

# *Research on the Application of Panel Teaching Model in College Liberal Arts Classroom*

Dequan Chen

College of Humanities and Law Northeastern University  
Northeastern University  
Shenyang, China

Zihan Jin\*

College of Humanities and Law Northeastern University  
Northeastern University  
Shenyang, China

**Abstract**—The traditional interactive classroom teaching method has gradually revealed its disadvantages in practice. To find another way to build real communication between teachers and students is important. Panel teaching mode is an innovative teaching mode, which can truly reflect the students' subject status. However, there are many problems in application of Panel teaching mode to university classrooms of arts. We need to constantly change the traditional teaching concept, provide more professional training for teachers, strengthen Teacher's motivation to applying the mode, and improve the teaching evaluation system. By effectively integrating and utilizing resource teaching resources, improving the teaching conditions and using big data, the Panel model in college liberal arts classroom can be popularized widely, so as to improve the teaching quality.

**Keywords**—Classroom interaction; Panel teaching mode; liberal arts; College education

## I. INTRODUCTION

With the increasing demand for high-quality talents, the monotonous interactive teaching mode in the past is difficult to meet the innovative needs of university classroom teaching. For this reason, education authority and universities are highly focused on the innovation of classroom interactive teaching mode. As a brand-new form of classroom interaction, Panel teaching mode can significantly enhance the ability of thinking innovation, expression of adaptability and knowledge integration of liberal arts students under instantaneous pressure. It is an important way to meet the needs of social talents and the trend of talent competition for college students. Panel teaching mode has obtained recognition and promotion from several teaching theorists and front-line teachers. Panel teaching mode encounters obstacles in promotion, and it needs relevant policy support and condition matching to bring its due teaching innovation value into full play.

## II. THE PROBLEMS OF TRADITIONAL INTERACTIVE CLASSROOM TEACHING FOR LIBERAL ARTS STUDENTS IN COLLEGES AND UNIVERSITIES

In recent years, most colleges and universities in China, in line with the trend of national education reform, have encouraged teachers to carry out a variety of interactive

teaching, including direct questioning mode, modern conversation mode, group cooperative learning mode and interpretation by students [1]. Traditional classroom interactive teaching has gradually been difficult to meet the developing needs of colleges and students. A random classroom survey of junior high college students in a 985 University in Northeast of China shows that students are tired of traditional interactive classroom teaching and the quality of discussion is declining. It mainly embodies on three aspects.

### A. Students Lack Autonomy.

College classroom should be the hall of intense ideological collision, but students' collective aphasia often occurs in fact [2]. Traditional interactive teaching mode cannot effectively stimulate students' autonomy, on the contrary, students only passively participate in the process of teacher have already ordered.

### B. Difficult to Ensure that Students Benefit Widely.

Classroom presentation is made by individual student, and the speakers who are not good at presentation are generally reluctant to take the initiative to do it. Those who are more expressive always have the opportunity to show themselves, while those who are less capable are not exercised. Thus "Matthew effect" appears in the classroom. In random presentation, the opinions of top students maybe always affect the others' normal thinking process; a small number of students still avoid the classroom because of lack of interest or confidence [3]. Those students who are not involved in classroom discussions still lack opportunities for performance and are often neglected by teachers.

### C. The Direction of Discussion is Easily Skewed.

In traditional interactive classroom teaching, teachers always ignore timely correction and summary in interactive discussion, and even pay attention to the form of students' speech blindly, which makes the classroom reform go into the misunderstanding of "paying more attention to form than content". Students speak for the sake of speaking, lack of in-depth thinking and deviate from the topic, which runs counter to the original intention of classroom interactive teaching.

---

Fund projects: Northeast University Personnel Office "Research on the application of large-data-based teaching panel for liberal arts undergraduates" and Northeast University Graduate College "Research on large-data-based teaching panel for postgraduates".

### III. INNOVATIVE CLASSROOM PANEL TEACHING MODEL FOR LIBERAL ARTS STUDENTS IN COLLEGES AND UNIVERSITIES

#### A. Connotation and Characteristics of Panel Teaching Model for Liberal Arts Students in College

Panel teaching model for liberal arts students in college is a reference to Panel discussion used in all walks of life widely at present. It refers to an innovative teaching method in which teachers or teaching authorities combine various interactive approaches according to specific procedures and contents in order to test students' mastery of professional knowledge, exercise students' comprehensive quality. See Fig.1 for details.

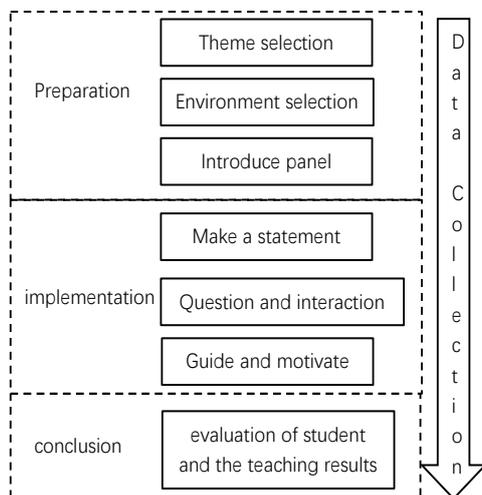


Fig. 1. The operating process of panel teaching mode for liberal arts students in college

The Panel teaching model for liberal arts students in colleges and universities has five basic features by comprehensive differentiation comparison:

- Applicability of liberal arts.

