

# COMPANY PROFILE

- ABOUT US

*Traditionally the group is involved in various manufacturing and service ventures but to give the nation its diverse acoustics and ceilings solution under one roof, “Credence” came into being. Credence is surging ahead on the path of glory from its distinct business ventures and extending in acoustics consultancy, manufacturing of world class acoustic products and well execution of the projects. Credence is a purely INDIAN Brand delivering 100% MADE IN INDIA products to the nation. We are committed to deliver best of acoustics and ceiling solutions across the globe. Credence’s punch-line “We the trust” carries with it the value involved and thus we are the most trusted brand in false ceiling and acoustic industry. Credence delivers un-paralleled products and services which are innovative and affordable.*

# OUR CORPORATE PHILOSOPHY

- *We believe in treating our customers with respect and faith. We grow through creativity, invention and innovation. We integrate honesty, integrity and business ethics into all aspects of our business functioning.*
- *A major advantage of all our products is the best quality of its performance; our products are based on the concept of “Value for money”.*

# PRODUCT MANUFACTURING

## ACOUSTICS OF CREDENCE

- *Fabric Acoustic Wall Panel – NRC 0.95*
- *Wooden grooved/perforated Wall Panel - NRC 0.7-0.9*
- *Wood wool Acoustic Wall Panel - NRC 0.7-0.9*
- *Stretch Fabric Acoustic - NRC 0.7-0.9*
- *Diffusers Acoustic Wall Panel - NRC 0.9*
- *PET Acoustic Wall Panel - NRC 0.7*
- *Acoustical Clouds/ Baffle - - NRC 0.7*

## CEILING OF CREDENCE

- *Metal Ceiling Tile & suspension Grids - NRC 0.5*
- *Wood wool Ceiling Tile - NRC 0.7*
- *Soft Fiber Acoustic ceiling Tile - NRC 0.95*
- *Wooden Ceiling Tiles - NRC 0.7-0.9*
- *PET Acoustic Ceiling Tile - NRC 0.7*
- *Acoustic Baffle Ceiling - NRC 0.7*
- *Metal Baffle Ceiling*
- *Open Cell Ceiling*

# Project Execution

- *Customized designing of projects*
- *Integrated services:*
  - *Aesthetic Designs*
  - *Skilled application team*
  - *Timely Supply and execution*
- *PAN INDIA Operations.*
- *Highly Reputed Client List.*
- *Test Certified Products.*
- *All products carry "5 year performance Warranty"*



# Acoustics

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# SOUND & HEARING BASICS

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# SOUND AND HEARING BASICS- INTRODUCTION

- *Sound is energy in the form of vibrations which vary in intensity (loudness) and frequency (pitch) with time.*
- *We can hear sounds from 20 Hz to 20,000 Hz.*
- *Frequencies critical to speech intelligibility fall between 500 Hz and 4000 Hz.*
- *Acoustic of a product can be measured by NRC & SAA.*





# SOUND AND HEARING BASICS- LOUDNESS

- *Sound level (loudness) is measured in decibels (dB) with larger numbers indicating the louder sounds and the greater the difference in pressure*



Experience	dB Level	Typical Sound
Intolerable	130	Jet Aircraft Takeoff
Deafening	110	Un silenced Road Drill
Very Loud	90	Moving Underground Train
Loud	70	Urban Road Kerbside
Moderate	50	Conversational Speech
Quiet	30	Theatre Background
Very Quiet	10	The Countryside at Night

