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Original Research Article

Achievement Motivation and Academic Achievement of Alcoholic and Non-Alcoholic College Students

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Abstract: Understanding the very importance of achievement motivation and academic achievement in the context of growing student alcoholism, this study has been undertaken to study the levels of achievement motivation and academic achievement of and their relationship in alcoholic and non-alcoholic college students. The non-alcoholic college students are better in achievement motivation and academic achievement when compared with alcoholic college students. The alcoholic college students should understand the problems and consequences that accompany and embarrass their personal as well as academic activities. They should accept the fact that the habit of their drinking is hindering their academic progress. Hence, the alcoholic college students should keep themselves away from drinking and do their best to be on par with non-alcoholic college students in every academic activity.

Keywords: alcoholism, academic activities, college students

INTRODUCTION

Achievement motivation refers to the desire of a person to meet standards of excellence. The need to achieve, also known as n-Ach, energizes and directs the behaviour and influences the perception of situations. It is not biological but shows a tremendous effect on human behaviour. People differ in the degree to which they experience this need.

Academic achievement is excellence in all academic disciplines, in class as well as in extra-curricular activities. It includes excellence in sporting, behaviour, confidence, communication skills, punctuality, assertiveness, arts, culture, and the like. Academic achievement or performance refers to how students deal with their studies and how they cope with or accomplish different tasks given to them by their teachers. Academic performance is the ability to study and remember facts and being able to communicate knowledge verbally or down on paper.

Drinking behaviour is a complex one, and there is a need to broaden the range of issues studied, particularly extending analysis to the economic, political and ecological factors that have thus far

received far less study than the psycho-social issues. Alcoholism is a chronic, progressive and often fatal disease. It is a primary disorder and not a symptom of other diseases or emotional problems. The alcohol consumption can be categorized into moderate drinking, hazardous (heavy) drinking and harmful drinking. The chemistry of alcohol allows it to affect nearly every type of cell in the body, including those in the central nervous system. After prolonged exposure to alcohol, the brain adapts to the changes that alcohol makes and becomes dependent on it. The severity of the disease is influenced by factors such as genetics, psychology, culture and response to physical pain.

Identifying the very importance of achievement motivation and academic achievement in academic courses of professional and arts students, this study has been undertaken to study the levels of achievement motivation and academic achievement of and their relationship in alcoholic and non-alcoholic college students.

Objectives of the Study

The objectives of the study were: (1) To find out the achievement motivation of alcoholic and non-

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alcoholic college students. (2) To find out the achievement motivation of alcoholic and non-alcoholic arts students. (3) To find out the achievement motivation of alcoholic and non-alcoholic commerce students. (4) To find out the achievement motivation of alcoholic and non-alcoholic science students. (5) To find out the achievement motivation of alcoholic and non-alcoholic medical students. (6) To find out the achievement motivation of alcoholic and non-alcoholic nursing students. (7) To find out the achievement motivation of alcoholic and non-alcoholic pharmacy students. (8) To find out the achievement motivation of alcoholic and non-alcoholic engineering students. (9) To find out the achievement motivation of alcoholic and non-alcoholic computer students. (10) To find out the achievement motivation of alcoholic and non-alcoholic management students. (11) To find out the academic achievement of alcoholic and non-alcoholic college students. (12) To find out the academic achievement of alcoholic and non-alcoholic arts students. (13) To find out the academic achievement of alcoholic and non-alcoholic commerce students. (14) To find out the academic achievement of alcoholic and non-alcoholic science students. (15) To find out the academic achievement of alcoholic and non-alcoholic medical students. (16) To find out the academic achievement of alcoholic and non-alcoholic nursing students. (17) To find out the academic achievement of alcoholic and non-alcoholic pharmacy students. (18) To find out the academic achievement of alcoholic and non-alcoholic engineering students. (19) To find out the academic achievement of alcoholic and non-alcoholic computer students. (20) To find out the academic achievement of alcoholic and non-alcoholic management students. (21) To find out the difference in the achievement motivation of alcoholic and non-alcoholic college students. (22) To find out the difference in the academic achievement of alcoholic and non-alcoholic college students. (23) To find out the correlation between achievement motivation and academic achievement of alcoholic and non-alcoholic college students. (24) To find out the correlation between achievement motivation and academic achievement of alcoholic and non-alcoholic arts students. (25) To find out the correlation between achievement motivation and academic achievement of alcoholic and non-alcoholic commerce students. (26) To find out the correlation between achievement motivation and academic achievement of alcoholic and non-alcoholic science students. (27) To find out the correlation between achievement motivation and academic achievement of alcoholic and non-alcoholic medical students. (28) To find out the correlation between achievement motivation and academic achievement of alcoholic and non-alcoholic nursing students. (29) To find out the correlation between achievement motivation and academic achievement of alcoholic and non-alcoholic pharmacy students. (30) To find out the correlation

