



**GUJARAT TECHNOLOGICAL UNIVERSITY  
(GTU)  
INNOVATION COUNCIL (GIC)  
Patent Search & Analysis Report  
(PSAR)**



**Date of Submission : 20/10/2018**

Dear Notani Prashant Ramesh,

Studied Patent Number for generation of PSAR : 18BE7\_150770107177\_3

**PART 1: PATENT SEARCH DATABASE USED**

1. Patent Search Database used : Google Patents

Web link of database : <https://patents.google.com/>

2. Keywords Used for Search : teacher,students,portal

3. Search String Used : teacher students portal

4. Number of Results/Hits getting : 1171

**PART 2: BASIC DATA OF PATENTED INVENTION /BIBLIOGRAPHIC DATA**

5. Category/ Field of Invention :

6. Invention is Related to/Class of Invention : Real time project

6 (a) : IPC class of the studied patent : 101145923A

7. Title of Invention : Interactive education network integrated platform

8. Patent No. :

9. Application Number : CN101145923A

9 (a) : Web link of the studied patent : <https://patents.google.com/patent/CN101145923A/en?q=teacher&q=students&q=portal&patents=false&oq=teacher+students+portal>

10. Date of Filing/Application (DD/MM/YYYY) : 03/19/2008

11. Priority Date (DD/MM/YYYY) :

12. Publication/Journal Number :

13. Publication Date (DD/MM/YYYY) :

14. First Filled Country : Albania :

**15. Also Published as**

Sr.No	Country Where Filled	Application No./Patent No.
1		

**16. Inventor/s Details.**

Sr.No	Name of Inventor	Address/City/Country of Inventor
1	Bright beam	Chinese

**17. Applicant/Assignee Details.**

Sr.No	Name of Applicant/Assignee	Address/City/Country of Applicant
1	Bright beam	Chinese

**18. Applicant for Patent is** : Application

**PART 3: TECHNICAL PART OF PATENTED INVENTION****19. Limitation of Prior Technology / Art**

We have established the communication but we can't make it interactive in this we have tried to make it interactive

**20. Specific Problem Solved / Objective of Invention**

we have tried to make communication interactive

**21. Brief about Invention**

The invention relates to an environment, content, a method and a tool for integrating education, which is based on an internet education resource server, a connection courseware base, a test database, a component base, a teacher record base and a student record base, and provides such four services via internet as a portal management center system, a classroom management center system, a virtual management center system and an e-commerce center system. The center thereof is that teaching is performed via an interactive education platform, all details in the teaching test of students and teachers are recorded, summarized and analyzed, and a teaching approach with pertinence and personalization is achieved. Teachers can selectively edit teaching materials, students can learn anytime and anywhere, and parents also can participate. The invention is used to realize the management related to teaching and information transferring between students, teachers, parents, schools, governments and commercial establishments, the interaction therebetween is strengthened, the related statistic analysis information is provided online, information resources act as the basis for optimizing every student and even the whole education with the assistant e-commerce, and the service and products related to the education are provided.

**22. Key learning Points**

An interactive educational network integrated teaching environment, content, methods, tools and methods integrated platform to achieve educational services and information services among students, teachers, parents, schools, government

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**23. Summary of Invention**

Interactive educational network integrated platform The present invention is an integrated teaching environment, integrated network platform interactive educational content, methods and tools to achieve educational services and information services among students, teachers, parents, schools, government. With the development and use of electronic information technology education has gradually penetrated into all aspects of the education system. Online e-learning, electronic classrooms already in many large and medium cities began to gain popularity. Provide teachers through e-learning situation for students all sorts of "personalized" education services, the volume of information services, more efficient and more comprehensive knowledge, to make up for some shortcomings of traditional teaching, has become an important auxiliary teaching methods, to improve students' learning and teachers teaching level provides a good way. Currently, a new round of curriculum reform in progress, whether it is teaching objectives, teaching content, teaching mode or modes of examination and evaluation to the new changes. Teaching objectives is to enable students to achieve knowledge and skills, processes and methods, attitudes and moral values of the three unified, not just the pursuit of pure knowledge; additional versions of textbooks and teaching content throughout diversification, is no longer a Gang one, but more than, Multiple; teaching method was no longer just a lost filling type, spoon-feeding, but to enable students to actively participate, willing to explore, develop their ability to analyze and solve problems, as well as exchanges and cooperation capacity; completely back knowledge can not fully meet the test, students must have a more innovative spirit and practical ability and then test a success. In recent years, a strong proponent of quality education, a new round of reform of basic education curriculum materials are in full swing, but also to

educational software, online education or educational development network pressure. In "One Standard, Multiple" situation, many textbook version around, to developers to bring increased funding for R & D investment and increased market risk. Educational software also need to consider how to meet the parents and students of this strong demand. The way schools collect and process relevant government departments of education and teaching of information, a summary report on the General always step by step, the transmission of information is not timely and distortion are inevitable. The present invention is made to solve the many problems of the education sector to provide a comprehensive solution. In order to accelerate the implementation of the national "technology and education" policy. This interactive educational network integrated platform integrates advanced existing and components that can be achieved to reach to promote education: • information technology, products and services; • multimedia forms of expression; • method of entertaining; • Automatic and manual control intelligent; • a large amount of data collection, classification and collection; • quick delivery service, information and data. The present invention integrated educational environment, educational content, teaching methods and educational tools, set up interactive educational server on the Internet, a server connection courseware library test library, component library, and provide portal management center system via the Internet

**24. Number of Claims** : 10

**25. Patent Status** : Published Application

**26. How much this invention is related with your IDP/UDP?**

71 to 90%

**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)**

we have tried to make communication interactive