Panel mode emphasizes students' participation in discussion, which is directly related to the quality of courses. The thinking mode and knowledge structure of liberal arts classroom are different from those of science, which have the characteristics of divergence [4]. Panel model has the characteristics of freedom and openness, requiring students to improve their learning and thinking ability, which can release greater value in liberal arts class.

- Student-oriented.

By using big data to choose topics, teachers can motivate students' willingness to express in a broader scope, give students space to fully express their views, and make students become masters of the classroom. Teachers only participate in topic guidance, process control and topic summary. Furthermore, panel mode is a semi-open discussion of "one topic, many small issues", most people are always in the state of tension of paying attention to others, and there will not be "awkward conversation" in class.

- Inclusive topics.

According to the teaching content, new problems in the teaching environment and hot topics, teachers comprehensively weigh the setting of topics and multiple sub-topics. The selection of topics is limited to a certain scope of discussion, and the topics are relatively concentrated but involve a wide range of topics, providing sufficient discussion space for students. Among them, it reflects the frontier issues and hot issues of current affairs with strong practical significance. In the open discussion, students can express their opinions on the topics they are interested in, which exercises their communication skills, strengthens their divergent thinking and critical consciousness, and better reflects their subjectivity [5].

- Benefit widely.

Subjects in Panel mode are pluralistic and equal, and all subjects can express their personal opinions, which solves the problem that only a few students benefit from traditional classroom interaction. Not only can the speaker present the materials prepared before class, but also the audience can integrate into the class session through random questions. Panel mode truly realizes the multi-dimensional interaction between students and teachers on and off the stage, gradually building consensus in the round of discussion, and finding new contradictions, combining individual thinking with group wisdom, the classroom interaction effect benefits most students.

#### B. Application Value of Panel Teaching Model for Liberal Arts Students in College

Application of a wide range of professional, create a variety of interactive scenarios. The teaching of liberal arts students pays particular attention to the communication and communication between subjects in class, and the Panel model fits the characteristics of liberal arts teaching. Teachers of liberal arts in colleges and universities with different majors can apply Panel discussion to classroom teaching, and select topics for classroom discussion based on curriculum teaching plans and training objectives, combined with hot topics of students' interests.

Deepen classroom impression and enhance students' professional ability. Panel mode takes students as the main body of the class, encourages students to actively participate in the speech in the form of debate and refutation, which greatly enhances the interest of classroom teaching. At the same time, Panel model breaks down the barrier between top students and poor students, and enables more people to actively integrate into the classroom and gain something.

Focus on quality education to meet the needs of social talents. The stage of interaction on and off the stage is the climax of Panel teaching mode in class, which not only requires students to have sufficient knowledge reserves, but also needs students to master good communication skills and strain ability. These abilities are undoubtedly necessary for each individual to integrate into society well.

#### IV. STRATEGIES TO PROMOTE THE APPLICATION OF PANEL TEACHING MODE IN COLLEGE LIBERAL ARTS STUDENTS' CLASSROOM

Panel teaching mode is a brand new teaching method. Teaching administrators and teachers need to gradually recognize Panel mode in practice, and make appropriate innovation and development by analyzing specific problems according to the characteristics of discipline and specialty.

##### *A. Strengthen Top-level Design, Strengthen the Application of Teachers Incentive*

The educational administrative department shall, in accordance with relevant national regulations, encourage teachers to determine class hours and course content of Panel model, and colleges shall provide corresponding reward class hours and incentive plans. By holding the annual Panel mode competition or corresponding teaching evaluation activities, teachers are encouraged to flexibly use Panel mode in combination with practice. Of course, the transparency and monitoring of Panel mode should be strengthened to deeply explore the value of Panel mode in improving teaching quality and enhancing talent competitiveness.

##### *B. Colleges and Universities to Improve the Scientific and Reasonable Classroom Teaching Evaluation System*

Colleges and universities should establish a reasonable, objective, systematic and diversified Panel model evaluation system, which closely combines the evaluation standard with social employment requirements and the improvement of comprehensive quality of talents, and adopts the evaluation standard combining quality and quantity to comprehensively evaluate the process and results. At the same time, the collective evaluation of students, self-evaluation combined, try to achieve fairness and justice. The students participating in the Panel model are comprehensively evaluated in terms of team spirit, innovation spirit, learning ability and expression ability, and the teaching results are analyzed by big data. By evaluating the teaching quality of feedback, the implementation method of improving Panel mode is found. To meet the development needs of students to the maximum extent, and make the teaching objectives and social needs in line, for the society to provide high-quality professionals.