between achievement motivation and academic achievement of alcoholic and non-alcoholic engineering students. (31) To find out the correlation between achievement motivation and academic achievement of alcoholic and non-alcoholic computer students. (32) To find out the correlation between achievement motivation and academic achievement of alcoholic and non-alcoholic management students.

Methodology of Research

The normative survey method was in the present study. This method investigates into the conditions and relationships that exist at present in the context of achievement motivation and academic achievement.

Variable is a condition or characteristic which the experimenter manipulates, controls or observes. For the present study, the variables chosen were: 1. Arts students (MA alcoholic and MA non-alcoholic college students), 2. Commerce (MCom alcoholic and MCom non-alcoholic college students), 3. Science (MSc alcoholic and MSc non-alcoholic college students), 4. Medical students (MBBS alcoholic and MBBS non-alcoholic college going students), 5. Nursing (BNursing alcoholic and BNursing non-alcoholic college students), 6. Pharmacy (BPharm alcoholic and BPharm non-alcoholic college students), 7. Engineering students (BTech alcoholic and BTech non-alcoholic college students), 8. Computer students (MCA alcoholic and MCA non-alcoholic college students), and 9. Management students (MBA alcoholic and MBA non-alcoholic college students).

Hypotheses are the guesses or tentative generalizations which provide a basis to the whole study to be tested by facts. For the present study, the hypotheses formulated were: (1) There is no high achievement motivation in alcoholic and non-alcoholic college students. (1A) There is no significant difference in the achievement motivation of alcoholic and non-alcoholic arts students. (1B) There is no significant difference in the achievement motivation of alcoholic and non-alcoholic commerce students. (1C) There is no significant difference in the achievement motivation of alcoholic and non-alcoholic science students. (1D) There is no significant difference in the achievement motivation of alcoholic and non-alcoholic medical students. (1E) There is no significant difference in the achievement motivation of alcoholic and non-alcoholic nursing students. (1F) There is no significant difference in the achievement motivation of alcoholic and non-alcoholic pharmacy students. (1G) There is no significant difference in the achievement motivation of alcoholic and non-alcoholic engineering students. (1H) There is no significant difference in the achievement motivation of alcoholic and non-alcoholic computer students. (1I) There is no significant difference in the

achievement motivation of alcoholic and non-alcoholic management students. (2) There is no high academic achievement in alcoholic and non-alcoholic college students. (2A) There is no significant difference in the academic achievement of alcoholic and non-alcoholic arts students. (2B) There is no significant difference in the academic achievement of alcoholic and non-alcoholic commerce students. (2C) There is no significant difference in the academic achievement of alcoholic and non-alcoholic science students. (2D) There is no significant difference in the academic achievement of alcoholic and non-alcoholic medical students. (2E) There is no significant difference in the academic achievement of alcoholic and non-alcoholic nursing students. (2F) There is no significant difference in the academic achievement of alcoholic and non-alcoholic pharmacy students. (2G) There is no significant difference in the academic achievement of alcoholic and non-alcoholic engineering students. (2H) There is no significant difference in the academic achievement of alcoholic and non-alcoholic computer students. (2I) There is no significant difference in the academic, achievement of alcoholic and non-alcoholic management students. (3) There is no significant difference in the achievement motivation of alcoholic and non-alcoholic college students. (4) There is no significant difference in the academic achievement of alcoholic and non-alcoholic college students. (5) There is no correlation between achievement motivation and academic achievement of alcoholic and non-alcoholic college students. (5A) There is no correlation between achievement motivation and academic achievement of alcoholic and non-alcoholic arts students. (5B) There is no correlation between achievement motivation and academic achievement of alcoholic and non-alcoholic commerce students. (5C) There is no correlation between achievement motivation and academic achievement of alcoholic and non-alcoholic science students. (5D) There is no correlation between achievement motivation and academic achievement of alcoholic and non-alcoholic medical students. (5E) There is no correlation between achievement motivation and academic achievement of alcoholic and non-alcoholic nursing students. (5F) There is no correlation between achievement motivation and academic achievement of alcoholic and non-alcoholic pharmacy students. (5G) There is no correlation between academic achievement and achievement motivation of alcoholic and non-alcoholic engineering students. (5H) There is no correlation between academic achievement and achievement motivation of alcoholic and non-alcoholic computer students. (5I) There is no correlation between academic achievement and achievement motivation of alcoholic and non-alcoholic management students.

