

# Campus Light Pollution Survey

197 responses

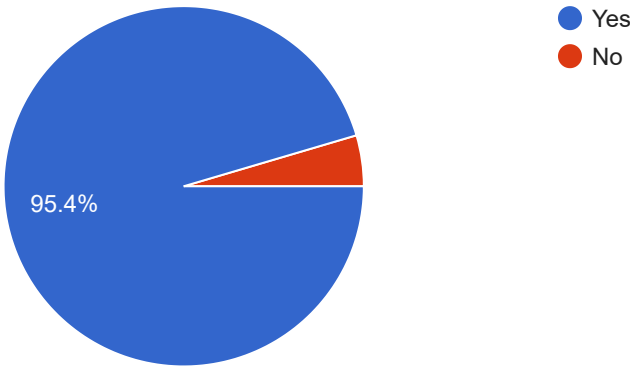
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We, a group of B.Tech students under ISTP, are working on a project related to Light Pollution. Our goal is to raise awareness and understand the various aspects of light pollution, including its impact on our environment and the steps we can take to mitigate its harmful effects. We would greatly appreciate your valuable input in our survey to help us shed light on this topic.

I understand the purpose and nature of this study and I am participating voluntarily. I grant permission for the data generated from this survey to be used in the researcher's publications on this topic

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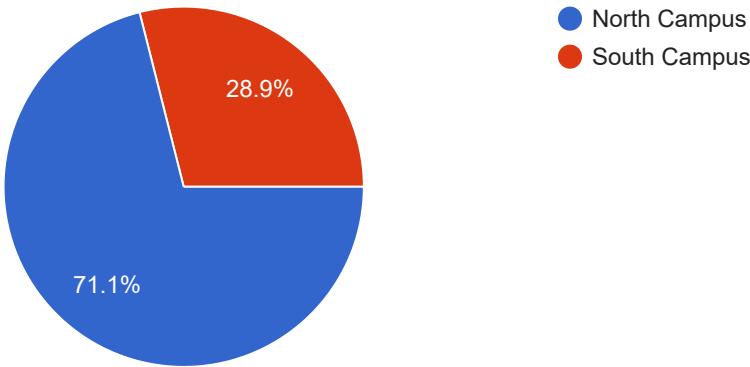
197 responses



Which campus do you reside in?

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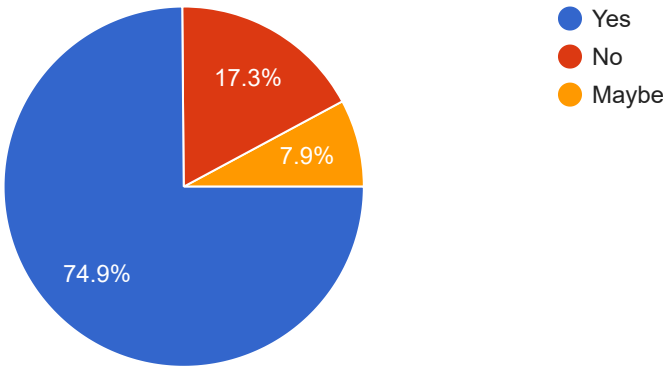
190 responses



Have you heard the term light pollution?

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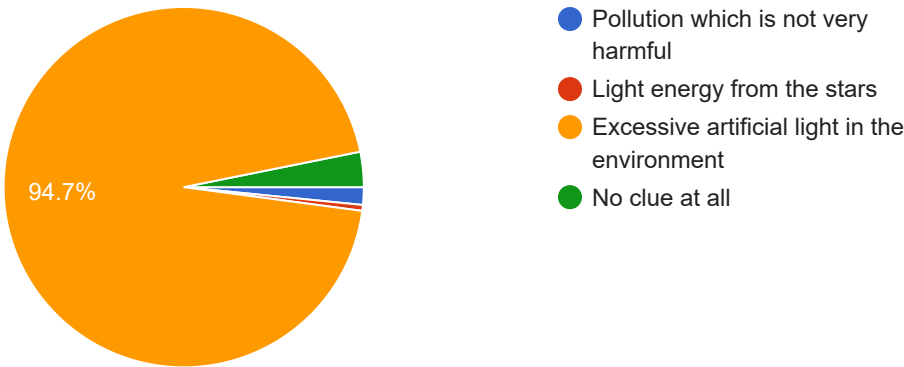
191 responses



What do you think light pollution is?

