

# GO GREEN INITIATIVES

**WEBINARS-20  
AWARENESS POSTERS  
COMPETITION  
FDPs-2**

COORDINATORS  
AR.SAVITA MASTIHOLI  
AR.BHAVANA KULKARNI

# CONTENT & INTENT

SCHOOL OF ARCHITECTURE  
(CAMPUS 2)

GO-GREEN  
INITIATIVE  
PROGRAMMES

ENERGY WATER RECYCLING & WASTE AIR QUALITY



DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT  
UDAYAPURA, KANAKAPURA MAIN ROAD, OPP. ART OF LIVING, BANASHANKAR CROSSING

Green Being Smart buildings are also termed as intelligent buildings, they are responsive to the requirements of occupants, organizations and society. These are sustainable in terms of energy and water consumptions besides being lowly polluting in terms of emissions and waste, healthy in terms of well-being for the people living and working within it and functional according to the user needs. This is the much-needed change in today's architectural design process, which should be developed through the active and passive design principles along with automated processes which control all sorts of building's operations like: Security, Lightning, Air conditioning, Heating, Ventilation, etc. making use of natural light and air along with sensors, actuators, and microchips to manage everything. The intent of this FDP is to provide a overview on this dynamic and responsive architecture that provides every occupant with productive, cost effective and environmentally conducive conditions through continuous interaction among its basic elements: Efficiency (Structural, Energy, Water, Material, Indoor environment quality & Waste management), processes (automation, control, systems), people (services, users) and management (operation, maintenance, performance) and the interrelation between them



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SCHOOL OF ARCHITECTURE  
CAMPUS 2

# GO GREEN INITIATIVES SITE VISIT



KARNATAKA CHAPTER  
2020 - 2022

**For final semester  
architecture  
students**

Intent-to educate students about  
green building concepts and  
sustainable design

VISIT TO A  
GREEN BUILDING  
IN BENGALURU

**DATE**  
14.08.2021  
**TIME 11AM**

**PLEASE CONTACT**  
Ar Abhimanyu 9964672502  
Ar Tapasya 99009 91118

Students of SOA Visited  
**Bearys Global Research  
Triangle** at Whitefield.  
Visit Organised by **IIA  
Karnataka Chapter**. The  
Intent of the visit to  
educate students about  
green building concepts  
and sustainable design.  
The visit was on **14<sup>th</sup>  
Aug 2021**.



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**SCHOOL OF ARCHITECTURE  
CAMPUS 2**

# GO GREEN INITIATIVES WEBINAR 1



**DAYANANDA SAGAR ACADEMY OF TECHNOLOGY & MANAGEMENT**  
Opp. Art of Living, Udayapura, Kanakapura Road, Bangalore- 560082

**SCHOOL OF ARCHITECTURE**  
(Affiliated to Visvesvaraya Technological University, Belagavi and Approved by Council of Architecture, New Delhi)

**WEBINAR ON BREEAM AND LEED  
AS PART OF GO GREEN INITIATIVE**  
ON 29<sup>th</sup> MAY 2021 AT 11:00 AM  
Join the link: <https://meet.google.com/zpp-ozhl-pbm>

**BREEAM** (Building Research Establishment Environmental Assessment Method) and **LEED** (Leadership in Energy and Environmental Design) logos are displayed.

**NIRMALA DUTT R J**  
RAIL SENIOR ARCHITECT  
Transportation  
ATKINS

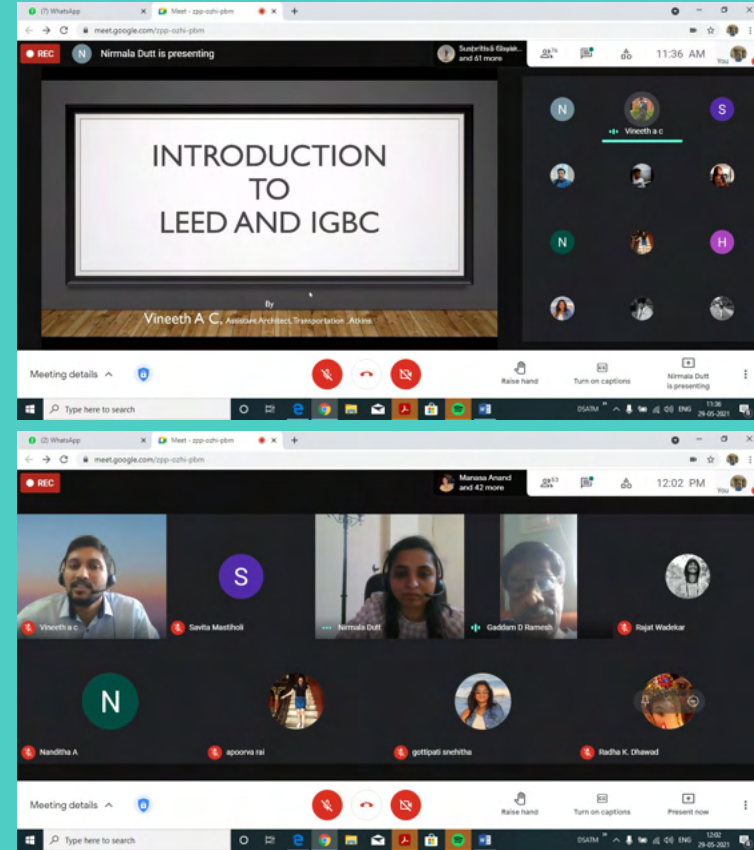
**VINEETH A C**  
ASSISTANT ARCHITECT  
(Transportation, Educational,  
BIM, Residential) ATKINS

BREEAM is the world's leading sustainability assessment method for master planning projects, infrastructure and buildings

LEED certification is a globally recognized symbol of sustainability achievement and leadership

**CONVENORS:**  
Dr.B.R.Lakshmi Kantha Principal, DSATM  
Gaddam .D. Ramesh Director, SOA ,DSATM  
Dr.C.Nandini Vice Principal,DSATM  
CO-Ordinator Ar.Mamatha.N Asst.Professor Ph:9880525181

SOA conducted Webinar on BREEAM and LEED on 29<sup>th</sup> May 2021 by Nirmala Dutt R J and Vineeth A C as part of MMBC-VIII Curriculum with the Permission of Principal Dr.B.R. Lakshmi Kantha, Vice principal Dr.C.Nandini, Dean Academics Dr.Sumitra Devi and the guidance of our SOA Director. Gaddam .D. Ramesh.



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Academy of Technology and Management

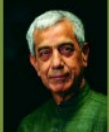
**SCHOOL OF ARCHITECTURE**  
CAMPUS 2

# GO GREEN INITIATIVES WEBINAR 2



DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT  
UDAYAPURA, KANAKAPURA MAIN ROAD, OPP. ART OF LIVING, BANGALORE- 560082  
**SCHOOL OF ARCHITECTURE**

Webinar on  
Go Green  
Initiative



**Ar. Krishnarao Jaisim**

Ar. Krishnarao Jaisim is an architect and the former chairman of the Indian Institute of Architects, Karnataka Chapter. His work has been featured in the *New York Times*, *The Hindu*, *The Times of India*, *The Deccan Herald*, and on HGTV.

Jaisim attended Madras Christian College School (1960 batch). He completed his university education in architecture in 1966, from Madras University. From 1966 to 1970, he worked with the architectural firm of LM Chitale & Son, Madras. In 1970, inspired by Ayn Rand's novel, *The Fountainhead*, he started an architecture practice under the name "Jaisim-Fountainhead". The practice grew from 1970 to 1975, winning a National Competition for the Cochin Stadia, Presidents Nomination for the Small Industries Pavilion and the 'TAJ Fisherman's Cove'.

Prof. Jaisim has received a number of awards and recognitions including the most recent NDTV Architecture and Design Lifetime Achievement Award 2014, besides the prestigious RIBA recognition (2017) for the Reverse Shell Auditorium, Triupati Venkateswara University.

Friday,  
4<sup>th</sup> Sept 2020  
@ 11 am

ZOOM CLOUD MEETING  
PMI: 461 397 6523  
Password : 12345

#### CONVENORS

Dr. B.R.LakshmiKantha,  
Principal, DSATM  
Prof. Gaddam D Ramesh  
Director, SOA-DSATM

#### CO-ORDINATOR:

Prof. Shabbir Lehari,  
Associate Professor  
+91-9880384238


SOA conducted Webinar on Go Green Initiative by Ar.Krishnarao Jaisim on 4<sup>th</sup> September 2020 with the Permission of Principal Dr.B.R. Lakshmi Kantha, Vice principal Dr.C.Nandini, Dean Academics Dr.Sumitra Devi and the guidance of our SOA Director. Gaddam .D. Ramesh.



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CAMPUS 2

# GO GREEN INITIATIVES WEBINAR-2 UND

 DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT  
LIDAVAPURA, KANAKAPURA MAIN ROAD, OPP. ART OF LIVING, BANGALORE-560082  
**SCHOOL OF ARCHITECTURE**

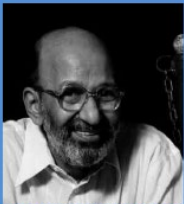
Webinar on  
**STUDYING,  
LEARNING  
AND  
BECOMING  
ECO-FRIENDLY  
ARCHITECT**

Monday,  
8<sup>th</sup> June 2020  
@ 10am to 11 am

ZOOM CLOUD MEETING  
PMI: 461 397 6523  
Password : 12345

**CONVENORS**  
Dr. B.R.Lakshmikantha,  
Principal, DSATM  
Prof. Gaddam D Ramesh  
Director, SOA-DSATM

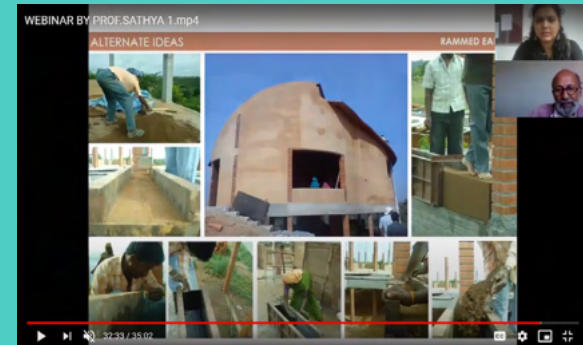
**MODERATORS**  
Prof. Shabbir Lehri, Associate Professor  
+91-9880384238  
Prof. Bhavana Kulkarni, Assistant Professor  
+91-8762337587



Ar. SATHYA PRAKASH VARNASHI

Sathya Prakash Varanashi studied architecture in Bangalore, urban design in Delhi and heritage conservation in England. A Professor of Architecture at KSSA, he is involved in academics, outreach activities, freelance writing, professional associations and NGO initiatives. Right from his early days, he was attracted to designs ideas rooted in cost, culture, climate and creativity, thanks to the influence of architects such as Laurie Baker, Shankar Kanade, K. Jaissim, A.G.K. Menon and K.T. Ravindran. His consultancy firm, Sathya Consultants, in Bengaluru has been professing and practicing eco-friendly cost-effective architecture for the last 25 years.

