



Template for Evidence(s) UI GreenMetric Questionnaire

University : Allama Iqbal Open University
Country : Pakistan
Web Address : www.aiou.edu.pk

[5] Transportation (TR)

[5.4] The total number of vehicles (cars and motorcycles) divided by total campus' population

No.	Vehicle	Total Number
No	Vehicle	Total Number
1	Cars managed by the university	10
2	Cars entering the university	350
3	Motorcycles entering the university	290
	Total	650

The total number of vehicles divided by total campus' population:

$$= 650 / 4016 \text{ (population)} = 0.162$$

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[5] Transportation (TR)

[5.5] Shuttle Services

There are two types of shuttle services provided by AIOU to its employees and students.

1. Inside university shuttle:

There are two Zero emission vehicles available to university employees, students and public who can use this service within university premises. Each shuttle operates 20 trips each day.



2. University Pick and drop Service:

University buses are available for university and employees on subsidized rates. University still runs its shuttle service all around Islamabad and its twin city Rawalpindi.



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[5] Transportation (TR)

[5.9] Zero Emission Vehicles (ZEV) Policy on Campus



Zero Emission Buses serving students and public inside campus

Description:

AIU Zero Emission Vehicles (ZEV) Policy on Campus aims to improve the transportation infrastructures in its growing and developing campus in line with sustainability principles as given below.:

- i. Transportation on the campus shall be provided by zero emission vehicles.
- ii. Except for special circumstances, private vehicles shall not be allowed to enter the campus.
- iii. Bicycles shall be available for students and staff.
- iv. Special areas within the campus shall be created where bicycles will be safe.
- v. Campus residents shall be allowed bring their own bicycle to the campus, too.
- vi. Parking and charging areas as well as departure and arrival routes for bicycles and electric vehicles on campus shall be identified.
- vii. Safe bicycle leaving areas in open parking lots shall be established
- viii. Electrical connection infrastructure shall be provided that will meet the necessary energy needs of vehicles in the campus
- ix. Environmentally friendly, highly energy efficient integrated transportation systems shall be established that meet the needs and expectations.
- x. Environmentally friendly tools shall be encouraged and practiced.
- xi. Environmental pollution shall be reduced by using electric vehicles in the supply to the buildings in the campus

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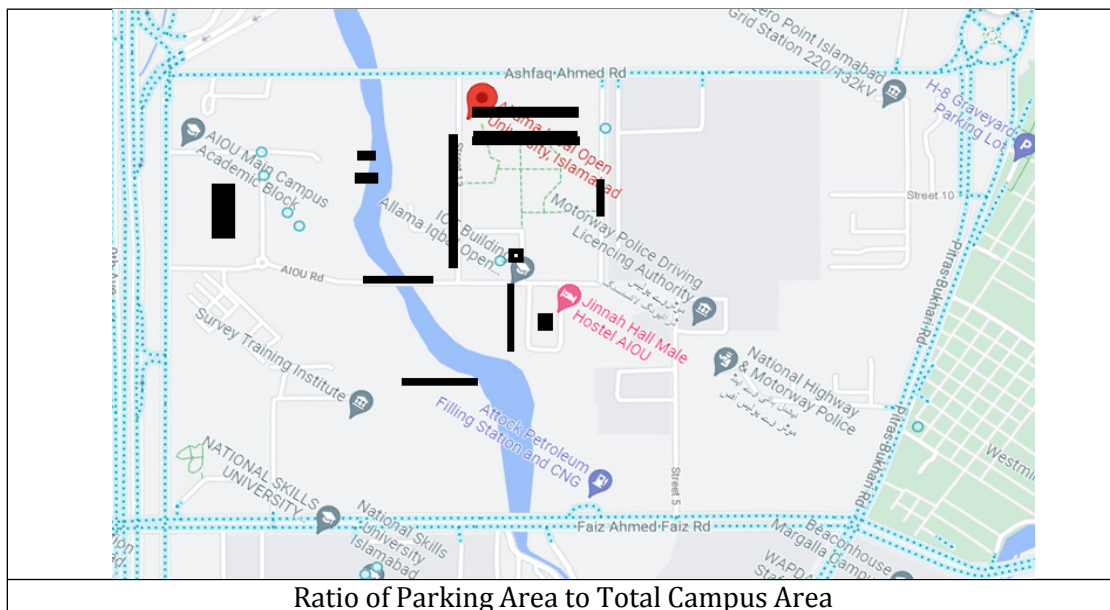


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[5] Transportation (TR)

[5.13] Ratio of Parking Area to Total Campus Area



Description:

Total main campus area: 340,060 m²

Total parking area = 3162m²

Ratio = 0.93

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[5] Transportation (TR)

[5.14] Program to limit or decrease the parking area on campus for the last 3 years (from 2018 to 2020)



1) Out of Campus Parking for private vehicles



2) Drop Facilities by using ride apps Careem, Uber and InDrive



3) Limited parking zones



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Description:

1. The following programs have been implemented to reduce the parking area on campus during 2018-2020:
 - Limited parking zone for staff and students
 - Out of Campus Parking for private vehicles
 - Ride share services to encourage commuters to adopt healthy and sustainable transportation options. (careem, bykea, InDriver, uber)
2. These programs have resulted in more than 50% decrease in parking area inside campus.

