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A study on students perception towards various institutional facilities: The case study of university of agriculture sciences, Raichur, Karnataka

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Abstract
The study was aimed to find out the perception of agriculture students towards various facilities available in the University of Agricultural Sciences, Raichur. This study aims at finding out what is the student's perception about the available facilities and what suggestions they have for improving the same. Their feedback is important since students are the main resource in the campus and they are the largest group that study and live on campus. The findings of the study revealed that, 64.00 percent of the students perceived the physical facilities available at university were average, 52.00 percent of them opined instructional farms/ fields were excellent followed College building (40.00%) and laboratory facilities (34.00%). Regarding library facilities, 56.00 percent of the student opined quality of various library facilities were average, 62.00% of them highly satisfied with regard to accessibility to books and journals. Regarding sports and cultural facilities, 54.00 percent of the students perceived sports and cultural facilities were average. While, 54.00 percent of them opined quality of the various hostel facilities were average, 46.00 percent were highly satisfied with food provided in the hostel, 56.00 percent perceived laundry facility at their university was 'very poor.

Keywords: Students' perceptions, institutional facilities

Introduction

Institutional policies and practices must be oriented toward developing a climate in which students' responsibility for, and active participation in, their own collegiate experience are promoted. Policies that stress the importance of student achievement in-class and co-curricular activities are essential for student growth. The academic and social climate in higher education institutions can support or hinder positive academic outcomes of students. In higher education research, the campus climate has been defined as the current perceptions, attitudes, and expectations that define the institution and its members (Peterson and Spencer 1990) [4].

There is a need for education institutions to consistently measure the performance of educational facilities' service quality - particularly library, classroom, sports, and laboratory services - for continuous improvement from the students' perspective. This is because students are directly involved in the education process hence it is essential to obtain their views on the quality of services as well as the quality of education. The outcome of such study help the service provider to make judgments about the level of the quality of facilities provided in the educational institutions (Hill, Lomas and MacGregor, 2003, Jusoh, Omain, Majid, Md Som and Shamsuddin, 2004) [2].

Agricultural education system is expected to generate benefits to various segments of society in terms of expanding the frontiers of knowledge as well as contributing to the socio-economic development of nation. To accomplish this there is need for an effective monitoring and evaluation of agricultural education system that can track the education results and communicate such results to the various stakeholders like academic community, policy makers, industry players etc. in an appropriate manner that will ensure uptake of such agricultural education system results, in terms of guiding during decision-making or application of the knowledge in Agriculture industry. Hence the purpose of this study was to understand the perception of agriculture students towards various facilities in College of Agriculture, Raichur. It is to understand whether the facilities provided inside university are efficient and to know whether the facilities can be improved.

Methodology

The purpose of study was to understand the perception of agriculture students towards various facilities in UAS,

Raichur. The study was conducted in the University of Agricultural Sciences, Raichur during the academic year 2017-2018. Fifty students of final B.Sc (Agri.) were selected by random sampling method. The data was collected from the students by using the well-constructed questionnaire. Questionnaire was prepared with the help of concerned experts and was pre-tested. The collected data then scored analyzed and interpreted. Students' perception towards institutional facilities was studied by using the Likert type scale in which the responses of students were calculated on a five point quantum scale as Excellent, Good, Average, Poor and Very Poor with the weightage of 5, 4, 3, 2 and 1 respectively.

Results and Discussion
The results are presented with various heads such as overall perception of the students towards various college facilities, student's perception towards the college facilities and conclusion.

Overall perception of students towards various college facilities: Pertaining to overall perception of students towards various college facilities, the data presented in Table 1. Indicates that, 64.00 percent of the students perceived the physical facilities available at university were average followed by good and poor in the order of 24 and 12 percent respectively (Table 1A). Regarding library facilities, 56.00 percent of the student opined quality of various library facilities were average followed by good and poor in the order of 24.00 and 20.00 percent respectively (Table 1B). With regard to sports and cultural facilities, 54.00 percent of the students perceived sports and cultural facilities were average. Further, 26.00 and 20.00 percent of them were perceived as poor and good respectively (Table 1C). Regarding hostel facilities, 54.00 percent of them opined quality of the various hostel facilities were average followed by 30.00 and 16.00 percent of them perceived as poor and good respectively (Table1D).