Webinar organised by SOA, on 8<sup>th</sup> June 2020 - Studying learning and becoming an ECO-Friendly Architect, By Satya Prakash Varanasi Attended by 100 plus Participants initiated by our Director. Gaddam .D.Ram esh, and supported by Principal-Dr.B.R.Lakshmikantha and Moderators:Prof:Shabbir Lehri and Prof:Bhavana Kulkarni




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CAMPUS 2

# GO GREEN INITIATIVES WEBINAR-3


We conducted a Webinar on **THE IMPORTANCE OF SUSTAINABILITY IN DESIGN** Presented by Ar. TAPASYA on 9<sup>th</sup> July-2020 under the Guidance of Director. Gaddam .D.Ramesh,  
Co-ordinators: Ar. Aparna Gopinath, Ar. Shabbir Lehri,

 **DAYANANDA SAGAR ACADEMY OF TECHNOLOGY & MANAGEMENT**  
Udayapura, Kanakapura Road, Opp: Art of Living, Bangalore – 560082

**SCHOOL OF ARCHITECTURE**  
Presents  
**WEBINAR ON**  
**THE IMPORTANCE OF SUSTAINABILITY IN DESIGN**

  
**Ar. TAPASYA**  
Architect Tapasya has managed a mixed portfolio of Office, Retail & Residential space.  
Her progressive design thinking, Leadership and Strategic planning has been a key for successful completion of many developments across India. She constantly researches and innovates sustainable solutions in design to provide an unique experience to the users.

**9<sup>th</sup> July 2020**  
Time | 11.00 AM-12.00 PM  
Platform | Google Meet  
Please join using :  
Meeting code | xtx-gxej-tpt



**CONVENORS**  
Dr. B.R. Lakshminantha,  
Principal, DSATM  
Prof. Gaddam D Ramesh  
Director, SOA, DSATM

For any queries contact :

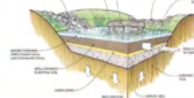
**COORDINATOR**  
Ar. Shabbir Lehri  
Associate Professor  
9880384238


**COORDINATOR**  
Ar. Aparna Gopinath  
Assistant Professor  
9497351207

**REC**

Through conservation matched with on-site power generation, this project leverages the reduction of funds which could be used for other needs.

The project chose to maximize water conservation measures and showcase educational opportunities regarding water through bio-retention basins as outdoor classrooms.






Presentation (Tapasya.Gas)

**REC**

**Question 3. Abbreviations:**

- A. CFL
- B. LED
- C. VOC
- D. U-value
- E. R-value





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Academy of Technology and Management

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CAMPUS 2

# AW AREENESS POSTERS ON COVID-19

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SCHOOL OF ARCHITECTURE (CAMPUS 2)

**'MYTHS FOOL YOU'**  
**FACTS SAFEGUARD YOU'**



Stay updated with **FACTS** about **COVID-19**

**MYTHS**  
**FACTS**

*'Lets fight COVID-19 TOGETHER'*

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**FACTS ABOUT COVID-19**

Q & A on COVID-19, MEDICINE

**Is there a vaccine, drug or treatment for COVID-19?**  
Not yet. To date, there is no vaccine and no specific antiviral medicine to prevent or treat COVID-2019. However, those affected should receive care to relieve symptoms. People with serious illness should be hospitalized. Most patients recover thanks to supportive care.

**Are antibiotics effective in preventing or treating the COVID-19?**  
No. Antibiotics do not work against viruses, they only work on bacterial infections. COVID-19 is caused by a virus, so antibiotics do not work. Antibiotics should not be used as a means of prevention or treatment of COVID-19.

**Are there any medicines or therapies that can prevent or cure COVID-19?**  
While some western, traditional or home remedies may provide comfort and alleviate symptoms of COVID-19, there is no evidence that current medicine can prevent or cure the disease. WHO does not recommend self-medication with any medicines.

With the help and advice of a qualified health care professional most patients recover.

SOURCE: World Health Organization

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**GO-GREEN INITIATIVE PROGRAMMES**

**FACTS ABOUT COVID-19**

**When to use a mask**



- If you are healthy, you only need to wear a mask if you are taking care of a person suspected with COVID-19**
- Wear a mask if you are coughing or sneezing**
- Masks are effective only when used in combination with frequent hand-cleaning with alcohol-based hand rub or soap and water**
- If you wear a mask, then you must know how to use it and dispose of it properly**

SOURCE: World Health Organization



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 (CAMPUS 2)

**EMERGING TRENDS IN POST PANDEMIC ARCHITECTURE**

LIFE AFTER CORONAVIRUS-HOW WILL THE PANDEMIC AFFECT OUR LIFESTYLE TRENDS AND OUR BUILT ENVIRONMENT?  
 WHAT COULD BE THE EMERGING TRENDS IN ARCHITECTURE TO RESPOND PANDEMICS LIKE THESE?  
 HOW CAN ARCHITECTS RETHINK ON THEIR DESIGNS TO MAKE IT PANDEMIC PROOF?

**GENRE 1-ESSAY**  
 IDEAS IN ESSAY  
 NO OF WORDS: 1000 MIN AND 2000  
 FONT STYLE : TIMES NEW ROMAN  
 FONT SIZE : 12 PT WITH SINGLE SPACING  
 SUBMIT IN THE FORM OF PDF  
 FILE NAME FORMAT : FULLNAME\_SEMESTER

**GENRE 2-ILLUSTRATION**  
 IDEAS IN ILLUSTRATION  
 ILLUSTRATION IN THE FORM OF: DRAWINGS/ CONCEPTUAL 3D VIEWS/SKETCHES/COLLAGES  
 NO OF PAGES: 1 OR 2 NOS  
 PAGE SIZE : A3  
 SUBMIT IN THE FORM OF PDF  
 FILE NAME FORMAT : FULLNAME\_SEMESTER

OPEN TO ALL THE STUDENTS AND ALUMNI OF SCHOOL OF ARCHITECTURE, DSATM, BANGALURU  
 BEST ENTRIES WILL BE AWARDED

**LAST DATE FOR SUBMISSION- 15<sup>TH</sup> OF MAY 2020**  
**EXTENDED DATE FOR SUBMISSION :18<sup>TH</sup> OF MAY 2020**  
 SUBMISSION TO BE MADE ON **GOOGLE CLASSROOM : SOA DSATM**  
**GOOGLE CLASSROOM CODE qkcvqsj**  
 KINDLY UPLOAD THE SUBMISSIONS IN THE RESPECTIVE FOLDERS

CONVENERS :  
 Dr. B.K.Lakshminantha Principal DSATM  
 Gaddam D Ramesh Director, SOA, DSATM  
 COORDINATORS :  
 Bhavyana Kulkarni Assistant Professor 8742337587  
 Savita Masihalli Assistant Professor 9886864909  
 EMAIL ID: gogreen2020soadstatm@gmail.com

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**SCHOOL OF ARCHITECTURE**  
 (CAMPUS 2)

**EMERGING TRENDS IN POST PANDEMIC ARCHITECTURE**

DATE FOR SUBMISSION :18<sup>TH</sup> OF MAY 2020

**RESULTS**

**GENRE 1-ESSAY**  
 IDEAS IN ESSAY

**1ST PRIZE - GREESHMA D - 4TH SEMESTER**  
**2ND PRIZE - HAMSINI NAGESH - 4TH SEMESTER**  
**3RD PRIZE - SHILPA SHREE VENKATESH - 10TH SEMESTER**

**GENRE 2-ILLUSTRATION**  
 IDEAS IN ILLUSTRATION

**1ST PRIZE - C.NAVNEET SCINDIA - 2ND SEMESTER**  
**2ND PRIZE - LAVANYA G R - 10TH SEMESTER**

CONVENERS :  
 Dr. B.K.Lakshminantha Principal DSATM  
 Gaddam D Ramesh Director, SOA, DSATM  
 COORDINATORS :  
 Bhavyana Kulkarni Assistant Professor 8742337587  
 Savita Masihalli Assistant Professor 9886864909  
 EMAIL ID: gogreen2020soadstatm@gmail.com

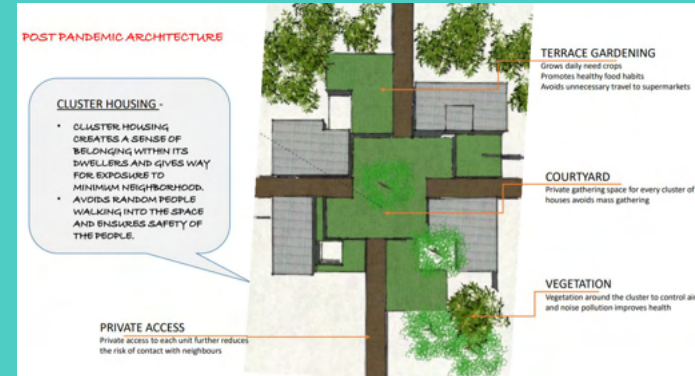



ILLUSTRATION ENTRY

A total of 60 participants from 1<sup>st</sup> year to 5<sup>th</sup> year students.



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BANGALORE-560082



**SCHOOL OF ARCHITECTURE**  
(CAMPUS 2)

**GO-GREEN INITIATIVE PROGRAMMES**  
Lecture Series



## RE-ENVISIONING ULSOOR PRECINCT

**SAVITA and BHAVANA**  
M.SATHIHALI,  
Assistant Professor,  
SOA DSATM

Date :09-03-2020

Venue:Lecture Hall I  
SOA DSATM

CONVENERS :  
Dr. B.R.Lakshmi kantha  
Principal DSATM

Prof. Gaddam D Ramesh  
Director, SOA DSATM

COORDINATOR :  
Bhavana Kulkarni - 8762337587  
Assistant Professor

Savita Msathihali - 9886884909  
Assistant Professor

## Re-envisioning Ulsoor Precinct



Revitalization of Ulsoor Someshwar temple precinct, Bengaluru, Someshwar temple precinct dates back to the chola dynasty. Presently the historic precinct has lost its value. The precinct also has one of the oldest market's of Bengaluru. The market has become dilapidated in nature. The precinct being the oldest, it is very important to revitalize it. As a part of Gogreen initiatives we need to respect the nature, which in turn demands for the revitalization of the kalyani. Kalyani was a place used for rain water harvesting and this water source was used for the temple activities. Rejuvenating Kalyani is the need of an hour. Hence revitalization of this historic precinct gets back its lost historic importance.