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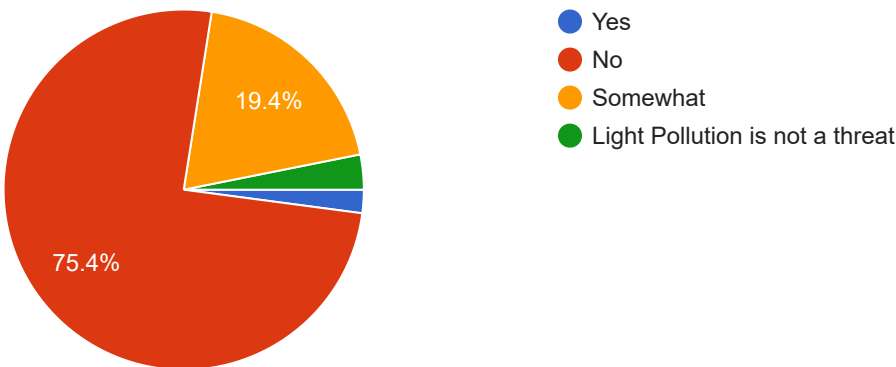
190 responses



Do you think the general public is aware of the threat posed by light pollution?

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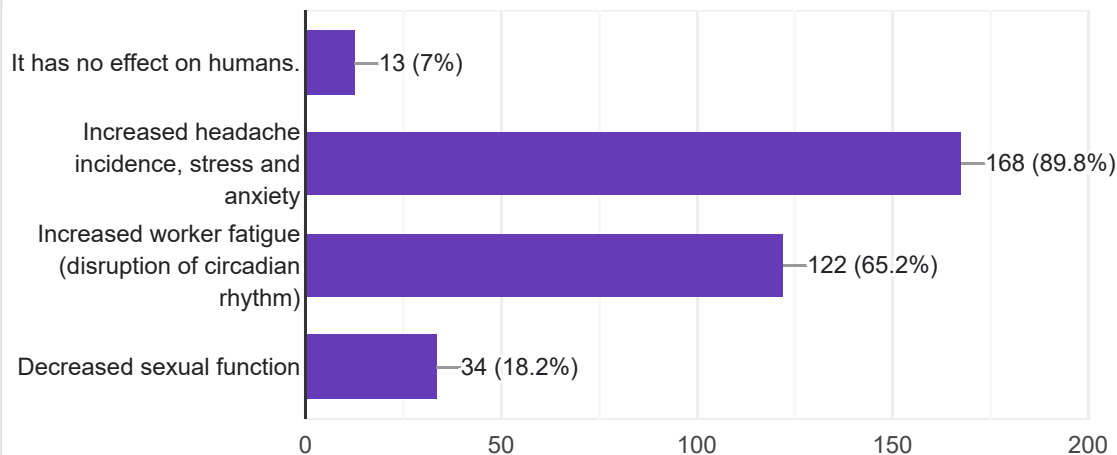
191 responses



What could be the health effects of light pollution on humans? (select all that apply)