A sample is a small group which represents all the traits and characteristics of the population. The

alcoholic and non-alcoholic students studying in colleges of arts, commerce medical, nursing, engineering, computers and management of Guntur district were selected as population. The stratified random sampling technique was used in selecting the sample. The sample size was 900 (nine hundred) college students, consisting 100 students each from MA, MCom, MSc, MBBS, BNursing, BPharm, BTech, MCA and MBA courses.

A research tool is a tool used for the purpose of data collection. The research tool used in the present study was the Achievement Motivation Scale of Beena Shah. The annual exam marks of the sample were considered for measuring academic achievement. For the analysis of the data, statistical techniques, viz., mean, standard deviation, critical ratio and correlation were used.

Conclusions, Discussion and Suggestions

From the analysis of data, the following conclusions are drawn and are followed by necessary suggestions.

- **The alcoholic and non-alcoholic college students are holding an average level of achievement motivation.**

The alcoholic and non-alcoholic college students can enhance their achievement motivation by understanding the old students' learning activities which may be valuable in helping them developing a greater understanding of their unique goals and needs in an educational system that was originally established to facilitate growth, training and education of young adults.

- **The alcoholic arts students possess a low level of achievement motivation. The non-alcoholic arts students are holding an average level of achievement motivation. There is a significant difference in the achievement motivation of alcoholic and non-alcoholic arts students.**

As the alcoholism is a hindrance to effective learning and suitable creativity, they should stay away from it.

- **The alcoholic commerce students possess a low level of achievement motivation. The non-alcoholic commerce students are holding an average level of achievement motivation. There is a significant difference in the achievement motivation of alcoholic and non-alcoholic commerce students.**

The college commerce students by recognizing the importance of the study of commerce in their lives and careers can enhance their achievement motivation.

- **The alcoholic science students possess a low level of achievement motivation. The non-alcoholic science students are holding an average level of achievement motivation. There is a significant difference in the achievement motivation of alcoholic and non-alcoholic science students.**

The science students are known for their discipline and motivation as they are moulded so in their classrooms and laboratories. The science students need to enhance their achievement motivation. The alcoholic science students should also enhance their achievement to the expected levels as they also need to settle well in scientific careers.

- **The alcoholic medical students possess a low level of achievement motivation. The non-alcoholic medical students are holding an average level of achievement motivation. There is a significant difference in the achievement motivation of alcoholic and non-alcoholic medical students.**

The behaviour of an individual can differ due to the motivational drives as an individual is introduced to varying environmental and cultural factors in the college life. These factors will strongly influence an individual's behaviour despite his own intrinsic motives for success. As future professional doctors, the medical students must stay away from alcohol consumption as it hampers their achievement due to low achievement motivation.

- **The alcoholic nursing students are possessing a low level of achievement motivation. The non-alcoholic nursing students are holding an average level of achievement motivation. There is a significant difference in the achievement motivation of alcoholic and non-alcoholic nursing students.**

Nursing is a noble profession and it needs unlimited patience and unaccounted service. By having desirable achievement motivation, the nursing students can do well in the examination as well as in their careers. The alcoholic nursing should enhance their achievement motivation in order to do well in examination like their counter parts, non-alcoholic nursing students.

- **The alcoholic pharmacy students possess a low level of achievement motivation. The non-alcoholic pharmacy students are holding an average level of achievement motivation. There is a significant difference in the achievement motivation of alcoholic and non-alcoholic pharmacy students.**

The pharmaceutical education mostly makes the pharmacy students realize the importance of motivation to do well in their course work. If students are properly motivated, they do well and if not, they do

otherwise. So, they should develop better achievement motivation. The alcoholic students should realize the bad affects of alcohol and develop higher achievement motivation.