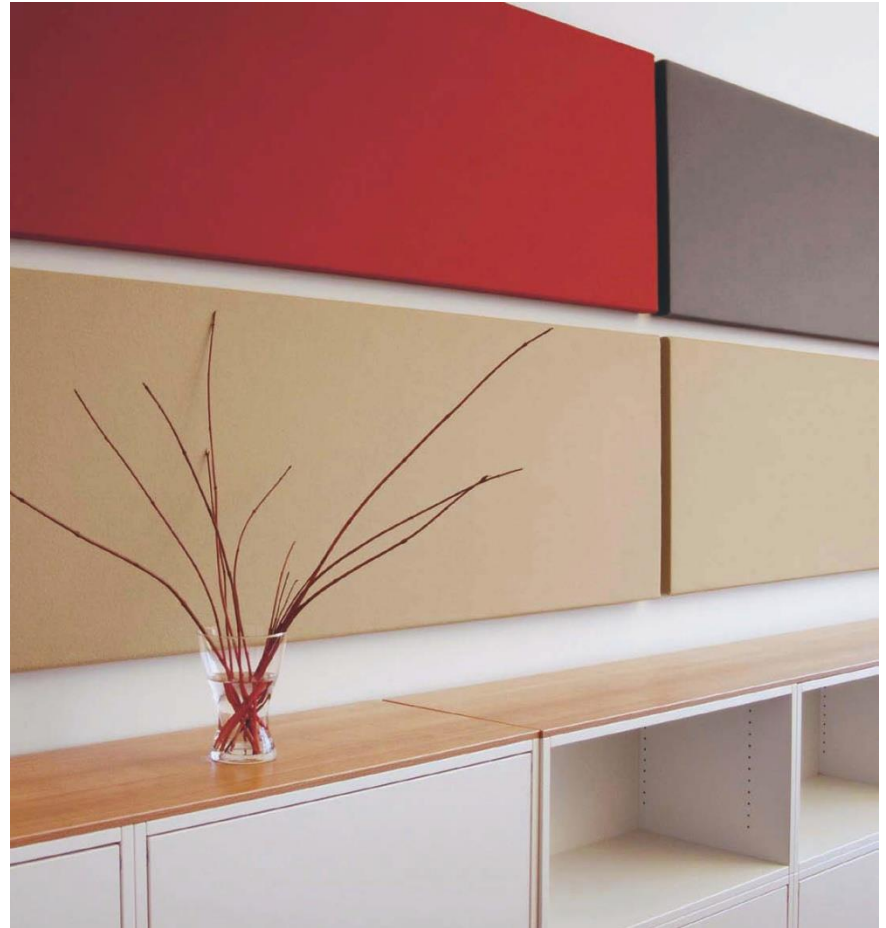
# FABRIC ACOUSTICAL WALL PANELING

*Credence Fabric acoustical panel is made from high density bio soluble resin bonded glass wool Absorber .It has plain glass tissue on the back and multiple textile fabric surface options.*

*Features –*

- 1.environmental friendly ,*
- 2. fire retardant for high performance & safety*
- 3. Excellent decorative panels which gives various choice to create an environment of high standard in sound ,colour ,appearance comfort and ambience.*

- Avoid flutter echo*
- Avoid late sound reflexes*



# **FABRIC ACOUSTICAL WALL PANELING**

**NRC 0.9–0.95**

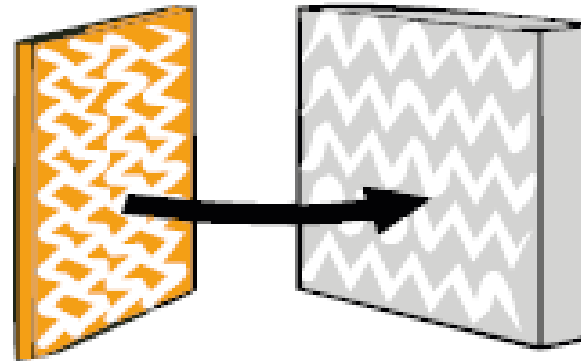
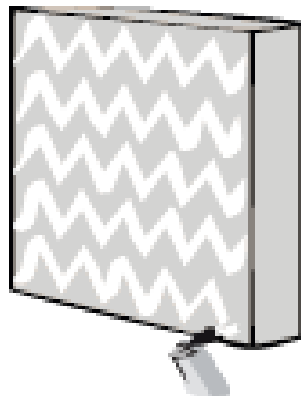
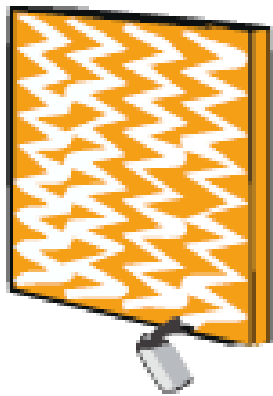


# FABRIC ACOUSTICAL WALL PANELING

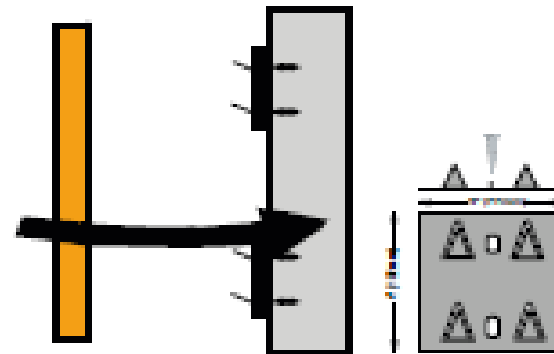
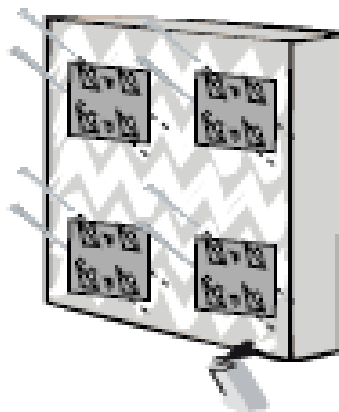
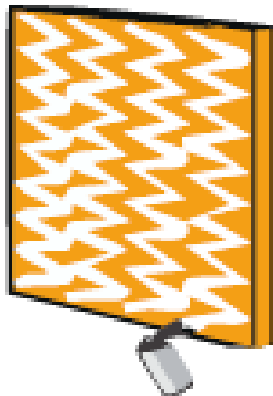
- TECHNICAL SPECIFICATIONS

