Research on Educational Management Strategies of College Students, who was born after 2000 in Energy Major

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Abstract. The new generation of post-00s has quietly entered university campuses, and higher education faces new challenges. This article takes undergraduates majoring in energy as the observation object. Through individual interviews, questionnaire surveys, activity evaluations and other methods, we analyze and study their growth background, ideological behavior characteristics, and finally we propose targeted education management strategies.

1. Introduction
Whenever a new era comes, a new generation of people will inevitably receive special attention from the whole society, and they will inevitably be deeply imprinted with the unique brand of this era. In 2018, colleges and universities nationwide ushered in the "post-00" college student group. Universities have entered the era of the post-00s, and the post-00s have quietly entered the stage of human history. The 00s are different from the 90s and 80s. They have the characteristics of their times. At the same time, students will present different characteristics in different professional categories. Therefore, for college educators, it is necessary to take the student as the center and personally look at the student groups of different ages and specialties with a development perspective, re-examine student education, conduct in-depth research and systematically summarize, and find out the post-00 New features, new situations and new problems, establish new education concepts, adopt new education methods, and do not follow the old education methods in the past after the old ones, that will inevitably produce bad results. This article takes undergraduates majoring in energy as the observation object, analyzes and studies their growth background, ideological and behavioral characteristics through individual interviews, questionnaire surveys, activity evaluations, etc., and proposes targeted education management strategies.

2. The growth background of college students born after 2000
In terms of social environment, with the advent of the Internet era, China's socio-economic development has developed rapidly. Microsoft released the windows2000 operating system, the Internet era is fully open and rapid development. China joined the WTO in 2001, Yang Liwei took the Shenzhou 5 to heaven in 2003, hosted the Olympic Games in 2008, and China became the world's second largest economy in 2010. China's politics, economy, and technology are flourishing. The emergence of entertainment phenomena such as idol trainees, creation 101, and vibrato app has dazzled entertainment consumption. After being born in 2000, students are surrounded by a large variety of information from the beginning,
which promotes their maturity in advance, active thinking, and the ability to acquire and process various information early. At the same time, due to multiple information, birth after 2000, students came into contact with a variety of cultures. Under their own judgment, they chose and merged the cultures they identified to form an individual culture with the characteristics of students born after 2000.

In terms of family environment, the overall family environment is relatively superior. The parents of college students born after 2000 are already 70. The living conditions of families have been greatly improved, and the quality of family education has been significantly improved. The average monthly income of freshmen families in a college in Beijing in the past three years increased by more than 5,000 yuan per month (see Figure 1). Everyone has stepped into a well-off society, their material life has been greatly satisfied, and their spiritual life has been greatly improved. Parents and children are susceptible to the influence of diversified social thoughts and market profitability, and they have a pragmatic attitude as a whole. They believe in interests and desire success. Parents have higher expectations for their children. The child is the absolute core of the family, and parents invest a lot in their children's educational life.

![The income of newborn families in the past three years](image)

**Figure 1.** Per capita monthly income of freshmen in a college in Beijing in the past three years

In terms of education, students born after 2000 were born in a superior environment, and they enjoyed the fruitful results brought about by rapid social and economic development as soon as they were born. In particular, under the impact and integration of various concepts in China's education, the quality of Educational ideas came into being. At the same time, with more advanced education methods and teaching methods, they were guided by scientific and effective methods. They showed themselves and experienced society in their own way. At the same time, energy majors belong to engineering majors, which have different characteristics from those of liberal arts and science majors. Students who choose engineering majors generally prefer hands-on practice, with strong convergent thinking and strong logic. Most students are relatively introverted.

