

A Study of the Role of LunYu in College Students' Professional Ethics

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Abstract. “Professionalism” is the value criterion of the core values individually, which plays an irreplaceable role in social life. Professionalism is a dual requirement either internal or external, which requires not only the respect to undergraduate themselves and self-affirmation, but also the respect to others and foreign objects, thus building a harmonious environment both inside and outside. There are many interpretations towards the concept of professional ethics, as well as many good measures on the cultivation of it. Taking LunYu for example, this paper will analyzes the status quo on the education of professional ethics in colleges and the status and influence of it in LunYu by means of intricate network, and proposes ways to strengthen the concept of professional ethics of college students.

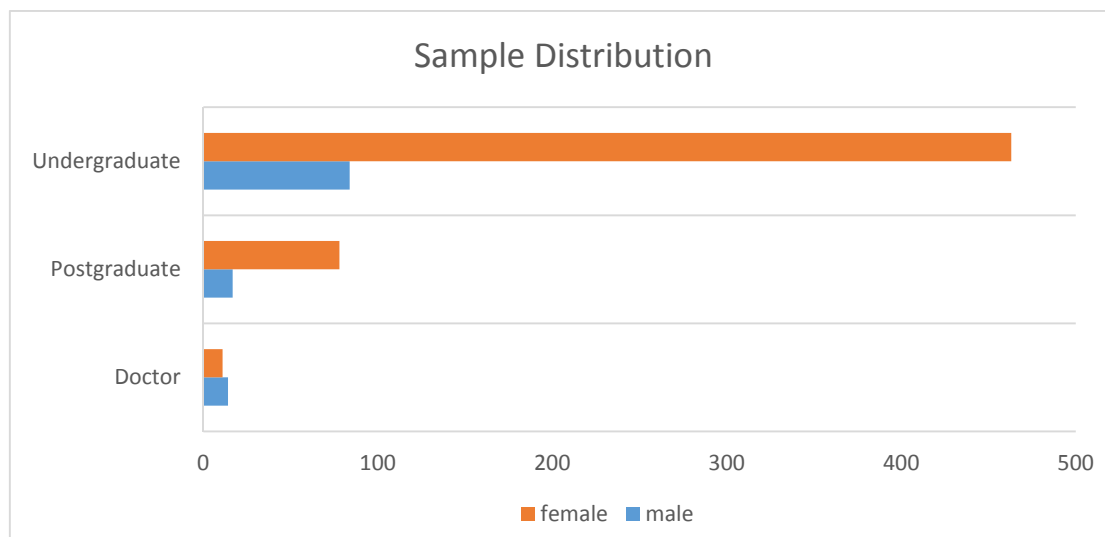
Introduction

The original meaning of devotion to one's work is someone's responsible attitude towards his own work or study, a lofty moral character, and at the same time an important citizen's moral norm, which plays an important role in maintaining the harmonious relationship of society. Under this guidance, college students can effectively dissolve the tension of social life, mediate social mentality and better adapt to the social environment.

LunYu is a classic work of Confucianism, focusing on Confucius' main thoughts, which has a great influence on the psychological quality and moral behavior of the Han nationality. In a narrow sense, the value of "seeking one's duty in one's position" happens to hold the same view with the value of professionalism; in a broad sense, the value of professionalism is closely related to the value of "benevolence, righteousness, propriety, wisdom and faith" emphasized in the full text of LunYu. The content of professional ethics includes two aspects, first, college students to their own "respect", such as respect for academic work, active learning, many aspects of exercise their own concepts and behavior. Another aspect is the students' respect for the outside world, such as how to get along with others, how to choose their own direction, how to cultivate the correct three reflections.

The Present Situation of the Cultivation of University Students' Dedication View

This paper investigates the curriculum, student activities and some Undergraduates' professional ethics in China University of Geosciences (Beijing) by means of questionnaires and on-the-spot interviews. The survey covered 21 majors from the academy of Economics and Management, Geosciences and Resources, Information Engineering, Engineering and Technology, Materials Science and Engineering, Water Resources and Environment, Energy, Jewelry, and of Earth. The questionnaires were distributed and collected in classes and majors, and were analyzed statistically or interviewed. And the subjects included undergraduates, postgraduates and doctoral students and in the end, 552 valid questionnaires were collected.