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[5] Transportation (TR)

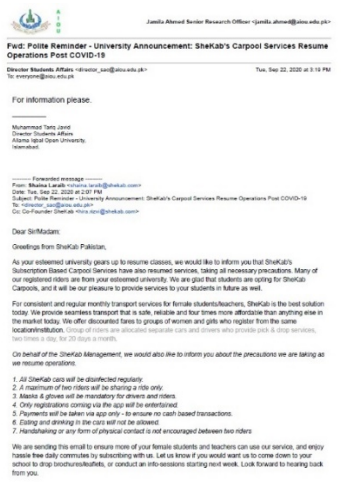
[5.15] Number of Transportation Initiatives to Decrease Private Vehicles on Campus



Campus Bus Shuttle Service



Out of Campus drop off for private vehicles



Encouragement to use carpool services



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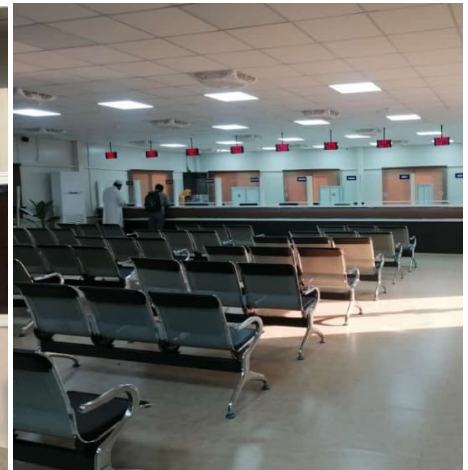
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Ride Share



Metro station outside University Campus



Student facilitation Center near the gate

Description:

1. Shuttle/bus service to reduce entry of private vehicles
2. Out of Campus Parking for private vehicles
3. Encouragement to use carpool services
4. Restriction on vehicles entry at academic area and hostels
5. Shifting of Public/Students facilitation Center from inside campus to the gate

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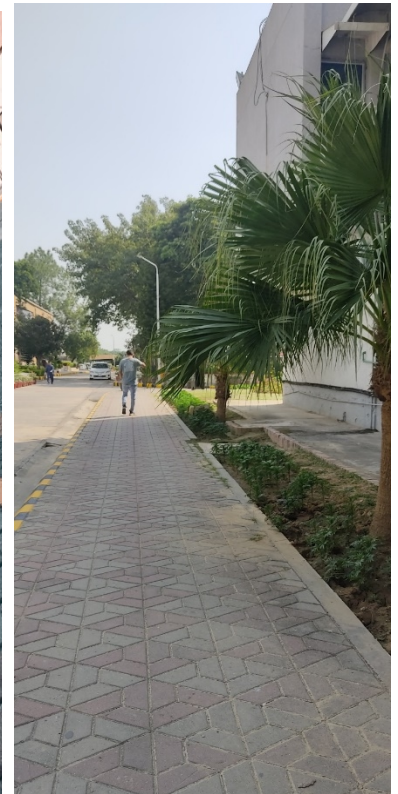
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[5] Transportation (TR)

[5.16] Pedestrian Path Policy on Campus

Keeping in view the importance of pedestrian paths for green environment, Allama Iqbal Open university has following policy guidelines which it follows:

- i. Pedestrian pathways shall be designed, constructed and monitored by Works department of AIOU.
- ii. Fully dedicated pedestrian paths shall be made available to accommodate use and circulation of the Campus.
- iii. The pedestrians' paths at the University shall be designed to provide safety during the night by having street lighting.
- iv. People with Special Needs shall also be accommodated and needful shall be done in this regard.
- v. Fully dedicated staff should always keep check on quality of these pedestrian paths.
- vi. Works Department shall monitor the overall maintenance of pedestrian paths.
- vii. The external pedestrians' pathways alongside the boundary of the campus shall accommodate bicycle circulation also.
- viii. University shall always create short and direct pathways between building entrances.





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Pedestrian path available throughout the university to facilitate walkers



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Ramps at all buildings for pedestrian having physical disabilities



Pedestrian bridge

Description:

1. Separator between road for vehicle and pedestrian path.



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2. Ramps and guiding blocks which have suitable design for pedestrian having physical disabilities.
3. Street lamps for pedestrian at night.
4. Pedestrian bridges are available to connect different buildings of the campus.

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