

# **Some ways to Improve Self-Research Capacity for University Students Today**

**Nguyen Tan Danh**

FPT University, Vietnam

Email : DanhNT16@fe.edu.vn

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## **ABSTRACT**

In today's modern society, we need to create many encouraging conditions for students to have a passion for learning and research and to help students have the opportunity to access new research information in the library to the world. To contribute to the formation of students' self-study and self-research capacity, the school gradually builds an academic environment, creating conditions for students in the school to participate in scientific research activities. This is a prestigious academic playground, through which the school continues to discover and foster creative ideas and solutions, contribute to solving practical problems and serve the community. The results show that, through scientific research competitions, students have the opportunity to accumulate experience, learn scientific thinking methods, solve problems, write scientific reports, work in groups as well as submit presentations. presenting scientific results and ideas. From the knowledge and research results gained, young people who are passionate about scientific research will have the opportunity to develop and further expand their topics, thereby applying them into practice for their future work.

**Keywords:** modern society, students, self-research capacity

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## **1. Introduction**

The system of colleges and universities in the province now plays an important role in training high-quality human resources in order to continue the cause of building and developing the economy of the province. After graduating, students must have solid professional qualifications and flexible working methods, making an important contribution to the construction and economic development of the province. To do so, on the one hand, they need to make efforts to study, on the other hand, the training quality of colleges needs to be paid due attention [1].

Improving the quality of training makes an important contribution to helping students not only train themselves in their cognitive abilities, apply concepts, study, research, improve their own qualifications, but also have the ability to flexibly and creatively apply the knowledge they have learned to effectively solve social and professional practical problems in the future. Improving self-study and self-research capacity is very necessary for students while still in school but also when they graduate to integrate into society and in the future work environment [2].

Self-study and self-research capability are the subject's ability to self-evaluate, orient, and correct weaknesses in order to perfect himself according to the standards of his future profession [1]. Being trained in this capacity, many students will know how to take advantage of time to self-check their level, capacity and overcome their weaknesses, develop methods, detect contradictions, state and perceive problem situations from practical learning, scientific research, practice and real life, knowing how to point out the way, methods of acquiring new knowledge, effectively searching and exploiting resources for recovery. self-study process, self-study [3].

Self-study and self-study are important for students. Through self-study activities, students will develop the ability to work independently, autonomously, passion for creativity, self-discovery, discover, supplement and perfect the missing knowledge. On that basis, students will have the ability to practice self-study and self-research to improve themselves. work, know how to make the most of free time, synthesize and analyze, document statistics to supplement, deepen knowledge, and improve themselves.

Towards the improvement of students' self-study and self-research capacity, it will contribute to promoting the initiative and creative capacity of students, helping students to actively participate in contributing to the development of articles and expressing opinions. or participate in group debates, connect learned knowledge with reality, or find ways to apply it in practice [4].

Therefore, researching and providing solutions to improve students' self-study and self-research capacity is an urgent requirement, contributing to improving the learning quality of students, creating conditions for them to study well, worthy of being the future owner of the country.

## **2. The importance of self-research activities in students**

In the process of teaching and learning activities, teachers not only stop at imparting existing knowledge, just ask students to memorize, but more importantly, orient and organize for students to discover on their own. new laws and properties of scientific problems. Helping students not only grasp knowledge but also know how to find that knowledge [3].

Practice as well as modern teaching methods also clearly define: the higher the education, the more important it is to self-study, when it comes to teaching methods, the core is teaching self-study. Self-study method is the bridge between learning and scientific research. Because college students are not high school students. They need to have a habit of doing scientific research, and to get that habit, they can't help but learn through self-study. To be successful on the path of learning and research, you must be able to detect and solve the problems that life and science posed.

One of the important qualities of each individual is positivity, initiative and creativity in all circumstances. And, one of the important tasks of education is to form that quality for learners. Because of that, the new education hopes to train dynamic, creative people who can adapt to all labor markets, contributing to community development [5].

Self-study helps people to be able to actively learn for life, to learn to assert their competence and to contribute. Self-study helps people adapt to all events of socio-economic development. By the way of self-study, each individual will not feel behind with the times, adapting and catching up quickly with new situations that modern life brings, including great challenges from the environment. job. If training for learners to have methods and skills for self-study, and to be flexible in applying what they have learned into practice, it will create their desire to learn, so that learning results will be increasingly improved [4].

With the above reasons, it can be seen that, if a self-study method is built, especially self-discipline, positive will, initiative and creativity will arouse potential capacity, create great endogenous motivation. great for learners.

## **3. Solutions to improve students' self-research**

Self-study skills are one of the life skills, which directly affect the efficiency and quality of students in the learning process at the school. In the college and university environment, students' main form of learning is self-study and self-study. Especially when universities and colleges implement credit training, self-study activities are even more important and necessary for students. To get good results in the learning process, students must know how to self-study and practice self-study skills.

During the past years, the self-study and self-study in learning of the school's students has improved a lot, especially after switching to credit-based learning. However, there are still many limitations in the self-study and self-study of school students.

