

ACGSA PROGRESS REPORT 2023



ABOUT ACGSA

ACGSA Air Philosophy

01

ACGSA (AIR) PHILOSOPHY

The ARCASIA Committee on Green & Sustainable Architecture (ACGSA) is continuously working towards the **objectives of ARCASIA** to promote the *Sustainable Development Goals* & promote *Green & Vernacular building practices* by using the **AIR Philosophy**:

A

AWARENESS

To spread awareness about the sustainable development goals of ACGSA

I

IMPLEMENT

To make it a habit for everyone involved to act upon in their everyday lives

R

RESEARCH

To be informed by extensive research on new technologies & methods to tackle problems & achieve goals

ACGSA Chairs/ Past Chairs



Ar. Tushar Sogani

Chairman – ACGSA
(Indian Institute of Architects - **IIA**)



Ar. Dr. Acharawan Chutarat
Immediate Past
Chair – ACGSA

(The Association of Siamese Architects - **ASA**)



Ar. Alice Leong Pek Lian

Deputy Chair – ACGSA
(Pertubuhan Akitek Malaysia - **PAM**)



Ar. Qazi Arif

Past Chair – ACGSA
(Institute of Architects Bangladesh - **IAB**)



Ar. Debatosh Sahu

Past Chair – ACGSA
(Indian Institute of Architects - **IIA**)

ZONAL REPRESENTATIVES



Ar. Prof. Zebun Nasreen Ahmed

Zone A Representative
(Institute of Architects Bangladesh - **IAB**)



Dr. Ar. Nguyen Quoc Tuan

Zone B Representative
(Vietnam Association of Architects - **VAA**)



Ar. Donna Wu

Zone C Representative
(Architects Association of Macau - **AAM**)

ACGSA TEAM – Official Representatives (Zone A)



Ar. Gaurav Agarwal
(The Indian Institute of
Architects - **IIA**)



Ar. Sujaul Islam Khan
(Institute of Architects
Bangladesh - **IAB**)



Ar. Mishaal R. Merchant
(Institute of Architects
Pakistan - **IAP**)



Ar. Damith Premathilake
(Sri Lanka Institute of
Architects - **SLIA**)



Ar. Ruchi Bajracharya
(Society of Nepalese
Architects - **SONA**)

ACGSA TEAM – Official Representatives (Zone B)



Ar. Amornrut Det -
Udomsap

(The Association of
Siamese Architects
under Royal Patronage
- **ASA**)



Yaseri Dahlia Apritasari

(Ikatan Arsitek
Indonesia - **IAI**)



Ar. Alice Leong Pek Lian

(Pertubuhan Akitik
Malaysia - **PAM**)



Ar. Tan Szue Hann

(Singapore Institute of
Architects - **SIA**)



Ar. Michaela Rosset

(United Architects of
Philippines - **UAP**)



Dr. Ar. Nguyen Quoc
Tuan

(Vietnam Association
of Architects - **VAA**)

ACGSA TEAM – Official Representatives (Zone C)



Ar. Rover Cheung

(The Hong Kong
Institute of
Architects - **HKIA**)



Ar. Terukazu Nii

(The Japan
Institute of
Architects - **JIA**)



Ar. Kyutae Do

(Korea Institute of
Registered
Architects - **KIRA**)



Ar. Tsovoodavaa
Gantumur

(Union of
Mongolian
Architects - **UMA**)



Ar. He Ching

(Architectural
Society of China -
ASC)



Ar. Donna Wu

(Architects Association
of Macau - **AAM**)

ACGSA EVENTS

Selected projects and events
within the spectrum

02

12th ROUND TABLE CONFERENCE

Every year a **round table conference** is held which invites architects from many different countries to gather and discuss the possible solutions to problems, sustainable practices and upcoming technologies worth including in everyday architectural practice.

ARCASIA's **12th Round Table Conference** was hosted by The Indian Institute of Architects (IIA) in Jaipur, India on May 23, 2022 over the theme: **Bringing Back**





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ARCASIA COMMITTEE ON GREEN & SUSTAINABLE ARCHITECTURE ACGSA



ACGSA

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ARCASIA FORUM-21

A first of its kind, hybrid committee meeting was held during the ARCASIA Forum-21 at Ulaanbaatar, Mongolia. Member institutes from all over the world joined in for discussions on the main theme entitled - **'Alternative Energy Options for the Future'**, a topic chosen after careful consideration because the world now needs to prioritize to transform our energy systems and speed up the shift to renewable energy - **“because without renewables, there can be no future.”**





 **ACGSA**
COMMITTEE ON GREEN & SUSTAINABLE ARCHITECTURE
ULAANBAATAR MONGOLIA
2022

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Green AsiARCH (EXHIBITION)

Green AsiARCH Exhibition is held every year wherein different countries participate to display ideas and projects pertaining to sustainability.