##### *C. Revise the Traditional Cognition and Change the Teaching Concept of Teachers*

One of the main tasks of teaching reform in colleges and universities is to change the traditional teacher-centered teaching mode and build a new teaching mode that can not only give full play to the leading role of teachers, but also fully highlight the active role of students [6]. Teachers should change traditional concepts, change the old teaching model of "teachers speak on the stage while students listen on the stage", pay more attention to the cultivation of students' comprehensive quality, and enhance students' consciousness of innovation and cooperation. Only by truly changing the teaching concept can we change the traditional teaching mode and form a student-centered teaching atmosphere.

##### *D. Strengthen Business Training and Build Quality Teachers*

As the host of Panel discussion, the teacher is also the leader of the whole class, whose teaching level and ability to apply Panel mode affect the teaching effect. Colleges should provide teachers with necessary help and provide appropriate training and learning opportunities to improve their knowledge reserve and professional quality. For example, invite teachers to walk into a Panel class to observe and learn. The example of the successful application of Panel mode is uploaded to the network platform for the majority of teachers to "listen to cloud lectures" on the Internet, from which they can learn excellent teaching experience, and constantly improve the teaching method based on their own teaching practice, so as to create a high-quality classroom that keeps improving. To establish a team of teachers who can skillfully use the innovative classroom interaction mode, and provide a solid teaching foundation for the promotion of the application of Panel mode.

##### *E. Colleges and Universities Integrate Teaching Resources and Optimize Teaching Conditions*

Abundant teaching resources play an important supporting role in stimulating students' learning interest and cultivating their self-learning ability. Colleges should formulate teaching resource construction plans according to the nature and characteristics of majors and courses, clarify the construction standards of resource platforms, and standardize the construction content and quality requirements of resource databases and online open courses. To solve the problems of low utilization rate and poor integration of teaching resources, this paper USES big data to conduct regional analysis and sort out the education platform applicable to the Panel teaching model in the classroom. By co-building and sharing the resource cooperation platform among colleges and majors, relevant resources can be provided to meet the teaching needs, thus clearing the obstacles for the application and implementation of Panel model.

##### *F. Cultivate Big Data Thinking and Apply Big Data Technology*

At present, big data technology and thinking have been widely used in business, finance, medical and other industries, but the application in the field of higher education is still in the initial stage, and relevant subjects still have the problem of insufficient big data literacy [7]. Big data thinking and technology play an important role in theme selection, process development, evaluation and evaluation of Panel mode. In order to more effectively implement the Panel model and realize the teaching purpose, it is necessary for education departments and college teachers to improve their ability of information acquisition, analysis, application and prediction, as well as their ability of application analysis and decision-making based on big data.

Colleges should set up a large teaching database to provide the basic information platform for Panel application. Before class, Panel topic, which accurately reflects students' interest points, is selected with the help of big data to improve students' acceptance and participation. In class, teachers use big data technology to record and analyze students' participation in real time. After class, big data technology is used to

comprehensively evaluate the teaching effect. Through comparing the number of students participating in the class discussion, the depth of discussion conclusions, the effect of student achievement and other indicators, a long-term comparative analysis is carried out in successive semesters. The classroom evaluation system based on big data technology encourages teachers to pay more attention to classroom teaching itself instead of spending energy on attendance and roll call. It also encourages college management departments to establish a three-dimensional and comprehensive teaching supervision system.

#### V. CONCLUSION

The appearance of Panel mode effectively corrects the problems in traditional classroom interaction and provides a new paradigm for improving the quality of liberal arts classroom teaching in colleges and universities. A good interactive relationship is established between teachers and students and between students through the Panel mode. Under the Panel mode, teaching and learning can interact more efficiently, with clearer responsibilities and more prominent effects.

However, the application and practice of Panel mode is still in the exploration stage, and its successful application naturally cannot be separated from the responsibilities of multiple subjects to promote together. At present, it is necessary to strengthen the top-level design and supporting measures of

Panel mode, such as incentive measures, safeguard measures and evaluation measures. We should provide good application environment for the Panel teaching mode to enter the liberal arts classroom in colleges and give full play to the effect of it.

#### REFERENCES

- [1] Xie Debo, "Practical errors and reflections on innovative teaching in universities," *China university teaching*, pp.70-74,2018.
- [2] Wang Jilong, Jin Huanhuan, Wang Wenzhuo, Tang Feng, Zhou Mingjian. "Several discussions on the phenomenon of collective aphasia in the classroom of college students," *Think tank times*,2019,98-118.
- [3] Shi Chuanlong, Xu Zhuqing. "Disadvantages and solutions of efficient classroom group model," *Teaching and management*,2017,12-14.
- [4] Zhang Yuan, Xu Rongjin. "Reasons for classroom atmosphere differences between science, engineering and liberal arts courses and improvement measures," *Education modernization*, pp.147-148,May,2012.
- [5] r-f Hanna, R.S. More, et al., Ed., "Teaching at Brown: a handbook for faculty," *Teaching assist and Teaching fellows*. Third Edition., Providence: The Harrie
- [6] Du Yang. "A brief analysis of opportunities and challenges faced by college teaching reform in the context of informatization," *Chinese journal of education* pp.131-132,2015.
- [7] Tang Beibei, Xue Yanhua. "Transformation of higher education governance in the context of big data: opportunities," challenges and countermeasures, *Chongqing higher education research*,2019, 77-86. ( In Chinese)