

GTU's Project Mentoring System

INCREASING THE INNOVATION QUOTIENT OF EACH OF YOUR IDP/UDP

PHASE-III: Patent Search and Analysis Report

Circular for all final year students of engineering, working on their Final Year projects

during the academic year 2013-14

In response to the circular at

http://www.gtu.ac.in/circulars/13Aug/Circular_Project%20Mentoring%20System_18th%20August%202013_final.pdf, the students have shown outstanding response. 14,310 teams, consisting of 39,718 in Phase I; 12,559 teams consisting of 35,012 students have registered by 2nd September 2013.

THE THIRD PHASE: The teams are required to do patent search related to their IDP/UDP/Final year projects and submit a report of their work online.

During phase-III, every student within a team has to study at least five **(5) patents** related either to his/her IDP/UDP or related to his/her area of interest. Analysed data of each of these five patents is to be submitted online at

<http://projects.gtu.ac.in/patentSearch.jsp>

on or before 22nd September 2013.

Every team has to take a download of the pdf files and to take a print-out of the following:

- (i) A report on the data submitted during phase I and phase II and the extended abstract
- (ii) Analysed data of five patents by each of the students of the team (Thus if there are three students in the team, analysed data of fifteen patents will be printed out.)

students can take a print out (at max spiral bindings) of their entire data, submitted at the GTU's Project Mentoring System. A copy of the data should be submitted by the team of students to their department, after getting it signed by the faculty guide of the project and their HOD.

GTU will maintain only the e-version of the document for further reference for evaluation and for providing it to mentors and for record.

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(<http://www.gtu.ac.in/>)

The Report of patent search work of each team will also be made public. Except the student's suggestions for improvements where he/she might give his/her original idea, other data will be made available online for creating lateral learning opportunities within and across various branches/sectors of engineering students at GTU. However the extended IDP/UDP report/action plan for the year will only be accessible to team members, guides, reviewers/ mentors (external –appointed by GTU and internal) and will not be disclosed in public domain.

After THE THIRD PHASE: The teams will be required to update their project work in the account assigned to them online, every 15 days. GTU will assign periodic mentors from industry and academia to evaluate the progress and comment on each project profile. Team members are required to keep track of the inputs from mentors for improvements in their work. GTU Innovation Council will track the most active teams/faculty guides/departments/colleges during the process and give Awards to them. In case any team does not update for 2 consecutive fortnights, the accounts may not remain operational further and students may lose academic scores for continuous evaluation.

The decisions by guides/mentors and experts nominated by council of deans will be taken as the final call in any situation.

For any query please send a mail to the mail ID given on the website for this purpose or telephone on the landline number assigned for the purpose – during office hours.

2nd September 2013

I/C Registrar

- *Please see page 3 for help for Patent Search.*
- *Please see page 4 for Notes for the Faculty-Guide about evaluation method for the work done by students for Patent Search.*
- *Please see pages 4 and 5 for an FAQ for students.*

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 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 GTU Innovation Council.

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

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

NOTES for Faculty-Guides:

1. It will be the responsibility of the faculty-guide to ensure that each student (team member) will study the different patents related to their IDP/UDP. No student of the same team has to repeat the same patent as studied by another team member of the same project/IDP/UDP.
2. The Evaluation of Patent Search and Analysis Report for each student will be based on following criteria's and weightage:
 - a. Amount of details given under each question - 40 %
 - b. Quality of the content - 30 %
 - c. Student's input/idea to improvise the invention - 30 %

It will be the responsibility of the faculty-guide to give directions to students, to check the quality of work and to evaluate it.

FAQ

1. Student can study any patent from any patent database related to his/her IDP/UDP and can make Patent Search and Analysis Report on that patent. Sometimes single invention is patented by applicant in different countries, hence students have to take care that they have to select different patented inventions to prepare a Summary report.
2. Many patent documents are available as an image copy or scan copy of the original document. So to copy the contents from such patent and to generate Patent Search and Analysis Report on that patent, student can take help of following software: **ABBYY FineReader**. It is available at <http://finereader.abbyy.com/>
3. **This is a free trial version of ABBYY FineReader, so that at a time you can select any two pages of patent document and convert them into .doc file.**
 - a. Students have to check the correctness of data copied from text generated by such software's with the original patent document.
4. If any student finds any patent related to his/her IDP/UDP in language other than English, then after converting image file to .doc file as mentioned in step 2, student can take help of **Google Translator** (www.translate.google.com) to translate patent from any language to English. By

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doing so student can make a Patent Search and Analysis Report on that patent. (Generally abstract of every patent is available in English. And by studying abstract student can make a decision, whether that particular patent is related to his/her IDP/UDP or not.)

5. Students can also take help of online patent translator tool available with some databases (Espacenet & PatentScope) to convert text of other languages to English.
6. While Studying Indian Patents, in most cases student needs to refer following Forms/Documents:
 - a. **Form 1: Application for Grant of Patent** (Details about Application No., Applicant-Inventor & their address, Title of Invention, Filing Date, Priority Date, First filled country, Details about application filed in another foreign countries and related application/patent no. etc. will be available from this form)
 - b. **FORM 2 : Provisional/Complete Specification** (Details for in-detail information on Invention, Limitation of prior art, Specific Problem Solved/Objective of invention and Summary of invention will be available from this form)
 - c. **Claims:** Sometimes Claims are mentioned under Form 2, while some time they were also published under separate document entitled as “Claims”.
7. In case of Indian Patents, where sometimes you find two or more copies of any form/document. In such cases student have to make Patent Search and Analysis Report based on the form/document which is the **latest one and contains all the necessary information**. (For example – Under view documents option for any patent, there are three copies of Form 2, like Form-2, Form-2 (11/05/2010), and Form-2 (03/01/2011). Then students have to study the Form 2 (03/01/2011) which contains **all** updated information. This rule is applicable for all the forms/documents.

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