Table 1: Overall perception of students towards various college facilities (n = 50)

Sl. No	Category	Frequency	Percent
A	**Perception of students towards college quality**		
1.	Poor (<20.52)	06	12.0
2.	Average (20.52– 27.72)	32	64.0
3.	Good (>27.72)	12	24.0
		Mean = 24.12	SD = 3.60
B	**Perception of students about library facilities**		
1.	Poor (<34.10)	10	20.0
2.	Average (34.10– 46.26)	28	56.0
3.	Good (>46.26)	12	24.0
		Mean = 40.18	SD = 6.08
C	**Perception of students towards sports and cultural facilities**		
1.	Poor (<10.47)	13	26.0
2.	Average (10.47-16.75)	27	54.0
3.	Good (>16.75)	10	20.0
		Mean = 13.50	SD = 3.025
D	**Perception of students towards Hostel and other facilities**		
1.	Poor (<20.79)	15	30.0
2.	Average (20.79-35.18)	27	54.0
3.	Good (>35.18)	08	16.0
		Mean = 27.96	SD = 7.17

Perception of students towards various college facilities
The data with regard to perception of students towards various college facilities is presented in Table 2.

A. Indicators of college quality
It is noticed from Table 2A that, 52.00 percent of the students opined instructional farms/fields were excellent followed by class room size and strength (42.00%), infrastructure (College building) (40.00%) and laboratory facilities (34.00%). Whereas, 60.00 percent of the students perceived information communication technology tools (ICT) at college were good followed by availability of laboratory facilities (52.00%), college building (46.00%), class room size and strength (40.00%). Twenty eight percent of them opined that accessibility to laboratory facilities were average followed by instructional farms/ fields (22.00%), availability of laboratory facilities (20.00%) and class room size and strength (18.00%). (Hari Prakash *et al*., 2018) [1].
B. Indicators for library facilities

With respect to perception of students towards library facilities indicated that (Table 2B), 62.00 percent of the students highly satisfied with regard to accessibility to books and journals followed by relevance of the books, journals, magazines & newspapers (54.00%) and arrangement of books and journals in the library (50.00%). Whereas, 62.00 percent of the student's perceived photocopy and printing facilities were good at library followed by CD Rom services (48.00%), data base accessibility (50.00%), arrangement of books & journals, magazines & newspapers available in library (44.00%). Twenty six percent of them perceived that e- notes quality, data base accessibility and computer and internet facilities were average followed by photocopy and printing facilities (22%) and CD Rom services (18%). (Laxman, *et al*., 2020) [3].

C. Indicators for sports and cultural facilities

Pertaining to perception of students towards sports and cultural facilities (Table 2C), 41.00 percent of the students perceived the playground (outdoor) was on excellent and good equally followed by 10.00 and 6.00 percent opined average and poor respectively. Majority of the students perceived the indoor games facilities at their university were 'average' and good in the order of 32.00 and 28.00 percent respectively.

Similarly students perceived the yoga and meditation facilities were 'poor' and 'average' in the order of 38.00 and 26.00 percent respectively. Further, 18.00 percent of the student opined as very poor and only 12.00 percent opined as good. Regarding cultural activities, student's expressed that facilities provided for cultural activities were 'good' and 'average' in the order of 44.00 and 28.00 percent respectively and only 12.00 percent of the student opined excellent

D. Hostel and other facilities: With regard to hostel and

other facilities (Table 2D), 56.00 percent of the students perceived laundry facility at their university was 'very poor. Student's opined that quality of food provided in the hostel was good and average in the order of 46.00 and 26.00 percent respectively and only 10.00% of them opined as excellent. Similarly 30.00 and 24.00 percent of student's perceived "cleanliness maintained in toilets, bathrooms and corridors was poor and average respectively and only 24 percent of the students opined as excellent. Further, it was observed that 30.00 and 26.00 percent of the student's perceived Wi-Fi and CCTV facility at the hostel was poor and average respectively, whereas, only 10.00 percent of the student viewed as excellent. With regard to T.V hall and common room facility in the hostel, 24.00 and 34.00 percent of the student opined good and average respectively and only 4.00% opined as excellent. Regarding medical facilities available at the university, 26.00 and 16.00 percent of the student opined good and excellent respectively. (Hari Prakash *et al*., 2018) [1].

