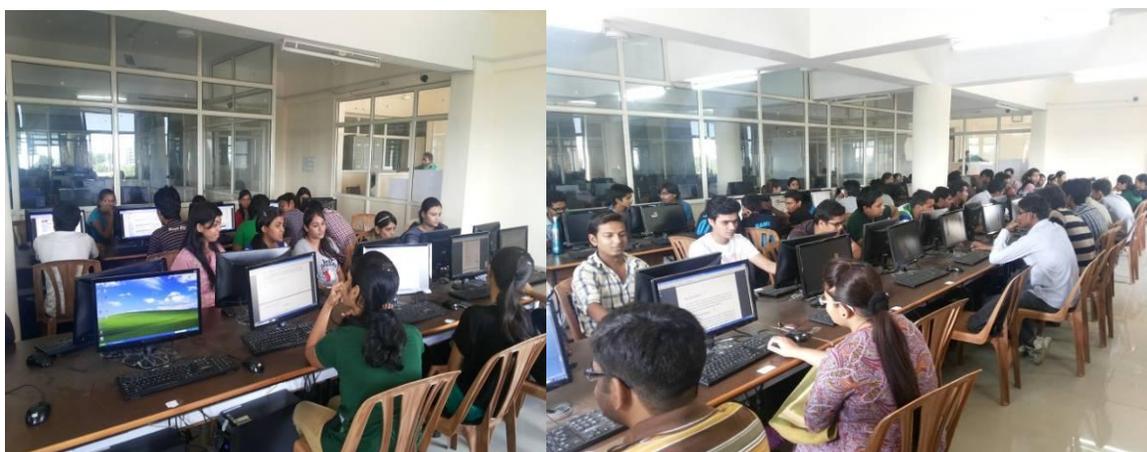
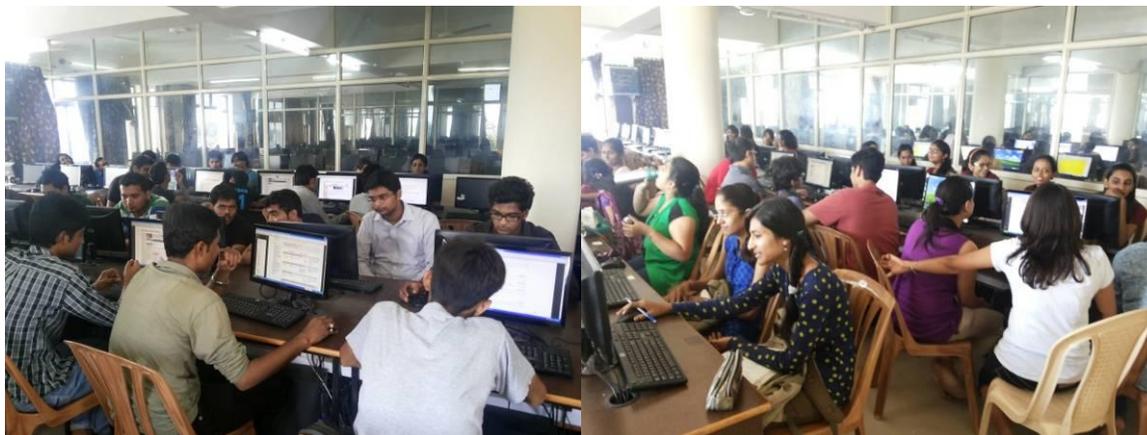
A seminar for Patent survey was conducted on **2nd Sept 2013**, where more than 300 students of different branches actively participated.

Prof. Jayendra Vasani mentored this session for seven long hours and at the end of each session selected group of students were sent to ACPC building of GTU, where once again they were mentored/ got queries solved by Mr Amit Patel, IPR project officer, and they surveyed the patents online and documented it during college practice sessions under IDP/UDP.

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At L.J College, students were mentored on how to survey the patents from different databases and later they were guided for how to document /analyze the surveyed data.

Student worked actively in this program and very positive feedbacks were obtained due to this program



Professors of LJET lead by Prof Vasani training each student and ensuring each single IDP/UDP/final year project become more novel and relevant to users.

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At S.N.P.I.T. & R.C., Umrahk

With reference to the GTU circular and the requirements, an orientation cum awareness program for "Training on Patent Search & Analysis Report (PSAR) Generation" was held on **11th Sept. 2013**. It was meant for educating students about patent search and all relevant and allied utilities. Prof. Bankim Joshi, who had

participated in a GTU Workshop on the area of Patent Search, took the sessions and trained all final year students. Students learnt about the relevance and tools for patent search for their project work and were informed to update their practical knowledge regularly in this regard.



