

# Study on the Evaluation of Teaching Quality of College Teachers with Graduate Students as Study Samples\*

Yang WANG, Zhifa ZHU

School of Management, China University of Mining and Technology, Beijing

**Abstract** - This paper have choose the university graduate student as the main body of the 53 samples of the teaching quality and moral quality evaluation index selection, and every questionnaire is valid . The process and result have proved that graduate students paid much concern about our research, and expressed their views which mainly reflected in indicators. Through the questionnaire survey, building the performance evaluation system of teachers in our school is very necessary and urgent, which will play an important role in improving the overall teaching level.

**Keywords** - Graduate students. University teachers. The evaluation system of teacher performance

## 1. Literature Review

Considering the importance of reasonable and effective performance evaluation of teachers, this paper combined with the school of teacher performance evaluation method and focus on a part of the performance evaluation system of teachers can be quantified Basing on collecting, reading books and literature at home<sup>[1]</sup>. We learn from reasonable part of the performance evaluation system of teachers in the references and summarized the teacher performance evaluation index system that China University of mining & technology (Beijing) have implemented in order to made a set of new evaluation system for teachers<sup>[2]</sup>. About the part that cannot be quantified in the performance evaluation system for the teachers, Xiebo think that the teachers of establishing evaluation system of evaluation is mainly the teacher's own development as the goal and the evaluation main body covered from top to bottom all populations<sup>[3]</sup>. Xu Shuang through exploratory factor analysis, reliability test, validity analysis, confirmatory factor analysis and a series of studies have shown that good teachers contains teaching effectiveness, moral accomplishment, interaction between teachers and students, feelings, instrument vitality, net ethics quality, a total of six factors<sup>[4]</sup>. In combination, on the basis of existing literature, we have formulated a set of evaluation index. Designed the questionnaire and according to the form and had a questionnaire survey for the graduate of China University of mining & technology (Beijing). Through summary analysis of the questionnaire content and Finding the student's teacher ideal, we hope to provide beneficial guidance for the teachers' performance rating system in our school.

## 2. The Questionnaire Survey Analysis about Graduate Students

In the process of university faculty performance

evaluation, we have designed the following questionnaire in order to solve the problem of some indicators to quantify. This questionnaire is mainly divided into teachers' moral quality and teaching quality. This investigation took the way filling out at the scene and distributed to undergraduate and graduate students in school. The total recovery of 53 questionnaires . The following is described respectively about the statistical results of parts information.

### 2.1 University faculties' moral character

The vote situation and the proportion of all the options about teachers' moral quality as shown in table 1 and figure 1.

TABLE 2-1 Moral character detail list

Option	Votes
A. Role models, Family harmony	21
B. High moral character <sup>[5]</sup>	27
C. Team spirit, Caring	9
D. Responsibility, Selfless dedication	20
E. Patient	20
F. Easy-going, Understanding	28
G. Justice, Democracy	25
H. Encouragement	7
I. Caring about undergraduates' future	20
J. Honesty , Integrity	11
K. Set examples	16
Total	

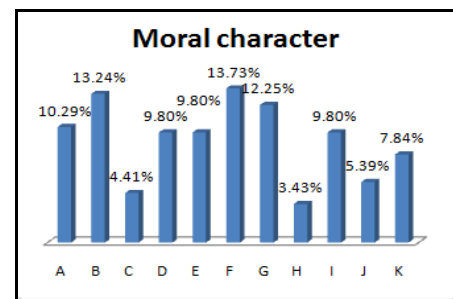


Fig. 2-1 Moral character Ratio

In the indicators of teachers' moral quality, statistics shows that graduate students pay most attention to "F"、"B"、"A"、"G"、"D"、"E"、"I" . The vote of index had reached 70.39% and more than 70%. These findings indicate : An

\* Fund Projects: National Natural Science Foundation (71373262); Beijing Undergraduate Training Programs for Innovation (Z20141504); Teaching Reform Project of China University of Mining & Technology, Beijing (j120501).

approachable, fair and understand the student's teacher is easier to get along with students and understand students' needs , which can help students in the classroom theoretical study and extracurricular practice. The graduate students are no exception. (2) Only moral and healthy personalities of teachers in colleges can guide the graduate student correct outlook on life, values and world view.

