



Study of Work Station (Car Parking)

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ABSTRACT:

Parking is essential in every workstation. In this regard, I conducted survey about the student opinion about the present college parking system. For this I constructed a Questionnaire about their level of satisfaction and drew some conclusions and found some recommendations for updating our existing parking system.

Introduction:

Any work station needs number of employees to run. Especially educational institutions involves movement of large number of students, academic and non-academic staff. University is the area where students and faculty engage together to learn, research and innovate new things in their respective fields and subjects. People come from different areas using different vehicles to reach the university and hence movement of vehicles happens in universities in large numbers. The action of leaving a car, scooty, bikes, bicycles etc. somewhere for a time is termed as parking. In university, vehicles are used by students, faculty and other staff members for commutation. Parking space is very essential for any workstation. Especially in educational universities where time is valued more a efficient parking system is required to avoid wastage of time. Everyday a large number of students, faculty and other staff members come from various places if parking is not maintained properly it disturbs whole schedule of the institution. So, for an efficient running of any institution proper parking is one of the important factor. In this regard I conducted a survey about the present and

Objective 1: To analyze the existing condition of college parking

Methodology:

Existing condition of college Parking: Recently I studied about our college existing Parking conditions and I realized Parking problems and made effort to draw some conclusions and recommendations of our parking system. When I took questionnaire with my fellow students they are complaining about the poor maintenance of our parking system especially during busy days (Monday and Wednesday). From direct visit and from questionnaire. There have been common entry and exit points, common slots for both 2 wheelers and four wheelers, poor maintenance especially in rainy its very untidy.