Most students do not have a plan for self-study of science, are confused in determining the right self-study method for themselves and for each specific subject, especially for first-year students because they are still familiar with the way they study. study at the high school level.

Students do not have the habit of reading documents and research, but mainly rely on lectures and materials provided by lecturers, do not know how to synthesize knowledge gathered through studying documents [2].

The source of reference materials for the subject is limited, students mainly rely on materials provided by lecturers or refer to documents on the Internet, there are not many official documents for students to refer to when researching [6].

In teaching, teachers should focus on using many active teaching methods and measures such as: teaching by raising and solving problems, group discussions, group activities, project teaching, question and answer method, etc. role-playing method, etc. This teaching method highly promotes the positivity, independence and creativity of students, towards the maximum development of students' autonomy in learning, developing the capacity to work independently and research on their own. the basis of the study plan that the student has set.

However, in order to teach in an active way, teachers have to put in a lot of effort compared to teaching in the traditional method of passive explanation. As an organizer, designer, and guide for students in learning activities, lecturers must regularly learn, research and use modern teaching methods in combination with traditional teaching methods. artful, appropriate way [7].

Towards innovating teaching and learning methods, students will actively participate in writing lessons, expressing opinions or participating in group debates, relating what they have learned to reality, or find ways to apply it in practice, improve self-study and self-study capacity in each student [3].

Teaching practice shows that, for theoretical subjects such as: Politics, Text Editing, English, for effective teaching hours and contributing to improving students' self-study ability Students, must use a combination of methods such as: presentation, problem-solving, prompting, creating situations, learners' participation, etc. However, the presentation is still the dominant method, but it must be a presentation. there is innovation, innovation in the direction of stimulating the activeness and creativity of learners, forcing learners to always brainstorm, that is, in the presentation, there are problems, questioning, creating situations, etc. learning to think, self-explain, self-relate, apply in practice, thereby creating good effects for the classroom and students' self-study ability [5].

This is an active form of teaching and learning through exchange, questioning, and dialogue between lecturers and students, and between students and students, thereby helping students to grasp theoretical and practical knowledge of the subject. better. The discussion and group presentation force students to read and study the material, increase group activities to find the best solution for the presentation. In discussions and presentations, lecturers need to encourage questioning, debate, and involve a large number of students; have comments, evaluate working spirit, quality of discussions, presentations, etc.; properly encourage, motivate, and motivate (for example, adding points to students) to increase students' learning spirit.

Strengthening the practice of allowing students to write subject essays and do major exercises will help students familiarize themselves with scientific research, deepen their understanding of the basic issues of the subject, and initially know how to associate theory with science and technology. practice, contributing to the practice of students' writing skills. To do essays and major exercises, students have to collect and process information, read, write, that is, use scientific research and learning methods, thereby contributing to improving their skills. self-learning force.

In the process of teaching subjects, the lecturer needs to determine the learning objectives of each subject, each lesson, guide to master the basic knowledge, set and solve the main problems in the lesson, conduct Read documents, look up, prepare to do exercises. Such work supports students to self-study, under the guidance of lecturers, in a positive and creative way, in accordance with the requirements of active learning methods. Classroom teaching hours must be the hours when students' learning activities are scientifically and appropriately designed, organized, tested and evaluated by the lecturer to create an interest in learning and a need to explore. problem solving, critical thinking and problem solving [1].

Each lecturer needs to improve the quality of teaching his or her subject, constantly update new knowledge and offer appropriate teaching methods for each student, each discipline.

In the beginning of the courses, the lecturer will provide the course outline and the core knowledge of the course. Depending on each subject, the lecturer will offer appropriate teaching methods to promote the self-study and self-research ability of students with the subject. Besides, teachers also need to be aware that, no matter what teaching method is applied, it must also achieve the goal of helping learners to easily understand the lesson, grasp the essence of the problem and especially the size of the problem. enjoy students' creative thinking, positivity and self-study ability.

Right from the beginning of the course, the lecturer must help the students to have a clear and correct understanding of the main purpose and content as well as the learning method of the subject. Students from the beginning will have to define for themselves a clear purpose of learning to have knowledge and skills to serve their professional activities later. From such awareness, new learners have a positive spirit for self-study activities and therefore, have a sense of regularly improving their self-study capacity [3].

For anyone who wants to learn really effectively, the goals, tasks and learning plans must be specific and clear. In which the plan must be defined with high goal orientation. That is, a short-term, long-term plan, even each subject, each part must be created clearly and consistently for each specific time and period to suit their own conditions and circumstances. The next problem is to choose the right focus, what is the core is important to prioritize direct impact and spend time and effort on it. If the study is spread out and lacks concentration, it will certainly not be effective. After determining the focus, the work must be arranged in a logical manner in terms of both content and time, especially focusing on completing each part and each item in the order shown in detail. details in the plan. That will help the learning process go smoothly.

In the current era, with the rapid explosion of global information, students' learning activities are not only confined to the school but also extend to many different social environments. Therefore, information is one of the basic and necessary factors for students to supplement and perfect their professional knowledge. After receiving information, students must know how to process, select and classify information to serve their expertise, research, professional training, and enrich their own knowledge. Promoting the capacity of receiving, processing and synthesizing information to serve learning activities among students, contributing to improving the students' activeness and initiative in learning and doing scientific research [6].