### 2.2 University teachers' personal ability

The vote situation and the proportion of all the options about teachers' personal ability as shown in table 2 and figure 2.

TABLE 2-2 Personal capacity detail list

Option	Votes
A. Solid theoretical knowledge, High disciplinary expertise	39
B. Experienced in teaching	12
C. Updated knowledge, grasp the latest trends	29
D. Vivid lectures	23
E. Correctly and skilled lecture, clear communication of ideas	34
F. The ability to operate modern educational tools	7
G. Inspiration ability	20
H. Communication skills	18
I. Neatly blackboard writing	1
J. Scientific research ability	10
K. Core curriculum	8
L. Broad interests	5
Total	206

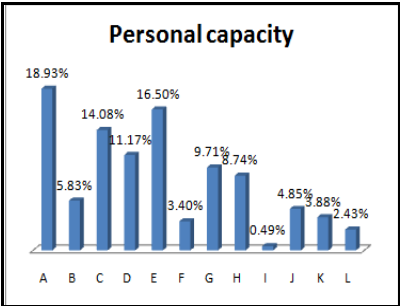


Fig. 2-2 Personal capacity Ratio

In the indicators of teachers' personal ability, statistics shows that graduate students pay most attention to “A” 、 “C” 、 “G” 、 “E” 、 “D” . The vote of index had reached 70.39% and more than 70%. These findings indicate — (1)Graduate students have a very high demand to the teacher's teaching ability and their theoretical knowledge;(2) In the knowledge era of high speed upgrade, college teachers only by constantly update their knowledge and walk in the forefront of science, can bring to college graduate students innovative thinking.

### 2.3 College teachers' psychological quality

The vote situation and the proportion of all the options about teachers' psychological quality as shown in table 3 and figure 3.

TABLE 2-3 Psychological quality detail list

Option	Votes
A. Professionalism	36
B. Scientific research	15
C. Personal values	15
D. Intelligent	8
E. Faith	11
F. Realistic	6
G. Personal charm	12
Total	103

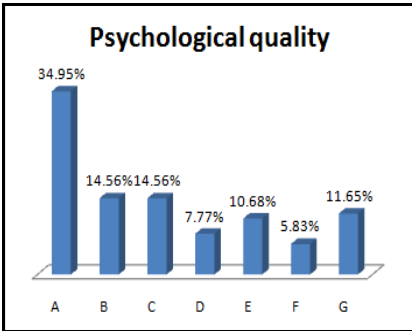


Fig.2-3 Psychological quality Ratio

In the indicators of teachers' psychological quality, statistics shows that graduate students pay most attention to “A” 、 “C” 、 “G” 、 “E” 、 “D” . The vote of index had reached 70.39% and more than 70%. These findings indicate — (1)It is necessary to have high professional ethics for each college teacher. On the one hand, teachers' moral can has incentive effect on their own. On the other hand, college teachers' professional quality also has very important influence on the formation and development of students' moral consciousness and moral quality.(2) Having a certain scientific research spirit of teachers in colleges can better guide the graduate student learning; philosophy and personal charm of college teachers is an important aspect of recognition and learning of the graduate student <sup>[6]</sup>.

### 2.4 The university teachers' teaching attitude

TABLE2-4 Teaching attitude detail list

Option	Votes
A. Sufficient preparation	18
B. Punctual	11
C. Attentive in class	29
D. Rigorous scholarship	17
E. Answer students' questions patiently and carefully	32
F. Consider students' feedback seriously	20
G. Be strict in student	3
H. Dedication and responsibility	19
I. Professionalism	11
J. Counseling patiently, correcting homework strictly	9
K. Instruct students individualized	34
Total	203

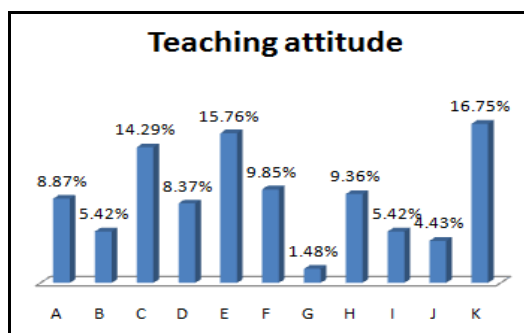


Fig. 2-4 Teaching attitude Ratio

The vote situation and the proportion of all the options about teachers' teaching attitude as shown in table 4 and figure 4.