The best 02 projects from each country member institute are selected for the display in the exhibition.

ARCASIA's **04th Green AsiARCH Exhibition** was hosted at Ulaanbaatar, Mongolia during the **ARCASIA Forum – 21**.



**Arcasia Committee on
Green & Sustainable Architecture
GREEN AsiARCH- 04 at Ulaanbaatar Mongolia**

Exhibition Snippets



InnoCell

HONG KONG SCIENCE PARK

INSPIRE AND RECREATE
CO-WORK & CO-LIVE 24/7



Project Facts

Country / Hong Kong S.A.R., China

Name of the Project / InnoCell, Hong Kong Science Park

Function / Residential institution with smart living and co-creation space

Location / 1 Chong San Road, Tai Po, New Territories, Hong Kong S.A.R.

Gross Floor Area / 15,300sqm

Site Area / About 3,000sqm

Year of Completion / 2020

List of Project Teams:

Lead Architectural Consultant / Leigh & Orange Limited

Client / Hong Kong Science and Technology Parks Corporation

M & E Consultant / Ove Arup & Partners (HK) Limited

Civil, Geotechnical & Structural Engineer / WSP (HK) Limited

Quantity Surveyor / Currie & Brown Limited

Main Contractor / Hip Hing Engineering Company Limited

Environmental, Acoustic & Sustainability / Allied Environmental Consultant Limited

Facilities Management / Jones Lang LaSalle



Country: Hong Kong – Project 01
Project: InnoCell
Hong Kong Science Park
Architect: Leigh & Orange Limited



On Tai Estate



The old Anderson Road Quarry, used to be a barren land at the urban fringe, has been transformed into an "Urban Oasis" restoring green lives for a new community of 8 500 families in 11 domestic blocks.

The development connected the existing MacLehose trail and the future Anderson Quarry Park and also respected the Tai Sheung Tok ridgeline in the building block disposition which harmonized with nature. Based on findings from the public engagement workshops, we initiated the connection to four existing estates, decided on the local provisions, fixed the green oasis theme, and allowed connections to future developments.

Project Description



Country: Hong Kong – Project 02

Project: On Tai Estate,
Kwun Tong, Kowloon

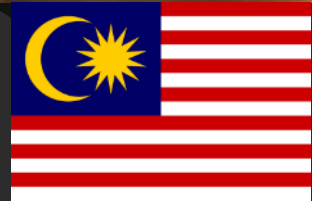
Architect: HKHA – Hong Kong Housing Authority



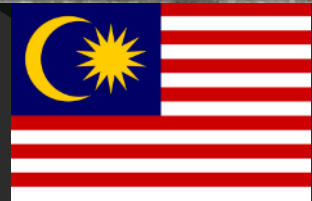
ACGSSA

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Country	: MALAYSIA
Name of the Project	: 1 LASAM
Location	: PERAK
City	: IPOH
Land Area	: 2094.25 SQM
Built Area	: 2,738.13 SQM
Year of Completion	: 2021
Architect	: Ar. KUEE SHEAU SHYUAN
Consulting Firm	: Kuee Architect
Structure Engineer	: AJL PERLINDING
MEP Engineer	: ATEC CONSULTING ENGINEERS
GBI Consultant	: GREEN QUARTER SDN BHD
Cost of the project (in US\$)	: 1.2 MILLION



Country: Malaysia – Project 01
Project: 1 LASAM, Ipoh
Architect: Kuee Sheau Shyuan



Country: Malaysia – Project 02
Project: Wao Shelter Home, Klang Valley
Architect: Syah Kamaruddin



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Country: Japan – Project 01
Project: Miyako Shimojishima; Airport Terminal, Okinawa
Architect: Shinji Kaneuchi & Masanobu Koizumi



Country: Sri Lanka – Project 01
Project: The Quarry Site, Nature Pavilion
Architect: Gayan Herath Chartered Architects

PANNAR SUFFICIENCY ECONOMIC AND AGRICULTURE LEARNING CENTER

Location of Project: Nai Mueang, Thailand.