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**SCHOOL OF ARCHITECTURE**  
(CAMPUS 2)

**GO-GREEN INITIATIVE PROGRAMMES**  
Lecture Series

**Rain Water Harvesting**  
By  
**Mamatha N.**  
Assistant Professor,  
SOA DSATM

Date: 17 July 2020  
Time: 11.00 AM - 12.00 PM  
Platform : Google Meet  
Please Join Using  
Meeting Code : hzf-qnwe-qxo

CONVENERS :  
Dr. B.R.Lakshmikantha  
Principal DSATM

COORDINATOR :  
Bhavana Kulkarni - 8762337587  
Assistant Professor

Prof. Gaddam D Ramesh  
Director, SOA, DSATM

Savita Msaliholi - 9886884909  
Assistant Professor



## Rain Water Harvesting



The strategy for sustainable water supply plan for a city should have the combination of conventional river water supply augmented by the “New water supply sources

- Rain water harvesting
- Ground water recharge with sustainable withdrawal
- Reuse of waste water through treatment

meet.google.com/hzf-qnwe-qxo

mamatha n is presenting

Meeting details

People (63)

- Sangeetha Babu
- sanjana srikanth
- Savita Masthohi / Uppin
- Shehzadi Farha Khan
- SNEHA K V
- Sreesh Rajeev
- srushti yadav
- Suhruha Kakani
- Sunita V
- Susprihaa Chakraborty

Open wells at Harappa

KRS

bhoja lake at Bhopal

Meeting details

Turn on captions

mamatha n is presenting



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**SCHOOL OF ARCHITECTURE**  
(CAMPUS 2)

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Lecture Series**

## Sustainable Hospital Design

By

**Harshalatha A.P.**

Associate Professor,  
SOA DSATM

CONVENERS :  
Dr. B.R.Lakshmi kantha  
Principal DSATM

Prof. Gaddam D Ramesh  
Director, SOA DSATM

COORDINATOR :  
Bhavana Kulkarni - 8762337587  
Assistant Professor

Savita Mastiholi - 9886884909  
Assistant Professor

Date: 20 July 2020  
Time: 02.00 PM - 03.00 PM  
Platform : Google Meet  
Please Join Using  
Meeting Code : utu-iwqj-mi



## Sustainable Hospital Design



The topic mainly focused on the sustainable design approach for the healthcare facilities. The hospital design is very complex process involving various parameters to be considered while designing. The design of healthcare should be user friendly and must create a healing environment. The presentation Covered planning strategies, design guidelines, construction detailing, materials selection, services and interior issues for the sustainable hospital. Well designed hospital will enhance the psychological feeling of patients as well as the other users associated with the healthcare.

meet.google.com/utu-iwqj-mi?pli=1&authuser=3

REC H Harshalatha Ananth is presenting

Meeting details

People (35)

Savita Mastiholi / Uppin

Harshalatha Ananth

mamata gonnagar

### HOSPITAL SITE PLANNING...

- Entrance road
  - Balanced built and open relationship
  - Legibility and way-finding
  - Signages
  - Universal accessibility
  - Safety and security
  - Sufficient parking for different users
  - Vegetation around the building
  - Segregated pathways
  - Services
  - Service road
  - Waste disposal
  - Provision for future expansion
  - Orientation of the buildings
  - Entry exit of building

ST JOSEPH'S HOSPITAL, SYDNEY

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**SCHOOL OF ARCHITECTURE**

(CAMPUS 2)

**GO-GREEN  
INITIATIVE  
PROGRAMMES  
Lecture Series**

**Climate Change**

By

**Shivalinge Gowda**

Professor,  
SOA DSATM

Date: 22 July 2020  
Time: 11.00 AM - 12.00 PM  
Platform : Google Meet  
Please Join Using  
Meeting Code : utu-iwcq-jmi

CONVENERS :  
Dr. B.R.Lakshmikantha  
Principal DSATM

Prof. Gaddam D Ramesh  
Director, SOA DSATM

COORDINATOR :  
Bhavana Kulkarni - 8762337587  
Assistant Professor

Savita Mastiholi - 9886884909  
Assistant Professor

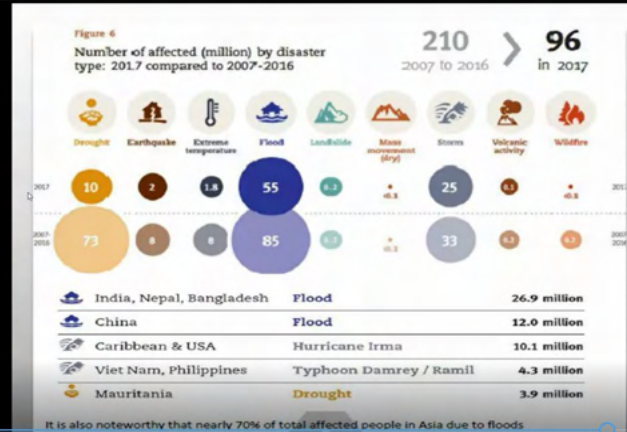


## Climate Change

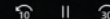
**Climate change** describes a **change** in the average conditions — such as temperature and rainfall — in a region over a long period of time. NASA scientists have observed Earth's surface is warming, and many of the warmest years on record have happened in the past 20 years.



As we all know, the earth has gone through warm and cool phases in the past, and long before humans were around. Forces that contribute to **climate change** include the sun's intensity, volcanic eruptions, and **changes** in naturally occurring greenhouse gas concentrations.



00:33:58



00:20:17



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SUSTAINABILITY

HEALTH  
CLIMATE CHANGE

FOOD  
AIR QUALITY

SCHOOL OF ARCHITECTURE  
(CAMPUS 2)

GO-GREEN INITIATIVE PROGRAMMES  
Lecture Series

# Water Efficient Landscape

By

**Anushruti**  
Assistant Professor,  
SOA DSATM

Date: 24 July 2020  
Time: 02.30 PM - 03.30 PM  
Platform : Google Meet  
Please Join Using  
Meeting Code : utu-iwqc-jmi

CONVENERS :  
Dr. B.R.LakshmiKantha  
Principal DSATM

Prof. Gaddam D Ramesh  
Director, SOA DSATM

COORDINATOR :  
Bhavana Kulkarni - 8762337587  
Assistant Professor

Savita Mastiholi - 9886884909  
Assistant Professor



# Water Efficient Landscape



Water conservation has turned into an essential practice in every part of the world. In addition, attractive, water-efficient & low-maintenance landscapes can make house sustainable. Through careful planning, landscapes can be designed to be both pleasing and kind to the environment, just, Appropriate plant selection, efficient irrigation & appropriate maintenance. Since each of us depends on water to sustain life, it is our responsibility to learn and keep our sources pure and safe for generations to come.

The screenshot shows a Google Meet interface with a presentation slide titled "Site Planning Strategies". The slide content includes:

- STEP 2. Planning and design**
  - Develop a site map showing existing or planned structures, topography, orientation, sun and wind exposure, use of space, and existing vegetation
  - Perform shadow profiles of building areas for each season.
  - Plan water use zones:**
    - High —Regular watering
    - Moderate —occasional watering
    - Low —natural rainfall
  - Plant turf grasses only for functional benefits such as
- STEP 3. Soil analysis and preparation**
  - Analyse soil in each zone
  - Amend soil accordingly

The slide also features a site map, a 3D architectural rendering of a building, and a soil analysis map of Karnataka, India.

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**SCHOOL OF ARCHITECTURE**  
(CAMPUS 2)

**GO-GREEN INITIATIVE PROGRAMMES**  
**Lecture Series**

**Sustainable Vernacular Architecture**  
By **Mamata Gonnagar**  
Professor,  
SOA DSATM

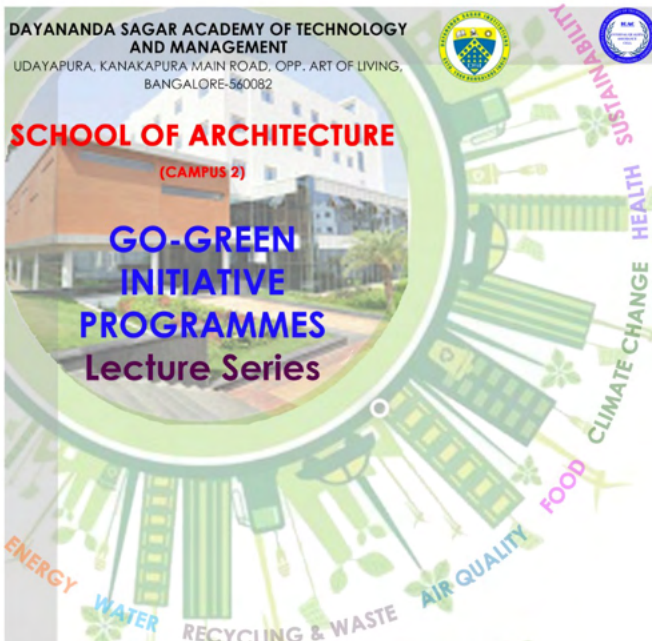
Date: 27 July 2020  
Time: 02.30 PM - 03.30 PM  
Platform : Google Meet  
Please Join Using  
Meeting Code : utu-iwqc-jmi

CONVENERS :  
Dr. B.R.Lakshmi kantha  
Principal DSATM

Prof. Gaddam D Ramesh  
Director, SOA DSATM

COORDINATOR :  
Bhavana Kulkarni - 8762337587  
Assistant Professor

Savita Mastiholi - 9886884909  
Assistant Professor



# Sustainable Vernacular Architecture



Vernacular architecture as comprising of the dwellings and all other buildings. It is related to their environmental contexts and available resources.

They utilize traditional technologies.

The vernacular architecture is built to meet the specific needs, accommodating the values, economies, and ways of life of the cultures that produce them. In the modern world, vernacular strategies need to be applied to modern architecture.

The screenshot shows a Google Meet interface with a presentation slide. The slide title is "About Vernacular Architecture." It features a diagram with a central box labeled "Permanent evolution" with an arrow pointing right. Below it, a box states "Vernacular architecture refers to the characteristic architecture of an identified place." This central box is surrounded by four other boxes: "Ancestral know-how", "Local materials", "Climate and environment", and "Culture and traditions". Below these boxes is a section labeled "Related concepts" which includes three images: a traditional thatched-roof house, a stone fort, and a modern building with a glass facade.

The meeting interface shows the presenter "mamata gonnagar" and a list of participants including Ar Savita Mastiholi, Ar Bhavana Kulkarni (You), Aisha Abdul Wahith, Alison Dsouza, Amogh H A, ANI JAIS, anu shruti, Anuradha HR, and Apama Oopinath.



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INITIATIVE  
PROGRAMMES  
Lecture Series

SUSTAINABILITY  
CLIMATE CHANGE HEALTH

ENERGY WATER RECYCLING & WASTE AIR QUALITY FOOD

## Heritage as a Sustainable Architecture

By  
**Shehzadi Farha Khan**

Assistant Professor,  
SOA DSATM

CONVENERS :  
Dr. B.R.Lakshminantha  
Principal DSATM

Prof. Gaddam D Ramesh  
Director, SOA DSATM

Date: 29 July 2020  
Time: 11.00 AM - 12.00 PM  
Platform : Google Meet  
Please Join Using  
Meeting Code : utu-iwcq-jmi

COORDINATOR :  
Bhavana Kulkarni - 8762337587  
Assistant Professor

Savita Mastiholi - 9886884909  
Assistant Professor



# Heritage Conservation as Sustainable Architecture



These structures are living library of our past, it becomes important for us to generate a sensitive outlook towards these structures.

Most of the buildings that we see around us today gives us a backdrop for our daily life. These more structures become our identity without us even realising it.

