

## **Patent Search Methodology and Analysis by Final Year Engg Students**

**2<sup>nd</sup> report regarding seminars organized by various GTU affiliated colleges for the final year BE students to guide them on how to generate Patent Search & Analysis Report (PSAR)**

**Government Engineering College – Modasa, Universal College of Engineering and Technology –Gandhinagar, Ahmedabad Institute of Technology – Ahmedabad, Narnarayan Shastri Institute of Technology – Jetalpur**

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 LJJET-Ahmedabad, SRPEC-Unjha and SNPIT & R C-UMRAKH, ([http://www.gtu.ac.in/circulars/13June/Report\\_11thSept\\_PSAR.pdf](http://www.gtu.ac.in/circulars/13June/Report_11thSept_PSAR.pdf)) this second report will comprises details about seminar's conducted to guide students about PSAR generation following pioneer institutions: Government Engineering College - Modasa, Universal College of Engineering and Technology - Gandhinagar, Ahmedabad Institute of Technology - Ahmedabad, Narnarayan Shastri Institute of Technology – Jetalpur.

After attending workshop organized for Faculty members by GIC at LDCE, Ahmedabad, the faculty members trained the Final Year B E students about PSAR generation.

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### Government Engineering College, Modasa

Government Engineering College, Modasa has arranged seminar on Patent Search and Analysis Report (PSAR) for students of Computer Engineering and Information Technology on dated 12<sup>th</sup> Sep 2013 in Conference Room, EC building.



Seminar was arranged by Prof. Hardikkumar D Patel and Prof. Y M. Chaudhari. Professor Hardikkumar Patel and Y M. Chaudhari have given lectures on basics of Patents, Its requirements & benefits for promotion of R&D activities.



Professors have introduced students with online system of PSAR and guided students on how to generate PSAR. Students have shown great response towards these new activities and also involved in practical session on PSAR.

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### Universal College of Engineering and Technology, Gandhinagar

UCET-Gandhinagar had organized workshop for final year students of mechanical department on 11<sup>th</sup> September 2013, which includes a seminar on PSAR & another session for PSAR exercise in computer laboratory. Around 90 students and 20 faculty members attended the workshop & taken its advantages.



The response from faculty member and students was very good & appreciated PSAR activity initiated by GTU Innovation Council (GIC).

Some of the faculties also mentioned that, these kinds of activities of GTU will help the students to improve their knowledge & make them updated about new technologies in the world. Obviously this step of GIC will encourage the final students to put more efforts in their IDP/UDP project.

“Online Project Tracking System” launched by GTU on this year, was also appreciated. It will make regularity & improve quality of each IDP/UDP project.





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### Feedbacks by students & faculty members:

- ✓ GIC has taken good initiative in the direction towards the PSAR for the students which is really very useful to them to know how to search a patent in the relevant fields. Not only for the students but it is also useful for the faculty members to update in the current scenario in the respective fields.  
(Prof. Mittal d Patel, HOD, Mech Dept, UCET)
- ✓ Its good step taken by GTU and it's very help-full to students as well as faculty, Thank you.  
(Prof. Vinay Verma, Asst Prof.,Mech Dept , UCET)
- ✓ GIC is taken very nice work shop; this thing is very useful to student as well as faculty members.  
(Prof. Vatsal Shah, Asst Prof.,Mech Dept , UCET)
- ✓ Obviously, It will be beneficial for individual students, industries and also society. It's noteworthy step of GIC and I really appreciate for that.  
(Patel Sanket, Student-UCET)
- ✓ I appreciate this year GTU has organized more innovative program related to engineering field. I didn't know much more about patents analysis before this activity held by GTU and our college committee also did well to make us understand this activity.  
(Amit Maniyar, Student-UCET)
- ✓ Patent search process is helpful for all students, to make us aware with the new technology related to our project and we got the idea how to progress in project work.  
(Kharadi Dhaval, Student-UCET)
- *College has planned PSAR activity with asking students to bring **at least 20 Patents** per student related to their projects. After that Internal Guides will guide and sort list most relevant 5 patents per student related to their project. College has also planned one club related to patent search or any other patent related information. Also try to add interested students from first, second and third year in this club.*