Next, this paper will present the findings in light of the status quo of the school's cultivation on professional ethics and thereby develop the analysis.

The Status Quo of the Cultivation on Professional Ethics in Terms of School

The Status Quo of the Cultivation on Professional Ethics in China University of Geosciences (Beijing)

According to the survey data, with the increase of grade, college students' understanding of core values and professional ethics is on the rise. The courses related mainly concentrated in the academy of Economics and Management and the academy of Marxism, including “the study of core values in traditional Chinese culture”, “self-cultivation and traditional Chinese culture”, “psychological safety and social adaptation”, but the overall proportion is low, only accounting for 0.3% of all courses. Although there are some courses related to traditional culture, all focus on etiquette and system, those directly related to LunYu and other classics are even less. It can be seen that in terms of curriculum, there is a lack of education in our school. But for the influence degree of classroom content on college students' values, a gradual decline can be seen from the lower grade to the higher grade, but a significant increase followed soon afterwards at the graduate stage, which can be ascribed to the graduate students' certain understanding of society, or the awareness of this importance in the process of internship and short employment. See the table below:

What do you think of your status in your college life?	
option	proportion
crucial	41.05%
Important, but not the first.	55.60%
Unimportant	3.35%

What do you think the impact of classroom content on College Students' values?			
grade	crucial	Important, but not the first.	Unimportant
Freshman	42.73%	54.72%	2.55%
Sophomore	38.49%	56.21%	5.30%
Junior	24.62%	66.38%	9.00%
Senior	20.58%	74.69%	4.73%
First year graduated	62.32%	36.47%	1.21%
Second year graduated	56.75%	42.25%	1.00%
Third year graduated	54.52%	40.67%	4.81%
doctor	51.00%	49.00%	0.00%

The second class is relatively rich in the concept of professional ethics education, focusing on professional practice, red classroom, League building, career education, etc., which conveys diligence, patriotism, love school, self-cultivation and other professional concepts. The professional practice is mainly in Beidaihe and Zhoukoudian geological practice, so that students feel on the ground "hard and simple, pragmatic" motto, but also on the ground interpretation of the geological professionalism. The red classroom has various kinds of Party building activities such as red "1+1" and so on, so as to improve Party spirit. What's more, Youth League building activities such as sports, chorus competitions and other small and medium-sized interaction, do inject lively and healthy, unity and mutual help and other professional concepts. Career education, through the combination of classroom education and practical activities, through the combination of theory and practice, so that students can learn the practical concept of dedication.

Most Students Agree with the Core Values of Socialism and Attach Importance to the Cultivation of Their Own Values and Professional Dedication

Most of the students have a more rational understanding of learning and work, and they attach great importance to the impact of professional dedication on their future employment and social status.

Most of the students hold a positive and optimistic attitude towards college education. They believe that college not only teaches knowledge, but also teaches life skills.

The school motto spirit of "hardship, simplicity and pragmatism" has been passed on to the students of our university, and many of which have emerged in the geological industry. However, due to the lack of propaganda methods and content, there has not been a unique cultural atmosphere, and the influence of the education of the concept of devotion to work is not very obvious.

Investigation on the Status Quo of College Students' Self-cultivation on Professional Ethics

What are the ways and effects of your guidance during your school?		
option	proportion	Impact ratio
Marx academy curriculum	91.29%	48.76%
Career planning and employment guidance	95.38%	21.69%
Youth League activities such as social practice	67.24%	14.53%
Expert lectures and other party building activities	53.77%	10.80%
others	12.36%	4.22%

The above survey data shows that the current situation is not optimistic on self-cultivation and practice of professional dedication of local college students. Except for the contents of the classroom and the second classroom organized by the school, only 12.36% of the students will seek for relevant learning actively and originally. All these show that the promotion of professional ethics education in our school is extremely urgent.