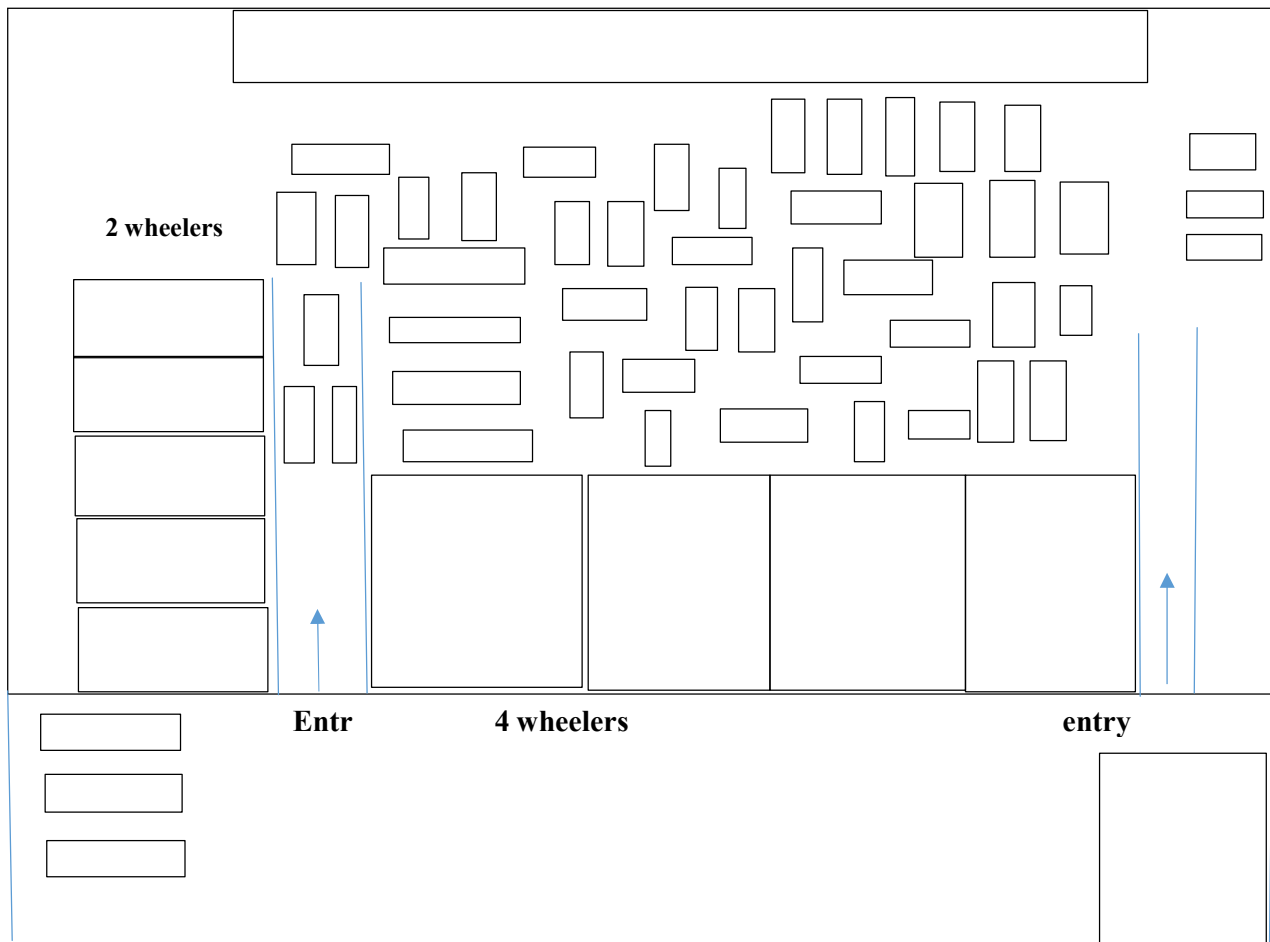


Figure 1. layout of college parking

Work done:

To mitigate above mentioned problems i marked separate ways directing towards alternate exit and entry points to reduce the traffic. Some people are parking vehicles in the entrance thereby blocking other vehicles to enter for this we mentioned no parking area to avoid this blockage and allow free movement of the vehicles.

Sometimes vehicles are arranged in very terrible way without any order because of this vehicles are occupying more than required space and it also giving very bad view to see so we marked clearly how to park and where to park the vehicles in an arranged order. The parking place is cleaned very rarely and it looks very dirty so we requested the allotted worker to clean regularly and maintain the slot very clean.

Results:

Study of work: For this i conducted questionnaire and came to know about following things, most of the students use two wheelers and four wheelers are mostly used by academic staff. Its taking around 2-3 min to park their vehicles in the campus and during afternoon time people are finding hard to find the slot for parking especially on the Monday's. In rainy season mud is the main concern for the students and staff in parking. To avoid these problems we need to provide alternate exit and entry points and separate space for two and four wheeler.

Questions	options	response
Do students at Institution, park at campus	yes / no	yes
If you do not park at campus ,what is the approximate distance from campus	1km D. 1-2km above 2km	1km

How much time do you allot for parking before your class	a.2 min b.3min c.5 min	2 min
What is the primary mode of transportation	a.2 wheeler b.4 wheeler	2 wheeler
During which time is it difficult to you to find a parking spot	early morning b. afternoon C.evening	afternoon
On which day it is typically difficult for you to find a parking spot	monday-tuesday b. Wednesday-Thursday C.Friday-saturday	Monday
On average how long does it take for you to find a parking spot	a.2 min b.5min C. 3min	2 min
Why do you choose to park in that spot	close to classes b. easier to find a parking space c.other	Close to classes
How quick is it to find parking space in the campus	a. under 5 min b.above 5min	Under 5 mins
What are the main problems regarding parking in your workstation	a. heavy traffic b.no vacancy	Ni vacancy
How do you control traffic and allow easy passage of vehicles during peak hours.	a.alternative road b.separate way for 2 wheelers & 4 wheelers	Separate way for 2 and 4 wheelers
What are the problems faced during rainy season	Mud water inside parking slot	Mud
How many times does your vehicle position changed	a.2 times b.4 times c.5 times	4 times
In your perspective what is the solution for parking problem in our college	a. increasing parking space b.separate parking for 2 wheeler & 4 wheeler	Separate parking for 2 & 4 wheeler
In a scale of 5 how do you rate our parking system	a.1-3 b.3-5	3-5

Study of worker:

Here the people who use parking space are academic and non academic staff, students and other workers. Mainly four wheelers are maintained by academic staff. By proper co-ordination and regulations we can maintain a very ordered disciplined parking system for this not just authorities even from us a clear strong support is required.

