

Tracking Student Performance In Online Exam Of Career Guidance Through Digital Library

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***Abstract** - Career Guidance services are one of the core services in academic colleges. This service can be implemented in college library through digital library. In this regard, Digital Library has to play an important role to deliver the career guidance services in an effective manner. With the availability of several free online quiz software packages at the recent time, it is a great pleasure to authenticate such mechanism to promote the career services among the students of academic colleges. Hence it is very precious duty of every academic librarian to stimulate the students in developing their career guidance skill along with other academic skills. This paper would depict the perception of Digital Library in tracking student performance observed in online exam of career guidance.*

Keywords: Career Guidance, Digital Library, Software, Tracking, Online

1.INTRODUCTION

In this modern era, Digital Library plays a vital role in disseminating various services towards the knowledge development of students. When examining library mission and goals, one can find a strong emphasis on service. Career is defined as a person's course or progress through life. It can be also defined as a distinct portion of life. In this definition career is understood to relate to a range of aspects of an individual's life, learning and work. Career is also frequently understood to relate to the working aspects of an individual's life. A third way in which the term career is used to describe an occupation or a profession that usually involves special training or formal education and is considered to be a person's lifework. career in education" or "a career in the building trade".

Guidance is an integral part of the effective functioning of library professionals in their attempts to educate and train their students to become efficient and effective. It helps every student to understand himself, to make the most of his capabilities and interests, to make effective adjustment with the environment and the institution and to develop ability and inclination to discuss wisely and solve his problems independently.

2. OBJECTIVES OF THIS STUDY

- To provide eminent information to the students regarding Career opportunities and choices
- To conduct a survey among students on their career options

- To organize programmes to create awareness about the importance of higher studies in India or Foreign countries
- To organize diagnostic test for the competitive exams such as IBPS, SSC, UPSC and to counsel them for higher studies.
- To enrich the student with career skill.
- To identify their strength and weakness areas of competitive examinations.
- To make awareness among student about their future development.
- To highlight their lack of skill so as to improve it in future.
- To feel comfortable in facing competitive examinations of their higher studies.
- To track the performance of student who attend online exam
- To identify the gender wise distribution
- To identify the efficiency of students
- To identify the course wise distribution of students.
- To identify the error rate of students
- To identify the student skipped rate in the online exam.

3. NECESSITY OF APTITUDE TEST

In this paper, we would analyze the approach related to organizing diagnostic test for the competitive exams which is one of the objective of Career Guidance. Along with the measurement of general intelligence, the measurement of aptitude is also necessary because both these measures provide sufficient information about the potentialities of an individual. Thus in Career guidance, Aptitude test is needed.

4. METHODOLOGY

To perform aptitude test, there are a lot of approaches seen nowadays such as mock test, online test and so on. We have specially designed software to handle this test to enhance the skills of aptitude among students.

5. TASK INVOLVED IN THIS STUDY

- The librarians have to develop a separate career guidance collection with print and electronic sources.
- They should also make use of the Internet to download career-related information sources.
- He has to be abreast of the current issues and be knowledgeable with career information sources and this preparation will help him to perform well in delivering the career information.
- Librarian has to work in collaboration with other members of the career guidance cell and faculty in general.
- Librarian can gather career data from print, audio/visual, electronic and web-based sources and maintain
- special files/folders for easy access
- by students.
- Librarian ought to introduce variety of career information services that may include –
- information literacy, career information, career counseling, etc.
- Librarian has to interact with students and ascertain their needs to maintain profiles.

- He can revise existing programmes or introduce novel ones based on the feedback from the users and suggestion may receive from alumni association of college.

6. DATA ANALYSIS

Distribution of Student in Online Exam According to Gender

Table-1

TEST NO	MALE	FEMALE	TOT	PERCENTAGE	
				MALE	FEMALE
1	60	14	74	81.08	18.92
2	69	21	90	76.67	23.33
3	55	24	79	69.62	30.38
4	40	28	68	58.82	41.18
TOT	224	87	311	72.03	27.97

From both table-1 reveal the distribution of students who took part in online exam in one of the M.S.University Affiliated college, Tirunelveli according to gender. Out of 311 students who took part in all test, Male is in top most level (72.03%) followed by Female (27.97%)

Distribution of Student in Online Exam According to Course

Table-2

TEST NO	UG	PG	TOT	PERCENTAGE	
				UG	PG
1	59	15	74	79.73	18.81
2	70	20	90	77.78	25.71
3	58	21	79	73.42	28.6
4	56	12	68	82.35	14.57
TOT	243	68	311	78.14	21.86

From both table-2 reveal the distribution of students who took part in online exam in one of the M.S.University Affiliated college, Tirunelveli according to course. Out of 311 students who took part in all test, UG is in top most level (78.14%) followed by Female (21.86%)

