

Patent Search & Analysis Report

Students must have to submit the data for all below mentioned questions only on the online project tracking portal using his/her Enrolment No. and Team Id.

For each studied patent, after filling/giving answers of all questions student can generate a PDF copy of report directly from the online project tracking portal.

After studying 5 patents by each student and generating its report, they can download a PDF copy of it and submit the hard copy to the college.

Sr. No.	Question	Answer
Part 1: Patent Search Technique Used		
1	Patent Search Database used*	Select any one from 1. Indian Patent Office database, 2. Espacenet (worldwide), and 3. Other (in case of other give details in next provided text book).
2	Keywords Used for Search*	Provide minimum 3 keywords, more than three keywords each separated by coma.
3	Search String Used*	Provide exact phrase consisting on keywords and Boolean operators used to get relevant results.
4	Number of Results/Hits Getting*	Give the number of related patents you get after using proper Search String.
Part 2: Basic Data of Patented Invention/Bibliographic Data		
5	Category/ Field of Invention*	Provide the branch of Engineering with which patent is associated (For e.g. Mechanical, chemical, electrical etc)
6	Invention is Related to/Class of Invention*	Provide the end field of technology with which patent is associated. (For e.g. – For automobile field's student: Patent is associated with gear, break, engine etc)
7	Title of Invention*	Provide the exact title of patent as shown on patent document.
8	Patent No.	For patent applications which are granted, give the patent number of such application here.
9	Application Number*	Provide the Application Number of studied patent here.
10	Date of Filing/Application*	Mention the date on which application for patent is made.
11	Priority Date	Mention the first date i.e. the date on which application for patent is made for this invention in any country. It will be available from patent related documents.
12	Publication/JournalNumber	Mention the Publication No./Journal No./Bulletin No etc in which application for patent is published.

13	Publication Date	The date on which application for patent is published in official patent journal/bulletin.		
14	First Filled Country	Mention the country where application for patent is made first for particular invention.		
15	Also Published as	Countries Where Filled	Application No./ Patent No.	
		Give details of one or more countries and relevant application/patent number in which application for patent is made to protect invention		
16	Name of Inventor/s*	Address of Inventor*	City of Inventor	Country of Inventor
	Give details of one or more inventors associated with development of invention			
17	Name of Applicant/ Assignee*	Address of Applicant*	City of Applicant	Country of Applicant
	Give details of one or more applicant/assignee who has made an application for patent, and who owns the rights of patent.			
18	Applicant for Patent is*	Mention whether the applicant for patent is an individual person/s or an organisation (Company/College/University etc). Select any one from Individual/Organisation		
Part 3: Technical Part of Patented Invention				
19	Limitation of Prior Technology/Art*	Give details about, what are the problems associated with previous available technologies.		
20	Specific Problem Solved/Objective of Invention*	Give details about objectives and benefits of particular Invention/Patent.		
21	Brief about Invention*	Give in-detail brief information about patent, and its technical details.		
22	Key learning Points*	Give details of key learning points each student has understood after studying each patent.		
23	Summary of Invention*	Here students have to give details about what they have understood after reading a patent document. What is the invention about? What are problems of prior art? What are its benefits? Etc. Students have to make summary of each patent in not more than 500 words.		

24	Number of claims*	Give the number, How many claims are there in patent.
25	Patent Status*	Select any one which is suitable for studied patent – Published Application/Granted Patent/ In-force Patent/ Failed to maintain the Patent/Expired Patent
26	How much this invention is related with your IDP/UDP? *	Select any one indicating % relevance of this patent document with you IDP/UDP. : > 91 %, 71 to 90%, < 70 %, Not related to IDP/UDP
27	Do you have any idea to do anything around the said invention to improve it? (Give short note in not more than 500 words) *	After studying each patent thoroughly and by answering all the previous questions, each student has to answer this question very carefully and give your valuable ideas in a very precise manner. Here students have to think for any possible modification/improvement in the studied patent he/she can make so as to maximise its effectiveness/user friendliness. Students have to give idea about possible alterations they can make in briefly about 500 words.

NOTE:* Indicates Compulsory Field