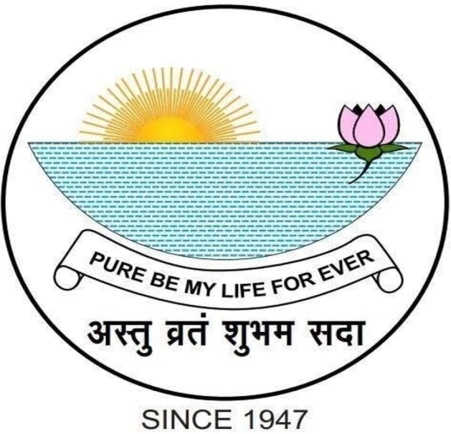
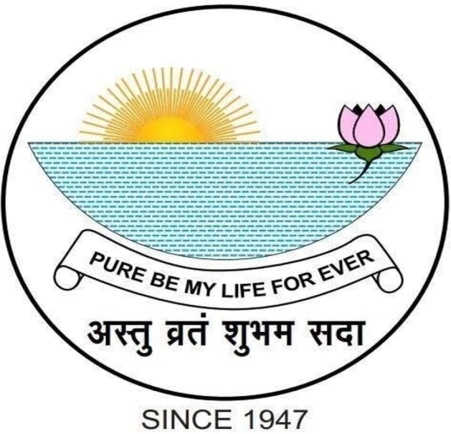
PROJECT REPORT

2022-2023

STUDENT PROGRESSION OF BATCH 2018-22:AN EMPERICAL ANALYSIS

SREE KERALA VARMA COLLEGE THRISSUR DEPARTMENT OF STATISTICS [NAAC ACCREDITED WITH “B++” GRADE]

CERTIFICATE

SREE KERALA VARMA COLLEGE THRISSUR

DEPARTMENT OF STATISTICS

(Affiliated to university of Calicut)(NAAC Accredited with “B++” Grade)

This is to certify that the project report entitled “STUDENT PROGRESSION OF BATCH 2018-22:AN EMPERICAL ANALYSIS”is a genuine work carried out under the supervision and guidance of Prof. Viswas V Nadh in practical fulfillment of the requirement for BSc degree in university of Calicut.

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DECLARATION

I hereby declare that the project report entitled “ASSESSMENT ON INFORMATION OF PASSED OUT STUDENTS AND THEIR PRESENT STATUS” submitted to university of Calicut in partial fulfillment of requirement for award of Degree of ‘Bachelor Science’. In record of original work done by us during the period of our study in Sree Keralavarma College, Thrissur.

Place:THRISSUR

Date:

NAME: PARVATHI P M REG NO: SKAUSST019

SREESHMA K S SKAUSST008

ANJALY M A SKAUSST027

SIVANANDANA T R SKAUSST020

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ABSTRACT

This study attempts to analyze facilities, activities or their suggestions on improvement of the basic needs in the college and the academic pattern of the students. We collected the data from the alumni of Sree Kerala Varma College, Thrissur, from the departments of Botany, Zoology(both UG and PG) and Sanskrit(both UG and PG).The study focuses to gather actionable feedback from students about the institute and its faculty and to analyze how students feel about their college and its facilities. The study also analyze about the rate of students opted for higher studies and got placed. Also to analyze variations in their UG marks among different departments.

KEYWORDS

Progress, Alumni, Facilities, Urban and Rural, Mean marks

INTRODUCTION

Sree Kerala Varma College is a government aided higher educational institution situated in Kanattukara, Thrissur, founded in 1947 by His Highness Aikya Keralam Thampuran ,the Maharajah of erstwhile Kingdom of Cochin. Managed by Cochin Devaswom Board, Sree Kerala Varma College(affiliated to University of Calicut) is located in a vast lush green campus, only 3 kilometers away from the heart of Thrissur, the cultural capital of Kerala.

Sree Kerala Varma College is one of the oldest institutions in Kerala that was first proposed by a committee of common people of a very under-privileged area in Kerala, Thrissur. After the independence of India in 1947 the need for an educational institution to serve especially the regional people in Kerala, the proposal of SKVC, Thrissur was hatched. It was when the Maharajah of Cochin, Sree Kerala Varma took the initiative of economically helping the plan to get successfully executed by lending land and sufficient financial support. The foundation stone of the college grounded on his benevolent contribution. As a remembrance of his generosity, the institution was named after him. The campus of SKVC Thrissur inherits age old significance and currently administrative and academic buildings.

The core values that SKVC Thrissur inculcates are equality and fraternity, purity in mind and deed and freedom of speech and choice of expression.

