



การประชุมวิชาการนำเสนอผลงานวิจัยระดับชาติและนานาชาติ ครั้งที่ 16
 “Global Goals, Local Actions: Looking Back and Moving Forward 2024”
 วันที่ 20 มีนาคม พ.ศ. 2567

documents, documents, and related studies.

2. Population

The population used in this study is Yichun Vocational and Technical College.

There are currently 5 faculty members and 460 teachers (Yichun Vocational & Technical College, 2023). The sample group used 181 teachers were which the researcher has determined the sample size by using the schedule of the sample size of Krejci and Morgan, (1970, pp. 607-610) .

3. Scope of study variables

This article discusses the application of the data of the education management system in the Education Management System of the Yichun Vocational and Technical College, in order to provide a reference for educators of Yichun Vocational and Technical College. Focus on the research of 4 variables, 1) internal factors of school teachers, 2) the factors of students, 3) school information platform, 4) external information development.

Research conceptual framework

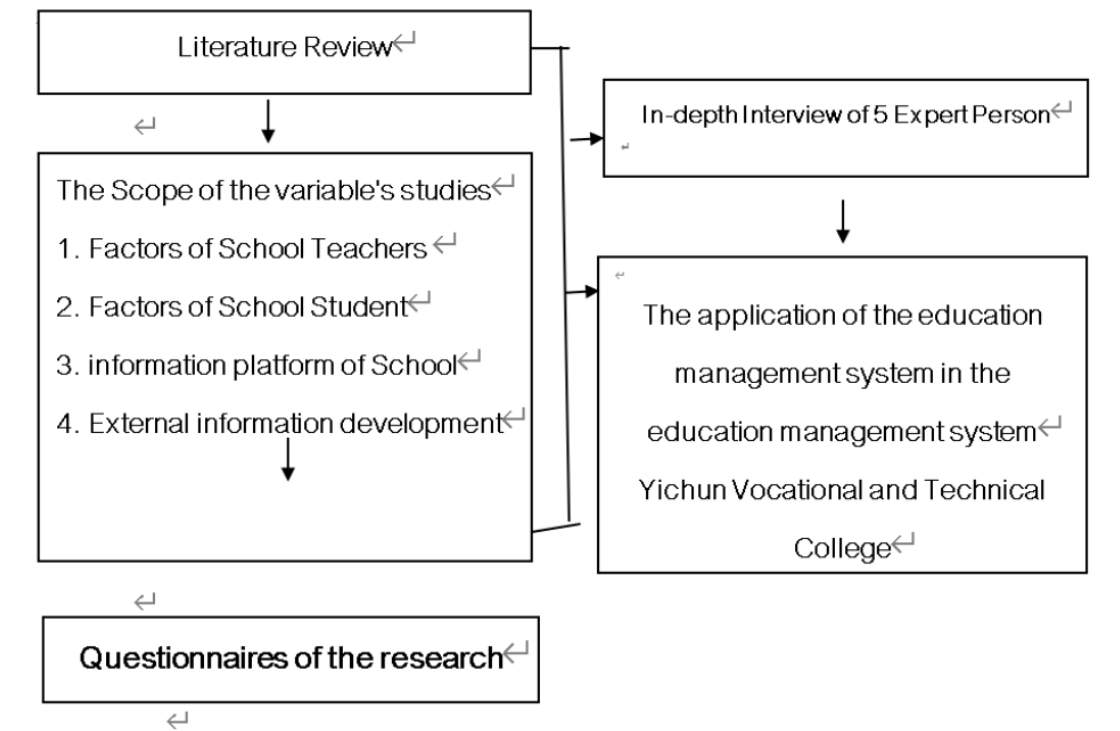


Figure 1: Conceptual framework



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Research Methodology

1. Research instruments

The following are two Research instruments used by the investigator: 1) Research questionnaire

Part 1: Questionnaire on the personal information of the interviewees. The basic information of the interviewees, the gender of the respondent 2) the age of the respondent 2) the age of the respondent 3) the highest educational background of the respondent and the work experience of the respondent 5) The establishment state of the interviewees. Part 2: About Yichun City Vocational and Technical College Education Management System Education Management System Survey questionnaire, created by researchers, a total of 59 entries, divided into 20 aspects, that is, 2) Expert Interview Form Research Tools This is an interview form created by researchers. Among them, there are questions about the education management system of Educational Management Systems of Yichun Vocational and Technical College of Vocational and Technical College, and found that there are 4 aspects.

2. Data collection

The researcher distributed the questionnaire to the sample group, and collected data from 181 respondents with the following steps:

1) Keep in touch with employees, collect data from the management staff and professors of Yichun City Vocational and Technical School to assist in collecting data from the school management personnel, and submit questionnaires by carried a questionnaire in person to determine the date of collecting data. 2) Collect data in the sample. 3) Carrying questionnaires to verify its integrity. Then encode the questionnaire and use a computer program to evaluate the results of the data. 4) Collect data by interviewing 5 experts.

3. Data Analysis and Statistics

The researcher took all the received questionnaires to check the completeness. of every questionnaire and bring the obtained data for statistical analysis by using a computer to calculate statistical values with a statistical package. There are steps to operate as follows: 1. Analyse part 1 of the questionnaire about the status of the respondents by using qualitative variables, namely frequency and percentage, presented in the form of an accompanying table. Analyse the No. 2 questionnaire of the management level of Yichun Vocational and Technical College, and find out the mean and standard deviation of both parties and the overall as a whole. It takes into account the average score obtained from the questionnaire of the online people. Using the analysis of the conclusions and content analysis of questionnaires, the analysis results of Application Research on the Education



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Reference

- Chen Yulin. (n.d.). Innovative Development Path of Informatization in Higher Education of Specialty and Industry with Characteristics and Advantages in Universities under the Background of Integration of Industry and Education——Taking Beibu Gulf University as an example. *Technology Wind*, 7(25), 77-79.
- Chen Xiang. (2017). *Research on the Impact and Countermeasures of Academic Management System Data on Higher Education Management in China*. Wuhan University.
- Jia Fei. (2014). Research on the Current Situation and Countermeasures of Informatization Construction of Teaching Management in Colleges and Universities. *Journal of Nanjing University of Science and Technology: Social Science Edition*, (11).
- Liu Nan. (2021). Analysis on the Informatization Construction of University Teaching Management in the Network Age. *Cultural Industry*, (03), 103-104.
- Li Chong. (2019). Problems and Paths in the Informatization Construction of Teaching Management in Universities under the Background of Academic Affairs Management System. *Teacher*, (05), 18-19.
- Liu Juan. (2021). Exploring the Innovative Path of ICT in Higher Education Management in the Data Environment of Academic Management System. *The Path to Success*, (02), 10-11.
- Li Ruigui. (2010). The Necessity and Implementation Ways of Teaching Management Informatization in Colleges and Universities. *China Electric Power Education*, (21).
- Li Chong. (2019). Problems and Paths in the Informatization Construction of Teaching Management in Universities under the Background of Academic Affairs Management System. *Teacher*, (05), 18-19.