Hence it gets very important for us to show sensitive behaviour and acceptance towards these gifts from past.

meet.google.com/utu-iwcq-jmi?pli=1&authuser=3

REC shehzadi farha khan is presenting

Meeting details

People (51)

Add people

mamata gonnagar

Ar Savita Mastiholi

shehzadi farha khan

Ar Bhavana Kulkarni (You)

Adarsh Patil

adnan Shroff

Ananya Aravinda

ANI JAIS

anu shruti

Anupriya B S

Copy of Car Sales...jpg

Copy of basketball...jpg

Model 19.07.2020.skp

Architectural Plan...dwg

Show all

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SCHOOL OF ARCHITECTURE (CAMPUS 2)

GO-GREEN INITIATIVE PROGRAMMES Lecture Series

**Architecture Presentation Techniques**

By **Aparna Gopinath**  
 Assistant Professor, SOA DSATM

CONVENERS :  
 Dr. B.R.Lakshmikantha  
 Principal DSATM

COORDINATOR :  
 Bhavana Kulkarni - 8762337587  
 Assistant Professor

Savita Mastiholi - 9886884909  
 Assistant Professor

Date: 31 July 2020  
 Time: 11.00 AM - 12.00 PM  
 Platform : Google Meet  
 Please Join Using  
 Meeting Code : utu-iwcq-jmi



# Architecture Presentation Techniques



The main aim of the presentation is to make students familiar with various stages of design process starting from decoding the problem, having a clarity of thought, expressing their ideas and final product before their audience. Student has to go through certain stages or process to represent their understanding of the problem, to their evaluator or audience using the most effective visual and verbal presentation techniques.

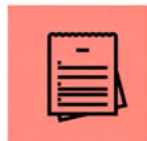
This presentation explores the process through which students can go through to come up with a crisp and clear design presentation.

## INGREDIANTS FOR A GOOD PRESENTATION

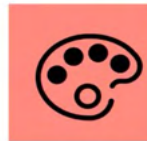


CLARITY OF THOUGHT

YOUR UNDERSTANDING



SCRIPT



DRAWING PALETTE

TRANSFERRING TO SHEET



STORY BOARD



Aparna Gopinath



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(CAMPUS 2)

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Lecture Series



## Art Appreciation

By  
**Shabbir Lehri**  
Associate Professor,  
SOA DSATM

Date: 03 August 2020  
Time: 11.00 AM - 12.00 PM  
Platform : Google Meet  
Please Join Using  
Meeting Code : utu-iwcq-jmi

CONVENERS :  
Dr. B.R.Lakshminantha  
Principal DSATM

Prof. Gaddam D Ramesh  
Director, SOA DSATM

COORDINATOR :  
Bhavana Kulkarni - 8762337587  
Assistant Professor

Savita Mastiholi - 9886884909  
Assistant Professor



# Art Appreciation



The term art encompasses a large variety of works, from paintings to sculptures, architecture to design, and in modern times, digital art. Everyone can appreciate and marvel at art, and being subjective in nature, different art forms appeal to different people.. Art appreciation also involves a deeper look into the setting and historical implication and background of the piece, a study of its origins.



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SCHOOL OF ARCHITECTURE (CAMPUS 2)

GO-GREEN INITIATIVE PROGRAMMES Lecture Series

ENERGY WATER RECYCLING & WASTE AIR QUALITY FOOD HEALTH CLIMATE CHANGE SUSTAINABILITY

# Application of DEWATS

(Decentralised Wastewater Treatment Systems)

By  
**Nisreen Ahmed**  
Assistant Professor,  
SOA DSATM

Date: 19 September 2020  
Time: 11.30 AM - 12.30 PM  
Platform : Google Meet  
Please Join Using  
Meeting Code : utu-iwcq-jmi

CONVENERS :  
Dr. B.R.Lakshminantha  
Principal DSATM

COORDINATOR :  
Bhavana Kulkarni - 8762337587  
Assistant Professor

Prof. Gaddam D Ramesh  
Director, SOA DSATM

Savita Mastiholi - 9886884909  
Assistant Professor



# Application of DEWATS



This lecture was about application of decentralized wastewater treatment systems in Indian class 1 and class 2 cities which are not able to meet the demand through centralised treatment systems. Dewats system is simple to install and operate with very low maintenance required. This lecture talks about understanding the national level policies and state level programs in sanitation which can help in upscaling the dewats. With case example of dhule city in Maharashtra this research work proposes policy incentives for the ULBs to promote dewats.

meet.google.com/utu-iwcq-jmi?pli=1&authuser=1

REC N Nisreen Ahmed is presenting

Meeting details Meeting details X

People (33) Chat

Add people

Ar Bhavana Kulkarni (You)

akshatha c s

Akshatha N S

Ananya Aravinda

ANIKET JAISWAL

Anu Shruti

Ar Mamatha N

Ar. Aparna Gopinath

Chalthanya krishna

“Clean water & sanitation are not only about hygiene & disease; they’re about dignity, too...”  
Prince Willem Alexander of the Netherlands  
Chair of the UN Secretary General Advisory Board on Water and Sanitation.

## Structure of the Presentation

- Waste water scenario in India
- Establishing the need
- Centralised Vs Decentralised
- About Dewats
- National level Review
- State level Review
- City selection process

Meeting details Meeting details ^

Turn on captions Nisreen Ahmed is presenting



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SCHOOL OF ARCHITECTURE

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GO-GREEN INITIATIVE PROGRAMMES  
Lecture Series

ENERGY WATER RECYCLING & WASTE AIR QUALITY FOOD CLIMATE CHANGE HEALTH SUSTAINABILITY

## Alternative Low Cost Building Materials- Part 1

By  
**Radha Dhawad**

Assistant Professor,  
SOA DSATM

Date: 26 September 2020  
Time: 11.30 AM - 12.30 PM  
Platform : Google Meet  
Please Join Using  
Meeting Code : utu-iwcq-jmi

CONVENERS :  
Dr. B.R.Lakshminantha  
Principal DSATM

Prof. Gaddam D Ramesh  
Director, SOA DSATM

COORDINATOR :  
Bhavana Kulkarni - 8762337587  
Assistant Professor

Savita Mastiholi - 9886884909  
Assistant Professor



# Alternative Low Cost Building Materials-Part 1



Since economical factors have influenced the construction industry dramatically in recent years and in many parts of the world steel is scarce and expensive, low-cost materials as a substitute or alternative for the present situation. Recently, various materials have shown promise for future use as a major construction material. The purpose of this paper is to highlight alternative low-cost building materials for possible use in low-cost housing

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(CAMPUS 2)

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**Lecture Series**

**Alternative Low Cost Building Materials- Part 2**

By  
**Vidya**  
 Assistant Professor,  
 SOA DSATM

Date: 10 October 2020  
 Time: 11.30 AM - 12.30 PM  
 Platform : Google Meet  
 Please Join Using  
 Meeting Code : utu-iwcc-jmi

CONVENERS :  
 Dr. B.R.Lakshminantha  
 Principal DSATM

Prof. Gaddam D Ramesh  
 Director, SOA DSATM

COORDINATOR :  
 Bhavana Kulkarni - 8762337587  
 Assistant Professor

Savita Mastiholi - 9886884909  
 Assistant Professor



# Alternative Low Cost Building Materials-Part 2



Since economical factors have influenced the construction industry dramatically in recent years and in many parts of the world steel is scarce and expensive, low-cost materials as a substitute or alternative for the present situation. Recently, various materials have shown promise for future use as a major construction material. The purpose of this paper is to highlight alternative low-cost building materials for possible use in low-cost housing

The screenshot shows a Google Meet interface with a presentation slide. The slide title is "ALTERNATIVE LOW COST BUILDING MATERIALS". The content on the slide is under the heading "SUMMARY AND CONCLUSIONS" and lists several points:

- Using modern geotechnical technology which can improve the strength and durability of much of the existing low-cost material should be encouraged.
- In this study, alternate construction materials were studied and the potential of these materials to be used as alternate building materials is brought out.
- Depending on the availability of the materials in a particular region, these materials can be selected as transportation consists of approximately 30% of total construction budget.
- In most developing countries, the challenge is to organize and initiate measures that promote these materials as well as train local artisans and masons in the construction techniques involving these materials.
- There have been several attempts at local levels to make use of bamboo, mud or natural fibers but it still lacks scientific precisions and proper techniques to be used precisely. Also the usage of industrial wastes still needs study on their better usage toxicity.
- These materials if studied and developed properly hold the key to address the current housing needs also.

The meeting interface shows "Ar. Vidya is presenting" and a list of participants including Ar. Bhavana Kulkarni (You), Adarsh Patil, Ananya Aravinda, Ankita Muttanna, anu shruti, Ar Akshatha N S, and Ar. Aparna Gopinath.



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PROGRAMMES  
Lecture Series**

**ENERGY WATER RECYCLING & WASTE AIR QUALITY FOOD**

**SUSTAINABILITY  
HEALTH  
CLIMATE CHANGE**

## Green Buildings

By  
**Likitha D**  
Associate Professor,  
SOA DSATM

**Date:** 06 February 2021  
**Time:** 02.00 PM - 03.00 PM  
**Platform:** Google Meet  
**Please Join Using  
Meeting Code:** syg-psfy-ezi

**CONVENERS:**  
Dr. B.R.Lakshminantha  
Principal DSATM

Prof. Gaddam D Ramesh  
Director, SOA DSATM

**COORDINATOR:**

Savita Mastiholi - 9886884909  
Assistant Professor



## Green Buildings



Why and what are green buildings. Importance to look in passive design strategies in every design we do. Explained the above mentioned elements through few successfully designed and working buildings.

The screenshot shows a Google Meet interface with a presentation slide. The slide title is "GREEN BUILDINGS PASSIVE ENERGY STRATEGIES". The presenter is Ar.Likitha Devineni. The slide content includes a section titled "GREEN BUILDING Other Projects:" with four images of buildings: ITC Green Centre, Gurgaon; Wipro Technologies, Gurgaon; Infosys, Hyderabad; and Volvo-Eicher corporate headquarters, Gurgaon. The bottom of the slide shows "Slide 22 of 23" and "English (United States)".



