



CATALOG

# M – Auditorium / Planet 3 Studios Architecture

03 DEC 2014

Cultural Interiors Selected Works Theater India Mumbai Planet 3 Studios Architecture

71  
Like

3  
Twee

8

8+1

0



© Mrigank Sharma

Architects: [Planet 3 Studios Architecture](#)  
 Location: **Mumbai, Maharashtra, India**  
 Design Team: **Kalhan Mattoo, Santha Gour Mattoo, Shanky Jain, Dhiraj Narang and Amit Jadhav**  
 Area: **6000.0 ft2**  
 Year: **2014**  
 Photographs: **Mrigank Sharma**



Contractor: **Heman Interiors**



© Mrigank Sharma






## SELECTED BUILDINGS



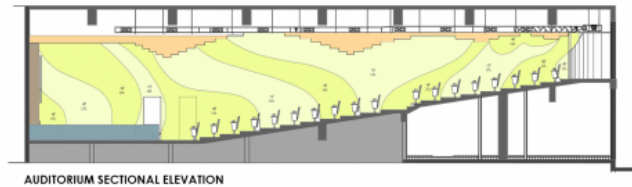
[MORE PROJECTS](#)

## MOST VISITED OF THE WEEK

-  **2 Feb 2015**  
**Google Earth Pro Is Now Free**
-  **3 Feb 2015**  
**Termitary House / Tropical Space**
-  **3 Feb 2015**  
**Primrose Avenue / HYL A Architects**

**4 Feb 2015**  
**Ribbon Chapel / NAP Architects**

From the architect. For the design of this 300 seat auditorium in Central Mumbai we studied sound, the very element that the space has to engage with. On the premise that the space is merely a container and that sound deserves primacy in hierarchy of considerations, we simulated wave patterns within the given structural volume to understand its effect as it travelled through.



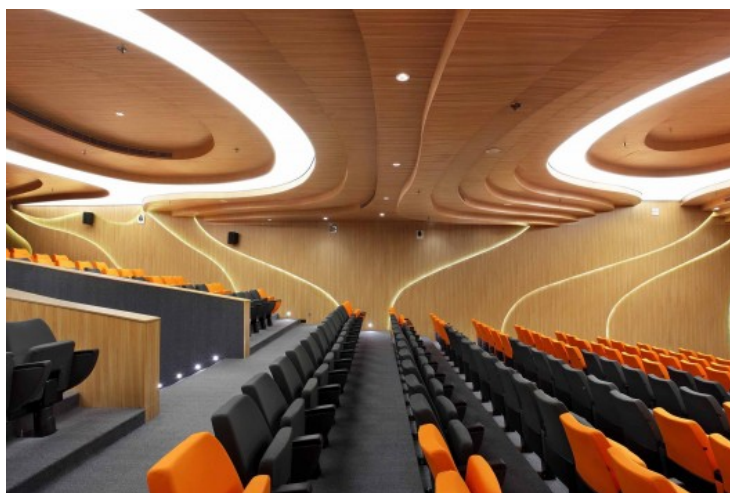
Section

With the use of parametric and computational design tools, we were ran multiple form finding experiments and studied the effect of every iteration on the sound carrying ability of the space.



© Mrigank Sharma

The goal was to ensure that the spatial form and materiality working together should help achieve even sound quality in the space while keeping reverberation factor low. From suspended tiles to open cells and eventually a closed volume, the design evolved out of multiple simulations.



© Mrigank Sharma

A contoured volume rendered in wood faced acoustical board acts to engage sound in a way that it carries from the stage, right to the back of the auditorium without perceptible drop in intensity. Contouring creates a sculpted feel on the ceiling and the walls and an interesting sense of space inside.