<b>Standard Size In MM</b>	<b>600mmX600mm</b>
	<b>600mmX1200mm</b>
	<b>1200mmX1200mm</b>
	<b>Other sizes can be custom ordered *</b>
<b>Thickness</b>	<b>25mm, 30mm, 40mm, 50mm</b>
<b>NRC</b>	<b>0.9</b>
<b>Edges</b>	<b>Square, Bevel, Aluminum, Wooden</b>

# FABRIC ACOUSTICAL WALL PANELING INSTALLATION



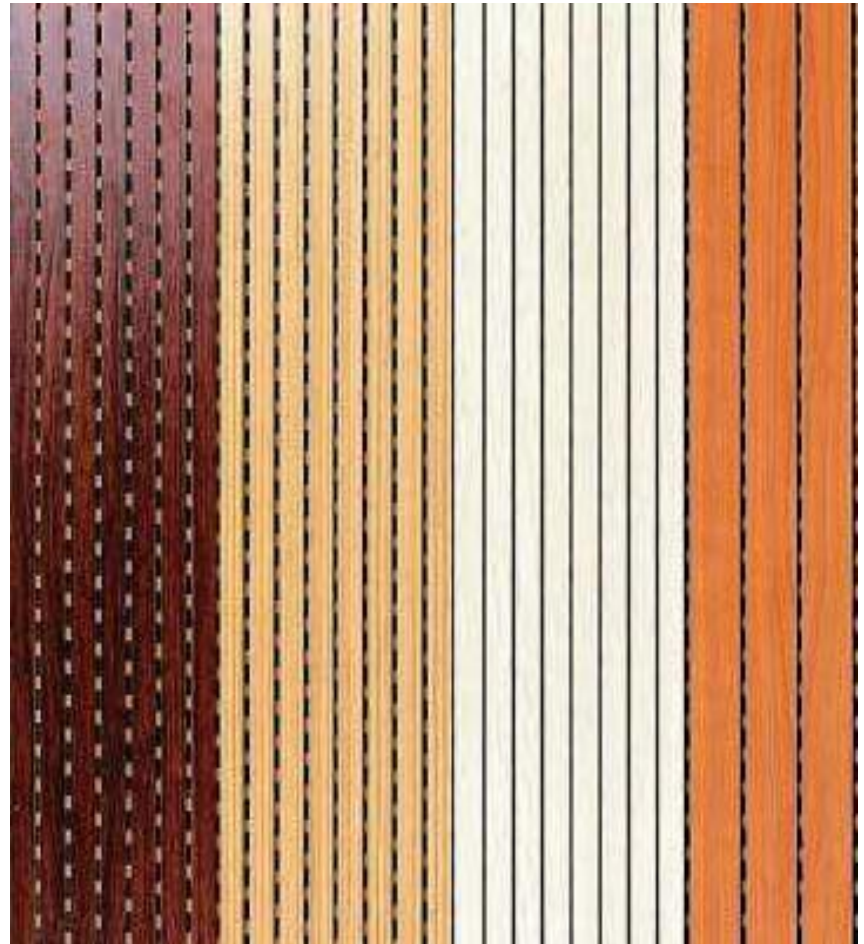
Option 1: With Construction Epoxy Adhesive



Option 2: With Impaler Clip and Adhesive

# WOODEN GROOVED ACOUSTICAL PANEL

- *Credence Grooved Acoustic Panel is a kind of slit resonance absorption material which is made from high density MDF board with grooves on the surface and perforated holes at the back side. It has strong selection on the sound spectrum and great sound absorbing effect.*





# WOODEN GROOVED ACOUSTICAL PANEL



# WOODEN GROOVED ACOUSTICAL PANEL

- **Technical specifications**

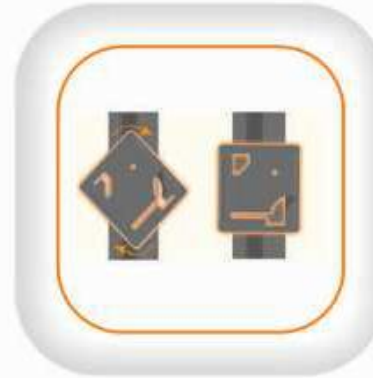
<b>Front Finish</b>	<b>Melamine, Natural Wood, Veneer Paint etc.</b>
<b>Back surface</b>	<b>Black Fleece</b>
<b>Acoustic Performance</b>	<b>Resonance Absorption</b>
<b>Size in MM</b>	<b>128mmX2440mm, 192mmX2440mm</b>
<b>Thickness in MM</b>	<b>16 mm, 17 mm</b>
<b>NRC</b>	<b>0.7-0.9</b>
<b>Grooved Pattern</b>	<b>13-3, 21-3,14-2, 28-4</b>
<b>Fire Resistance</b>	<b>Class B1 &amp; BS476 Part Class I</b>



