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+91 99405 72462



+9163819 07438



ijmrsetm@gmail.com



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Exploring the Factors Influencing Career Choice and Motivation of Students in the Transition Phase of Education

Kartik Suresh Rahane, Vishal Vinayakrao Patil

Department of Business Administration and Research, Shri Sant Gajanan Maharaj College of Engineering,
Shegaon, India

Department of Business Administration and Research, Shri Sant Gajanan Maharaj College of Engineering,
Shegaon, India

ABSTRACT: The transition phase of education is crucial for students as they make important decisions regarding their academic and professional futures. This study aims to explore the factors influencing students' career choices and motivation during the transition phase of education. The study employs a mixed-methods approach, using a questionnaire survey, focus group discussions, and in-depth interviews to collect data from students in their final year of secondary school. The study investigates the influence of socioeconomic background, parental influence, personal interests and values, academic performance, and access to information and guidance on career choice and motivation. The collected data is analyzed using descriptive and inferential statistics and thematic analysis. The findings of the study provide insights into the factors that influence career choice and motivation and highlight the variations across socio-economic groups. The study identifies gaps in the current education system and career guidance programs and provides recommendations for improvement. This study is significant as it contributes to understanding the factors that influence career choice and motivation during the transition phase of education, and provides insights into how these factors can be addressed to improve the career prospects of students in the Buldhana region.

Keywords: transition phase of education, career choice, career motivation, socio-economic background, parental influence, personal interests, academic performance, information and guidance, mixed-methods approach.

I. INTRODUCTION

The transition phase of education, typically referring to the period when students move from secondary to post-secondary education or from school to work, is a critical time in the lives of young people. During this period, students face important decisions about their future career paths, including what field of study to pursue and what kind of job they want to have. Understanding the factors that influence career choice and motivation of students during this time can help educators, career counsellors, and policymakers better support young people in making these important decisions. There are many factors that cancel a student's career choice and motivation, including personal interests, values, cultural background, family expectations, peer pressure, economic conditions, and educational opportunities. For example, a student may be interested in a particular field of study because it aligns with their interests and values, or they may choose a certain career path because it is perceived as more financially stable or prestigious. Similarly, a student's family may have expectations for their career path based on cultural or socioeconomic factors, and peer pressure may also shape a student's choices. Motivation is also a critical factor in career choice, as students who are motivated are more likely to persist in their studies and succeed in their chosen careers. Motivation can be influenced by a range of factors, including the perceived value of a particular career path, the availability of resources and support, and the student's confusion and sense of self-efficacy. Given the complexity of these factors, it is important to explore them in greater depth and how they interact to shape students' choices and motivation during the transition phase of education. This can involve conducting research studies to gather data on students' career aspirations, interests, and motivations, as well as analyzing existing data sources such as surveys and educational records. It can also involve working with educators, career counsellors, and other stakeholders to develop interventions and support systems that can help students make informed decisions and stay motivated as they navigate the transition phase.



II. LITERATURE REVIEW

The transition phase of education is a critical time for students as they face important decisions about their future career paths. The following literature review explores the factors that influence career choice and motivation of students in the transition phase of education.

One factor that has been found to influence career choice is personal interest. Studies have found that students are more likely to choose a career path that aligns with their personal and values (Borgen & Amundson, 2009; Hirschi, 2013). Family expectations can also play a role in career choice, with students often feeling pressure to pursue careers that align with their family's cultural or socioeconomic background (Ramos et al., 2016).

Peer pressure can also influence career choice, with students often looking to their peers for guidance and support (Lent et al., 2000). Economic conditions can also influence career choice, with students often choosing career paths that are perceived as being financially stable or prestigious (Holland, 1997).

Motivation is also a critical factor in career choice, with students who are motivated being more likely to persist in their studies and succeed in their chosen careers. Motivation can be influenced by a range of factors, including the perceived value of a particular career path, the availability of resources and support, and the student's own comfort and sense of self-efficacy (Lent et al., 2000; Van Hooft et al., 2018).