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Lecture Series



## Sustainability in a new perspective

By  
**Praseetha**  
Associate Professor,  
SOA DSATM

Date: 08 May 2021  
Time: 11.30 AM - 12.30 PM  
Platform : Google Meet  
Please Join Using  
Meeting Code : ord-dpqk-vsu

COORDINATOR :

Anushruthi - 9632783866  
Savita Mastiholi - 9886884909  
Vidya R - 9632860033

CONVENERS :  
Dr. B.R.Lakshmiikantha  
Principal DSATM

Prof. Gaddam D Ramesh  
Director, SOA DSATM



## Sustainability in a new perspective



All definitions of sustainable development requires that we see the world as a system , a system that connects space; a system that connects time; and quality of life as a system . whenever we have designed a very eco-friendly product, we cannot claim that it is very sustainable until and unless we work it along the entire system .

meet.google.com/ord-dpqk-vsu?pli=1&authuser=3

Praseetha Chittybabu is presenting

### Design for Sustainability Approaches – Transition Paths, Strategy and Challenges

#### SUSTAINABLE AGRICULTURE

## ORGANIC VS CONVENTIONAL FARMING


Meeting details

People (62)


- Susha Hegde
- Sushrith S Nayak
- Vaishnavi K.M
- vamsi krishna
- vidya ramesh
- Vidya Vijay
- Vineeta Ethel
- YASHAS PATTANASHE...
- Yogini Anbanandan
- Yukthi Rai

Meeting details ^

Praseetha Chittybabu is presenting




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**SCHOOL OF ARCHITECTURE**  
(CAMPUS 2)

**GO-GREEN INITIATIVE PROGRAMMES**  
**Lecture Series**



**Enchanting Courtyards**

By  
**Roopa A**  
Associate Professor,  
SOA DSATM

**Date: 22 May 2021**  
**Time: 12.00 PM - 01.00 PM**  
**Platform : Google Meet**  
**Please Join Using**  
**Meeting Code :ord-dpqk-vsu**

**COORDINATOR :**

Anushruthi - 9632783866  
Savita Mastiholi - 9886884909  
Vidya R - 9632860033

**CONVENERS :**  
Dr. B.R.Lakshminantha  
Principal DSATM

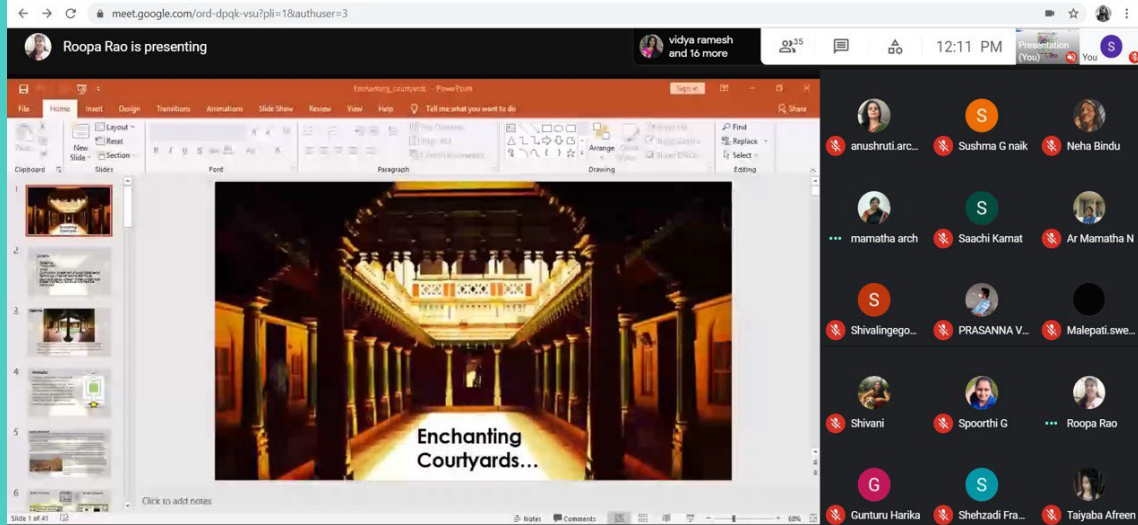
Prof. Gaddam D Ramesh  
Director, SOA DSATM



# Enchanting Courtyards



Courtyards in Architecture function as a unique way to bring in the nature into the buildings: with natural light, air, openness, etc., making the structure sustainable by reducing the need for mechanical devices for thermal comfort. Courtyards are also sustainable in terms of varied usages, configurations and flexibility. Courtyards also brings in character to the ambient spaces. To summarize, benefits of courtyard are psycho-social, cultural, religious, economic, climatic and architectural & hence a holistic design approach regarding consideration of environmental requirements.



meet.google.com/ord-dpqk-vsu?pli=1&authuser=3

Roopa Rao is presenting

vidya ramesh and 16 more

12:11 PM

Enchanting Courtyards - PowerPoint

File Home Insert Design Transitions Animations Slide Show Review View Help Tell me what you want to do

Clipboard Slides Font Paragraph Drawing Find

1 Enchanting Courtyards

2

3

4

5

6

Click to add notes

Enchanting Courtyards...

anushruti arc... Sushma G naik Neha Bindu

mamatha arch Saachi Kamat Ar Mamatha N

Shivalingego... PRASANNA V... Malepati.swe...

Shivani Spoothi G Roopa Rao

Gunturu Harika Shehzadi Fra... Taiyaba Aftreen



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(CAMPUS 2)

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PROGRAMMES**  
Lecture Series



**Agro Industrial Park-**  
**Engines of Economy in a Sustainable way**

By  
**Anuradha H R**  
Assistant Professor,  
SOA DSATM

Date: 19 June 2021  
Time: 11.30 AM - 12.30 PM  
Platform : Google Meet  
Please Join Using  
Meeting Code : cih-yjxr-yyq

COORDINATOR :

Anushruti - 9632783866  
Savita Mastiholi - 9886884909  
Vidya R - 9632860033

CONVENERS :  
Dr. B.R.LakshmiKantha  
Principal DSATM

Prof. Gaddam D Ramesh  
Director, SOA DSATM



# Agro Industrial Park



Agro-Industrial Parks harness the potentiality of the available agrarian resource of a region and catalyses development in a sustainable way . The setting up of Agro Industrial Park creates employment opportunities, educational and research facilities in context to the available potential of resources, boosts infrastructure development of the town. These developments impact on both economic and socio-cultural change in the livelihood of people. The multiplier effect of Industrialization also encourages hospitality sector, thus encouraging tourism. Apart from the development of the town, the farmer from the neighbouring villages also enjoys food and financial security by the creation of backward linkages which stabilizes their economy.

REC Ar Anuradha H R is presenting

Research Presentation - Adobe Acrobat Reader DC (32-bit)

Home Tools Synopsi... Anuradh... PowerPoint Present...

**AGRO-INDUSTRIAL PARK**

**BACKGROUND STUDY**

- Agriculture plays a very important role in India's economy
- It is the seventh largest agricultural products exporter world wide.

**Income-employment mismatch in agriculture continues to persist**

India is the second largest producer of food in the world.

Agriculture is the primary occupation of about 54% of the nation's total work force.

Source: <https://www.tandfonline.com>

The main reason for the agricultural sector's low contribution to the economy, though predominantly the other sector in employment is its vast per hectare low

11:42 AM | cih-yjxr-yyq

11:42 AM | 26°C Mostly cloudy | 19-06-2021

# FACULTY DEVELOPMENT PROGRAM

**1.GREEN BEING  
SMART- 5<sup>TH</sup>-12<sup>TH</sup>  
APRIL-2021**




**2.GO GREEN DESIGN  
THINKING (7-DAYS)-  
6<sup>TH</sup>-13<sup>TH</sup> AUG 2020**



- SOA DSATM Conducted a 7 Day Online FDP on “**Green being Smart**“ from 6<sup>th</sup> August to 13<sup>th</sup> August under the Guidance of Director. Gaddam .D.Ram esh,Co-ordinators: Ar.Mam ata Gonnagar and Ar. Likhitha.

# GO GREEN INITIATIVES-FDP 1

## GREEN “BEING” SMART

	<b>Ar. VIJAY NARNAPATTI</b> Urbanist And Design Educator Director & Design Principal, maya PRAXIS, Bangalore Prof. & Founding member, School of Architecture, Christ Bangalore	<b>DAY 01 – 5<sup>th</sup> APRIL 2021.</b> <b>TOPIC – Wide Angle/Narrow Focus – The Lens of appropriate Design</b>
	<b>Er. VIVEK GILANI</b> Founder-cBalance Solutions Hub, Pune Co-Creator-Fairconditioning Foundation. Environmental Engineer.	<b>DAY 02 – 6<sup>th</sup> APRIL 2021.</b> <b>TOPIC – Integrating the 'fair' way of cooling buildings in the undergraduate architecture curriculum of VTU.</b>
	<b>Prof. PARISUTHA RAJAN</b> Principal, MIDAS ( MARG Institute of Design and Architecture Swarnabhoomi), Chennai	<b>DAY 03 – 7<sup>th</sup> APRIL 2021.</b> <b>TOPIC - Blue in the new green</b>
	<b>Ar. KAVITA MURUGKAR</b> Practicing Architect & Academician, Professor, Dr B N College of Architecture, Pune.	<b>DAY 04 – 8<sup>th</sup> APRIL 2021.</b> <b>TOPIC - Air quality: key to healthy buildings</b>
	<b>Er. S. VISHWANATH</b> Director, Biome Environmental Solutions Pvt. Ltd. Civil Engineer, Academician & Water activist	<b>DAY 05 – 9<sup>th</sup> APRIL 2021.</b> <b>TOPIC - Designing for water in a resource scarce world</b>
	<b>Ar. ARUN SWAMINATHAN</b> Architect & Academician Professor - Design Chair at RV College of Architecture, Bangalore.	<b>DAY 06 – 10<sup>th</sup> APRIL 2021.</b> <b>TOPIC - Integrated approach to design learning.</b>
	<b>Ar. LAKSHMI PRASAD</b> Digital Transformation Strategist, BIMCrew Founder & Chairman, Samrudh Active Member, India BIM Association	<b>DAY 07 – 12<sup>th</sup> APRIL 2021.</b> <b>TOPIC - BIM - For Digital Transformation.</b>


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 Udayapura, Kanakapura Road, Opp: Art of Living, Bangalore – 560082

**SCHOOL OF ARCHITECTURE (CAMPUS-2)**  
**7 DAYS E-Faculty Development Program on**  
**GREEN “BEING” SMART**  
 5<sup>th</sup> – 12<sup>th</sup> APRIL 2021, From 11:00AM to 01:00PM

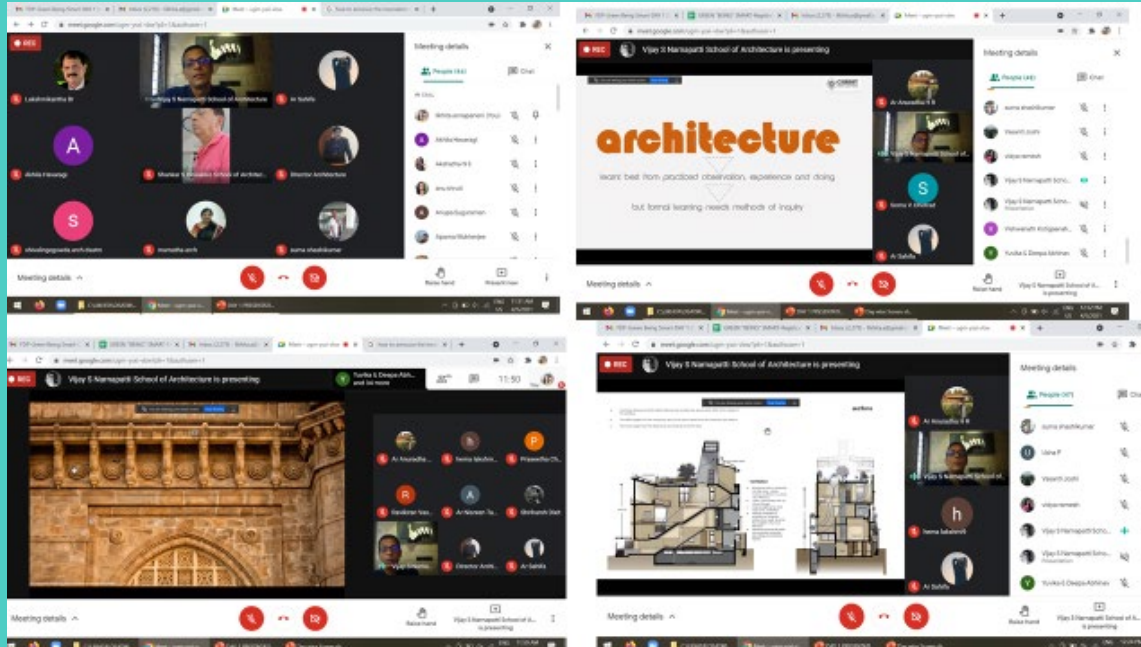
Green Being Smart buildings are also termed as intelligent buildings, they are responsive to the requirements of occupants, organizations and society. These are sustainable in terms of energy and water consumptions besides being low polluting in terms of emissions and waste, healthy in terms of well-being for the people living and working within it and functional according to the user needs. This is the much-needed change in today's architectural design process, which should be developed through the active and passive design principles along with automated processes which control all sorts of building's operations like: Security, Lighting, Air conditioning, Heating, Ventilation, etc. making use of natural light and air along with sensors, actuators, and microchips to manage everything.