Sree Kerala Varma College is a semi-residential college blessed with rich flora and fauna, this campus offers the seekers of knowledge 8 post-graduates,17 under-graduate programmes besides hosting 3 research centres (Malayalam, English and Political Science).An excellent academic team from various facilities(including 40 Ph.D and 25 M.Phil degree holders) heads the academic activities. Fully equipped with amenities like centralized library, science and language laboratories, hostels for boys and girls, SKVC also is vibrant with creative and socially committed campus having National Cadet Corps(India),NSS, Nature club, film club, drama club, fine arts club etc.

This prestigious institution which is the alma mater of multitudes who have made their mark in various fields, was awarded the highest grade “A” by the National Assessment and Accredition Council in 2009 for its meritorious performances and contributions .SKVC holds rich tradition extending beyond 75 years in higher education scenario of Kerala. This college has acclaimed fame among the colleges of the affiliating Calicut University for its splendid performance on varied fronts like diversity of its teaching departments and the excellence in academics. The contribution of Sree Kerala Varma College in arts , science, languages, humanities and commerce are invaluable.

OBJECTIVES

1.To analyze personally identifiable informations of alumini students

2.To assess the satisfaction of alumini with various aspects of college and collect their suggestions.

3.To analyze academic performance of the alumini.

4.To analyze placement status of alumini in accordance with their locality.

METHODOLOGY

In this study we are analyzing the quality and standard of our college, Sree Kerala Varma college, Thrissur. Overall target population of this survey was the alumini students those have passed out from the college in the last 5 years from 3 departments in the college. The total number of data collected is 235.We collected primary data through questionnaire from the alumni students.We selected the alumni students of BSc zoology, BSc Botany, BA Sanskrit , MSc Zoology, MA Sanskrit as our target population and obtained data from students using Google Forms.Convinient sampling is used to collect data regarding the college from each student .We used test for equality of proportion to assess the placement status of students who have passed out from the college regarding their locality whether urban or rural and ANOVA test for calculating differences in mean marks of UG among different departments. Data is represented through classification and tabulation. First we classified the data, then tabulated with their corresponding diagrams .Questionnaire is attached in the appendix.

DATA ANALYSIS AND INTERPRETATION

TABLE 1 AND FIGURE 1: RESPONDENTS WHO ARE COMING FROM URBAN AND RURAL AREAS

|  |  |
| --- | --- |
| Locality | Number of students |
| Rural | 124 |
| Urban | 65 |

From the table and figure 124 students are coming from Rural areas whereas 65 students are coming from Urban areas.

TABLE 2 AND FIGURE 2:NUMBER OF RESPONDENTS FROM UG AND PG:

|  |  |
| --- | --- |
| Type of graduation | Number of respondents |
| UG | 190 |
| PG | 45 |

From the table and column chart given above we can observe that 45 out of 235 respondents are postgraduates from the college and 190 out of 235 respondents are Undergraduates from the college.TABLE 3 AND FIGURE 3:STAY STATUS OF THE RESPONDENTS

|  |  |
| --- | --- |
| Stay status | Number of respondents |
| Hostel | 29 |
| Paying guest | 18 |
| Day scholar | 143 |

From the above table and pie chart we can observe that 143 of the respondents are day scholars, 19 of them are paying guests and 29 are hostellers.

TABLE 4 AND FIGURE 4:MODE OF ADMISSION OF THE RESPONDENTS

|  |  |
| --- | --- |
| Mode of admission | Number of respondents |
| Merit | 122 |
| Management | 39 |
| Sports | 9 |
| Community | 20 |

From the above table and pie chart we can say that 122 out of 235 respondents are admitted through merit seat, 39 of them are admitted through management seat, 20 of them are admitted through community quota and 9 of them are admitted through sports quota.

TABLE 5 AND FIGURE 5:DISTRICTS IN WHICH RESPONDENTS BELONG TO

|  |  |
| --- | --- |
| District | Number of respondents |
| Thrissur | 139 |
| Palakkad | 17 |
| Malappuram | 27 |
| Kozhikkode | 5 |
| Idukki | 1 |
| Non kerala | 1 |

From the table 5 and figure 5 we can observe that 139 out of 235 respondents are from Thrissur district, 17 of them are from Palakkad, 27 of them are from Malappuram, 5 of them are from Kozhikkode , 1 of them from Idukki and 1 from Non kerala.

TABLE 6 AND FIGURE 6:PROPORTION OF MALES AND FEMALES AMONG THE RESPONDENTS

|  |  |
| --- | --- |
| Gender | Number of Respondents |
| Male | 43 |
| Female | 147 |

From the above table and pie chart we can observe that 43 of the respondents are males and 147 of them are females.