Year Completion: 2021

Cost:

Total Floor Area:

Site Area: 14 acres

Architect: Vin Varavarn Architects

Cost of the project (\$):

Awards:

- National Best Architecture ASA Gold Award 2022, for Sustainable/Social Architecture,

- Golden Pin Design Mark Awards, Taipei, 2021



Country: Thailand – Project 01
Project: Pannar Sufficiency Economic & Agricultural Learning Center
Architect: Vin Varavarn Architects



Location of Project: The Forestias, Samut Prakan, Thailand

Year Completion: 2020

Site Area: 48,000 square meters.

Total Floor Area: 1,230 square meters.

Architect: Foster + Partners – Foster + Partners

Local Architect: DT Design

Interior Designer: Bug & DT Design

Landscape Designer: TK Studio Co.

Structural And Civil Engineer: Eec Lincolne Scott

Mep Engineer: EEC Engineering Network

Lighting Specialist: Apld

Hardscape Contractor: Christiani & Nielsen (Thai)

Softscape Contractor: CPS

Quantity Surveyor: Aecom (Thailand)

Sustainability Consultant: Atelier Ten Ltd.

Awards: National Best Architecture ASA Gold Award 2022
for Office/Commercial Building



FOREST PAVILLION at The Forestiers



GREEN AsiARCH2022



Country: Thailand – Project 02
Project: Forest Pavilion
Architect: Fosters + Partners





Country: Brunei – Project 01
Project: Eco Luxury Resort



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Country: India – Project 01
Project: School in the Dump yard, New Delhi



Country: Bangladesh – Project 01
Project: Vision Garden, BPATC, Savar, Dhaka
Architect: Ahsan Samim Sumit



Country: Bangladesh – Project 02
Project: Ekmattra Dutch, Bangla Bank Academy
Architect: Iqbal Habib, Ishtiaque Zahir Titas, Shahnaz Akhter



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Country: China – Project 01
Project: Han Theatre of Wuhan International EXPO Center
Architect: Wang Xiaohui, Liu Ying, Yin Jintao, Xia Ni, Wu Sixing



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Project Overview

Country: China
Name of the Project:
The Renovation and Adaptive Reuse of the Panoff Mansion
Location: Wuhan, China
Land Area: 2681.06m²
Built Area: 12519.24m²
Year of Completion: in progress

List of Professionals:
Architects: Xiao Wei, Qi Wei,
Zhang Xi , Wang Xiang, Li
Yuting ,Zhang Wenzhu
Structure: Zhong Xun, Lei
Daowei,Zhang si
MEP & Sustainable Design:
Zhang Fan,Cai Xiongfei,Shen
Jinfang,Tang Xiaoliang
Cost of the Project: 17.53 million \$



Site Area



Country: China – Project 02
Project: The Renovation & Adaptive Reuse of Panoff Mansion
Architect: Xiao Wei, Qi Wei, Zhang Xi, Wang Xiang, Li Yuting





Country: Pakistan – Project 01
Project: Telenor Campus, Islamabad, Pakistan

VERNACULAR WISDOM (BOOK)

The **Vernacular Wisdom** book was launched and distributed in the **ARCASIA Forum - 21**. The major attraction of the meeting was the launch of the this book which was the outcome of the previous meetings of ACGSA Committee under the editorial panel of Ar. Qazi M Arif, Ar. Debatosh Sahu & Ar. Acharawan Chutarat, Ar. Tushar Sogani & Ar. Amina Q Mirza.



Book Cover



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ARCASIA Committee on Green & Sustainable Architecture

Water Management: Practices & Challenges (WEBINAR)

Speakers from 05 different countries got together to host a webinar that tackled the theme: **Water Management: Practices & Challenges.**

Water is a vital issue. Discussions in the webinar included questioning technologies and policy standards for the better use and implementation of adequate water supply as **'Water itself is life'**.

The Webinar was conducted on **December 19, 2022** online.