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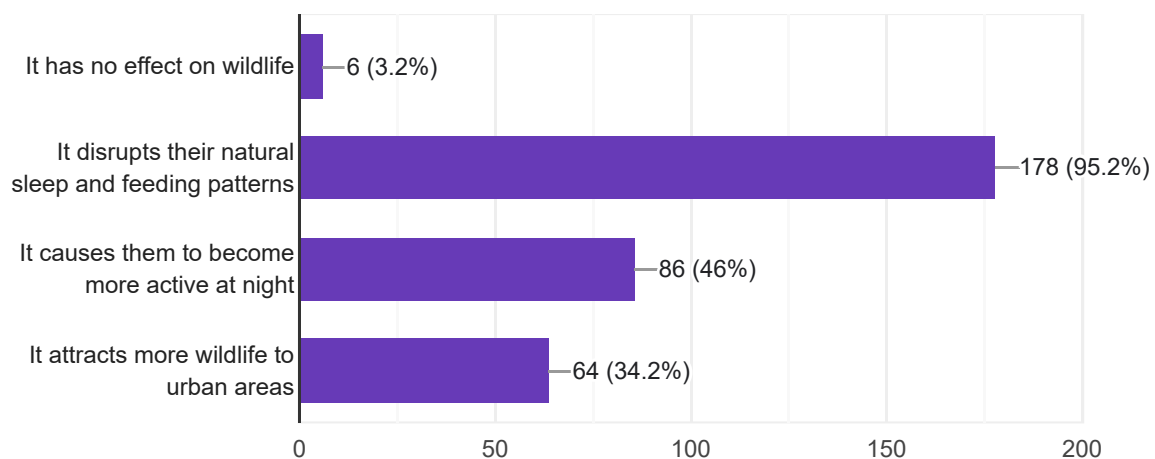
187 responses



How does light pollution affect wildlife? (select all that apply)

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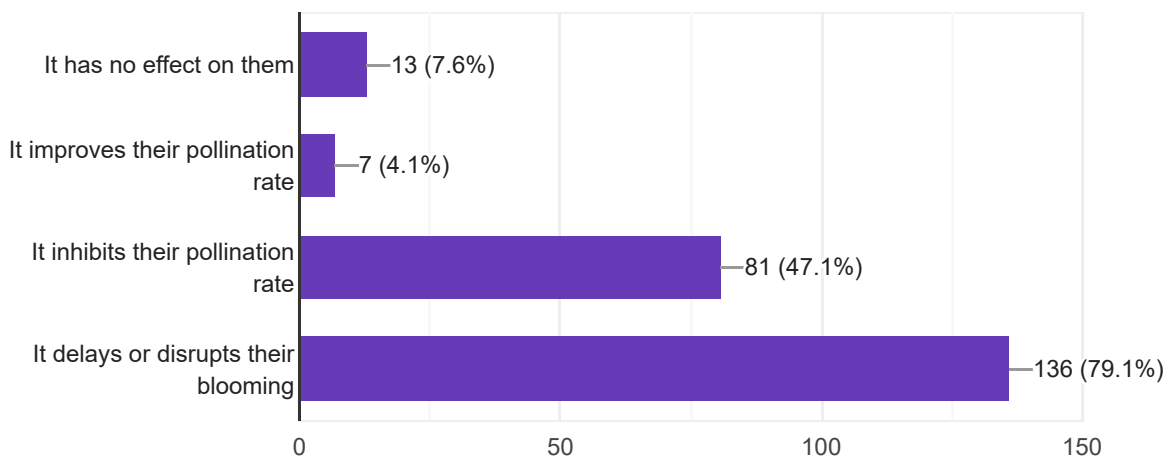
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What is the effect of light pollution on night blooming flowers? (select all that apply)

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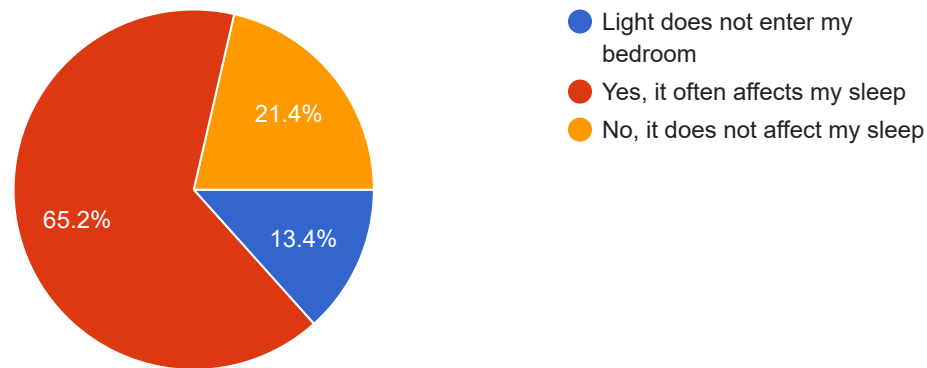
172 responses