The intent of this FDP is to provide an overview on this dynamic and responsive architecture that provides every occupant with productive, cost effective and environmentally conducive conditions through continuous interaction among its basic elements: Efficiency (Structural, Energy, Water, Material, Indoor environment quality & Waste management), processes (automation, control, systems), people (services, users) and management (operation, maintenance, performance) and the interrelation between them.

P R E A M B L E		<b>Ar. VIJAY NARNAPATTI</b> Urbanist And Design Educator Director & Design Principal, maya PRAXIS, Bangalore Prof. & Founding member, School of Architecture, Christ Bangalore	<b>DAY 01 – 5<sup>th</sup> APRIL 2021.</b> <b>TOPIC – Wide Angle/Narrow Focus – The Lens of appropriate Design</b>
		<b>Er. VIVEK GILANI</b> Founder-cBalance Solutions Hub, Pune Co-Creator-Fairconditioning Foundation. Environmental Engineer.	<b>DAY 02 – 6<sup>th</sup> APRIL 2021.</b> <b>TOPIC – Integrating the 'fair' way of cooling buildings in the undergraduate architecture curriculum of VTU.</b>
		<b>Prof. PARISUTHA RAJAN</b> Principal, MIDAS ( MARG Institute of Design and Architecture Swarnabhoomi), Chennai	<b>DAY 03 – 7<sup>th</sup> APRIL 2021.</b> <b>TOPIC - Blue in the new green</b>
		<b>Ar. KAVITA MURUGKAR</b> Practicing Architect & Academician, Professor, Dr B N College of Architecture, Pune.	<b>DAY 04 – 8<sup>th</sup> APRIL 2021.</b> <b>TOPIC - Air quality: key to healthy buildings</b>
		<b>Er. S. VISHWANATH</b> Director, Biome Environmental Solutions Pvt. Ltd. Civil Engineer, Academician & Water activist	<b>DAY 05 – 9<sup>th</sup> APRIL 2021.</b> <b>TOPIC - Designing for water in a resource scarce world</b>
		<b>Ar. ARUN SWAMINATHAN</b> Architect & Academician Professor - Design Chair at RV College of Architecture, Bangalore.	<b>DAY 06 – 10<sup>th</sup> APRIL 2021.</b> <b>TOPIC - Integrated approach to design learning.</b>
		<b>Ar. LAKSHMI PRASAD</b> Digital Transformation Strategist, BIMCrew Founder & Chairman, Samrudh Active Member, India BIM Association	<b>DAY 07 – 12<sup>th</sup> APRIL 2021.</b> <b>TOPIC - BIM - For Digital Transformation.</b>
E M I N E N T S P E A K E R S	<b>COORDINATORS:</b>		
	<ul style="list-style-type: none"> <li>- Dr. B.R.Lakshmi Kantha, Principal-DSATM, Professor, +91-9845629936, mamatagonnagar@gmail.com</li> <li>- Ar. Mamata Gonnagar,</li> <li>- Dr. Nandini C, Vice Principal-DSATM, mamatagonnagar@gmail.com</li> <li>- Ar. Likhita Devineni,</li> <li>- Dr. Sumithra Devi, Associate Professor, +91-9738908285, likhita_a@gmail.com</li> <li>- Prof. Gaddam D Ramesh, Director, SOA-DSATM</li> </ul>		
<b>Free Registration for the Webinar.</b>			
<a href="https://forms.gle/CW7Z4V3ktBrWQix7">Registration Link: https://forms.gle/CW7Z4V3ktBrWQix7</a>			
<b>GOOGLE MEET Link:</b> <a href="https://meet.google.com/ugm-ysi-ybw">https://meet.google.com/ugm-ysi-ybw</a>			

# GREEN “BEING” SMART

## DAY-1



DAYANANDA SAGAR ACADEMY OF TECHNOLOGY & MANAGEMENT  
Udayapura, Kanakapura Road, Opp: Art of Living, Bangalore – 560082



SCHOOL OF ARCHITECTURE  
E-Faculty Development Programme on  
**GREEN BEING SMART**

TOPIC: WIDE ANGLE/NARROW FOCUS – THE LENS OF APPROPRIATE DESIGN

DAY 01: 05<sup>th</sup> April 2021

Timings: 11:00am to 1:00pm

Platform: Google Meet (<https://meet.google.com/ugm-yxsi-uvbw>)

REESOURCE PERSON: AR. VIJAY NARNAPATTI



Mr. Vijay Sambasivam Narnapatti, is an architect, urbanist and design educator based in Bangalore. Ar. Vijay received his Bachelor's degree in Architecture from School of Planning and Architecture New Delhi in 1992 and a Master of Science in History and Theory of architecture from the School of Design Architecture Art and Planning at the University of Cincinnati [USA] in 1997.

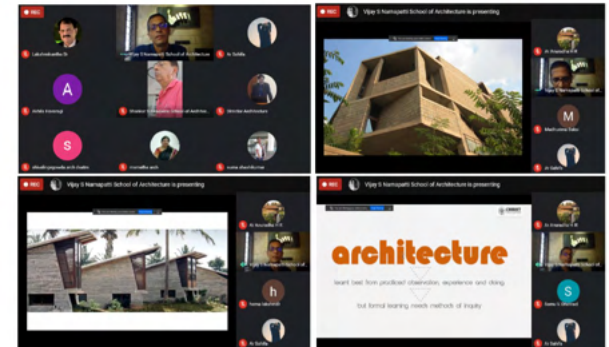
Ar. Vijay is the founder of Maya PRAXIS design+architecture firm with his partner Dimple Mittal in 2001. Maya PRAXIS has won several awards and international recognition for its architectural design work. In 2012, Maya PRAXIS was featured as one of the Practices of Consequence by the Indian Architect and Builder and one of the Emerging Practices of India by Arch Daily. He is the Founding Faculty and Professor of School of Architecture, Christ University (deemed), Bengaluru.

Ar. Vijay has lectured around the country in various events, been an organizer, panelist and moderator. He is also part of research and interest groups that look into aspects of urbanism in the context of Bangalore. He has also penned many articles and papers.

Key contents of the Topic:

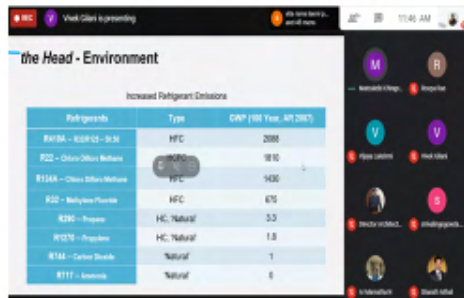
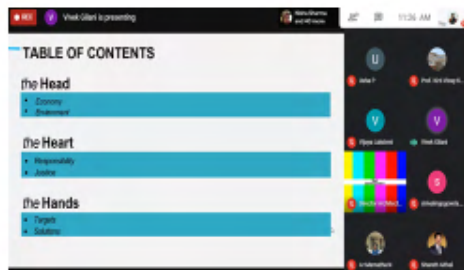
- Complexities of eventual activities being embedded in natural design perspective.
- Self sustainability of resources from site itself, Knowledge and Skills essential to reuse the scrap.
- Analyze the design & use of composite materials.
- Considering culture, materials, structure, crafts, industry & economics in design process.

This webinar session was very informative and interactive on projects designed with green concepts with 53 participants from colleges of Architecture and practicing Architects from pan India.



# GREEN “BEING” SMART

## DAY-2



DAYANANDA SAGAR ACADEMY OF TECHNOLOGY & MANAGEMENT  
Udayapura, Kanakapura Road, Opp: Art of Living, Bangalore – 560082



## SCHOOL OF ARCHITECTURE E-Faculty Development Programme on GREEN BEING SMART

TOPIC: INTEGRATING THE 'FAIR' WAY OF COOLING BUILDINGS IN  
THE UNDERGRADUATE ARCHITECTURE CURRICULUM.

DAY 02: 06<sup>th</sup> April 2021

Timings: 11:00am to 1:00pm

Platform: Google Meet (<https://meet.google.com/ugm-ysxi-uvbw>)

REESOURCE PERSONS: Mr. Vivek Gilani & Ms. Matouleibi Chingsubam



Mr. Vivek Gilani, Managing Director & Executive Board Member Director of Strategy, Energy Services, Ecolabelling Services, Sustainability Consulting, Research & IT Products, and Carbon ERP, is an Ashoka Fellow. An Environmental Engineer (MS Environmental Engineering, University of Massachusetts) with expertise in Water, Wastewater Treatment and GHG Inventorying, and Energy Auditing/Analytics. A Bureau of Energy Efficiency (India) Certified Energy Auditor. Co-founder of India's first Carbon-Footprint-Calculation and Reduction movement – the NO2CO2 project, Developer of India-specific Carbon ERP Tools and GHG Emission Factor Databases under the Climatesonics Platform, Co-Founder and Member of the Steering Committee for the First Ecolabelling Program in India – The Green Signal.

Ms. Matouleibi Chingsubam, Project Manager of cbalance, who holds a Masters of Environmental Science from Bharati Vidyapeeth Institute of Environment Education and Research (BVEER), Pune. She worked extensively in facilitating and implementing sustainable strategies of Indian green building frameworks such as Indian Green Building Council (IGBC) and Green Rating for Integrated Habitat Assessment. She also interned with global's leading think tank, World Resources Institute (WRI), creating tools to track emissions and identifying hot – spot from the supply chain of renewable energy deployment project.