3. The ideological behavior characteristics of post-00 college students majoring in engineering

3.1. More confident and higher overall quality

The students born after 2000 studied in this article have a better living environment. They are born with the benefits of the tremendous development of society, and the society has put forward higher requirements for them. The social environment and family conditions allow them to have the conditions and ability to explore their potential and have more specialties in addition to their studies. They have received a comprehensive and more scientific training since childhood. Therefore, when they enter human history On the big stage, they are more confident and have higher comprehensive quality.
3.2. Stronger ability to receive information
Our research finds that students born after 2000 are in the information age of the rapid development of the Internet. A large variety of information is flooding students born after 2000, making them mature early, and they make good use of various tools to obtain information. Exercised the ability to process information quickly, and at the same time, through exposure to a large amount of information, they formed their self-judgment ability, and can quickly choose to receive the required information.

3.3. Strong sense of equality, democracy and freedom
Our research finds that students born after 2000 are living in the era of equality, democracy, and freedom. They pay attention to personal rights and responsibilities. They have been involved in all kinds of things they have contacted at home and at school since childhood. Including consciousness, parents and teachers will get along with them on an equal footing, and they will actively cultivate their democratic consciousness in participating in activities, and let them think and do things more freely. 69.2% of the freshmen's parenting style is democratic, which has been increasing year by year.

3.4. High degree of personalization
Our study found that students born after 2000 had highly differentiated population characteristics. After questionnaire surveys, universities most want to acquire 26% of professional knowledge and vocational skills, 24% of thinking and learning skills, 18% of communication skills, 16% of self-management skills, 9% of hobbies, 4% of campus romance, and 2% of student work. Students only want what they want, they need buffets, no table meals, and they do not meet the supply of similarity resources.

4. Education management strategy

4.1. Incorporate diversified educational concepts
Our research found that college students born after 2000 are no longer as obedient and fully obedient to teacher arrangements as they used to be. They are more concerned about self, confident and independent, and strongly demand equality, democracy and freedom, like performance, and hope to be respected and recognized. They were born in a pluralistic era and grew up in a diverse cultural atmosphere, so they have a diverse cultural philosophy, so for college educators, we must incorporate a diverse educational management philosophy into the birth In the education management of college students after 2000. We need to establish an equal way of communication with people born after 2000, give them more respect, and use encouragement and other means to guide them to grow, instead of the stern education method based on criticism in the past, which is outdated. No longer applicable to college students born after 2000. This diversified education concept is conducive to students' self-management, and also enables students to actively participate in various social activities and take the initiative to exert their talents and creativity. They will self-discover, self-improve, and truly achieve The purpose of comprehensive development.

4.2. Focus on diversified guidance methods
In our research on a diverse social environment, a large amount of information has entered the vision of college students born after 2000. This information is mixed, both positive and negative, and born after 2000 has personality, has his own ideas, how to be correct Effectively guiding college students born after 2000 to distinguish right from wrong, and establishing a correct outlook on life, morals, and values have become a core issue in education management.

College educators should grasp the distinctive characteristics of students born after 2000 and pay attention to the use of guidance methods, instead of directly inculcating students in the past. In addition to daily conversation and guidance, students can also be guided through themed campus activities and learning from student role models. In daily conversations, we must pay attention to the methods and methods of communication, the artistry of language, the integration of emotions, and even the time and environment of the conversation. All aspects need to be carefully considered, and everything is student-
oriented. Thematic campus activities, such as themed class meetings, purposeful outings, and cultural and sports activities, infiltrate the purpose of education through activities. Establish student exemplary role models, enable students to see real examples around them, and guide students from side education.

4.3. Concerned about the mental health of students born after 2000

The social environment and family environment are superior. Students born after the year 2000 have confidence, personality, strong self-esteem, concern for themselves, and have not experienced any setbacks and tribulations. They have been very smooth along the way, so they will be very vulnerable if they encounter setbacks. Can't control his emotions and even cause mental problems and extreme behavior.

The psychological characteristics of college students born after 2000 make college educators pay more attention to their mental health problems. Mental health problems are not formed overnight, but are accumulated over a long period of time. At the same time, they are also hidden and sometimes difficult to find. Therefore, college educators should always pay attention to the growth of students, especially psychological growth, and conduct regular in-depth Counseling, talking with students, guiding students to correctly solve problems in learning and living, timely intervention for students with psychological problems, and ensuring healthy and happy growth of college students born after 2000.

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