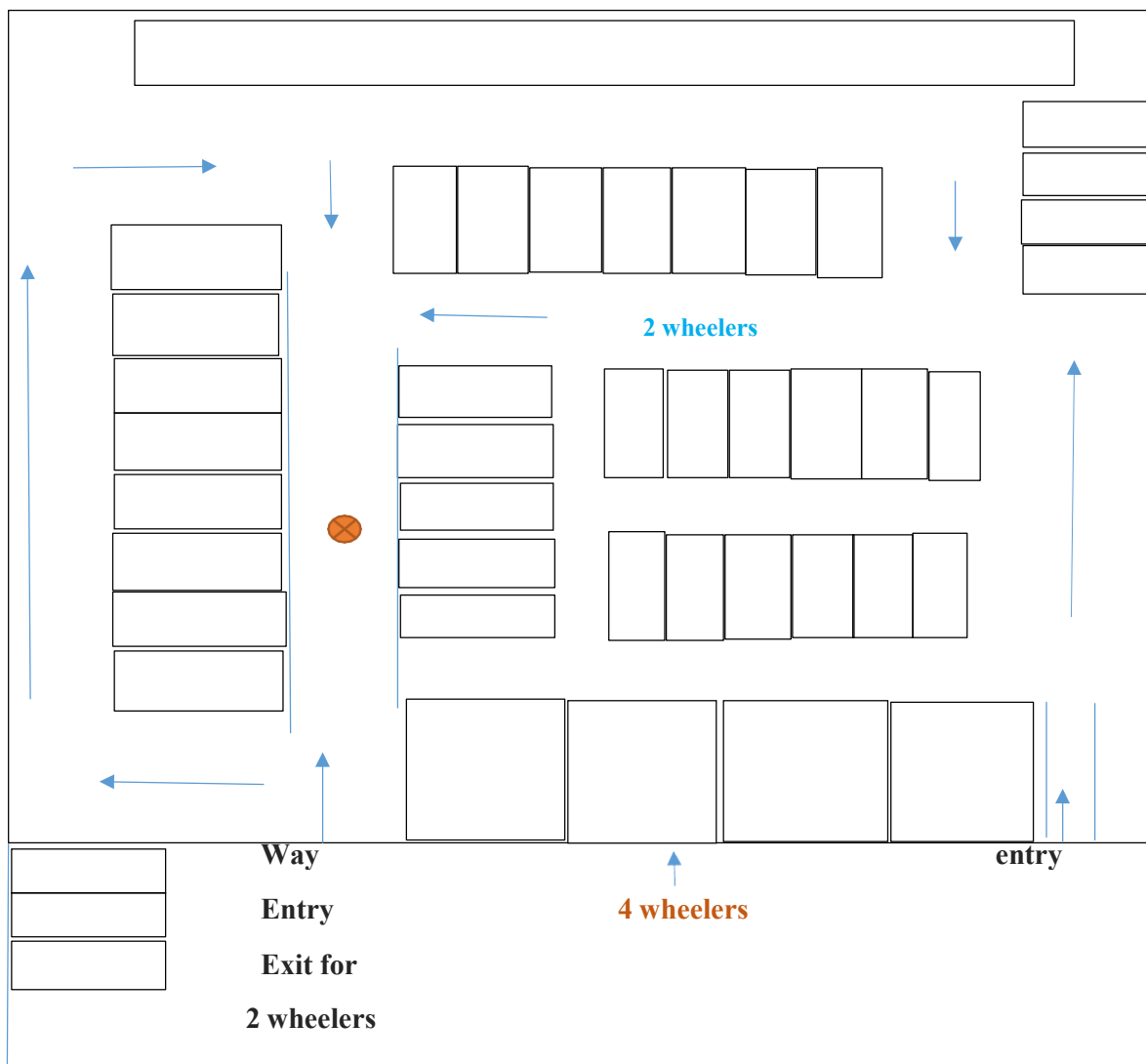
Questions	Response
Teaching staff	Yes
Non-teaching staff	Yes
students	Yes

Other workers	yes
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Study of work place:

We have common one place for parking all vehicles together beside the main entrance. Here we have common entry and exit points and very small parking space compared to required parking place and one thing to be happy is they are maintained in very safe manner. We need to change the existing system by providing extra parking area and alternate entry and exit points for better movement of vehicles.

Questions	Yes/No	Response
Enough parking space		No
Easy entrance/exit available or not		No
Satisfied with safety	yes	



Post analysis: After conducting my self-prepared questionnaire I realized that we can solve this problem by adopting small changes and take bit more interest. By providing alternate exit and entry points and providing separate slots for two wheelers and four wheelers and provide clear marked points for parking, we can bring huge change in our parking system. By cleaning our parking at least thrice in a week gives a very clean pleasant slots.

Findings:

After collecting reviews from the students I founded that majority percent of the students were not satisfied with the existing condition of our parking system and people are expecting to bring strict circular to envision the parking rules. On Monday and Wednesday, the movement of vehicles is heavy compared to other weekdays.

no of students	1	2	3	4	5	6	7	8	9	10
Ratings	3	5	9	3	7	4	5	8	5	4

Mean = sum of ratings of all the students / Total number of student's Mean = $53/10 = 5.3$

1-5 ratings: dissatisfaction

6-10 ratings: satisfaction

From my sample of 10 members 7 people were dissatisfied with present condition of our parking system whereas other 3 people satisfied with present parking system.

Conclusion:

By maintaining good parking system, we can improve our college traffic in more efficient way especially during rainy season this helps in seamless mobility of our students thereby saving their time. It's also environmentally very sound solution it produces very less pollution a good maintained system generate less pollution compared to irregular system. Students and staff also should maintain play their role and park their vehicles in a clean and disciplined manner. By collective efforts we can together develop good Parking system.

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