



**MANIPAL UNIVERSITY
JAIPUR**
(University under Section 2(f) of the UGC Act)




Department of Interior Design
Illuminating Interiors
Understanding climatology and daylighting

MUJ
UNFOLD
knowledge sharing session



In conversation with
Vaibhav Kulshrestha
Assistant Professor, FoAP AKTU, Lucknow
Architect | Urban Planner

 4th September 2020

 11 am Onwards

Microsoft
Teams

4th
September
2020

Coordinated
By:

Ar. Richa
Jagatramka

WEBINAR

Illuminating Interiors – Understanding climatology and
daylighting

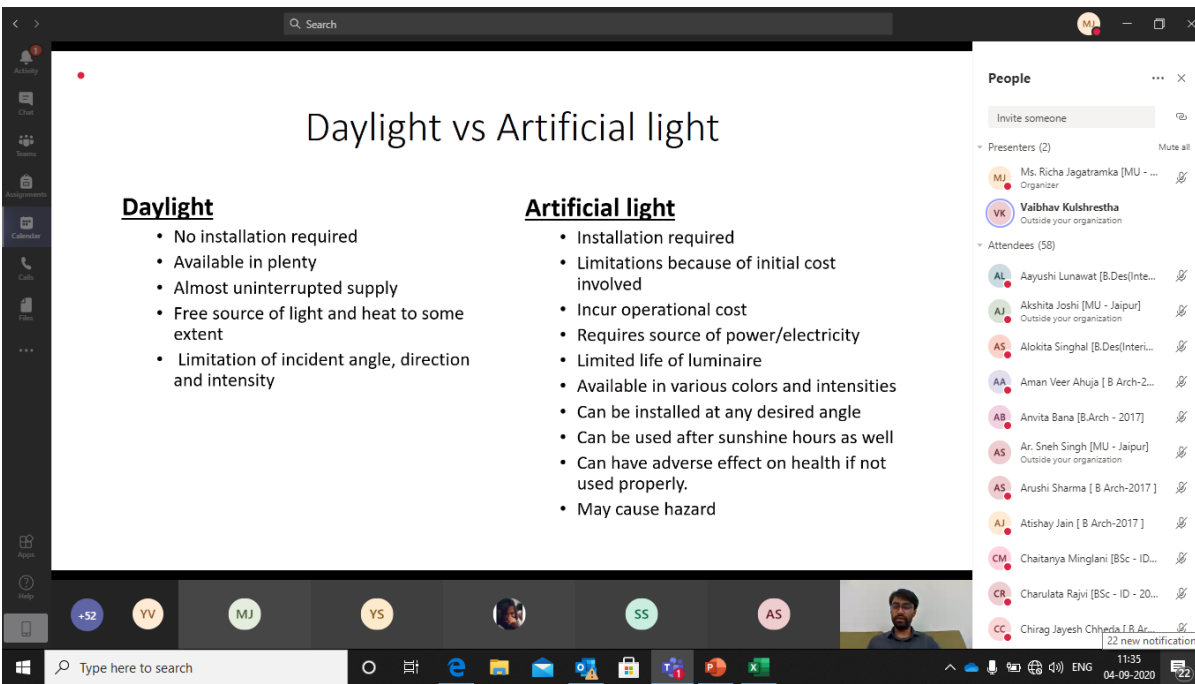
Department of Interior Design

School of Planning and Design

Date: 4 September 2020 | Faculty: Ar. Richa Jagatramka

illuminating Interiors - Understanding climatology and daylighting

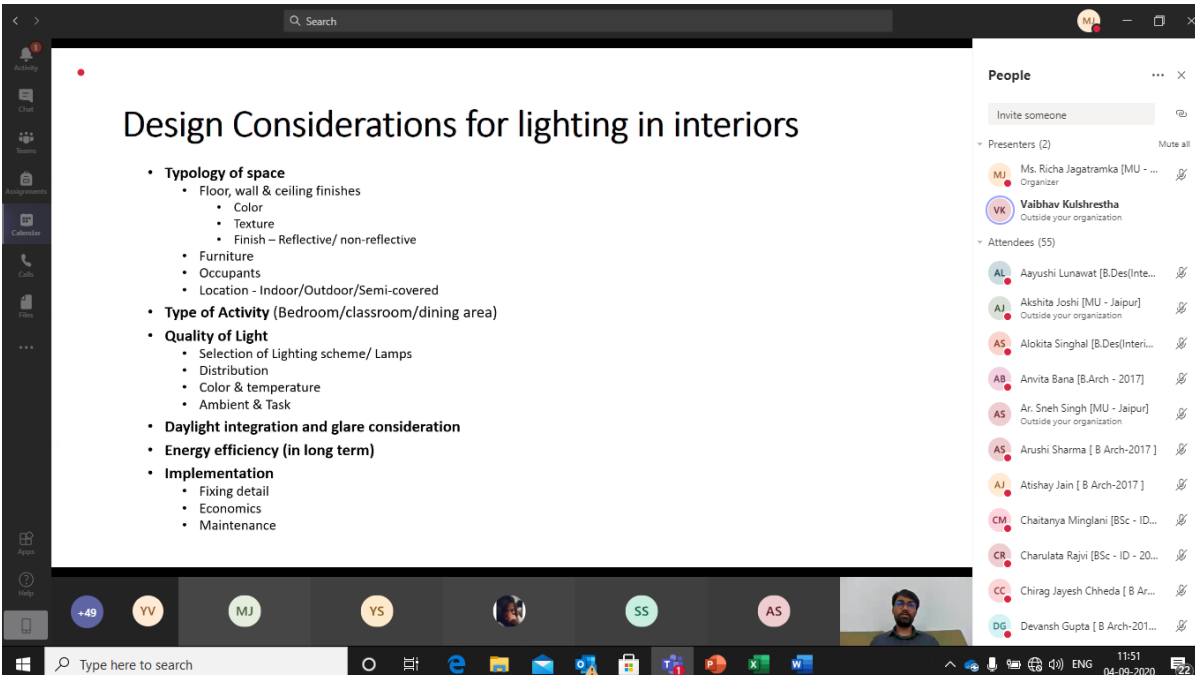
Manipal University Jaipur's Department of Interior Design organized a webinar on Illuminating Interiors on 4th September 2020 from 11am onwards. Interior have been responding to the architecture and structure, openings and daylight have been an essential part of this collaborative design. The expert lecture is focused on the aspects of daylight and sustainability in interiors. Students were introduced to different approaches to daylighting and many examples were discussed. The session ended with an interactive Question and answer round.



Daylight vs Artificial light

Daylight	Artificial light