- **The alcoholic engineering students possess a low level of achievement motivation and the non-alcoholic engineering students are holding an average level of achievement motivation. There is a significant difference in the achievement motivation of alcoholic and non-alcoholic engineering students.**

College environment and student goals will mainly direct the actions of staff, students and others to the extent that they adopt the knowledge of human functioning and the actions consistent with such knowledge. By exercising certain behaviours that facilitate learning, they directly control situational factors in which learning occurs. The alcoholic engineering students should understand the risks associated with alcoholism and engineering profession, and avoid alcohol consumption and develop achievement motivation.

- **The alcoholic computer students are possessing a low level of achievement motivation compared to non-alcoholics who are possessing an average level of achievement motivation. There is a significant difference in the achievement motivation of alcoholic and non-alcoholic computer students.**

Seeking ways to demonstrate how motivation plays an important role in one's educational settings, one can encourage instructional programmes that offer alternatives with the idea that they might be more effective in motivating students. By using extrinsic reward systems judiciously and inviting motivational speakers to the college, one can enhance their achievement motivation. The alcoholic students should not become pray to alcoholism and develop better achievement motivation to enhance their academic achievement.

- **The alcoholic management students are possessing a low level of achievement motivation. The non-alcoholic management students are with an average level of achievement motivation. There is a significant difference in the achievement motivation of alcoholic and non-alcoholic management students.**

Achievement motivation can be enhanced by bringing in outstanding speakers to the college meetings, placing names of high achieving students on the honor roll, publishing an annual report of academic achievement and mailing it to parents, and displaying academic awards and trophies in the college. The alcoholics need to compare their academic achievement

with non-alcoholics and enhance their achievement motivation as it is one of the guiding factors of academic achievement.

- **The alcoholic and non-alcoholic college students are holding a high academic achievement.**

The college students may enhance their academic achievement by developing better study habits, by participating in all seminars and workshops intensively, by participating in yoga and meditation and by developing more achievement motivation. Their academic achievement can also be improved by mingling with co-students in performing different kinds of academic activities like quiz competitions, debates, etc., as per the norms and standards laid down in the course work.

- **The alcoholic arts students are possessing an average level of academic achievement. The non-alcoholic arts students are possessing a high level of academic achievement. There is a significant difference in the academic achievement of alcoholic and non-alcoholic arts students.**

Both the alcoholic and non-alcoholic arts students can enhance their academic achievement by developing better learning skills. To make students love learning and to use the art of learning to apply themselves in their academic subjects, developing a positive attitude towards college and quality education is a dire need. The alcoholics should stay away from alcohol as it is effecting their academic achievement.

- **The alcoholic commerce students are possessing an average level of academic achievement. The non-alcoholic commerce students are possessing a high level of academic achievement. There is a significant difference in the academic achievement of alcoholic and non-alcoholic commerce students.**

The college students of commerce should develop skills in accounts management as it helps them do well in commerce and accountancy. If the students master the contents and components of commerce, they will excel in examination and achieve better academic achievement. The alcoholic students should keep themselves away from alcohols and do their best in academics to stay on par with non-alcoholics.

- **The alcoholic science students are possessing an average level of academic achievement. The non-alcoholic science students are possessing a high level of academic achievement. There is a significant difference in the academic achievement of alcoholic and non-alcoholic science students.**

The science students with their good discipline and love towards the subject need to enhance their

academic achievement more as the science in the core of several materialistic innovations and of comfortable life and living. The alcoholic science students also do well in examinations to have a better and bright future.

- **The alcoholic medical students are possessing an average level of academic achievement. The non-alcoholic medical students are possessing a high level of academic achievement. There is a significant difference in the academic achievement of alcoholic and non-alcoholic medical students.**

The importance of high academic achievement or the desire to be a good doctor should be emphasized. A student should choose a career by choice rather than do a job on the wish of others. Self discipline and responsibility should be inculcated in the students to enhance their academic achievement. The alcoholics need to think again and again before taking alcohol as it has been a cause for low academic achievement.

- **The alcoholic nursing students are possessing an average level of academic achievement. The non-alcoholic nursing students are possessing a high level of academic achievement. There is a significant difference in the academic achievement of alcoholic and non-alcoholic nursing students.**

As nursing in the noblest profession and is linked with lives, the alcoholic and non-alcoholic students need to master the subject and achieve well in examinations. When they master the course content, they can extend better service to the patients. The alcoholic nursing students should enhance their academic achievement as they need to join the nursing profession with full competency.

