



Directorate of Outcome
Outcome Report
Event/Activity Organized @ AUH

Event Type: Guest Lecture

Event Title: Door and Window Fixing

Details of Speaker/Resource Person: Ar. Sidhaant Jain, ADP Building consultancy Pvt. Ltd.

Date: 06.02.18

Venue: AUH, Haryana

Organized by: Amity School of Architecture and Planning, AUH

Faculty Coordinator(s): Nishant Nathani

Participation: Bachelor of Architecture, ASAP Students

Point wise highlights of the Event:

Outcome of the Event with Time Line (Proposed/Achieved)

(Provide suitable details wherever applicable)

1. Outcome related to Academia Connect		
a) Collaborations for Research Papers/Conference Papers/Book Chapter etc	Y	<i>Yes. Ample guidance to publish research works and applied science applications</i>
b) Collaborations & MOU for Research Guidance [PhD, PG & UG (summer training, Dissertation)] & Projects/Use of Instruments etc.	Y	<i>Discussions useful for students for a dissertation on architectural product design purposes.</i>
c) Collaboration for Funded Projects.	N	No funded project found.
2. Outcome related to Industry Connect		
a) Placement	Y	Exposure of students to architects who own their own offices and interaction leads to proposals of internship from guest lecturer.
b) Collaborations for Research Papers	N	
c) Collaborations & MOU for Research Guidance [PhD, PG & UG (summer training, Dissertation)] & Projects/Use of Instruments.	N	
d) Collaboration for Funded Projects.	N	
3. Outcome related to Society Outreach		
a) Benefit to society in terms of Health & hygiene	N	
b) Benefit to society in terms of Education	Y	<i>Guest lecture introduced the students to a construction methodologies that are important for the practical realisation of their designs.</i>
4. Outcome related to Students Learning & Grooming		
<i>Students gained practical knowledge and expertise on the subject of building construction.</i>		
5. Any other		

A **door** is a hinged or otherwise movable barrier that allows ingress and egress into an "enclosure". The opening in the wall can be referred to as a "portal". A door's essential and primary purpose is to provide security by controlling the portal (doorway). Doors often incorporate locking mechanisms to ensure that only some people can open them. Doors can have devices such as knockers or doorbells by which people outside can announce their presence and summon someone either to open the door for them or give permission to open and enter. Apart from providing access into and out of a space, doors can have the secondary functions of ensuring privacy by preventing unwanted attention from outsiders, of separating areas with different functions, of allowing light to pass into and out of a space, of controlling ventilation or air drafts so that interiors may be more effectively heated or cooled, of dampening noise, and of blocking the spread of fire.

Hinged doors[edit]

Most doors are hinged along one side to allow the door to pivot away from the doorway in one direction, but not the other. The axis of rotation is usually vertical. In some cases, such as hinged garage doors, the axis may be horizontal, above the door opening.

Doors can be hinged so that the axis of rotation is not in the plane of the door to reduce the space required on the side to which the door opens. This requires a mechanism so that the axis of rotation is on the side other than that in which the door opens. This is sometimes the case in trains or airplanes, such as for the door to the toilet, which opens inward.

Sliding doors

It is often useful to have doors which slide along tracks, often for space or aesthetic considerations.

A **bypass door** is a door unit that has two or more sections. The doors can slide in either direction along one axis on parallel overhead tracks, sliding past each other. They are most commonly used in closets, in order to access one side of the closet at a time. The doors in a bypass unit will overlap slightly when viewed from the front, in order not to have a visible gap between them.

Doors which slide inside a wall cavity are called **pocket doors**. This type of door is used in tight spaces where privacy is also required. The door slab is mounted to roller and a track at the top of the door and slides inside a wall.

Sliding glass doors are common in many houses, particularly as an entrance to the backyard. Such doors are also popular for use for the entrances to commercial structures, although they are not counted as fire exit doors. The door that moves is called the "active leaf", while the door that remains fixed is called the "inactive leaf".

Rotating doors

A **revolving door** has several wings or leaves, generally four, radiating from a central shaft, forming compartments that rotate about a vertical axis. A revolving door allows people to pass in both directions without colliding, and forms an airlock maintaining a seal between inside and out.

A **pivot door**, instead of hinges, is supported on a bearing some distance away from the edge, so that there is more or less of a gap on the pivot side as well as the opening side. In some cases the pivot is central, creating two equal openings.

High-speed door

A **high-speed door** is a very fast door some with opening speeds of up to 4 m/s, mainly used in the industrial sector where the speed of a door has an effect on production logistics, temperature and pressure control. high-speed clean room doors are used in pharmaceutical industries for the special curtain and stainless steel frames. They guarantee the tightness of all accesses. The powerful high-speed doors have a smooth surface structure and no protruding edges. Therefore, they can be easily cleaned and depositing of particles is largely excluded.

List of the Students Participated

- Hema Goyal
- Shivani
- Shivangi
- Ankit Yadav
- Ankit Sharma
- Niharika
- Puneet Kaur
- Krishna Gupta
- Harsh Bhadauriya
- Nandita
- Meghali
- Saloni
- PragAti
- Ibtisam
- Ritesh Kumar
- Saurabh Chaudharu
- Naveena
- Priyamvada
- Vivek Bhardwaj
- Drishti
- Zolian
- Ashish Raghuraj
- Amit Kumar
- Nupur
- Ankur Sharma
- Medhavi Sharma
- Nikhar
- Shagun Yadav
- Palomi Kalita
- Neelakshi Gera
- Ekta Sehrawat
- Nitish Kumar
- Planning and Civil Engineering Students