<ul style="list-style-type: none"> No installation required Available in plenty Almost uninterrupted supply Free source of light and heat to some extent Limitation of incident angle, direction and intensity 	<ul style="list-style-type: none"> Installation required Limitations because of initial cost involved Incur operational cost Requires source of power/electricity Limited life of luminaire Available in various colors and intensities Can be installed at any desired angle Can be used after sunshine hours as well Can have adverse effect on health if not used properly. May cause hazard

The screenshot also shows a Zoom interface with a 'People' list on the right containing presenters (Ms. Richa Jagatramka, Vaibhav Kulshrestha) and attendees (Aayushi Lunawat, Akshita Joshi, Alokita Singhal, Aman Veer Ahuja, Anvita Bana, Ar. Sneha Singh, Arushi Sharma, Atishay Jain, Chaitanya Minglani, Charulata Rajvi, Chirag Jayesh Chheda).



Design Considerations for lighting in interiors

- Typology of space**
 - Floor, wall & ceiling finishes
 - Color
 - Texture
 - Finish – Reflective/ non-reflective
 - Furniture
 - Occupants
 - Location - Indoor/Outdoor/Semi-covered
- Type of Activity** (Bedroom/classroom/dining area)
- Quality of Light**
 - Selection of Lighting scheme/ Lamps
 - Distribution
 - Color & temperature
 - Ambient & Task
- Daylight integration and glare consideration**
- Energy efficiency (in long term)**
- Implementation**
 - Fixing detail
 - Economics
 - Maintenance

The screenshot also shows a Zoom interface with a 'People' list on the right containing presenters (Ms. Richa Jagatramka, Vaibhav Kulshrestha) and attendees (Aayushi Lunawat, Akshita Joshi, Alokita Singhal, Aman Veer Ahuja, Anvita Bana, Ar. Sneha Singh, Arushi Sharma, Atishay Jain, Chaitanya Minglani, Charulata Rajvi, Chirag Jayesh Chheda, Devansh Gupta).