TABLE 7 AND FIGURE 7:DEPARTMENT OF RESPONDENTS

|  |  |
| --- | --- |
| Departments | Number of respondents |
| Zoology | 46 |
| Botany | 89 |
| Sanskrit | 55 |

From the above table and figure we can say that 46 of the respondents are from zoology department, 55 are from Sanskrit department and 89 are from botany department.

TABLE 8 AND FIGURE 8:BATCH OF RESPONDENTS

|  |  |
| --- | --- |
| Batch | Number of Respondents |
| 2015-18 | 27 |
| 2016-19 | 28 |
| 2017-20 | 39 |
| 2018-21 | 40 |
| 2019-22 | 56 |

From the above table and figure we can observe that 27 of respondents are from the batch 2015-18, 28 are from the batch 2016-19, 39 are from the batch 2017-20, 40 of them are from the batch 2018-21, 56 are from the batch 2019-22.

TABLE 9 AND FIGURE 9:DIFFERENTLY ABLED STUDENTS

|  |  |
| --- | --- |
| Differently abled | Number of students |
| Yes | 5 |
| No | 185 |

From the above table and figure we can say that 5 of the respondents are differently abled and 185 of them are not differently abled.

TEST FOR EQUALITY OF TWO SAMPLE PROPORTION

WHETHER THERE IS ANY RELATION BETWEEN THE DEGREE PLACEMENT AND LOCALITY

H0:There is no difference between proportion of urbans and rurals got placed.

Against

H1:There is difference between proportion of urbans and rurals got placed.

ie; H0:p1=p2 against H1:p1**≠**p2

|  |  |  |
| --- | --- | --- |
|  | Urban | Rural |
| Got placed(x) | 18 | 33 |
| Sample size(n) | 79 | 155 |
| Proportion(p=x/n) | 0.22784810 | 0.21290322 |

Level of significance (∝)=0.05

Test statistic (z statistic) =-0.261859896

Pooled proportion (p\*)= 0.217948718

q\*=1-p\*= 0.782051282

Z= -0.261859896

P value= 0.39671473

Inference: we accept the null hypothesis since p value is greater than the level of significance

Conclusion: There is no significant difference b/w the proportion of students from urban and rural got placed.

ANOVA TEST

TO TEST THE VARIATIONS IN MARKS OF STUDENTS IN DIFFERENT DEPARTMENTS:

To test,

H0: There is no significant difference between marks of students in different departments.

Against

H1: There is significant difference between marks of students in different departments.

SUMMARY:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Groups | Count | Sum | Average | Variance |
| Botany | 35 | 2720.27 | 77.722 | 72.349046 |
| Sanskrit | 35 | 2409 | 68.82857 | 75.005483 |
| Zoology | 35 | 2702.2 | 77.20571 | 52.383661 |

ANOVA:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Source of variation | SS | df | MS | F | P-value | F crit |
| Between Groups | 1744.588 | 2 | 872.2942 | 13.101563 | 0.00000563 | 3.085465033 |
| Within Groups | 6791.098 | 102 | 66.5794 |  |  |  |
| Total | 8535.687 | 104 |  |  |  |  |

Conclusion: Here F>F(crit), therefore the test is significant.

P value is very smaller than level of significance.

0.00000563<0.05

Inference: Therefore we reject H0.

There is significant difference between marks of students in different departments.

CONCLUSION

SKVC-Sree Kerala Varma College established in 1947 and located in Thrissur. Sree Kerala Varma College is a premier college in Thrissur for known as excellence educational standards, various educational programs, grand faculty, and various extracurricular activities and modern infrastructure. Sree Kerala Varma College affiliated by University of Calicut the college support the highest superior standards and best practices in higher education.

College surveys are essential to gather feedback from students to pinpoint areas of improvement. It is a medium that helps in understanding the issues affecting the students’ overall college experience. During this project, surveying the alumni provide a brief picture of facilities, activities or things liked by students and what they felt need improvement. We have collected feedback about the courses, the faculties, the campus, the academic performance of alumni and other topics to evaluate the students’ learning experience.

Based on the sample of 235 alumni of Sree Kerala Varma College, we have tested whether the proportion of students coming from urban area is equal to proportion of students coming from rural area who got placed using test for equality of proportion which results in the conclusion that the placements of students does not depend on their locality (whether urban or rural).We have also found out that there is variations in mean marks of students among different departments using ANOVA test.

The study has assessed the demographic status of students in the college that most of the students in the college came from rural area while on the district-wise classification majority are from Thrissur district. 62.5% of the respondents are females.

The college is friendly towards differently-abled. The college has provided many capability development and enhancement schemes for the overall development of students. The working of placement cell of college is not so satisfactory. Overall facilities provided by the college are satisfactory.

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