- **The alcoholic pharmacy students are possessing an average level of academic achievement. The non-alcoholic pharmacy students are possessing a high level of academic achievement. There is a significant difference in the academic achievement of alcoholic and non-alcoholic pharmacy students.**

The pharmacy students, after completing their course, need to provide accurate quantum of drugs either to the doctor or to the patients on prescription. Unless they master the subject, they fail in performing their duties. So, the pharmacy students should do well in academic achievement. The alcoholic students need to stay away from alcohol and master the subject.

- **The alcoholic engineering students are possessing an average level of academic achievement. The non-alcoholic engineering students are holding a high level of academic achievement. There is a significant difference in**

the academic achievement of alcoholic and non-alcoholic engineering students.

Methods of time management and self discipline in academic pursuits should become priority of the students. Strategies for effective learning should be effectively planned, implemented and evaluated. Analytical and critical thinking skills that are essential to excel in their academics should be developed. Stress management and life style choices that foster academic success must be inculcated in one's college life. The alcoholics should think of the bad affects of alcoholism and keep themselves away from it.

- **The alcoholic computer students are possessing an average level of academic achievement. The non-alcoholic computer students are holding a high level of academic achievement. There is a significant difference in the academic achievement of alcoholic and non-alcoholic computer students.**

The expansion of information technologies makes computers accessible practically to all students at college as well as at home. Computers can be used to help in homework or for free time activities. Looking for information online involves the solution of educable resources in order to extract, organize and integrate information which develops problem solving skills in the college course subjects. Students should focus on the conditions necessary for effective learning while using computers. The alcoholics should understand the ill affects of alcoholism and do not consume it in order to have better academic achievement.

- **The alcoholic management students are having an average level of academic achievement. The non-alcoholic management students are with a high level of academic achievement. There is a significant difference in the academic achievement of alcoholic and non-alcoholic management students.**

The alcoholic as well as non-alcoholic college students should increase their levels of academic achievement as it is one of the parameters in the selection process of jobs and in career development. The alcoholic management students need to think about the sufferings that arise out of alcoholism and stay away from it to help themselves and also others.

- **The alcoholic college students are possessing a low level of achievement motivation. The non-alcoholic college students are possessing an average level of achievement motivation. There is a significant difference in the achievement motivation of alcoholic and non-alcoholic college students.**

As a college community, demonstrate to students how motivation plays an important role in one's life, both professionally and personally, and

ensure that restructuring the programmes will address the issues related to student motivation. Inclusion of alcoholics and non-alcoholics in every academic activity will promote their achievement motivation.

- **The alcoholic college students possess a low level of academic achievement and the non-alcoholic college students are with an average academic achievement. There is a significant difference in the academic achievement of alcoholic and non-alcoholic college students.**

As there is a significant difference in the academic achievement of alcoholic and non-alcoholic college students, the alcoholic students should discard the habit of drinking and try to improve their level of academic achievement. The college, in general, and the family, in particular, and the community, at large, need to try to help the alcoholic students become non-alcoholics and settle well in their lives and careers.

- **There is middle level positive correlation between achievement motivation and academic achievement of alcoholic and non-alcoholic college students.**

The academic circles need to support and implement programmes that help avoid alcoholism in college students and help them do well in academic achievement and achievement motivation as they are inter-related.

- **There is a very low negative correlation between achievement motivation and academic achievement of alcoholic and non-alcoholic arts students.**

Well designed and executed arts education leads to overall improved academic performance and also achievement motivation. It builds the skills necessary for workplace success and develops a positive influence on the lives of the students.

- **There is a very low positive correlation between achievement motivation and academic achievement of alcoholic and non-alcoholic commerce students.**

Established facts about the career selection and development of commerce pursuers will help commerce students do well in their academic activities in the college or university.

- **There is a low positive correlation between achievement motivation and academic achievement of alcoholic science students and there is a very low negative correlation between achievement motivation and academic achievement of non-alcoholic science students.**

Interest in science and discipline in behaviour help the science students achieve success both in education and in vocation.

- **There is a very low positive correlation between achievement motivation and academic achievement of alcoholic medical students and there is a very low negative correlation between achievement motivation and academic achievement of non-alcoholic medical students.**

Development of intrinsic motivation in students is an important goal for educators because of its inherent importance for future motivation as well as for effective learning. High motivation and engagement in learning have consistently been linked to increased levels of student success.