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### Ahmedabad Institute of Technology, Ahmedabad

To follow IPR/Patents and PSAR activities initiated by GTU, Ahmedabad Institute of Technology (AIT) has organized a seminar on 12th September 2013 in Mechanical Engineering Department at college. About 110 students and 12 faculties participated in this seminar and all of them have enjoyed getting information related to patents, and how to interlink this information to improve each project work and to make it innovative. The seminar was conducted by Prof. Arun Karsariya.



### Feedbacks by students & faculty members:

- ✓ GIC introduce the perfect topic at proper time to stand in current scenario of technology. It is helpful for not only students but also for the faculties to be aware of level of technology.  
(Prof . Ronak Raval, faculty)
- ✓ GIC have initiated great work, it will be very beneficial for the students.  
(Prof. P G Halvadia, Faculty)
- ✓ Definitely, after attending this seminar we are surely encourage to do innovative work. Very much thanks to GIC and faculty of our college.  
(Patel Devang, Student – AIT)
- ✓ I am motivated to grow technical knowledge at global level. After attending this seminar I come to know that innovation will be more helpful to me in project work. So from now I will do it seriously. I am very thankful to our Arun sir to give us this knowledge which is directed by GIC.  
(Surani Dhiraj, Student – AIT)

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### Narnarayan Shastri Institute of Technology - Jetalpur

Workshop for awareness about IPR/Patent and guiding way to students about PSAR was conducted on 12<sup>th</sup> September by Prof. Piyush D.Patel, Prof.Kinjal C.Patel, Prof.Virendra Parmar, Prof.Malhar Chauhan at Narnarayan Shastri institute of technology, Jetalpur. About 250 students and 10 faculty members were participated in this workshop.



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### Feedback From Faculty & Students

In India we have very poor knowledge regarding IPR but after attending this kind of seminar we can come to know about the position of India in research and patent world. GTU should motivate the students to do some more seminars and patent registration so that we can start our journey towards the research. (Mr.Rajvirsinh Vaghela, Asst.Prof. in CSE)

We have attended the workshop regarding patent search and we have conducted the reporting seminar for students at our college. This has been so informative to students also makes them aware from current research trends. Students are directed to new horizons of technologies. (Mr.Anand Chauhan, Asst.Prof in CSE)

Patent is very important in our life so by attending workshop of patent search and methodology at LD college organized by GTU. We have conducted such seminar in EC department at our college. (Mr.Malhar Chauhan, Asst. Prof. In EC)

By attending this workshop students can able to share and grow up their mind. Students will be able to learn the current scenario regarding to their topic of IDP/UDP. (Mr. Samir Gami, Asst. Prof in CIVIL)

We learnt very well from the seminar given by respected faculty members/experts. It will help us for feature research and study activity. (Chirag Makwana, 7<sup>th</sup> sem CSE)

We came to know what patent is all about! It was very helpful seminar conducted by respected faculty. Patent is really important in today's age. (Ruchi Yagnik, 7<sup>th</sup> sem CSE)

We come to know about the patent search process and benefits of this seminar from respective faculty. It's such a good thing which we learn at this level. (Jigar Patel, 7<sup>th</sup> civil)

By attending the seminar about patent search we will understand how to search the patent and we knew about the patent positions of India so we are encouraged and we will try our level best for patents. Overall its good seminar. (Raghuvir, 7<sup>th</sup> EC)



## **Patent Search Methodology and Analysis by Final Year Engg Students**

First of all we are thanking to the experts who explained us on what actually patent is and how we can go for patenting. After completion of successful workshop in our college, students will be aware of what actually patent is. They learnt now about ways for searching patent. Now they can know about some previous patents related to their projects too. Overall students might know far more than the syllabus.

(Faculty participant of the workshop on patent search)