Distribution of Student in Online Exam According to Marks

Table-3

TEST NO	<0	10-Jan	20-Nov	21-30	31-40	41-50	TOT
1	8	26	26	13	1	0	74
2	15	24	39	12	0	0	90
3	9	21	19	21	9	0	79
4	24	31	11	2	0	0	68
TOT	56	102	95	48	10	0	311

From both table-3 reveal the distribution of students who took part in online exam in one of the M.S.University Affiliated college, Tirunelveli according to marks. Out of 311 students who took part in all test, Students mostly in top most average level of mark is 1 to 10 (32.80% out of 311) followed by level of mark is 11 to 20 (30.55% out of 311) and then

followed by level of negative mark (18% out of 311) and then followed by level of mark is 21 to 30 (15.43% out of 311) and finally level of mark is 31 to 40 (% out of 311). Also here we observed that there is no one at the level of 41 to 50 marks.

Distribution of Student in Online Exam According to Effectiveness

Table-4

TEST NO	AVG OF EFFECTIVENESS	TOTAL
1	38.83	74
2	34.53	90
3	36.42	79
4	23.2	68
TOT	33.24	311

From both table-4 reveal the distribution of students who took part in online exam in one of the M.S.University Affiliated college, Tirunelveli according to Effectiveness . Out of 311 students who took part in all test, Test no.1 in top most level (38.83%) followed by Test no.3 (36.42%) and then followed by Test no.2 (34.53%) and finally the lowest is Test no.4 (23.2%). Here we observed the average effectiveness of students in all test is 33.24%

Distribution of Student in Online Exam According to Error Rate

Table-5

TEST NO	AVG OF ERROR RATE	TOTAL
1	28.72	74
2	29.77	90
3	33.97	79
4	37.53	68
TOT	32.5	311

From both table-5 reveal the distribution of students who took part in online exam in one of the M.S.University Affiliated college, Tirunelveli according to Error rate. Out of 311 students who took part in all test, Test no.4 in top most level (37.53%) followed by Test no.3 (33.97%) and then followed by Test no.2 (29.77%) and finally the lowest is Test no.4 (28.72%). Here we observed the average error rate of students in all test is 32.50%

Distribution of Student in Online Exam According to Skipped Rate

TABLE-6

TEST NO	AVG OF SKIPPED RATE	TOTAL
1	32.44	74
2	35.68	90
3	28.13	79
4	39.26	68
TOT	33.88	311

From both table-6 reveal the distribution of students who took part in online exam in one of the M.S.University Affiliated college, Tirunelveli according to Skipped . Out of 311 students who took part in all test, Test no.4 in top most level (39.26%) followed by Test no.2 (35.68%) and then followed by Test no.1 (32.44%) and finally the lowest is Test no.3 (28.13%). Here we observed the average error rate of students in all test is 33.88%.

7. MAJOR FINDINGS

- In this study, the findings on the students according to gender reveal the following fact that male students are found to be more than female students
- The findings on the students according to courses reveal the fact that the students are found more in UG than PG.
- The findings on the students according to marks scored reveal the fact that the students are found most at level of marks between 1 to 10.
- The findings on the students according to effectiveness reveal the fact that the students have average efficiency in all test is 33.24 %.
- The findings on the students according to error rate reveal the fact that the students have average error rate in all test is 32.50 %.
- The findings on the students according to skipped rate reveal the fact that the students have average skipped rate in all test is 33.88 %.

8. SUGGESTIONS & RECOMMENDATIONS

- Student from various disciplines should be motivated to take part in this exam to develop their career skill.
- Each month, the librarian may conduct this program twice in various areas which includes Numerical ability, Reasoning, General Knowledge, Current Awareness, Communication Skill, and Computer Awareness.
- After each test, solution for the test with description may be provided to the students so as to avoid mistakes in future competitive examination.
- The Solution for test can be made available in reference section of library and so making non-participants to learn.
- Librarian should compare each student statistical report and make further decision to enlighten their skills.
- Students getting high mark in aptitude can be motivated by awarding certificates and gift of valuable to their career.
- Librarian should encourage student who got lower marks so as to improve the confident level in future
- Special training can be given to the students to enlighten their career skills
- Motivate non-participating members also to make use of this service to develop their skills.
- Librarian should compare each student statistical report and make further decision to enlighten their skills.
- The solution of each set can be sent to participant through e-mail.

9. CONCLUSION

Thus result of this study clearly indicates the overall performance of students who took part in the online exam. We came to know from this study that it is necessary to motivate every students to take part in online quiz exam so as to improve the career skill and to get

employment in the future. Also it states that performance of students can be increased by assisting quality trainer. Librarian, the Information scientist plays a vital role in disseminating job opportunities to right user at right time. Every college may provide formally the career information. This study concludes that there should be no gap between student and librarian to enrich the career skill. The Librarian and every staff members of college should stimulate the student's skill in right path of their career. It is one of the essential tasks of Library professionals.

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