Table 2: Perception of students towards various college facilities

Sl. No	Indicators	Scoring pattern									
		Excellent		Good		Average		Poor		Very poor	
		No	%	No	%	No	%	No	%	No	%
A.	**Indicators of college quality**										
1	Infrastructure (College building)	20	40.0	23	46.0	07	14.0	00	000	00	00
2	Class room size and strength	21	42.0	20	40.0	09	18.0	00	000	00	00
3	Laboratory facilities – availability	13	26.0	26	52.0	10	20.0	01	02.0	00	00
4	Laboratory facilities – accessibility	17	34.0	18	36.0	14	28.0	01	02.0	00	00
5	Instructional farms/ fields	26	52.0	11	22.0	11	22.0	01	02.0	00	00
6	Information communication technology tools(ICT)	08	16.0	30	60.0	07	14.0	03	06.0	02	04
B.	**Indicators for library**										
7	Books and journals- accessibility	31	62.0	17	34.0	02	04.0	00	000	00	00
8	Books and journals- relevance	27	54.0	20	40.0	03	06.0	00	000	00	00
9	Magazines and news papers	27	54.0	22	44.0	00	000	01	02.0	00	00
10	e- Notes quality	11	22.0	20	40.0	13	26.0	06	12.0	00	00
11	Arrangement of books and journals	25	50.0	22	44.0	03	06.0	00	000	00	00
12	Photocopy and printing facilities	07	14.0	25	50.0	11	22.0	07	14.0	00	00
13	CD Rom services	11	22.0	24	48.0	09	18.0	04	08.0	00	00
14	Computer and internet facility	15	30.0	15	30.0	13	26.0	05	10.0	02	04
15	Data base availability	10	20.0	20	40.0	12	24.0	06	12.0	01	02
16	Data base accessibility	06	12.0	25	50.0	13	26.0	06	12.0	00	00
C.	**Indicators for sports and cultural**										
17	Playground (Outdoor)	21	42.0	21	42.0	05	10.0	03	06.0	00	00
18	Indoor games facility	06	12.0	14	28.0	16	32.0	09	18.0	05	10
19	Yoga /Meditation	00	00	06	12.0	13	26.0	19	38.0	09	18
20	Cultural activities	07	14.0	22	44.0	14	28.0	06	12.0	01	02
D.	**Hostel and other facilities**										
21	Quality of accommodation	05	10.0	24	48.0	12	24.0	05	10.0	04	08
22	Quality of food	05	10.0	23	46.0	13	26.0	03	06.0	06	12
23	Cleanliness in toilets, bathrooms and corridors	02	04.0	12	24.0	12	24.0	15	30.0	09	18
24	Laundry facilities	00	000	9	18.0	05	10.0	08	16.0	28	56
25	Bank, ATM, Post office, Canteen	20	40	18	38.0	06	12.0	02	04.0	04	08
26	Medical facilities	08	16	23	26.0	07	14.0	08	16.0	04	08
27	Social medias facility and usage	04	08	19	38.0	16	32.0	08	16.0	03	06
28	T.V Hall and common room facility	02	04	17	34.0	12	24.0	04	08.0	05	10
29	Wi-Fi and CCTV facility	05	10	10	20.0	13	26.0	15	30.0	07	14

Conclusion

Based on the findings of this study, it was concluded that the students were generally satisfied with most of facilities particularly the classroom arrangements, the general library environment, sports ground, Instructional farms/ fields etc.

However, various facilities provided by university like e-notes quality, data base accessibility, computer and internet facilities, photo copying facility, ICT tools, laboratories, library, sports, cultural and hostel facilities were average. Hence, to enhance their level of satisfaction, there is need to

improve/ upgrade the facilities in their respective establishments with modern technologies / infrastructure facilities.

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