Forming a positive study habit is very important, it helps the learning process, especially self-study, to be continuous and long-lasting. To have a good self-study habit, students need: selective learning, passionate learning and process learning. In order to master professional knowledge, students must creatively apply principles, viewpoints, and dialectical materialistic methods to grasp the conceptual system, and at the same time must have understanding of basic science subjects. copy, interdisciplinary, knowledge about social life. Students need to be sensitive and flexible when choosing learning methods and accumulating expertise in accordance with their own abilities.

Forming the habit of self-study and self-research: Stepping out of high school and into college and university, students must be exposed to new learning methods and form a habit of self-study and self-study. assist. Forming a positive study habit is very important, it helps the learning process, especially self-study, to be continuous and long-lasting. To have a good self-study habit, students need: selective learning, passionate learning and process learning. The treasure of knowledge is endless, the source of reference materials for the subject is also very rich, when reading the material, students must be selective, need to learn carefully, choose the right knowledge and skills to be equipped, avoid spreading, superficial learning, knowing everything but only vaguely, not understanding the essence of the problem [7].

To be able to absorb the lecture well, students need to attend school fully, take careful notes. During class, try to focus and actively interact with the teacher, always ask questions when there are questions. This will help students remember longer, contributing to stimulating thinking, especially creative thinking. Self-study capacity will therefore be gradually enhanced through the development of thinking and receptive ability.

Improve self-study through understanding and problem-solving ability, strengthen exercises, especially the case exercises mentioned by the lecturer, record examples, memorize outlines, key words and phrases. focus thinking to always be proactive and understand the true nature.

In addition, students need to be equipped and practice well with learning methods such as: finding documents, reading documents, listening to lectures, mapping knowledge, learning with textbooks, and learning with teaching

aids. study, study through seminar, study in groups, learn through scientific research, learn through internship, practice, etc.

Along with that are methods of remembering information, expressing opinions, writing scientific passages; methods of self-examination and assessment. At the same time, students also need to be well equipped and perform well with soft skills such as time management skills, teamwork skills, presentation skills, Problem-solving skills, etc.

Self-study is a process, so if students build a specific and reasonable study timetable, the self-study process will take place smoothly and without interruption. will be accumulated gradually. On the contrary, if students study without rules or inappropriately allocate time, it will cause boredom and forgetfulness, and the habit of self-study will gradually fade away.

The teaching staff is one of the decisive factors for the development of training in terms of both scale and quality. According to the goal of developing the system of colleges, universities and technical training centers of the country, the need to increase training of lecturers is very large [4].

There are plans and programs to regularly carry out fostering and training to improve professional qualifications, etc., on that basis to effectively implement the innovation of human resource training content and methods. Each lecturer must self-improve, accumulate knowledge, improve both breadth and depth, and have an objective and scientific way of organizing teaching.

On the part of the faculties, it is necessary to regularly exchange expertise and conduct scientific activities to improve the professional qualifications of their faculty members. Organizing scientific seminars, talks and exchanges around the issue of improving students' self-study ability, thereby helping students learn methods and experiences to apply in their studies. self-study process.

Regularly capture feedback and contributions from students to improve management regulations. In addition, the Youth Union and Student Union need to deploy healthy cultural, artistic and sports activities to attract a large number of students to actively participate, in order to exercise health and educate morals, a noble living ideal for each student.

It is necessary to regularly expand mechanisms and methods of contacting and meeting with students on learning-related issues such as curriculum framework, teaching quality, and evaluation of lecturers. In addition, the assessment and grading of training as well as the policy of scholarship, reward and discipline for students in each semester, each academic year or the whole training process must ensure the principle of objectivity, fair, effective, creating motivation to promote the learning emulation movement among students. [3]

Facilities directly affect the quality of teaching and learning. Through physical conditions, teachers can innovate teaching methods and improve the quality of teaching and learning. Renovating, upgrading and equipping more modern technical means for the teaching process is an urgent requirement today. Modern and convenient facilities suitable to teaching requirements are not only convenient for mastering scientific knowledge but also train students in skills and methods of effective use of technical means. that into research and professional development, career, improve the quality of work in the future [5].

Ensure the best facilities for students' self-study activities, equip more reference resources for the subject, have more computers so that students can access and find documents to study. self-study for subjects at the library. Strengthening student support in terms of study materials by continuing to develop a reading library system and an online library with rich and up-to-date resources, convenient and easy exploitation, to meet the needs of students. student learning.

#### **4. Conclusion**

It can be said that scientific research is a practical benefit for students. When carrying out scientific research, students will have the opportunity to promote their creative thinking, research ability, and how to detect and solve problems. At the same time, through which students will be more active in learning, improve communication skills, develop teamwork skills, etc. Especially, this will be an important premise to create conditions for you to do well on your essay. That's the benefit, but many students are still hesitant with scientific research because they have not found the topic idea.

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