In the indicators of teachers' teaching attitude, statistics shows that graduate students pay most attention to "A"、"C"、"K"、"F"、"H"、"E". The vote of index had reached 70.39% and more than 70%. These findings indicate — (1) Teaching is the most important ways that teachers teach students knowledge. Teacher's class level and attitude directly affects the student to absorb the knowledge. College students attaches great importance to the index ; (2) It is understandable that students can't fully absorbed the teacher knowledge in the class. Teacher's attitude is vital for students to question after class, which not only affects the student to understand the classroom knowledge further, but also will affect the students' desire for knowledge.

## 2.5 University faculties' teaching methods

The vote situation and the proportion of all the options about teachers' teaching methods as shown in table 5 and figure 5.

TABLE2-5 Teaching methods detail list

Option	Votes
A. Extensive teaching techniques and methods	20
B. The lecture is organized, clear and understandable	27
C. Active class atmosphere	12
D. The depth and breadth of lectures in line with students	23
E. Mobilize students' enthusiasm and initiative	19
F. Pay attention to teaching quality and students' acceptance effect	19
G. Pay attention to internal and external communication and discussion	19
H. Focus on the relevant parts of teaching process	7
I. Rational and effective use of various teaching methods	8
J. Reveal the inherent knowledge of principles	22
K. Create an orderly learning environment [7]	6
L. Train basic skills	15
Total	197

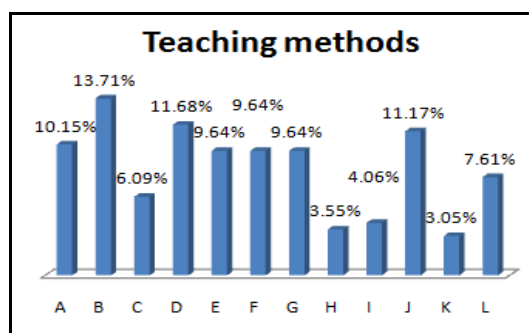


Fig. 2-5 Teaching methods Ratio

In the indicators of teachers' teaching methods, statistics shows that graduate students pay most attention to "A"、"B"、"D"、"J"、"F"、"G"、"E". The vote of index had reached 70.39% and more than 70%.

## 2.6 College teacher's instruction after class

The vote situation and the proportion of all the options about teachers' instruction after class as shown in table 6 and figure 6.

TABLE2-6 After school tutoring detail list

Option	Votes
A. Care about day life	12
B. Downsizing homework	11
C. Participate in extracurricular activities	7
D. Enrich teaching methods with students' feedback	32
E. Entre competition activities and thesis supervision	22
F. Guide internship and social research	18
Total	103

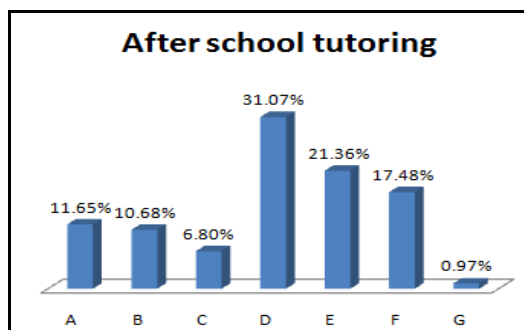


Fig.2-6 After school tutoring Ratio

In the indicators of teachers' instruction after class, statistics shows that graduate students pay most attention to "F"、"E"、"D". The vote of index had reached 70.39% and more than 70%. These findings indicate — (1) Perfect teaching methods can improve the effect of teachers' teaching. Accept students teaching feedback could improve teachers' teaching methods, arouse the enthusiasm of the students thinking, increase the emotional communication between teachers and students.

