

Patent Drafting Exercise by Final Year BE Students

**3rd Report regarding seminars organized by
various GTU affiliated colleges for the final year BE students on
Patent Drafting Exercise (PDE)**

Till now GTU Innovation Council (GIC) has organized two central Faculty Development Programmes (FDP) on Patent Drafting Exercise (PDE). These FDPs were organized at GTU chandkheda campus on 15.02.2014 & 08.03.2014. GIC had also organized four zonal levels FDP at Atmiya Institute of Technology & Science - Rajkot on 22.03.2014, Parul Institute of Technology - Baroda on 29.03.2014, BVM Engineering College - VV Nagar, Anand on 05.04.2014 and at Sarvajanic College of Engineering and Technology - Surat on 12.04.2013. More than 500 faculty from various GTU affiliated BE colleges were trained during these FDPs about this PDE activity.

After attending these FDPs, organized by GTU, faculty members from various institutes had delivered seminars on PDEs for their Final year BE students at their respective colleges. This 3rd report comprises of reports GIC has received from the following colleges:

**Grow More Faculty of Engineering (GMFE), Himmatnagar
Faculty of Engineering Technology and Research - Bardoli
Valia Institute of Technology – Valia, Bharuch**

These three Colleges have conducted such seminars for their students.

The first such compiled report from the following colleges: Veerayatan Group of Institutions – Mandvi, Kutch, Universal College of Engineering and Technology – Kalol and Shroff S.R. Institute of Chemical Technology - Vataria, Ankleshwar is available at:

http://www.gtu.ac.in/circulars/14March/27032014_052.pdf

The second such compiled report is from Dr. Jivraj Mehta Institute of Technology (DJMIT) – Mogar, Amiraj College Engineering and Technology - Khoraj, Sanand and LDRP Institute of Technology and Research, Gandhinagar. The Report is available at:

<http://www.gtu.ac.in/circulars/14Apr/10042014.pdf>

The Objectives of the seminars on PDE at Colleges: These seminars and related activities are organized to make students familiar with primary requirements of patent filing procedure in India. The students learn about the necessary forms to be filled, the information required to be added in these forms, the associated time limit for various activities, fees to be paid etc.

Grow More Faculty of Engineering (GMFE), Himmatnagar

The Grow More Faculty of Engineering under the guidance of GTU, has provided continuous guidance to their final year student in their pre-final semester when they have worked out their project idea to perform a search for a patent in the area similar to their projects so that they can avoid even unintentional copying of project ideas and to develop innovative projects.

Further GTU Innovation Council has introduced “Patent Drafting Exercise” (PDE). TO support this PDE GIC has organized various FDPs. From our institute **Asst. Prof. Maitrey Patel** (HOD CE Department), **Asst. Prof. Nirav Patel** (EEE Department), **Asst. Prof. Ashish Patel** (Mech. Department) has attended this FDP on 15/02/2014, Saturday at GTU Chandkheda campus.

It is necessary that every final year student should learn about the process of patent search, analysis and drafting. So to guide the students of GMFE we have organized a seminar of “Patent Drafting Exercise (PDE)” on **10th March 2013, Monday** 11:30 am onwards. A team of student coordinator **Samir Donga, Sunil Golani** and **Valmik Gor** has successfully coordinated for organizing this seminar under the guidance of Asst. Prof. Maitrey Patel, HOD of CE Department.

In this seminar, organizers have discussed many aspects related to patent. As an initiator **Asst. Prof. Maitrey Patel** has started the session by providing basic information of patent like what is patent? Why it is important to search for patent for any research work? How to search for patent? And how to draft and apply for Patent ? And in this way the entire seminar has been conducted by team.

Hear a brief outline of the entire seminar has been given.