Water Management Practices and Challenges

ACGSA
ARCHITECTURE COLLEGE GUWAHATI & ASSAM UNIVERSITY

<https://us02web.zoom.us/j/87073025455?pwd=U1c1TTBwRGJDNuShOFdrtWJqZDJUJT09>

Chair
Ar. Tushar Sogani, ACGSA Chair, IIA

19 December 2022
3pm to 5pm GST

SPEAKERS

Ar. Dr. Zohun Nazim Ahmad
BANGLADESH

Ar. Georav Agarwal
INDIA

Ar. Padma Sundar Joshi
NEPAL

Ar. Dhanu Prasad Chakrabarti
SRI LANKA

Ar. Mashtal Merchant
PAKISTAN

Ar. Anshu Garghan Ar. IAS
Ar. Anil Madhok, IAS

Architecture is a multi-disciplinary area, where problems and challenges of various disciplines juxtapose and demand attention in the ultimate outcome, which is the building itself, the brainchild of the Architect. Water is one such vital issue. Without due attention to the needs of providing and controlling this vital commodity we are threatening our very existence. As the saying goes, 'Water itself is Life'. It is needed to sustain life on earth, and to keep the planet healthy. Unfortunately, this resource is limited; anthropogenic activities have been steadily decreasing its availability, both at the earth's surface as well as from underground sources. Climate change is affecting the surface availability of potable and safe water, while over-extraction and industrial and agricultural processes, are affecting the underground water tables. Adequate water supply within built environments needs to be incorporated in habitats, and recognising the need for its control, there are regulations and standards in place. Despite this, built up areas become the main extractors of available water, extraction of which is presenting tremendous challenges for human civilization itself, whether by floods or by droughts. The question remains, how can we design communities and habitats to address the dire situation that is being created globally, one that is irrevocably changing our climate? The purpose of this webinar is to discuss this, to focus on connections between water needs, related building design issues and contextual relationships that need to be addressed to confront this age of the Anthropocene.

arccasia
ARCHITECTURE COLLEGE GUWAHATI



Mishaal Merchant (IAP)

ACGSA



Jubaida Gulshan Ara Shimu



TUSHAR SOGANI



Ar GAURAV (IIA)



Damith Premathilake Archt...

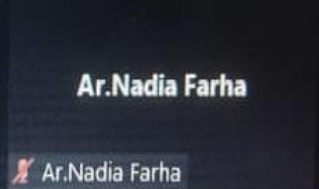


PS Joshi



Arun Kumar

Arun Kumar



Ar.Nadia Farha

Ar.Nadia Farha



SONA RAJESH...

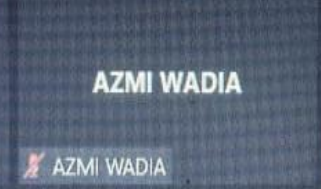
SONA RAJESH THAPA



Zebun Nasreen Ahmed



Roman



AZMI WADIA

AZMI WADIA



Jubaida Shimu

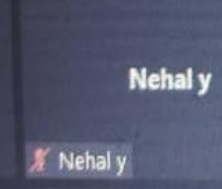


Khadija

Khadija

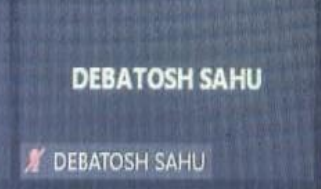


Bisma Askari



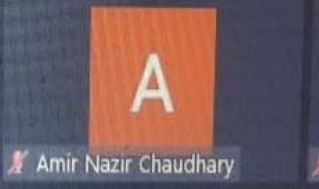
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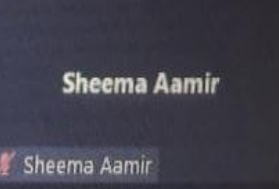


DEBATOSH SAHU

DEBATOSH SAHU



Amir Nazir Chaudhary



Sheema Aamir

Sheema Aamir



Anu

Anu



Jayantha Perera



Najma's iPhone

Najma's iPhone



WEBINAR

Water Management Practices and Challenges

19 December 2022
3pm-5pm (BST)



Water Management Practices & Challenges

- Ar. Gaurav Agrawal
The Indian Institute of Architects (IIA)



Presentation 1

Ar. Gaurav Agrawal (INDIA)