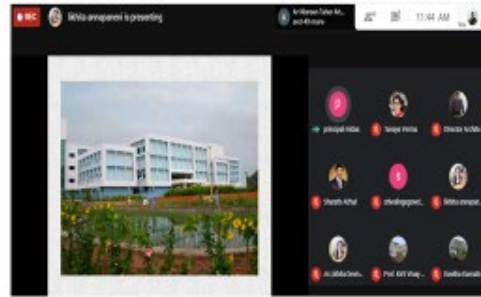
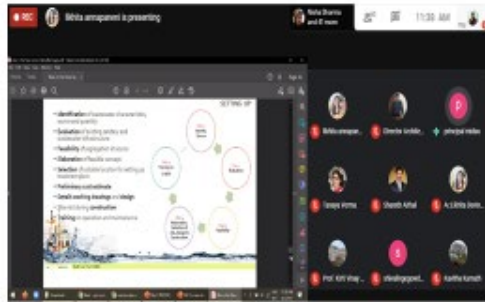
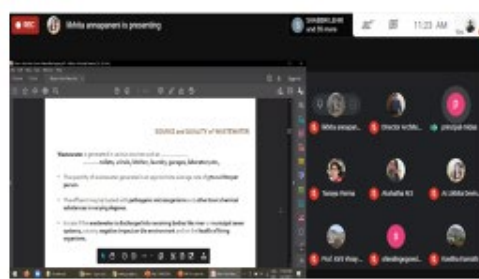
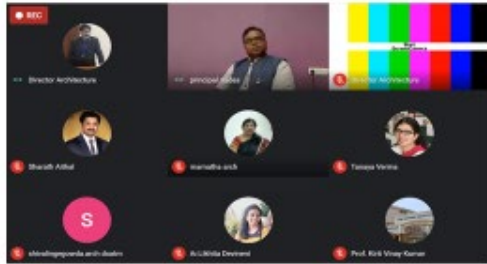
### Key contents of the Topic:

- Carbon emission control, Sustainable design principles.
- Requirement of adding electives subjects to educate students on the importance of sustainable design.
- Revolution to be started on energy conservation at academic stage.

This session was very insightful from academic view, as the resource persons highlighted the teaching methods on Energy and Environment conservation within the curriculum. It is been an interactive session with 62 participants from colleges of Architecture and practicing Architects from pan India.

## GREEN “BEING” SMART

### DAY-3



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SCHOOL OF ARCHITECTURE  
E-Faculty Development Programme on  
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**TOPIC: BLUE IN THE NEW GREEN**

**DAY 03: 07<sup>th</sup> April 2021**

**Timings: 11:00am to 1:00pm**

**Platform: Google Meet (<https://meet.google.com/ugm-ysxi-uvbw>)**

**REESOURCE PERSONS: Prof.PARISUTHA RAJAN**



Mr.Parisutha Rajan, a Landscape Architect, BLUE+GREEN design practice and academia for the past two and a half decades. Born and brought up in PONDICHERRY. Alumni of BVBCET, Hubli (present KLE Tech University) School of Planning and Architecture, New Delhi, India and IHS, Erasmus University, Rotterdam, The Netherlands.

A long professional association with erstwhile AUROSERVICE D'AUROVILLE in PONDICHERRY from 1992, established own practice under the style ECOTONE in 2000 with parallel academic activities. Presently as Professor and Principal, MARG Institute of Design and Architecture Swarnabhoomi (MIDAS), Chennai. Doctoral research scholar and visiting Professor, Master of Landscape Architecture program at School of Planning and Architecture, Vijayawada and other schools in Tamil Nadu and Karnataka State.

**Key contents of the Topic:**

- Water sensitive urban design strategies
- Decentralized waste water treatment system
- Treatment module & function by removing pathogens, contaminants to reverse & further reuse of the water.

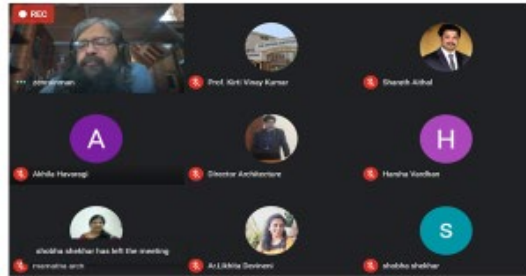
This session was very informative, through which the resource person highlighted on importance of water conservation in projects through maintenance by not disturbing the underground water table levels. He explained the points through sighting few successfully running projects with these methods. It is been an interactive session with 55 participants from colleges of Architecture and practicing Architects from pan India.



# GO GREEN INITIATIVES-FDP 1

# GREEN “BEING” SMART

## DAY-5



zenrainman is presenting

### The new rainwater harvesting bye-law

- For every plot creator recharge or storage
  - @ 60 litres per square metre of roof area
  - @ 82 litres per square metre of paved area
- Minimum depth of recharge wells: 3 metres

CITY	CMPS	MINIMUM DEPTH
JAN	0.2	3.00
FIN	0.5	1.20
MAH	0.4	4.40
MUM	2.0	48.30
RAJ	1.2	118.80
DEL	0.4	30.40
AA	0.5	110.20
AND	0.5	111.00
MP	0.5	104.80
GUJ	0.0	190.40
WV	4.0	64.50
KA	1.1	21.70
KL	0.4	610.00

zenrainman is presenting

### The stories in the media

- The 11 cities most likely to run out of drinking water - like Cape Town —Sao Paulo , **Bangalore** ( BBC 11 Feb. 2018)
- Bangalore, Hyderabad to run out of groundwater by 2020 says Niti Aayog ( a Think Tank ).
- By 2020, 21 major cities, including Delhi, **Bangalore**, and Hyderabad, are expected to reach zero groundwater levels, affecting access for 100 million people, says the report. (The News Minute – June 17 2018)

zenrainman is presenting

### Raghu Rai's classic photograph



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SCHOOL OF ARCHITECTURE  
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**GREEN BEING SMART**

TOPIC: DESIGNING FOR WATER IN A RESOURCE SCARCE WORLD  
DAY 05: 09<sup>th</sup> April 2021

Timings: 11:00am to 1:00pm

Platform: Google Meet (<https://meet.google.com/ugm-ysxi-uvbw>)

REESOURCE PERSONS: **Er. S. VISHWANATH**

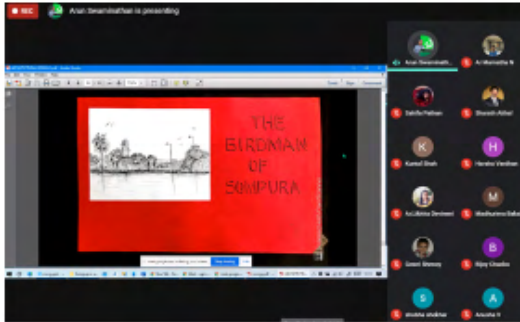
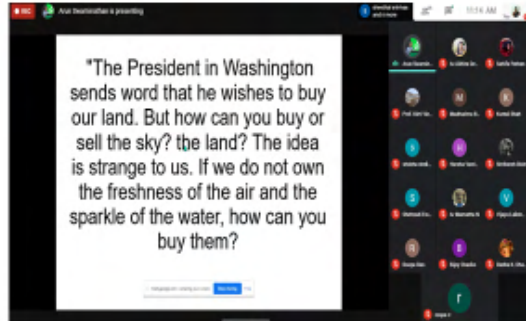
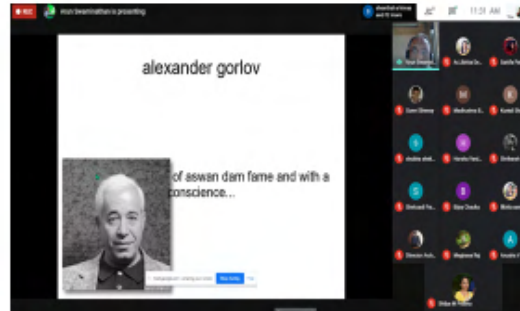
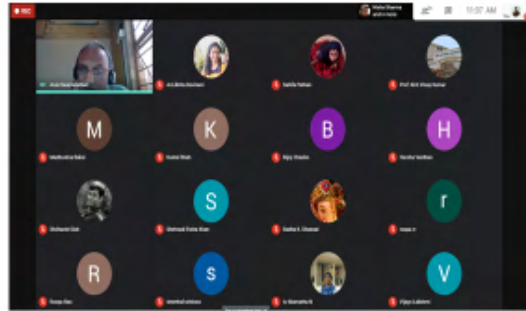
Mr. S. Vishwanath, who is a civil engineer, who is popularly known as **Zenrainman**.

He got his bachelor degree in civil engineering from national institute of engineering, Mysore university and masters in urban and regional planning, from CEPT Ahmedabad. He also got post graduate diploma in urban environmental management, from Rotterdam, the Netherlands. He is the director of Biome Environmental Solutions Pvt. Ltd- A design firm for Earth Architecture and sustainable water and energy design along with his wife a well-known architect Chitra Vishwanath. He is an Ex-Secretary General of International Rainwater Catchment Systems Association - A global organization of rainwater academics and professionals since 26 years. He has 33 years of experience in the urban, waste-water and sanitation sector helping design rainwater harvesting, aquifer recharge, wastewater recycling and ecosan systems. He started a small group called the rainwater club in 1995, one of the first websites in the country to disseminate information on rainwater harvesting. It won the Namma Bengaluru Foundation award in 2009. He has been part of the expert committee which helped formulate the rainwater harvesting policy for bangaluru, the waste-water policy for karnataka and the water policy for karnataka being drafted by the karnataka knowledge commission.

Mr. Vishwanath is a columnist for the hindu, who writes weekly column called waterwise, about water preservation for the last 12 years. He got several awards including Bagirath prayas Samman S, for his work on the revival of River Arkavathy and his unrelenting efforts to engage and educate common citizens, students and the government on groundwater recharge and rainwater harvesting.

**Key contents of the Topic:**

- Understanding of water table, the strategies to improve and sustain its levels.
  - Elements to be considered during Design process, construction and maintainance.
- This session was very informative, as the resource person highlighted on rain water conservation in site level of a project, methods to be followed to increase the ground water table and how important it is in today's scenario. It is been an interactive session with 46 participants from colleges of Architecture and practicing Architects from pan India.



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SCHOOL OF ARCHITECTURE  
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GREEN BEING SMART

TOPIC: INTEGRATED APPROACH TO DESIGN LEARNING.

DAY 06: 10<sup>th</sup> April 2021

Timings: 11:00am to 1:00pm

Platform: Google Meet (<https://meet.google.com/ugm-ysxi-uvbw>)

REESOURCE PERSONS: Ar. ARUN SWAMINATHAN



Ar. Arun Swaminathan, who is presently a Professor - Design Chair at RV College Of Architecture, he also shared his knowledge as a visiting Faculty in many colleges like SIT-Tumkur, SOA-DSATM, SJBSAP, ACHARYA School of Architecture of Bangalore, School of Design, Mysore & Centre For Design, Jain University, Member - Board of Studies at BVB College of Engg. and Jain University. He Graduated from the School of Architecture (CEPT),Ahmedabad. As a Practicing Architect many of his built projects were Cost-Effective Constructions. His research is on Self-generated alternative products, lightweight structures and their teaching methods and their application to Disaster Relief Shelters, aviation design concepts, pre-independence Indian Socio-Cultural history all with an aim to find solutions to local design problems/issues in today's context. Preparation of user-friendly concept oriented Student Manuals(using Cartoons, Stories, Games and Projects).