# WOODEN GROOVED ACOUSTICAL PANEL

## INSTALLATION

Component



Install Fixing Rail to surface at 600mm centres



Position and fix the first panel using Starter Clips



Install subsequent tongue and grooved panels and secure with Fixing Clips as shown at left



# WOOD WOOL ACOUSTICAL PANEL

- *Wood wool acoustic panels are made up of pure 100% wood and magnesium having minimum density of 580 Kg/m<sup>3</sup>. Outstanding high frequency sound absorption performance.*



# WOODWOOL ACOUSTICAL PANEL

- Technical specifications*

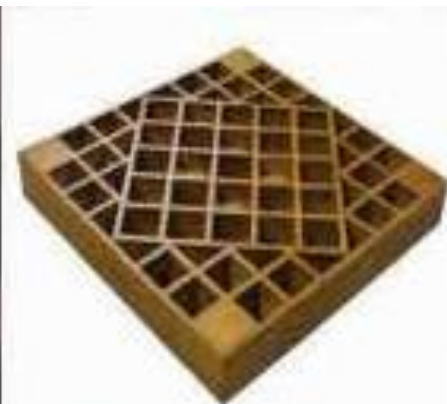
Front Finish	Various Paints colour & rapped with fabric
Size	600mmX600mm, 600mmX1200mm
Thickness	15mm, 20mm, 25mm
NRC	0.7-0.9





# **DIFFUSER ACOUSTICAL PANEL**

<b>Environmental</b>	<b>Performance Grade:EI(GB)</b>
<b>Material</b>	<b>Solid Oak Wood</b>
<b>Finish</b>	<b>Original Colour/ Wood Colour</b>
<b>Width</b>	<b>600mm</b>
<b>Length</b>	<b>600mm, 1200mm, 1800mm</b>
<b>Thickness</b>	<b>100mm</b>
<b>NRC</b>	<b>0.8-0.9</b>



# PET ACOUSTICAL PANEL

*CIPET* is a decorative acoustically absorbent panel made from 100% PET plastic with a felt-like finish by needle punching processing. The production process is completely eco-friendly, no wastage of water, no emissions, no waste. The porous nature of acoustic panel makes it sound absorptive & thermal insulated, adhered to walls and ceilings for clean looks and sound absorption up to 0.7 NRC, custom cut and print



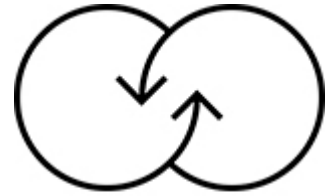
# PET ACOUSTICAL PANEL

- **Technical specifications**

<b>Colour</b>	<b>Multiple colour range.</b>
<b>Density</b>	<b>120 Kg/m<sup>3</sup> -185 kg/m<sup>3</sup></b>
<b>Shapes &amp; finish</b>	<b>Plain, stripes, Dots</b>
<b>Size in MM</b>	<b>1220 X2440 mm, 600X1200 mm , 600X600 mm , 300X1200 mm</b>
<b>Thickness in MM</b>	<b>9, 10, 30 mm</b>
<b>NRC</b>	<b>0.7</b>
<b>Fires resistance</b>	<b>B1 Class-A</b>
<b>Recyclability</b>	<b>100% Recyclable -Conventional</b>



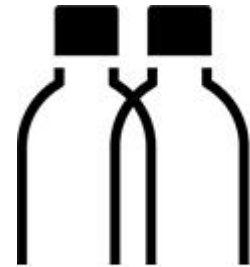
PET ACOUTICA PANEL



Recycled & Recyclable



Acoustic performance



Made of recycled plastic bottles

# ACOUSTIC CLOUDS/BAFFLE

*NRC* – 0.7

*Shapes*

*Square/ Convex/ Concave / Circle /  
Hexagon / Trapezoid /Parallelogram/  
Rectangle*