- **There is a low positive correlation between achievement motivation and academic achievement of alcoholic nursing students and there is a very low negative correlation between achievement motivation and academic achievement of non-alcoholic nursing students.**

Love in profession and joy in service may support the nursing students excel in all walks of life and career.

- **There is a very low positive correlation between achievement motivation and academic achievement of alcoholic pharmacy students and there is no correlation between achievement motivation and academic achievement of non-alcoholic pharmacy students.**

Strategies that help in promoting achievement motivation and achievement motivation help the pharmacy students achieve success in all academic parameters.

- **There is a very low positive correlation between achievement motivation and academic achievement of alcoholic and non-alcoholic engineering students.**

By helping the students experience the moments of self-actualization and self-realization, students can discover for themselves the pleasure of acquiring new knowledge. This helps the students acquire self-motivation leading to a perceptual desire to learn and to achieve better.

- **There is a very low positive correlation between achievement motivation and academic achievement of alcoholic computer students and there is a very low negative correlation between achievement motivation and academic achievement of non-alcoholic computer students.**

An extremely important component of the climate of the effective college is the presence of visible symbols which illustrate and confirm what is considered to be important in the college. The strength of one's motivation to act depends on the importance

attached to the goal in question and one's judgement about its achievability; motivational strength also depends on one's judgement about how successful a particular behaviour will be in moving towards goal achievement.

- **There is a very low positive correlation between achievement motivation and academic achievement of alcoholic management students and there is a very low negative correlation between achievement motivation and academic achievement of non-alcoholic management students.**

Practices that ensure clarity and completeness of assignments and appropriate review procedures for different types of case studies must be effectively evaluated. Demonstrating thinking skills such as long term planning, critiquing and focused attention can reap positive social and academic benefits. Thus, the link between academic achievement and achievement motivation be established and enhanced.

“The college teachers and the social and educational environment should make the college students feel comfortable during their course period. The college students should enhance their academic achievement and achievement motivation by adopting better strategies. Better skills, good relations with peers and teachers, good teaching learning material, effective audio-visual aids, quality instruction, self motivation, adjustment, yoga and meditation, better study habits, good life skills, appropriate aspirations, etc., will help the college students in enhancing their academic achievement and achievement motivation. The college students should develop and improve all of the above in order to master the skills and knowledge and to become expert professionals in future after rolling out of the colleges.”

“Teachers must build a community of learning that cares most about helping students achieve more in academics through an atmosphere of cooperation and understanding. Teacher teams should develop curriculum and work together with local artists to present and enhance new learning experiences. Teachers should learn that the creation of independent student learning activities allow students to develop their own learning skills in a different way from teacher led classroom instruction and encourage students to take risk in order to increase their understanding.”

Suggestions for Further Research

The present study, A Study of Achievement Motivation and Academic Achievement of Alcoholic and Non-Alcoholic College Students, brings to light a good number of new areas to be studied by future researchers. The areas and variables that are not covered by this study may be put to test to enlighten the

other associated factors. So, the researchers may think of the following areas of study in detail.

Studies may be taken up to study the impact of alcoholism on students and their academic achievement. Studies may be taken up to identify the various factors that make a student to become alcoholic and the measures that eradicate alcoholism in educational campuses. Studies may be taken up on experimental basis to inculcate, nourish and promote achievement motivation and academic achievement in alcoholics. Studies may be taken up to identify the impact of various factors on alcoholics and their behaviour and studies. Studies may be taken up to identify the background reasons of alcoholic students and their settlement of life and their present position in society. Studies may be conducted on the physical, psychological, personal, sociological and economical problems of alcoholic students. Studies may be conducted on family background, and feelings and experiences of alcoholic students. Studies may be taken up to suggest suitable measures to stop excessive drinking and binge drinking in colleges. Studies may be conducted how to enhance the academic achievement and achievement motivation in alcoholic college students. Studies may be taken up on suitable therapies and withdrawal symptoms to get rid of the problem of consuming alcohol in college students. Studies may be taken up to know the effect of factors like age, stage of education, socio-economic status, attitude, adjustment, creativity and other factors on academic achievement and achievement motivation. Studies may be taken up to know the influence of academic achievement and achievement motivation on the overall personality of the student. Studies may be considered to know the impact of education, employment, economic status, etc., of parents on the academic achievement and achievement motivation of students. Studies may be undertaken to find out the influence of school environment, home environment, teachers and co-students on the academic achievement and achievement motivation of students.

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