## Does light entering your bedroom at night affect your sleep?

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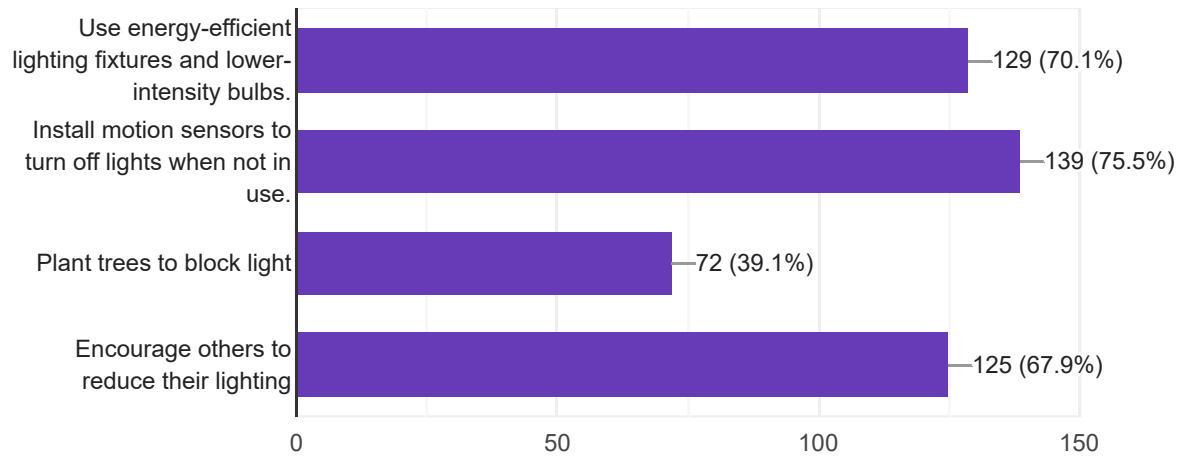
187 responses



## What steps do you think can be taken to reduce light pollution? (select all that apply)

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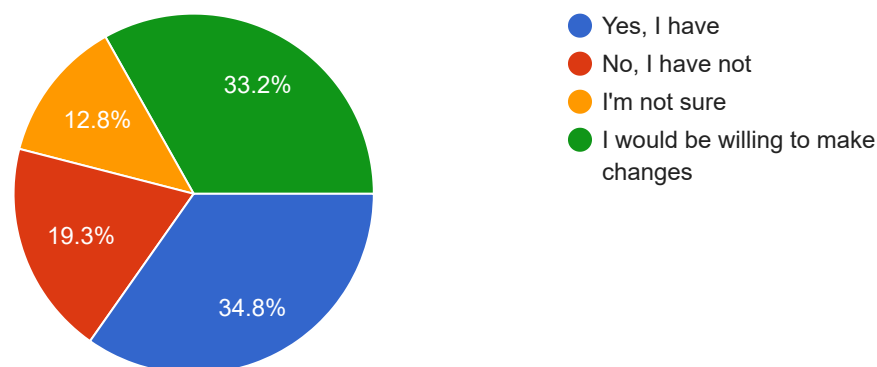
184 responses



## Have you taken any personal steps to reduce light pollution in your room/office/home?

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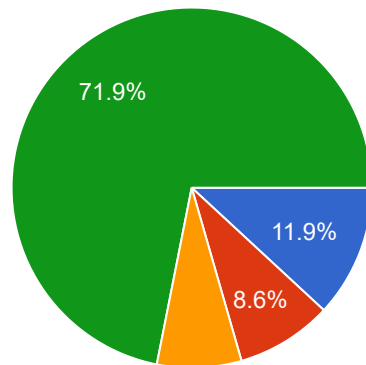
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How, in your opinion, can better-designed lighting fixtures help reduce light pollution?