4 Feb 2015  
Afsharian's House /  
ReNa Design

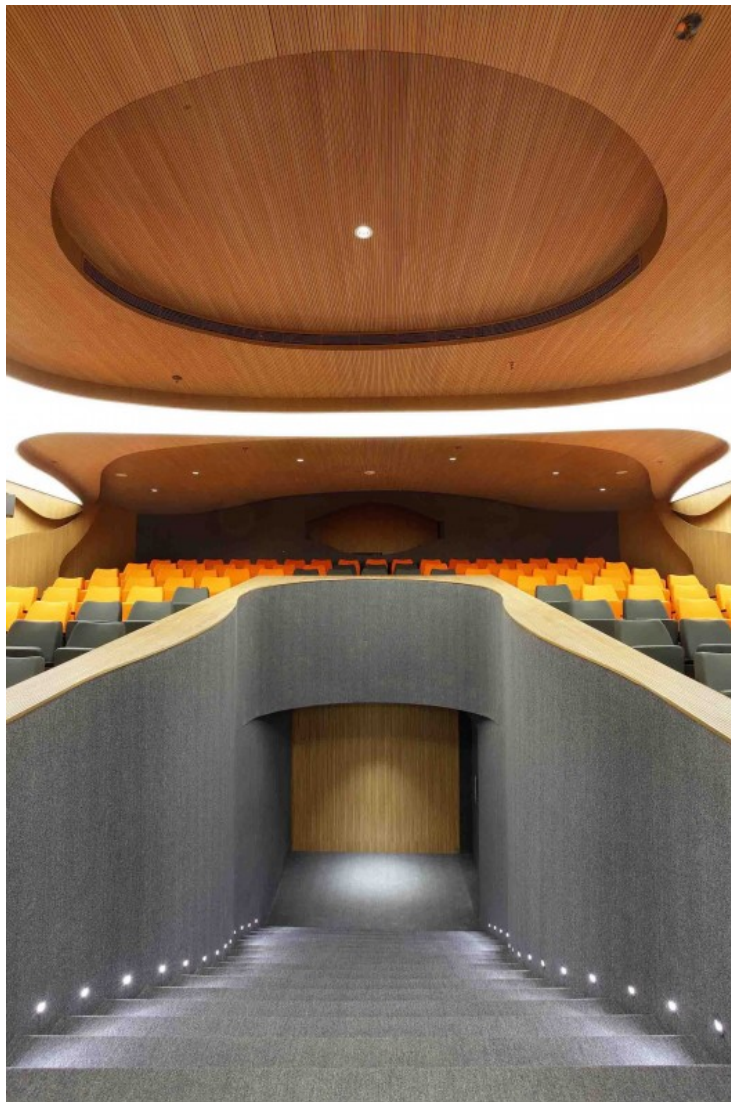
Dubai Visa at Rs.5049 <sup>▲</sup>

Free OTB + Rs.5000 Off on Flights.

Rs.2000 Off on Hotel + Visa in

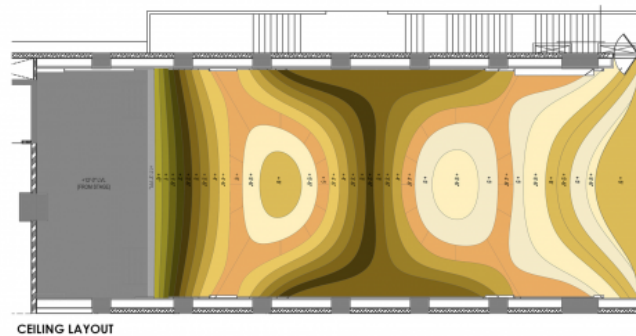
3day





© Mrigank Sharma

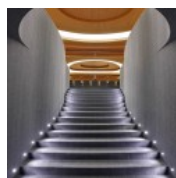
The neutral palette of wood is complemented by grey and orange auditorium chairs laid out in an outsized 'V' echoing the client's logo. Stretched fabric forms within contours are backlit with dimmable LED lights controllable over zones and these engage with the patrons in an interesting way for the moments leading up to the actual show. This project exemplifies our process in which design is allowed to evolve out of first principles and key factors of consideration without presupposing an aesthetic sensibility.



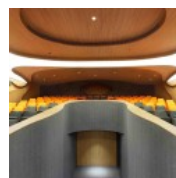
Ceiling Floor Plan



© Mrigank Sharma



© Mrigank Sharma



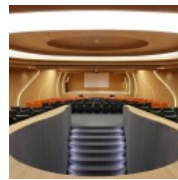
© Mrigank Sharma



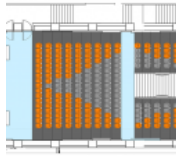
© Mrigank Sharma



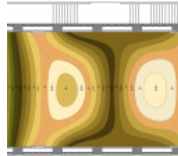
© Mrigank Sharma



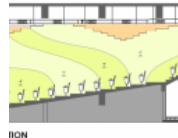
© Mrigank Sharma



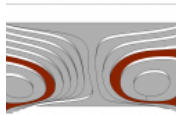
Floor Plan



Ceiling Floor Plan



Section



VISITED GEOMETRY

Diagram 1

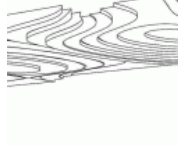
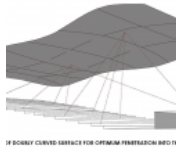


Diagram 2



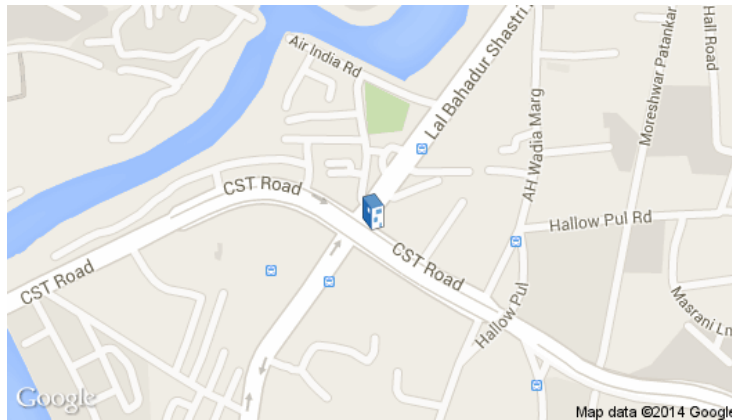
ACE INTO CONTOURS

Diagram 3



IF BOLDLY COVERED SPACE FOR OPTIMAL PENETRATION INTO THE

Diagram 4



\* Location to be used only as a reference. It could indicate city/country but not exact address.

**Cite:**

"M – Auditorium / Planet 3 Studios Architecture" 03 Dec 2014. [ArchDaily](http://www.archdaily.com/572832). Accessed 07 Feb 2015. <<http://www.archdaily.com/?p=572832>>



OUR PARTNERS

RECENT  
PROJECTS



MOST  
BOOKMARKED



RECENT  
NEWS



THANKS FOR VISITING

© ArchDaily 2008-2015. All rights reserved.  
All images are © each office/photographer mentioned.

FOLLOW US IN

CONTACT INFORMATION

- Contact
- Advertising
- Terms of Use
- Privacy Policy