WEBINAR

Water Management Practices and Challenges

19 December 2022
3pm-5pm (BST)



Water Management

Practice and Challenges in Architecture
Resilient Water Systems of Sri Lanka

ARCHT. DAMITH PREMATHILAKE
Sri Lanka Institute of Architects



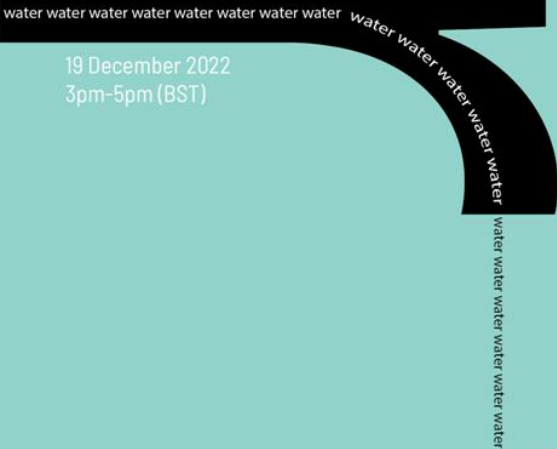
Presentation 2

Ar. Damith Pramithalake (SRI LANKA)

WEBINAR

Water Management Practices and Challenges

19 December 2022
3pm-5pm (BST)



PAANI KI DOHRI KAHANI



Presentation 3

Ar. Mishaal Merchant (PAKISTAN)

Water Management Practices and Challenges



19 December 2022
3pm to 5pm BST



Water Management

Practices and Challenges in Architecture

The Bangladesh Context

Ar. Dr. Zebun Nasreen Ahmed
Institute of Architects Bangladesh



Presentation 4

Ar. Zebun Nasreen Ahmed (BANGLADESH)

13th ROUND TABLE CONFERENCE

ARCASIA's **13th Round Table Conference** was hosted by The Society of Nepalese Architects (SONA) in Kathmandu, Nepal on **January 18, 2023**. The conference invited architects from many different countries divided into **03 main committees**.

The theme of the ACGSA conference was entitled - **'Resilient Architecture in Asia'**.





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13th
ROUND TABLE
CONFERENCE

ARCASIA COMMITTEE ON
& SUSTAINABLE ARCHITECTURE



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Cross Committee Collaborations, 2023

During the 13th Round Table Conference, the 05 committees of **ARCASIA**: **ACGSA, ACYA, ACAE, ACPD & ACSR** gathered for discussions over the objectives of ARCASIA, promote the **Sustainable Development Goals** & promote **Green & Vernacular building practices**.

arcasia
Architects Regional Council Asia

Ar. Thomas Cheung
(Chairperson, ACSR)

Ar. Tushar Sogani
(Chairperson, ACGSA)

Ar. Mukul Goyal
(Chairperson, ACPD)

Ar. Abu Sayeed M. Ahmed
(President, ARCASIA)

Ar. Bisma Askari
(Chairperson, ACYA)

Ar. Adrianta Aziz
(Chairperson, ACAE)

Cross Committee Collaboration 2023

18 January, 2023
04.30 p.m. - 05.30 p.m.
Hotel Radisson, Kathmandu, Nepal

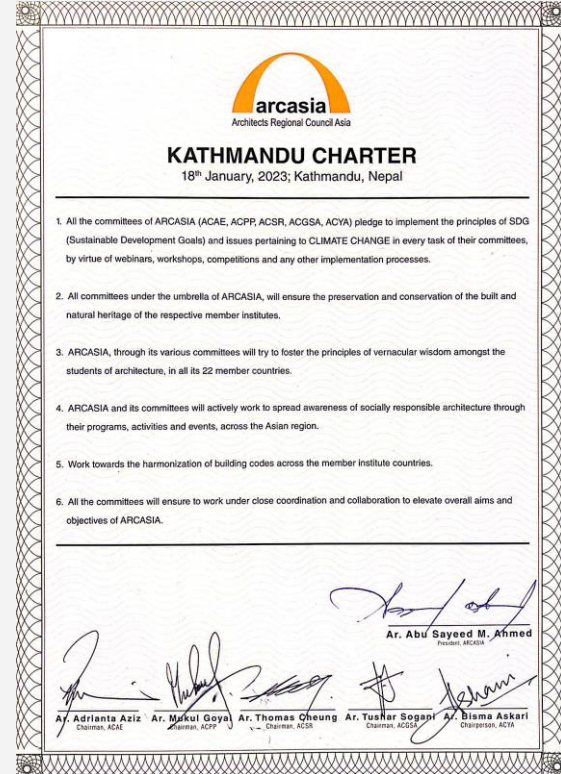
Hosted by:
SONA - Society of
Nepalese Architects



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ARCASIA Committee on Green & Sustainable Architecture

KATHMANDU CHARTER

A Charter was pledged between the 05 committees of **ARCASIA: ACGSA, ACYA, ACAE, ACP & ACSR** to promote & follow the **Sustainable Development Goals** & issues pertaining to **Climate Change** in every task of their committees, by virtue of *webinars, workshops, competitions & any other implementation processes* to promote the **AIR Philosophy** of ACGSA & ARCASIA





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MOU - DHAKA ACGSA x ACYA

An **MOU was signed** between the two committees of ARCASIA – **ACGSA & ACYA** to promote and follow the objectives of ARCASIA, promote the **Sustainable Development Goals** & promote **Green & Vernacular building practices**. They wish to take up assignments that foster and maintain mutual cooperation and assistance among member institutes in the Asian Region.