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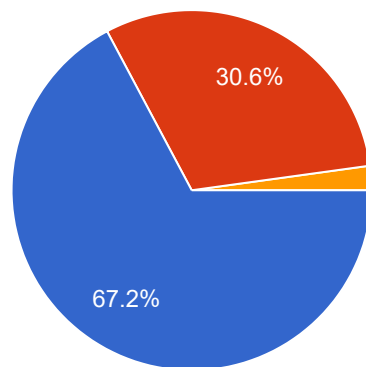


- By directing light where it is needed
- By reducing light spillage into the night sky
- By reducing glare
- All of the above

Are you aware that exposure to blue light, commonly found in cell phones, computer devices, and LEDs, can reduce melatonin levels in humans?

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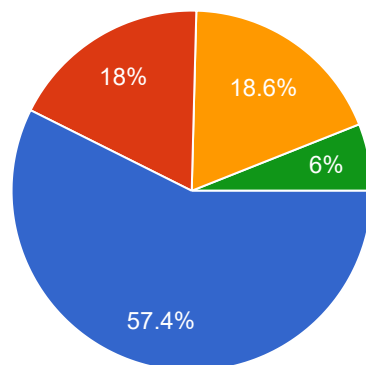


- Yes
- No
- I don't accept this statement

Which light color, in your opinion, is the most discomforting to your eye?

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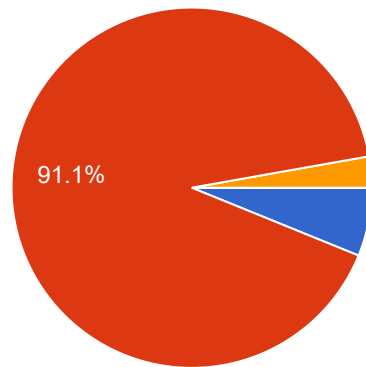
- White light
- Warm tone lights (yellow-orange lights)
- Both are equally discomforting
- Neither is discomforting



What do you think is the relationship between reducing light pollution and reducing electricity consumption?

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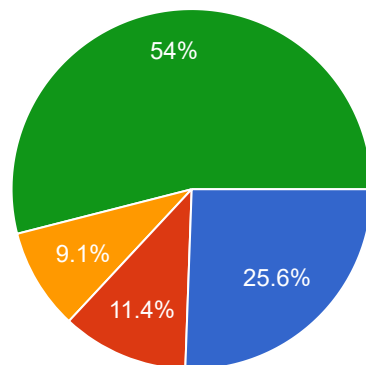


- Reducing light pollution has no impact on reducing electricity consumption
- Reducing light pollution can help reduce electricity consumption and energy waste
- Reducing light pollution can increase electricity consumption
- Reducing light pollution can only be achieved by increasin...

According to you, how can reducing light pollution help reduce greenhouse gas emissions?

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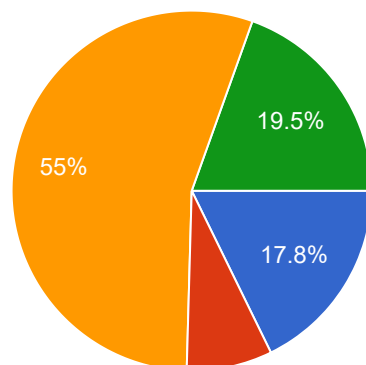


- By reducing the amount of electricity used for lighting
- By reducing the amount of heat trapped in the atmosphere
- By reducing the amount of greenhouse gases emitted by light fixtures
- All of the above

What do you think is the relationship between solar energy, solar-powered appliances, and light pollution?