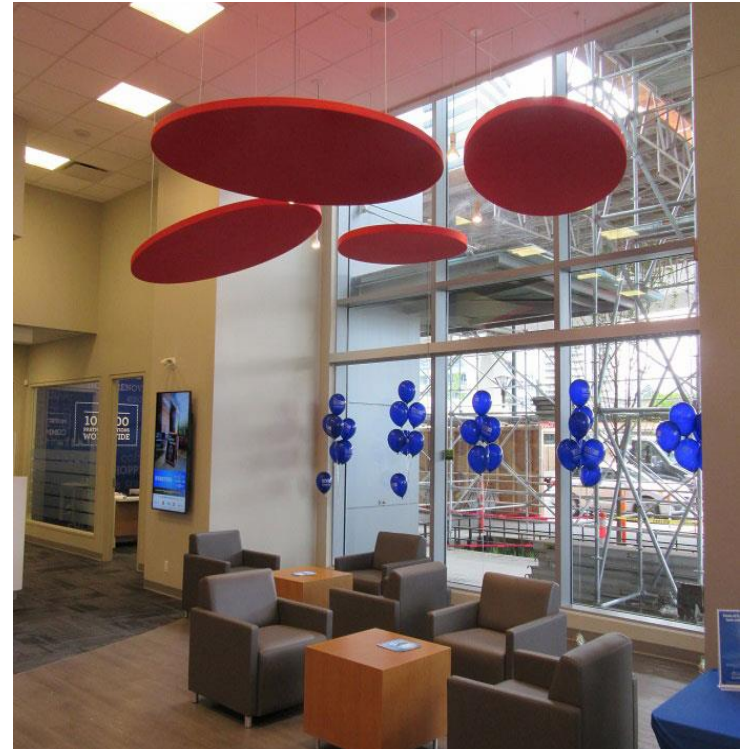
*Thickness –*

*25mm, 30mm, 40mm ,50mm, 75mm*

*Density – 100-120 Kg/m<sup>3</sup>*

*Light reflection - 90 %*

*Humidity Resistance RH 90%*





# ACOUSTIC CLOUDS/BAFFLE

**NRC 0.7**



CONCAVE / CONVEX

# SOFT FIBER ACOUSTIC CEILING

*NRC* – 0.95

*Size* : 600mm $\times$ 600mm,  
600mm $\times$ 1200mm, 1200mm $\times$ 1200mm

*Thickness* : 15mm ,20 mm, 25 mm

*Colours* : White , Black

*Density* – 100-120 Kg/m<sup>3</sup>

*Light reflection* > 80 %

*Thermal resistance*: > 0.4  
(m<sup>2</sup>.K/m)

*Fire Resistance*: BS476 (Part 6  
& 7)





# SOFT FIBER ACOUSTIC CEILING

**NRC 0.95**



# ACOUSTIC CEILING

Wood wool ceiling



Wooden Ceiling

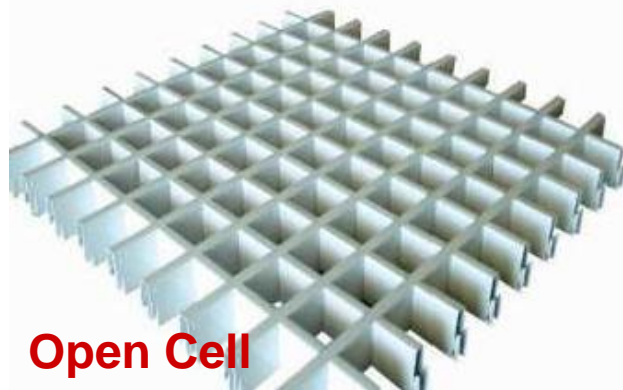
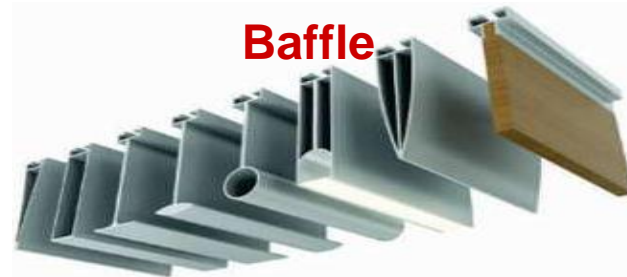