List of Participants:

Sr. No	Name	Program
1	Sakshi Sharma	B.Des - ID - 2019
2	Khyati Goswami	B.Des - ID - 2019
3	Yakshit Sharma	B.Des - ID - 2019
4	Muskan Jain	B.Des - ID - 2019
5	Yukta Verma	B.Des - ID - 2019
6	Riya Hemdev	B.Des - ID - 2019
7	Shreesh Thakur	B.Des - ID - 2019
8	Devyansh Saraswat	B.Des - ID - 2019
9	Alokita Singhal	B.Des - ID - 2019
10	Rushil Goyal	B.Des - ID - 2019
11	Rudra Shree	B.Des - ID - 2019
12	Tanishq Saini	B.Des - ID - 2019
13	Meenal Talwaria	B.Des - ID - 2019
14	Kriti Pareek	B.Des - ID - 2019
15	Muskan Garg	B.Des - ID - 2019
16	Aayushi Lunawat	B.Des - ID - 2019
17	Gunjan Choudhary	B.Sc – ID – 2018
18	Lavendra Singh Bankawat	B.Sc – ID – 2017
19	Sanskriti Garg	B.Sc – ID – 2017
20	Ishaan Sood	B.Arch – 2017
21	Shikhar Agrawal	B.Arch – 2017
22	Muskan Mittal	B.Sc – ID – 2018
23	Himanshu Gupta	B.Arch – 2017
24	Ishanya Singh Mukawat	B.Arch – 2017



25	Atishay Jain	B.Arch – 2017
26	Krati Gupta	B.Arch – 2017
27	Chirag Jayesh Chheda	B.Arch – 2017
28	Kriti Mangal	B.Arch – 2017
29	Ishita Bhatt	B.Arch – 2017
30	Anvita Bana	B.Arch – 2017
31	Koel Jain	B.Arch – 2017
32	Naresh Singh Rajpurohit	B.Arch – 2017
33	Sakshi Mishra	B.Arch – 2017
34	Ishika Tandon	B.Arch – 2017
35	Zoya Khan	B.Des - ID - 2019
36	J sanjay Nair	B.Arch – 2017
37	Tanvi Bhatia	B.Arch – 2017
38	Yogesh Suthar	B.Sc – ID – 2018
39	Sejal Aggarwal	B.Arch – 2017
40	Sahil Sunil Chavan	B.Arch – 2017
41	Devansh Gupta	B.Arch – 2017
42	Arushi Sharma	B.Arch – 2017
43	Ishita Saxena	B.Des - ID - 2019
44	Sudhanshu Garg	B.Arch – 2017
45	Saksham Gupta	B.Arch – 2017
46	Kanishka Mittal	B.Sc – ID – 2018
47	Shivani Gurjar	B.Sc – ID – 2018
48	Rohit Kumar Jangir	B.Sc – ID – 2017
49	Divya Agarwal	B.Sc – ID – 2018
50	Kanika Mathur	B.Sc – ID – 2018
51	Suryansh Gajraj	B.Sc – ID – 2018
52	Charulata Rajvi	B.Sc – ID – 2018



53	Gurasis Singh	B.Sc – ID – 2018
54	Harsh Tak	B.Sc – ID – 2018
55	Sanjay Sharma	B.Sc – ID – 2018
56	Tanisha Sharma	B.Sc – ID – 2018
57	Chaitanya Minglani	B.Sc – ID – 2018
58	Priyam Sabla	B.Arch – 2017
59	Reana Sharma	B.Sc – ID – 2018
60	Anjali Khandelwal	B.Sc – ID – 2018
61	Divya Dawar	B.Arch – 2017
62	Aman Veer Ahuja	B.Arch – 2017