2.7 University teachers' teaching effect

The vote situation and the proportion of all the options about teachers' teaching effect as shown in table 7 and figure 7.

TABLE 2-7 Teaching effect detail list

Option	Votes
A. Choose appropriate textbooks and learning materials	11
B. Combine theory with practice	28
C. The quality and ability of students can be greatly improved	16
D. Teach students the right values and outlook on life	17
E. Serve as role models	8
F. Guide individual behaviorism	19
Total	99

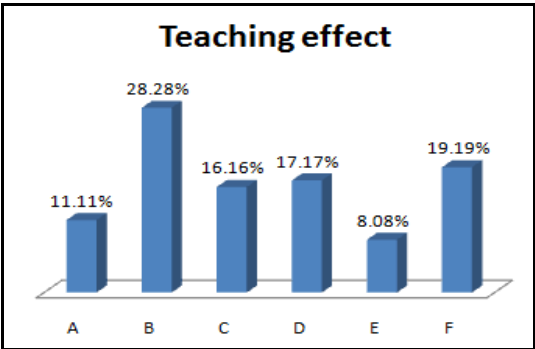


Fig. 2-7 Teaching effect Ratio

In the indicators of teachers' teaching effect, statistics shows that graduate students pay most attention to “B” 、 “F” 、 “D” 、 “C”. The vote of index had reached 70.39% and more than 70%. These findings indicate—(1)The mode giving priority to with theoretical study can't meet the requirement of university graduate student self-development, how to combine the theory and practice become an important concern to their teachers.

2.8 The primary task of college teachers

The vote situation and the proportion of all the options about the primary task of college teachers as shown in table 8 and figure 8.

TABLE 2-8 primary task detail list

Option	Votes
A. Impart knowledge and cultivate people	41
B. Scientific research, publish articles	1
C. Social services, undertaken projects	2
D. Cultural heritage	9
Total	53

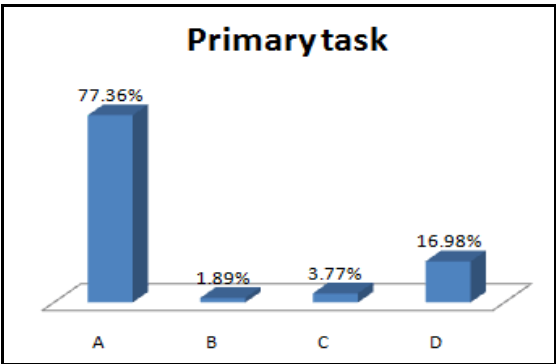


Fig. 2-8 Primary task Ratio

In the indicators of the primary task of college teachers, statistics shows that graduate students pay most attention to “A”. The vote of index had reached 70.39% and more than 70%. These findings indicate—University is an organization of cultivating talents and University teachers is the direct main body of cultivating talents. University teachers' teaching attitude will directly affect the quality of national talent as a whole.

3. Conclusion

This paper have choose the university graduate student as the main body of the 53 samples of the teaching quality and moral quality evaluation index selection, and every questionnaire is valid . The process and result have proved that graduate students paid much concern about our research, and expressed their views which mainly reflected in indicators. Through the questionnaire survey, building the performance evaluation system of teachers in our school is very necessary and urgent, which will play an important role in improving the overall teaching level.

References

[1] Wang Zhihua. Good university teachers college students mind standard. Journal of education, 2008: 61-63

[2] China university of mining & technology (Beijing) professional technical position qualifications accreditation, 2014: 3-11

[3] Xie Bo. University teachers evaluation system research. Southwest jiao tong university, 2010: 23-27

[4] Xu Shuang. The concept of university students' good teacher research. Chongqing university, 2009: 8-21

[5] China university of mining & technology (Beijing) rolling funding basic scientific research business expenses project interim measures, 2011: 2-4

[6] Zhao Baofang, honey, Shi Mingchen. Higher vocational teachers' basic quality and basic ability requirement. Journal of heilongjiang agricultural engineering vocational college, 2007: 12-13

[7] YanYuPing. Comparative study of sino-us teachers evaluation. East China normal university, 2008, 39-41 49 and 50