- Basics of Patent
- Definitions related to patent
- Objective of Patenting
- Requirement/Criteria’s for Patentability
- Inventions which are not patentable (Section 3 & 4)
- Indian Patent Office, Address, Scope, services offered, Jurisdiction of each office.
- Patent Filing procedure in India
- Performa Form 1 - Application for Patent
- Performa Form 2 - Provisional/Complete Specification
- Performa Form 3 - Statement and Undertaking
- E – Filling procedure in India and fee structure for entire Patent drafting process.

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After attending this seminar students get perfect idea for the patent search methodology, Patent analysis and procedure to draft and file patent. All the students have also brief information about how to work in PDE. All students had participated actively in this program and positive feedbacks were obtained from students for this newer activity launched by GIC. Some snap shots about the organized seminar are given below. A report for this seminar is prepared by **Asst. Prof. Hardik Patel** (IT Department, GMFE).



Faculty of Engineering Technology and Research - Bardoli

With reference to the GTU circular a “Patent Drafting Exercise (PDE)” was carried out at Seminar Hall, Faculty of Engineering Technology and Research on **19th March 2014**. The program was initially organized for chemical branch and later on it will be carried out for other branches too. College has planned to conduct a seminar batch wise, so that students felt free to ask questions and solve their queries.

The seminar was taken by **Prof. Chirag C Mevada**. All the faculty members of Faculty of Engineering Technology and Research appreciated that GTU Innovation Council has taken a very good approach for the students by introducing PSAR and PDE, and these activities are going to become a part of their final year project.

Institute have already organized seminar on PDE for chemical branch on 19th March 2014 and planning for completing PDE for remaining other branches latest by 1st week of April. By attending a seminar on PDE participating students as well as all faculty members have clear understanding on how to file the provisional patent if they find their project as innovative. Also this kind of activity adds one unique skill in to our students from final year. In future this will be beneficial for students as well as faculty to a great extent.



Feedback from the participants:

- The content of this program was interesting. Seminar was informative, full of common sense and all topics had great value.
(Patel Ankit, 7th semester Chemical Department)
- It's a great seminar, will be effective to all participants. Very lucky to have heard about it.
(Dhruv Patel, 7th semester Chemical Department)
- I felt all the topics were important and essential for everyone from technical streams.
(Prof. Krunal Ramanandi, Chemical Engg. Department)

Valia Institute of Technology - Valia, Bharuch

Valia Institute of Technology has organized workshop on “PATENT DRAFTING EXERCISE” on 24th & 25th February 2014. Assistant Professor Mr. RATHOD HARESHKUMAR MANILAL had conducted the workshop for all the students of all the branches of engineering. The topics covered under the workshop are:

- Basics of Patent
- Definitions
- Objective of Patenting
- Requirement/Criteria's for Patentability
- Drafting of Provisional Specification
- Drafting of Complete Specification
- Fees for Provisional Application
- Inventions which are not patentable (Section 3 & 4)
- Indian Patent Office, Address, Scope, services offered, Jurisdiction of each office
- Patent Filing procedure in India
(Forms No, Title, Purpose, fees and if any time limit)
- Complete Specifications (Rule 13)
- Performa of Form 1, 2 & 3 explanations for each item under all forms

- How to do e-filing?
- How to generate report of Patent Drafting Exercise (PDE).
 - Form 1 (Application for Patent)
 - Form 2 (Provisional/Complete Specification)
 - Form 3 Statement and Undertaking
- Rules for Drawings.
- Case Study of Patent

In the seminar, the discussion on all the topics regarding the Patent Drafting Exercise (PDE) was made. This seminar is very helpful to the students of final year as well as the faculty members. Students have shown very good interest in this seminar. This is possible and adds value by providing study material to the faculty member and students.

In the seminar student and faculty have been provided copy of Patent Form No: 1, 2 and 3 for their better understanding about Patent Drafting Exercise. As a future agenda and action plan institute will organise a seminar on Patent Search and Analysis Report (PSAR) and Patent Drafting Exercise (PDE) for pre-final year students before they are going for UDP/IDP.



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