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Diversity in Sustainable Architecture (WEBINAR)

Speakers from 05 different countries got together on **26th August, 2023** to host a webinar that tackles the theme: **Diversity in Sustainable Architecture.**



Zone - C Webinar

Diversity in Sustainable Architecture.



Ar. Dr. Abu Sayeed M. Ahmed
PRESIDENT (ARCASIA)



Ar. Tushar Sogani
CHAIRMAN (ACGSA)



Ar. Acharawan Chutarat
MODERATOR (Immediate Past Chair, ACGSA)

SPEAKERS



Ar. Jeong In Leng Yvonne
(HKIA)



Ar. Xiao Lan
(ASC)



Ar. Sung Hoon park
(KIRA)



Ar. Donna
K.K. Wu
(AAM)



Ar. Ben
Nakamura
(JIA)

📅 26th August '23
🕒 3 PM Beijing Time

Scan for
the link.





Diversity in Sustainable Architecture.

Zone - C Webinar



Recording...

View

ACGSA Diversity in Sustainable Architecture. Donna Wu

ACGSA Diversity in Sustainable Architecture. AR.TUSHAR SOGANI

ACGSA Diversity in Sustainable Architecture. Kyutae Do (KIRA)

ACGSA Diversity in Sustainable Architecture. ACHARAWAN CHUTARAT

ACGSA Diversity in Sustainable Architecture. Park, Sung Hoon (KIRA)

ACGSA Diversity in Sustainable Architecture. HE Jing

ACGSA Diversity in Sustainable Architecture. Yvonne IEONG

ACGSA Diversity in Sustainable Architecture. 鮎中村

ACGSA Diversity in Sustainable Architecture. Terukazu Nii

ACGSA Diversity in Sustainable Architecture. Sujaul Khan

ACGSA Diversity in Sustainable Architecture. DEBATOSH SAHU

ACGSA Diversity in Sustainable Architecture. Ar Preethi A

ACGSA Diversity in Sustainable Architecture. Anjumalla Pradhan

ACGSA Diversity in Sustainable Architecture. Francisco Ricarte

ACGSA Diversity in Sustainable Architecture. KS & Associates

ACGSA Diversity in Sustainable Architecture. Dr. Abu Sayeed

Unmute Start Video Security Participants 41 Chat 3 Share Screen Reactions Apps Whiteboards More Leave



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Acha Chutarat

Rover Cheung

Zebun Nasreen...

Acha Chutarat


Rover Cheung

Zebun Nasreen Ahmed



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Recording... View







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Diversity in Sustainable Architecture

Zone - C Webinar



ACHARAWAN CHUTARAT

 Diversity in Sustainable Architecture ACHARAWAN CHUTARAT	 Diversity in Sustainable Architecture Yvonne IEONG
 Diversity in Sustainable Architecture ARTUSHAR SOGANI	 Diversity in Sustainable Architecture 趙中村
 Diversity in Sustainable Architecture rosliali52@yahoo.com rosli mohd ...	 Diversity in Sustainable Architecture Donna Wu
 Diversity in Sustainable Architecture Kyutae Do (KIRA)	 Diversity in Sustainable Architecture Park, Sung Hoon (KIRA)

Unmute Start Video Security Participants 43 Chat 3 Share Screen Reactions Apps Whiteboards More Leave

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Unmute Start Video Security Participants 60 Chat 1 Share Screen Reactions Apps Whiteboards More Leave