PET Ceiling





# CREDENCE METAL CEILING





*Gallery of Completed Projects*



UPSC BUILDING CONFERENCE HALL (CPWD) ,NEW DELHI

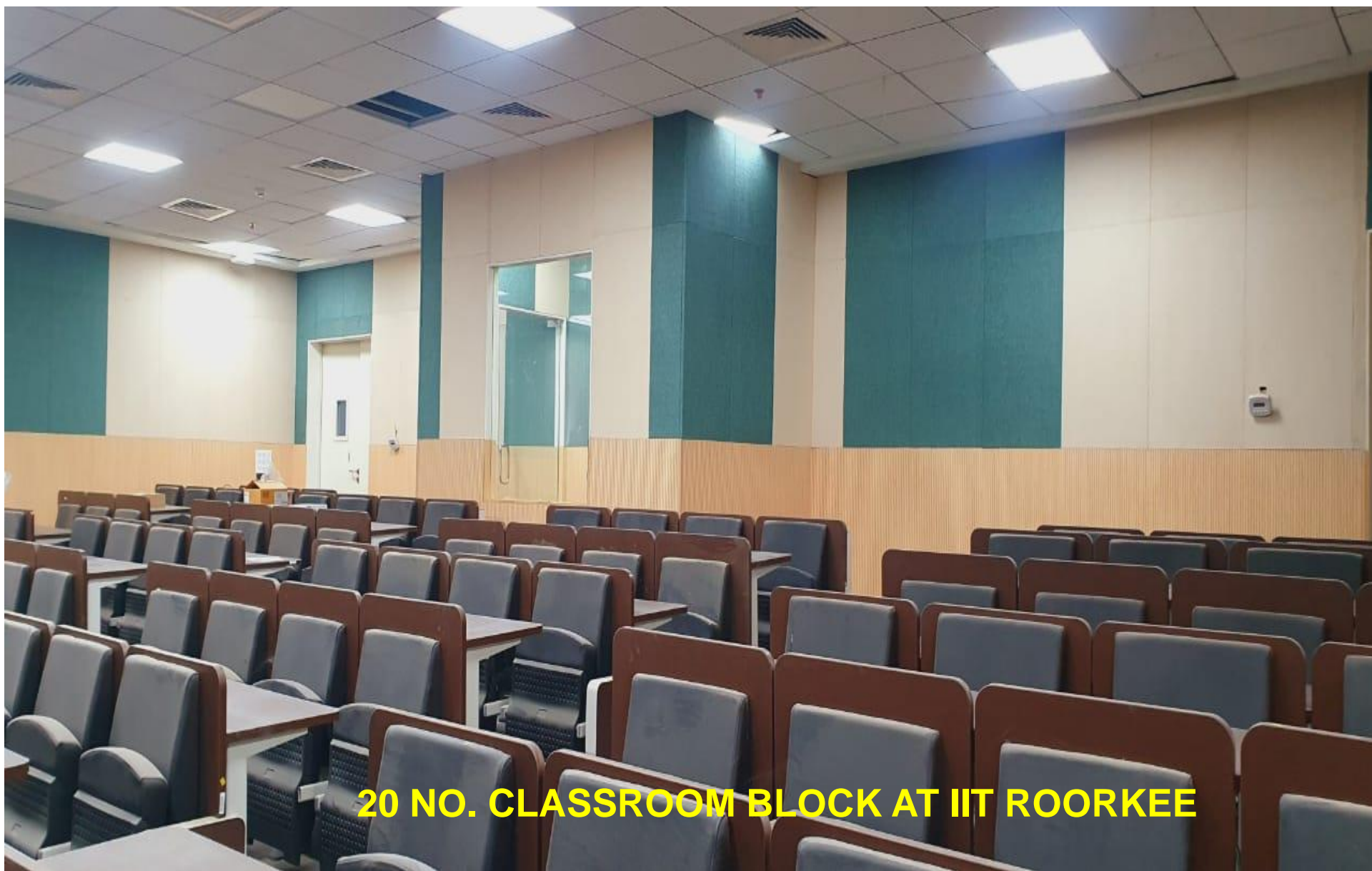
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# AUDITORIUM OF NATIONAL INSTITUTE OF SOCIAL DEFENCE (CPWD) , NEW DELHI







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**Dr. Hari Singh Gaur university auditorium, CPWD, Sagar, Madhya Pradesh**