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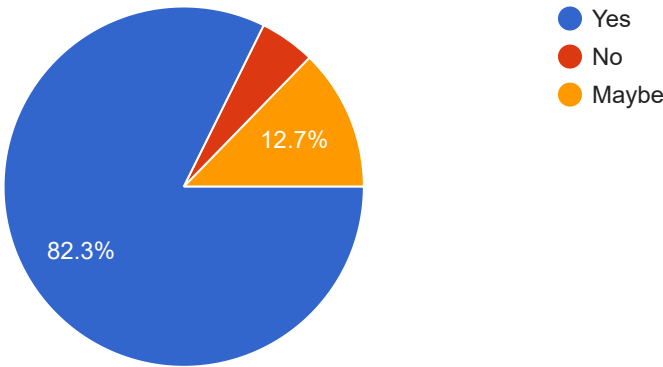
- They are unrelated
- Solar energy contributes to light pollution
- Solar-powered appliances reduce the need for traditional energy sources that contribute to light pollution
- Solar energy and solar-powered appliances have no impact on light pollution



Would you prefer to use solar powered appliances on campus?

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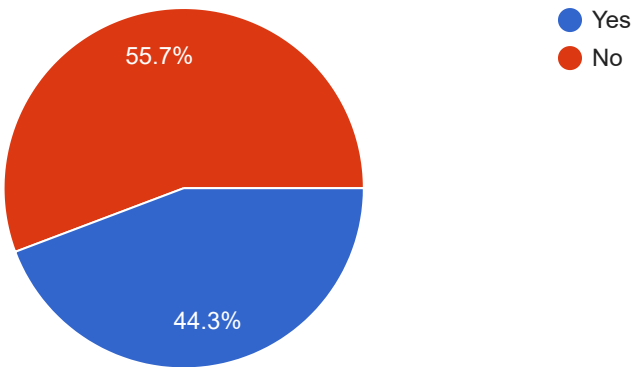
181 responses



Are there any areas on IIT Mandi campus that you think have excessive lighting?

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174 responses



If yes, please specify

68 responses

Village square

A10, A9, Fountain, Village Square

Rooftop of every academic building

The big white light behind the academic building. A14

The CnP logo in Village square and fountain area (severely reduced my urge to go to Village square at night)

Classrooms. Only light at professor's teaching zone is required.

Sports grounds especially cricket ground at night if lights are not switched off. Near Griffon canteen.

Fountain area, Village square

Outside a10 and in Village square

Village Square

Academic blocks, new school logos, corridors at night.

Hostel corridors

In South Campus its pretty low.

Village sq, a-9

In hostels: Washrooms, stairs and corridors at night. Soth campus: field, roads. North: Village square, roads. Hostel washroomsSouth campus: field

Village Square , academic area

A18-1

Village Square, Fountain area, Front of A10

Village square, academic road in North Campus

Cnp light in Village square and near fountain area





At Hostel floors

Village square, North campus

Village square near CV Raman GH

outside B8 and B9 hostels

Road in front of Fountain area and village square

Village square, career and placement cell board light

Labs and classrooms

common hostel areas and messes

The label boards

Village square

Fountain Area in the North Campus has recently got Career and Placement Cell Billboard which creates excessive light pollution for stargazing events. Excessive glow of CV Raman Guest House billboard too can be seen casting shadows on the mountain in the front of the campus. Similarly, around the Open Air Theatre in the South Campus used to be an excellent spot for stargazing, something majority institutions in our nation or world is devoid of. But now streetlights around it has changed the scenario completely. No separate switch is provided which can be used to turn off the specific lights for conducting stargazing/telescope sessions

#### 1. Fountain area, North Campus

Outside of hostel room window. I was unable to sleep due to this. So I gave covered my window glasses with some dark colour thick papers.