The Problems and Reasons of College Students' Professional Ethics Education

Top-level Design

The Course Design is not comprehensive enough

Our school pays more attention to the construction of geology specialty, the curriculum of humanities is relatively less, and the proportion has even dropped in recent years. For example, "College Chinese" course had been changed from the compulsory courses to elective courses, the reduction of course capacity lead to fewer opportunities to elect courses, indirectly resulting in the narrowing of the concept of dedication education audience.

The Education System of Professional Value has not yet been established

As a science and Engineering College, the construction of campus culture needs to be strengthened. The value education of Marxist College, the professional career education of

employment guidance center and psychological center can cooperate with each other to promote the cultural construction of our college, create a good campus cultural atmosphere, and create a comprehensive three-dimensional core values education system combining the first classroom and the second classroom.

The Rigidification of Students' Thought

Students Focus on Specialty and Lack of Humanistic Atmosphere

Most of the undergraduates are in science and engineering, doing experiment in laboratory is their major work. The pressure of specialty study is heavy. In addition, there are fewer humanities courses and students lack of humanities and social sciences education.

Too Many Activities Lead to Students' Destitution of Mercy

Due to the large number of activities in the second classroom, students' extra-curricular activities are extremely limited, the platform and channels for communication with the outside world is relatively scarce, students' cultural literacy is barely satisfactory, they are destitute of the feelings that "To secure life and fortune for the people; To continue lost teachings for past ages; To establish peace for all future generations".

Research Data and Methods of Professional Ethics in the LunYu

Introduction of Research Models

Introduction to Complex Networks

Complex network theory is derived from physics, and has been cited by various disciplines, such as management and economics. The basic principle of complex network theory is to identify the relationship between units and units, so as to establish a network with units as nodes and relations as edges, and to analyze and solve problems as a whole. Through the establishment of complex network, we can analyze the status and influence of the concept of dedication in the Analects of Confucius, and then analyze how to better promote the education of College Students' concept of dedication through the study of traditional culture represented by the Analects of Confucius.

Introduction to Topological Characteristics

Complex network theory has many topological characteristics of nodes, edges and networks when analyzing data. This paper mainly uses degree, weighting degree, intermediary centrality, clustering coefficient and modularity to analyze the topological characteristics of the concept of dedication in the LunYu.

Degree is the most important index of a node. The degree of a node indicates the importance of a node in the network. The higher the degree of a node, the greater its importance and influence.

The weighting degree is the sum of the weights of the edges between the specified nodes and other connected nodes in the network. The higher the weighting degree is, the better the connectivity is.

Mediation centrality is to calculate the number of times a specified node appears on the shortest path between the other two nodes in the network. The higher the mediation centrality of the node, the stronger the control over the network.

Clustering coefficient is the degree of clustering of nodes in a network. The larger the average clustering coefficient of a network, the higher the degree of clustering.

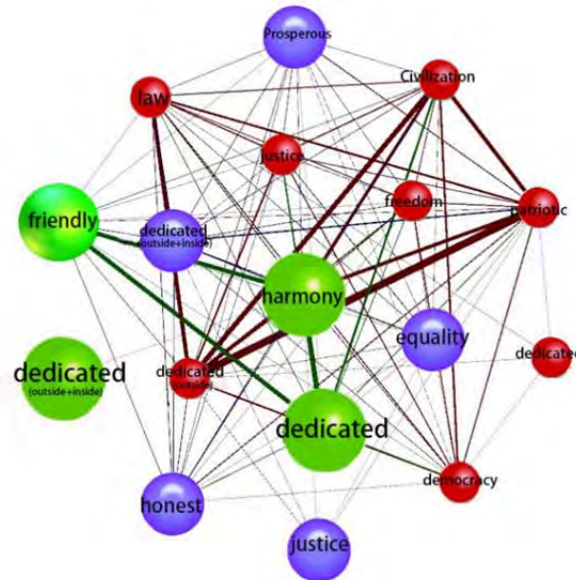
Modularity is also called modularity value, which is used to evaluate the level of the community structure of the network.