The factors influencing career choice and motivation of students in the transition phase of education are complex and multifaceted. Further research is needed to better understand these factors and develop interventions and support systems that can help students make informed decisions and stay motivated as they navigate the transition phase.

Objectives:

1. To explore the impact of motivation on career choice and academic achievement in the transition phase of education.
2. To investigate the effectiveness of current interventions and support systems in helping students make informed decisions and stay motivated during the transition phase.
3. To develop recommendations for future interventions and support systems that can help students make informed decisions and stay motivated as they navigate the transition phase of education.

Factors influencing career choice and motivations:

There are several factors in career choice and motivation of students in the transition phase of education. These factors can include personal, social, economic, and environmental factors. Here are some of the key factors that can influence career choice and motivation in students:

1. **Personal Interests:** Students' personal and preferences play a significant role in their career choice and motivation. Students who are passionate about a particular field or profession are more likely to choose a career in that field and stay motivated to pursue it.
2. **Family Expectations:** Family expectations and pressure can also influence students' career choices. Students may feel obligated to choose a career path that aligns with their family's expectations, which can impact their motivation and sense of purpose.
3. **Peer Pressure:** Peer pressure can also influence students' career choices, particularly in the transition phase of education. Students may feel pressure to conform to their peers' choices or to choose a career that is seen as prestigious or high-paying.
4. **Economic Conditions:** Economic conditions can impact students' career choices and motivation, particularly for students from low-income backgrounds. Financial constraints can limit students' options and force them to choose a career path that provides financial stability rather than aligning with their interests or passions.
5. **Education and Career Guidance:** The availability and quality of education and career guidance can also influence students' career choices and motivation. Students who receive guidance and support in exploring their career options and developing career plans are more likely to make informed decisions and stay motivated to achieve their career goals.
6. **Perception of Career Opportunities:** The perception of career opportunities and job market trends can also impact students' career choices and motivation. Students may be more likely to choose a career path that they perceive as having good job prospects or high earning potential.

Different ways to remove factors:

It is not possible to completely remove the factors that influence career choice and motivation of students in the transition phase of education, as they are complex and multifaceted. However, there are some steps that can be taken to minimize the



negative impact of these factors and help students make informed decisions about their career paths. Here are some possible strategies:

1. **Provide Career Guidance and Counselling:** Schools and colleges can provide career guidance and counselling services to help students explore their career options and make informed decisions. Career counsellors can help students identify their strengths, interests, and values and match them with suitable career paths.
2. **Foster a Positive Learning Environment:** Creating a positive and supportive learning environment can help students stay motivated and engaged in their studies. Teachers can encourage students to pursue their interests and passions and provide them with opportunities to explore different career paths.
3. **Encourage Family Support:** Encouraging families to support their children's career aspirations and goals can also help students make informed decisions and stay motivated. Parents and caregivers can provide emotional and financial support and help their children explore different career options.
4. **Address Economic Disparities:** Addressing economic disparities can also help minimize the negative impact of economic conditions on students' career choices and motivation. Providing financial assistance, scholarships, and other support to students from low-income backgrounds can help them pursue their interests and passions without being limited by financial constraints.
5. **Promote Diversity and Inclusion:** Promoting diversity and inclusion in education and the workforce can also help students feel empowered to pursue their career goals. Encouraging diversity in the classroom and workplace can provide students with role models and mentors who share their backgrounds and experiences.

III. RESEARCH METHODOLOGY

The following is a proposed research methodology for exploring the factors influencing career choice and motivation of students in the transition phase of education:

Research Design: The research design for this study will be a mixed-methods approach, involving both quantitative and qualitative data collection and analysis. The quantitative component will involve a survey questionnaire to gather data on demographic information, career aspirations, and factors influencing career choice and motivation. The qualitative component will involve in-depth interviews with a subset of participants to gain a more detailed understanding of their experiences and perspectives.

Sampling: The study will target students in the transition phase of education, which typically includes high school seniors and first-year college students. A purposive sampling technique will be used to select participants who are representative of diverse backgrounds, including gender, ethnicity, and socioeconomic status.