Academic block(A17), Drongo, village square

In front of Drongo canteen

Near faculty house, behind bulbul canteen, and near fish point

Village square, A10 building, guest house

Academic area during night

we should install the light pillars in between the OAT and D3 mess. In the campus the height of all the light pillars are small so their height should be increase and it does not harm our eyes directly.



Laboratories

North campus

We can use directed street lamps instead of existing ones

B14, due to recently installed and most unwanted "school of management" board that is hell lot of annoying bright and runs all night, also disturbs my sleep sometimes even if i close my room curtains.

Bright LEDs like in the CnP sign near fountain; CV raman guest house and other boards hurt the eyes & are unnecessary

Guest House and village square area

All public zones like village square, academic buildings, etc

Banners like that of CnP emit excessive and unnecessary light at night

Hostel galleries.

Vilage square

NA

I think the problem with IIT Mandi's lighting pollution more due to absence of sensor based lights. Even the newly constructed hostels lack that. So thats my observation. Since I am not on campus from past 6 months don't know the lighting situation as of now.

Cricket ground

While it is important to keep the campus well-lit, the village square is over illuminated and the light pollution around here is very evident when observing the night sky.

Fountain area in north campus. Hostel area north campus, Village square north campus.

Village Square, Place near CV Raman, Playing Grounds

In our hostels, washroom lights and corridor lights always remain.

Hostel corridors

Hostel corridor, every Mess

Village Square, also below pine mess in front of drongo

Academic buildings



M1 sports complex

Acedemic blocks

On roads, in academic blocks in night, also in hostels instead of alternate bulbs mostly all bulbs are used

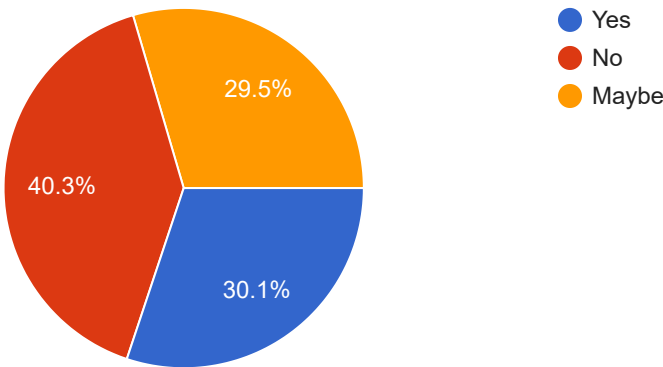
A10 building

Village square, auditorium area, indoor light pollution in hostels

Do you feel the village square is over illuminated at night?

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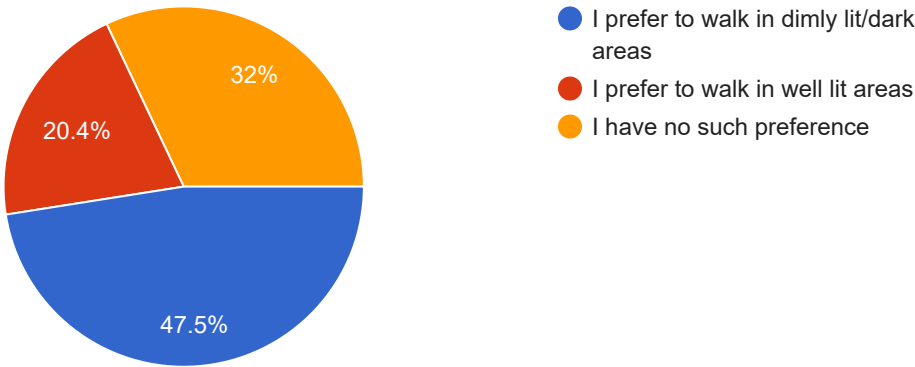
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Do you prefer walking around certain areas on campus at night in regards to how dark/lit up the places are?