It was great response from each student who are going to study an average of 5 patents from any patent databases which are in open source related to their IDP/UDP/final year project and submit online for review by experts, project guides and university panel online. Around 39,000 final year students at GTU colleges in 7th Sem are going to analyze and review more than 1.5 lac patents of wide range of innovations. **It is going to be 1st of its kind efforts by young techies across universities in India for making attempt to make their IDP/UDP innovative.**

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Smt. S. R. Patel Engg. College, Dabhi, Unjha(SRPEC)

Tuesday , 10th September 2013

SRPEC has organized One Day Workshop on “Patent Search Methodology and Final Year Project Phase-III” at Smt. S. R. Patel Enggineering College, Dabhi, Unjha on Tuesday , **10th September, 2013**. The workshop was organized for all SRPEC students and faculty. During the workshop, total 258 Students of BE- Mechanical, Civil, E&C and Computer Engineering along with 88 faculty members took active participation.

In Morning Session, Dr. Ami H. Shah, Principal, SRPEC, Dabhi delivered a talk on “Overview of IPR and importance of Patent Search”. In this session discussion about IPR system, Indian Patent Survey, Value of Patent, Requirement of Prior Art Requirement etc. were discussed.

In Evening Session, Prof. Harshad C. Patel, UDISHA Coordinator and Assistant Professor of SRPEC gave a talk on “Patent Search: using Open Source Database” with examples. After post break session, participants did Patent Search using ESP@CENET and IPO database and prepared summary report of Patent Search.

Then after, Asst. Prof. H. C. Patel, had given a talk on “How to Conduct Final Year Project Phase-III”. Asst. Prof. Sachin B. Patel, Asst. Prof. Yogesh Patel, Asst. Prof. Nigam Shah and Asst. Prof. Dhara J. Jansari, UDISHA Coordinators, SRPEC, Dabhi assisted the participants in this patent search process and Project Phase-III. Through this exercise, participants came to know whether their work is patentable or not.

Mr. Kalpesh Patel, Chairman, motivated the students to come forward with their invention and assured that SRPEC will provide all kind of support facilities.

Looking at the feed backs from participant’s side, Mr. Kalpesh Patel has given permission to organize such kind of Patent Workshops on regular basis for the benefit of students at SRPEC.

To make the program successful Mr. Jayendra Patel, Mr. Bhaskar Patel, Mr. Hardik Patel and Mr. Piyush Patel have done tremendous efforts.

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In response to the circular at

http://www.gtu.ac.in/circulars/13Aug/Circular_Project%20Mentoring%20System_18th%20August%202013_final.pdf, the Final Year students have uploaded the data required under Phase I and II. The circular for Phase III, (available at http://www.gtu.ac.in/circulars/13Sept/Circular_Patent%20Search%20Report%20_2nd%20Sept%202013.pdf), every student is required to do Patent Search and Analysis and upload the data about the patents in the area, in which the students wants to pursue his/ her Final Year project.

NOTES for PATENT SEARCH

Free/open source patent databases are available and students can use them for patent search. To know more about Basics of IPR, Patent Searching and How to generate Patent Search and Analysis Report, please read the following modules available at the below mentioned web link:

a. Module 1- Basics of IPR and Patent

http://www.gtu.ac.in/circulars/13Aug/Module-1-BasicsofIPR_3rdAug2013.pdf

b. Module 2- Patent Search Methodology

http://www.gtu.ac.in/circulars/13Aug/Module%202-Patent%20Search%20Methodology__3rdAug2013.pdf

c. Module 3- Preparation of Patent Search and Analysis Report

<http://projects.gtu.ac.in/Images/Module%203-Preparation%20of%20Patent%20Search%20&%20Analysis%20Report.pdf>

d. Compendium of Module 3- Interpretation of Patent Documents from different Databases:

<http://projects.gtu.ac.in/Images/Compendium%20of%20Module%203-%20Interpretation%20of%20Patent%20Documents%20from%20Different%20Databases.pdf>

The material for self study is also being made available through 'you tube' channel of GIC: Students can refer to the video and text materials for patent search at :

<https://www.youtube.com/playlist?list=PLnNDkCrMqsxmtRZwiflRri38ykvtcqJxn>

http://gtu.ac.in/circulars/13Aug/Module%202-Patent%20Search%20Methodology__3rdAug2013.pdf