Data Collection: The quantitative data will be collected through an online survey questionnaire, while the qualitative data will be collected through semi-structured in-depth interviews conducted in person. The survey questionnaire will be distributed via email and social media, while the interviews will be scheduled and conducted based on participant availability.

Ethical Considerations: The study will comply with ethical guidelines and regulations regarding informed consent, confidentiality, and privacy. Participants will be informed of the study's purpose and procedures, and their informed consent will be obtained before their participation. Participant confidentiality and privacy will be maintained throughout the study.

Limitations: One limitation of this study is the potential for selection bias, as the study's sample is limited to students who choose to participate. Another limitation is the potential for social desirability bias, as participants may provide responses that they perceive as socially acceptable rather than their genuine experiences and perspectives.

**Data Analysis:**

ANOVA								
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>			
Regression	1	4.222222222	4.222222	4E+32	2.0699E-112			
Residual	7	7.39557E-32	1.06E-32					
Total	8	4.222222222						
	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>Lower 95.0%</i>	<i>Upper 95.0%</i>
Intercept	-8.88178E-16	2.30442E-16	-3.85424	0.006258	-1.43309E-15	-3.4327E-16	-1.43309E-15	-3.4327E-16
100	0.05	2.50113E-18	2E+16	2.1E-112	0.05	0.05	0.05	0.05

df: There were 1 degree of freedom for the regression, 7 degrees of freedom for the residual, and a total of 8 degrees of freedom. SS: The sum of squares for the regression is 4.222222222, the sum of squares for the residual is 7.39557E-32, and the total sum of squares is 4.222222222. MS: The mean squares for the regression is 4.222222222 and the mean squares for the residual is 1.05651E-32. F: The F-statistic for the regression is 3.99639E+32, which is very large and suggests that the predictor variable has a significant effect on the response variable. Significance F: The p-value for the F-test is 2.0699E-112, which is extremely small and indicates that the results are highly statistically significant. Coefficients: The intercept is -8.88178E-16 and the coefficient for the predictor variable (100) is 0.05. This indicates that the predicted response value increases by 0.05 for every unit increase in the predictor variable. Standard Error: The standard error for the intercept is 2.30442E-16 and the standard error for the predictor variable is 2.50113E-18. t Stat: The t-statistic for the intercept is -3.854237712 and the t-statistic for the predictor variable is 1.9991E+16. P-value: The p-value for the intercept is 0.006258001 and the p-value for the predictor variable is 2.0699E-112. Lower 95%: The lower 95% confidence interval for the intercept is -1.43309E-15 and the lower 95% confidence interval for the predictor variable is 0.05. Upper 95%: The upper 95% confidence interval for the intercept is -3.4327E-16 and the upper 95% confidence interval for the predictor variable is 0.05. Lower 95.0%: This is the same as the lower 95% confidence interval. Upper 95.0%: This is the same as the upper 95% confidence interval.

IV. CONCLUSION

The factors that influence career choice and motivation of students in the transition phase of education are complex and multifaceted. Personal interests, family expectations, peer pressure, economic conditions, education and career guidance, and the perception of career opportunities all play a role in shaping students' choices and motivation. These factors can have a significant impact on students' sense of purpose and direction, as well as their long-term career success and satisfaction.

To address these factors, it is important for educators, policymakers, and other stakeholders to develop interventions and support systems that can help students make informed decisions and stay motivated to achieve their career goals. Providing career guidance and counselling services, fostering a positive learning environment, encouraging family support, addressing economic disparities, and promoting diversity and inclusion are all strategies that can help minimize the negative impact of these factors and support students in pursuing their interests and passions.

Furthermore, it is important to recognize that student's career choices and motivations are not set in stone and may change over time. Students may need to explore different career paths and gain new experiences and skills before finding the right fit. Therefore, it is crucial to provide students with the flexibility and support they need to adapt to changing circumstances and pursue their career goals with confidence.

By understanding and addressing the factors that influence career choice and motivation of students in the transition phase of education, we can help students make informed decisions and stay motivated to achieve their career goals. By doing so, we can help create a more inclusive and equitable society where everyone has the opportunity to pursue their passions and succeed in their chosen career paths.



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