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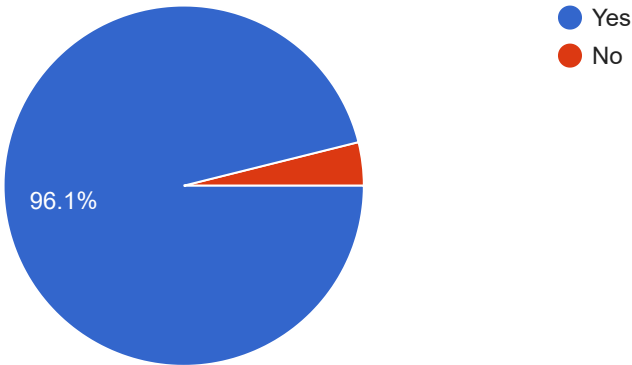
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Would you approve if the hostel corridor lights are switched off during the day?

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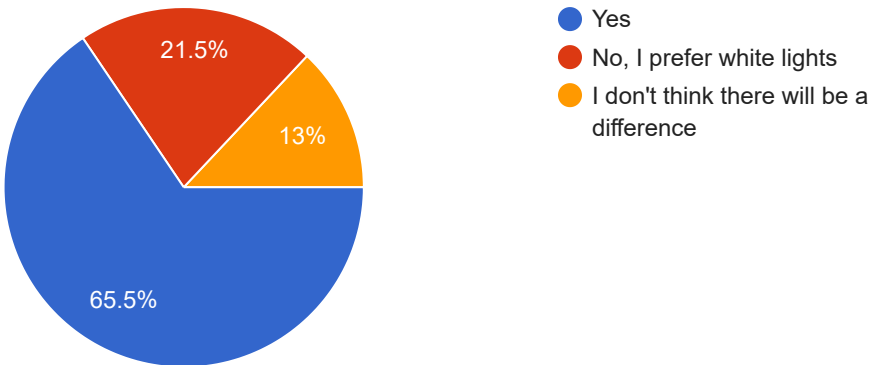
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Do you think that the hostel corridor lights must be switched to warm tone lights?

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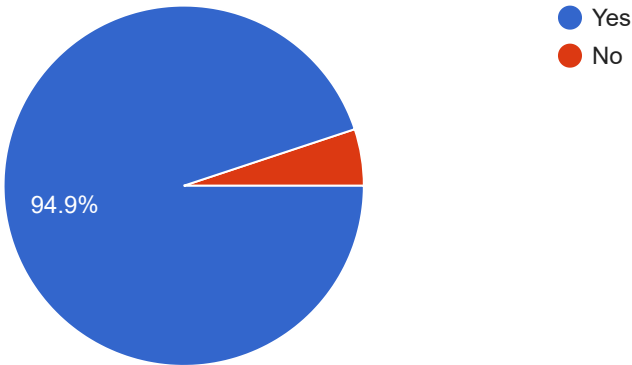
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Do you think that certain regulations should be put in place to mitigate the effects of light pollution on campus?

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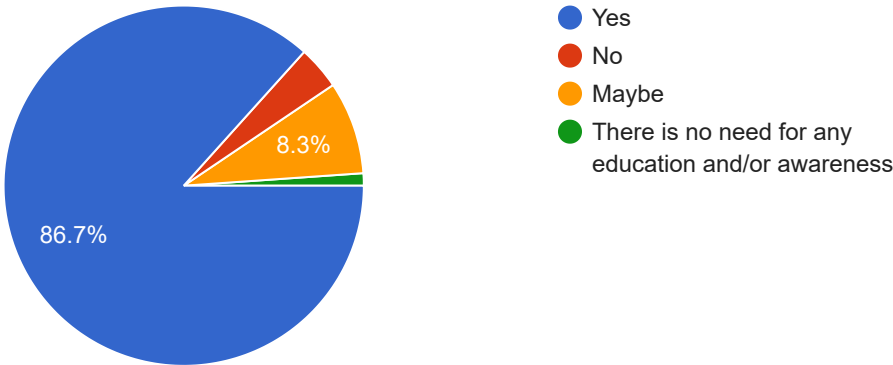
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Do you think that more education and awareness about light pollution should exist?

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180 responses



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