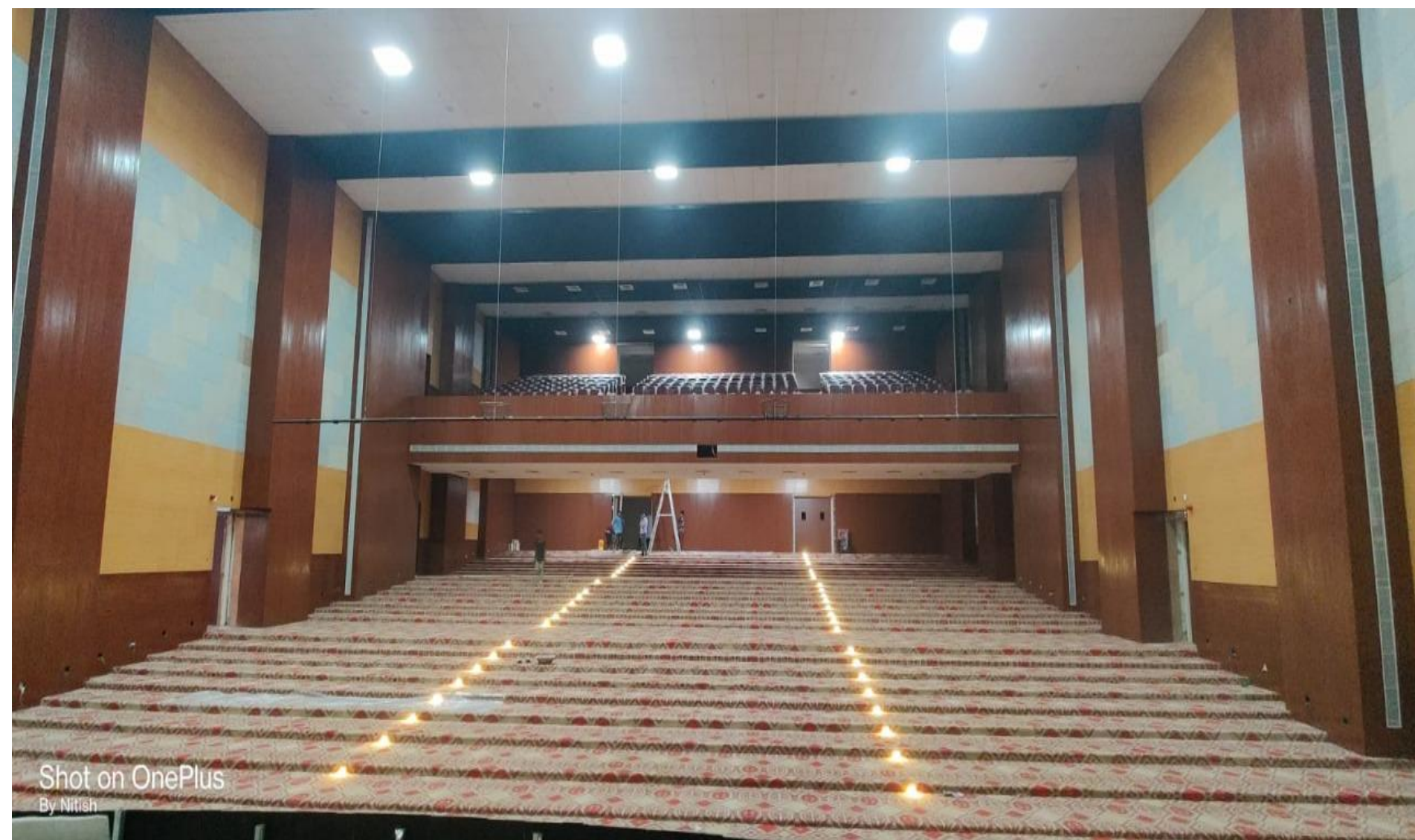






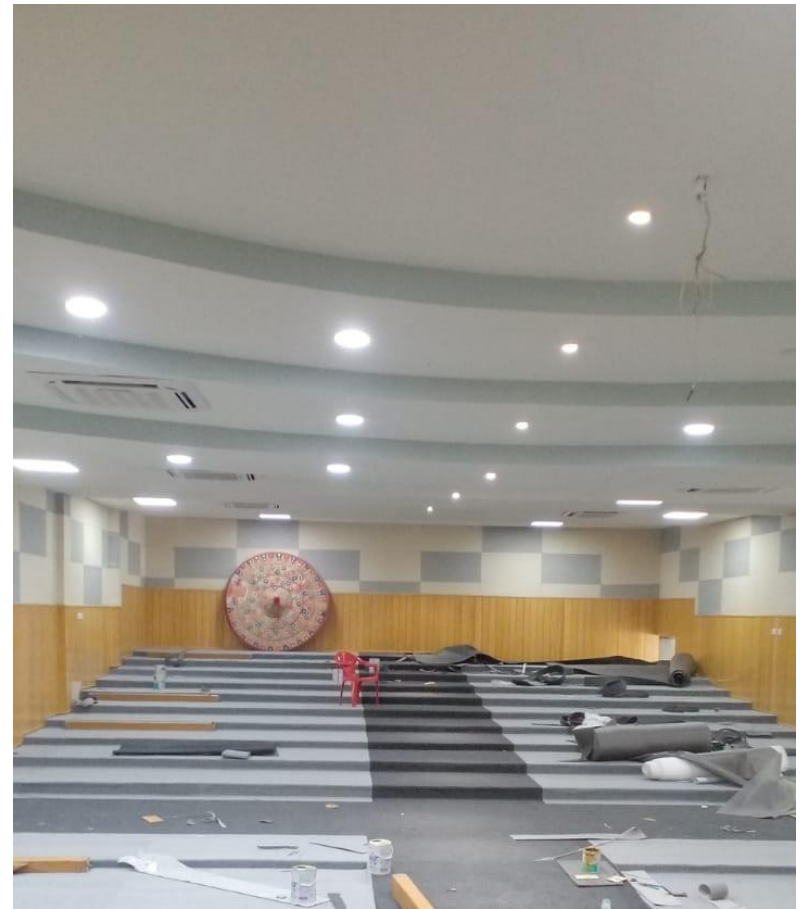
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AUDITORIUM OF SKILL DEVELOPMENT INSTITUTE, BHUBNESHWAR (NBCC)



SILVER JUBILEE HALL, DRL TEZPUR ASSAM (DRDO)





ACOUSTIC WORK AT NSG ,KOLKATA ( CPWD)



NATIONAL INSTITUTE OF BIOTIC STRESS MANAGEMENT, CPWD,RAIPUR





24 NOS.CLASSROOM AT DELHI TECHNICAL UNIVERSITY (PWD),NEW DELHI

MINISTRY OF HOME AFFAIRS,  
CPWD, NEW DELHI



DELHI HAAT, DTTDC, NEW DELHI



UPSC, CPWD, NEW DELHI

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MINISTRY OF HOME AFFAIRS,  
CPWD, NEW DELHI