Analysis of Research Models

Network Visualization

After analyzing all the contents related to the socialist core values in the Analects of Confucius,

17 vocabularies related to the concept of dedication were selected. That is to say, there are 17 nodes in the co-occurrence network of this paper. Among them, the point is the value involved in the 20 Analects of Confucius in the socialist core values, and the edge is the relationship between the two values. The color of a node is determined by its community. The size of nodes is determined by degrees. From the perspective of the three communities and the thickness of the edges, the 17 nodes are strongly related.



Topological Feature Analysis

Degree	Weighted Degree	Betweenness Centrality	Clustering Coefficient	Modularity Class
Patriotic	dedicated	harmony	freedom	dedicated
harmony	harmony	Patriotic	friendly	harmony
Law	Patriotic	dedicated	Civilization	friendly
democracy	Civilization	Law	equality	dedicated
equality	dedicated	democracy	democracy	dedicated
dedicated	Law	equality	dedicated	honest
Civilization	friendly	dedicated	dedicated	strong
friendly	justice	Civilization	dedicated	equality
justice	democracy	friendly	dedicated	equity
freedom	freedom	justice	dedicated	dedicated

The topological features of the first ten are extracted from the co-occurrence network, and the specific data are shown in the table above. Among them, patriotism, harmony, rule of law and democracy are very high, which shows that Confucius attaches more importance to the broad sense of dedication in the LunYu; dedication, harmony and patriotism have higher weights. Patriotism and dedication are strongly related, dedication and harmony, friendliness constitute the largest proportion of the first community in the network, dedication, integrity, prosperity, equality and fairness constitute the second community cannot be underestimated, and other information, we must refer to the data when doing the concept of dedication education.

Ways to Cultivate Professional View of LunYu

In model analysis, LunYu has a comprehensive discussion on professional ethics; it will promote the college students' professional ethics greatly. Therefore, the learning of professional ethics in the analects of Confucius should be implemented.

Internalize LunYu: We will strengthen the Curriculum of Traditional Culture

In view of our school humanities and social science curriculum setting less reality, traditional culture should be strongly promoted into the classroom, offering different types of traditional culture courses, invite famous teachers to explain the essence of traditional culture. Strengthening the values of education will also create a good campus cultural atmosphere.

Put into Action: Integrate Traditional Culture into Practice

Integrate traditional culture learning into colorful party activities and professional practices. For example, to strengthen the professionalism of club instructors, set out to build a profound sinology society. Hold poetry conference and other types of competitions; promote the learning of traditional culture by improving the students' participation.

Strengthening Policy Support

Provide favorable policy support for college students to establish good professional ethics. Academically, the study of traditional culture can be included into the credit system; Employment, it can improve the degree of support for graduates in western regions and poor areas, create a relaxed internship, entrepreneurial environment, etc.

Develop School Characteristics, Play a Role Model

Give play to our school "hard and simple, realistic and pragmatic" style, to open up the study of traditional culture to geological classroom. Inheriting the old generation's home state feelings of "never forget the country", create a series of stories about our famous alumnim, increase publicity, and let students at the moment entering the university to feel the senior professional demeanor.

Professional ethics are an important part of socialist core values, it is also an important component of the analects; it is an important content of education theory in the new era, it is also an important method and means to implement ideological and political education. By summarizing the values of professional ethics in LunYu, this paper explores the way to cultivate the values of professional ethics in college students. It helps to embody the connotation of socialist core values; it helps to promote the enthusiasm of our teachers and students to learn traditional culture; Develop students' vision and cultivate students' sentiment; Good for developing the ideological and political education method; Make the university student's political thought education more scientific and modernized. This paper intends to advance the ideological and political education with The Times; enrich the principles and methods of ideological politics education. Further highlight the value of ideological and political education, promote the positive development of the ideological and political discipline education.

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