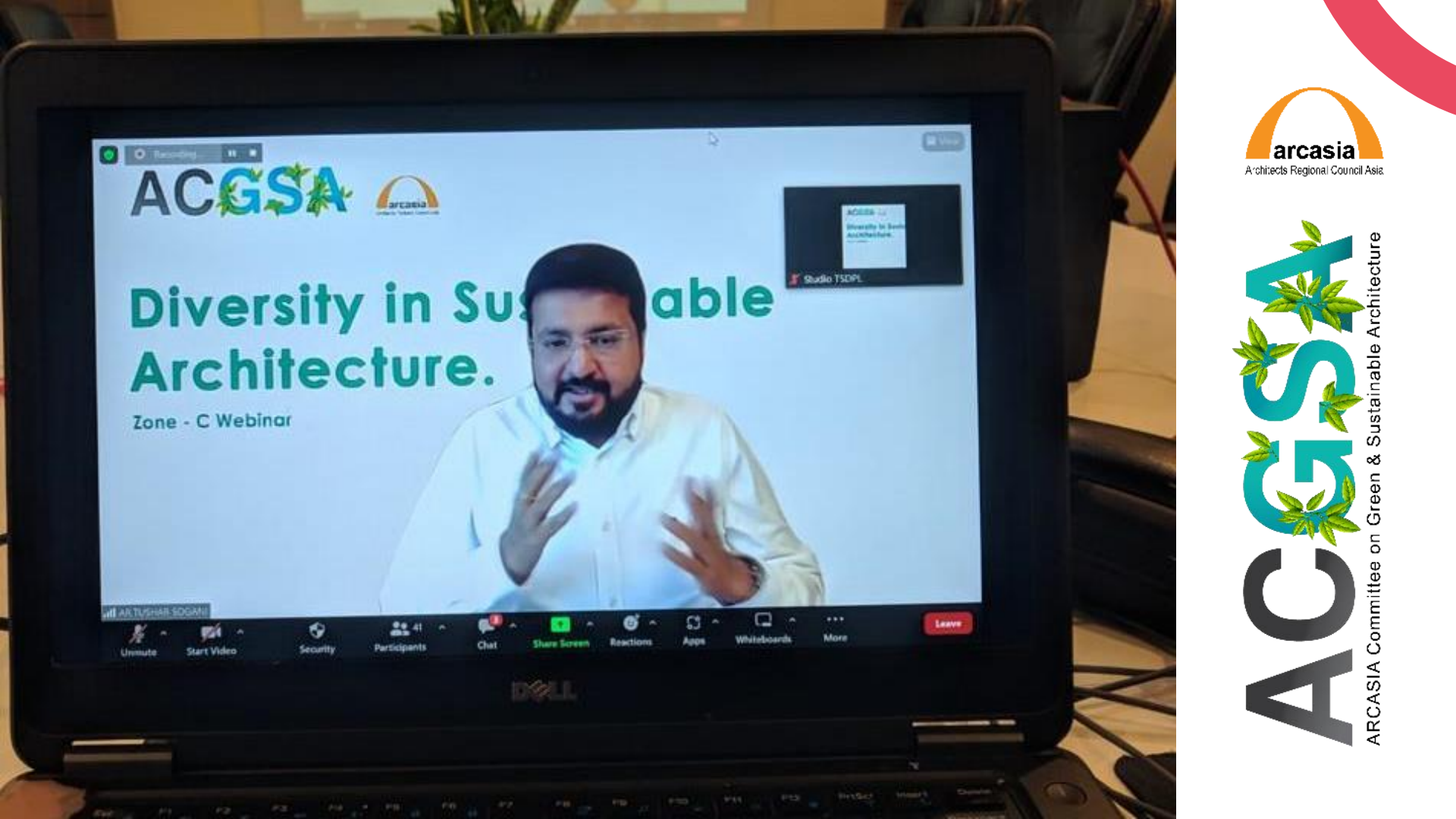
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Recording

ACGSA 

Diversity in Sustainable Architecture.

Zone - C Webinar

ARVISHAR SOGANI

Studio TSDPL

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DELL



***“Preservation of the environment,
promotion of sustainable development &
particular attention to climate change***
are matters of grave concern for the
entire human family.”



— Pope Benedict XVI

ACGSA HIGHLIGHTS

Video Highlights of the
events held under ACGSA

03

Coming soon....

ACGSA COMPETITION

Design Competition to be
held and juried by the ACGSA

04

ARCASIA Design Competition

For Green & Sustainable Architecture

01

Step 01

Entries to be invited from all participating countries

02

Step 02

ACGSA will select the **best 10 projects**

03

Step 03

The best 10 projects are then **displayed** in the exhibition

Steps explaining the process involved in the design competition to be organized by ACGSA

Coming soon....



THANKS!