GOVERNMENT SCHOOL  
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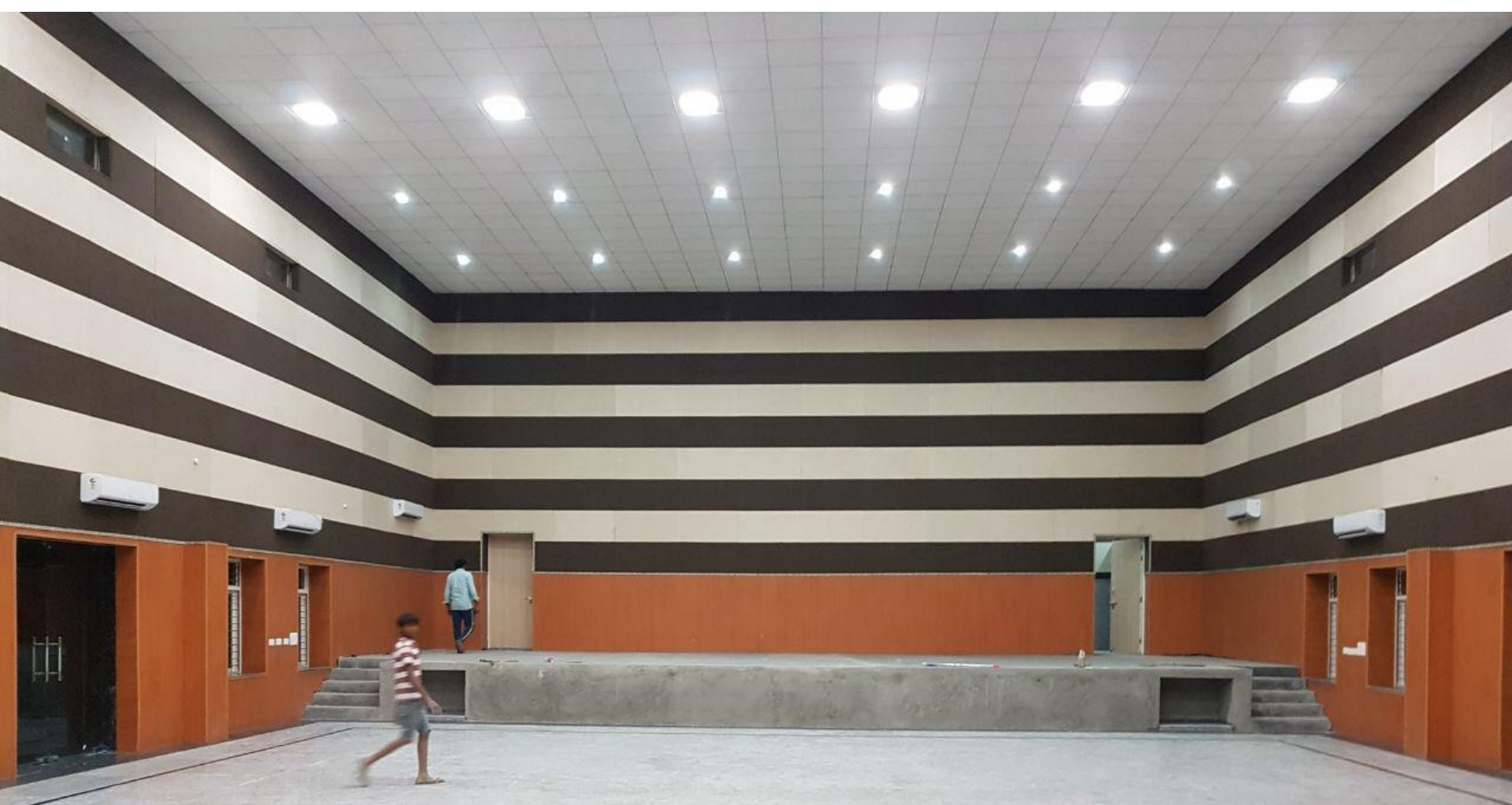


MULTIPURPOSE HALL OF GOVT SCHOOL  
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NATIONAL EMERGENCY RESPONSE  
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GOVERNMENT SCHOOL AUDITORIUM BY DTTDC, NEW DELHI



IIIT CHITOOR



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HOTEL  
TRICHY







NBCC OFFICE PREMISE, NEW DELHI



ORIENTATION CENTRE, CREDENCE



AUDI, CDTS, GHAZIABAD



PVT HOME THEATER IN MUMBAI



CONFERENCE HALL, MES



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# GOVERNMENT SECTOR



# INSTITUTIONAL SECTOR



**HSCC (INDIA) LIMITED**  
(A Government of India Enterprise)



# BANKING SECTOR





# PRIVATE SECTORS



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# THANKS FROM TEAM CREDENCE

Mail your Queries at  
[info@credenceindustries.com](mailto:info@credenceindustries.com)

Call : @ +9199990049959

[www.credenceindustries.com](http://www.credenceindustries.com)