Ar. Arun Swaminathan has lectured around the country in various events, been a key note speaker, jury member, panelist, conducted hand-on structures workshops and workshop on creativity and design. He has also penned many articles and papers.

**Key contents of the Topic:**

- Changes from Stone to electronic age
- Coordination of environment, Design process, policies etc to form a healthy living spaces.
- Importance of Reuse of materials

This session was very informative, as the resource person highlighted on observation of the changes in the environment, design process, material usage from ages, how it effected our living conditions and how to over come these through certain small steps by everyone as Architects. It is been an interactive session with 40 participants from colleges of Architecture and practicing Architects from pan India.

# GREEN “BEING” SMART

## DAY-7

REC | Lakshmi Prasad YC is presenting

### Contents

- Motivation
- Evolution – 1967, 1986, 1996, 2006
- Present context
- Introduction to BIM
- Methodology
- Conclusion

Participants: Lakshmi Prasad YC, Binay Sooda, Shreshth Arhwal

REC | Lakshmi Prasad YC is presenting

### Various levels of inputs into BIM

- Data collection
- Site condition with its surroundings
- Client's requirement
- Architects input
- Structural engineer and MEP
- Interior and landscaping expert
- Sustainability factors
- Life cycle analysis
- Scheduling of the project
- Teaming process and appointment of contractors
- Facility management CD
- Training the maintenance

Participants: Lakshmi Prasad YC, Binay Sooda, Shreshth Arhwal

REC | Lakshmi Prasad YC is presenting

Special thanks to  
**Ar. Harshavardhan & Dayananda Sagar Institutions**

Participants: Harsha Venkatesh, Zarifa Pathan, Shreshth Arhwal, Shreshth Pathan

REC | Lakshmi Prasad YC is presenting

Dr. AMANATH CB  
Head-IM Strategy, Design & Innovation

Special thanks to  
**Dr. Amarnath**

Participants: Dr. Amarnath CB, Shreshth Arhwal, Zarifa Pathan, Shreshth Pathan



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SCHOOL OF ARCHITECTURE  
E-Faculty Development Programme on  
**GREEN BEING SMART**



TOPIC: BIM - FOR DIGITAL TRANSFORMATION

DAY 07: 126<sup>th</sup> April 2021

Timings: 11:00am to 1:00pm

Platform: Google Meet (<https://meet.google.com/ugm-ysxi-uvbw>)

REESOURCE PERSONS: Ar. LAKSHMI PRASAD & Ar. HARSHAVARDHAN J

Mr. Lakshmi Prasad is a Practicing Architect and Interior Designer with 35 years of experience in the field. Along with Architecture he has many multi-disciplinary degrees. He worked as Design Manager on projects like Emirates Financial Tower Dubai, Etihad Towers, Abu Dhabi U.A.E for Pro-Bel Enterprises Ltd. Abu Dhabi. Currently is he the Design Manager at M/s Samrudh Architects and interior Designers. He worked on Projects of 12 towns within Karnataka on Integrated Development of Small and Medium Towns and around 09 towns on Urban Infrastructure Development Scheme for small and medium towns-under Directorate of Municipal Administration. He also worked on Projects of Housing schemes for Karnataka Housing Board, Industrial development schemes for the Karnataka Industrial Area Development Board, Various Auditorium Interiors, Institutional Campuses, Housing projects for Mysore urban Development Authority, Crematoria at Banashankari and Bommanahalli.



Mr. Harshavardhan Jatkar is a Practicing Architect, Interior Designer, Govt. approved Valuer with 35 years of experience in the field. He graduated Architecture in 1967 from Sir J.J. College of Architecture. Has completed more than 2000 projects till date across various places in Karnataka. As an Architect His design motive is always been in designing the living spaces with a focus on the physical and psychological well-being and improved quality of life of the people occupying them. He worked as a Visiting Faculty in various colleges across Karnataka for 20 years, he believes strongly in building the potential of the future architects and the need to provide them a direction to undertake a value-based professional practice, he always assumed the role of a facilitator while teaching.

Key contents of the Topic:

- Building Information modelling, its importance in using this software for showing microlevel detailing.
- Geo technical modelling, project stake holders, team building.
- Data collection & Sustainability factors.

This session was very insightful in academic view, as the resource persons highlighted on usage and importance of Building Information Modelling in architecture for data collection, analyzing and designing. It is been an interactive session with 42 participants from colleges of Architecture and practicing Architects from pan India.



- SOA DSATM Conducted a 7 Day Online FDP on “**Go Green Design Thinking**” from 6<sup>th</sup> August to 13<sup>th</sup> August under the Guidance of Director. Gaddam .D.Ram esh,Co-ordinators: Ar.Harshalatha and Ar. Likhitha.

# GO GREEN INITIATIVES FDP 2 GO GREEN DESIGN THINKING

## RESOURCE PERSONS



### DAY 1: DR. T.V. RAMACHANDRA

Co-ordinator, Energy & Wetlands Research Group, Centre for Ecological Sciences [CES] Convener, Environmental Information System [ENVIS], CES TE 15, IISc ,Centre for infrastructure, Sustainable Transportation and Urban Planning [CiSTUP] Indian Institute of Science, Bangalore



### DAY 2: Dr.GANESH KATTEPUR

Professor, Sir M Visvesvaraya School of Architecture Former professor at RVCA(Design Chair),DSSA,CMR university. Former Head Of the Department MCA, Hasan



### DAY 3: AR.VIJAY NARNAPATTI

Urbanist And Design Educator Director & Design Principal, maya PRAXIS, Bangalore Professor & Founding member, School of Architecture, Christ Bangalore

ENERGY WATER RECYCLING & WASTE AIR QUALITY CLIMATE CHANGE FOOD HEALTH SUSTAINABILITY

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**SCHOOL OF ARCHITECTURE**

**7-DAYS E- FACULTY DEVELOPMENT PROGRAMME ON**

GO GREEN DESIGN THINKING

**6TH -13TH**  
**AUGUST**  
**2020**  
**11.00AM-**  
**01.00PM**

Go-Green Design Thinking is to say how one embraces this concept and fuse it with design ideas. We are all aware that NATURE is a teacher and it has taught generations. Nature on the other hand is a provider too. Different lifestyles and cultures have evolved through ages. Nature has inspired scientists, technologists, doctors, engineers, architects call it any field or any idea. So, to say that nature is the source of inspiration. With this as a back ground one needs to understand what is meant by Go-Green. GO-GREEN embraces various issues out of which most important and most talked about are Energy, Water, Recycling the waste, Air quality, Climate change, Food, Health and Sustainable Environment. This FDP intends to explore ideas and thought processes under these vehicles that can contribute to the Design process. During this time of PANDEMIC and one of the worst human disasters in the history of time, architects need to change the way of thinking and understand architecture with a new thought that would give back something to NATURE and would protect the very existence of Human race.

**E-certificates will be provided to people who registered and participate in all the sessions**

**PATRONS:**  
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Chancellor DSU  
Dr. D. Premachandra Sagar, Vice Chairman & CEO, DSI  
Sri. Galswamy, Secretary, DSI

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Dr.Nandini C Vice Principal,DSATM  
Dr.Sumithra Devi Dean Academics,DSATM  
Prof.Goddam D Ramesh Director,SOA,DSATM

**COORDINATORS**  
Prof. Harshaththa, Assoc.Prof, +91-9845629936  
Prof. Jikitha Devineni Assoc.Prof +91-9738908265

**DR. T.V. RAMACHANDRA**

Co-ordinator, Energy & Wetlands Research Group, Centre for Ecological Sciences [CES] Convener, Environmental Information System [ENVIS], CES TE 15, IISc ,Centre for infrastructure, Sustainable Transportation and Urban Planning [CiSTUP] Indian Institute of Science, Bangalore

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**AR.VIJAY NARNAPATTI**

Urbanist And Design Educator Director & Design Principal, maya PRAXIS, Bangalore Professor & Founding member, School of Architecture, Christ Bangalore

**DR.SHARIKA MENON**

Associate Professor, Environmental Conservation Program, Centre for Environmental Studies, Indian Institute of Space and Astronautical Sciences

**AR.DEEPAK GODHI**

Director & Head, Design of the Living Studio, Faculty of Environmental Management Studies, Indian Institute of Space and Astronautical Sciences

**DR.ROHINI RAGHU**

Certified Dietician, Laxmi Hospital, Bangalore

**FREE REGISTRATION Link-**  
[https://www.sagar.ac.in/forums/612/STAtoGS49x1.h3yft/v8Z7swe6zSMANSMU2JsdwN\\_dfoaf/voas/vevform2asprof\\_link](https://www.sagar.ac.in/forums/612/STAtoGS49x1.h3yft/v8Z7swe6zSMANSMU2JsdwN_dfoaf/voas/vevform2asprof_link)  
Google meet link will be shared through mail after registration

Topic and schedule will be shared later

RESOURCES

# GO GREEN INITIATIVES FDP 2 GO GREEN DESIGN THINKING

## RESOURCE PERSONS



**DAY 4: DR.SHARIKA MENON**  
Ayurvedic Physician/ Panchakarma Consultant/Therapy Trainer, The Art of Living Ashram. Guest Writer/Content Creator for national and international website on Ayurveda & Wellness



**DAY 5: AR.DEEPAK GODHI**  
Director & Head - Design at The Living Studio Ecological & Sustainable architecture practices & Space management Visiting Professor at Acharya's NRV School of Architecture



**DAY 6 : AR.TAWHID KHAN**  
Principal Designer at NATIVITY  
Academician, Writer, Practicing architect and designer



**DAY 7: DT.ROHINI RAGHU**  
Clinical Nutritionist and Registered Dietitian(RD) Senior Consultant at Rangadorai Memorial Hospital and Sagar Chandramana hospital, Bangalore

ENERGY WATER RECYCLING & WASTE AIR QUALITY CLIMATE CHANGE FOOD HEALTH SUSTAINABILITY

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RESOURCES

**SCHOOL OF ARCHITECTURE**

**7-DAYS E- FACULTY DEVELOPMENT PROGRAMME ON**

GO GREEN DESIGN THINKING

Go-Green Design Thinking is to say how one embraces this concept and fuse it with design ideas. We are all aware that NATURE is a teacher and it has taught generations. Nature on the other hand is a provider too. Different styles and cultures have evolved through ages. Nature has inspired scientists, technologists, doctors, engineers, architects call it any field or any idea. So, to say that nature is the source of inspiration. With this as a back ground one needs to understand what is meant by Go-Green. GO-GREEN embraces various issues out of which most important and most talked about are Energy, Water, Recycling the waste, Air quality, Climate change, Food, Health and Sustainable Environment. This FDP intends to explore ideas and thought processes under these vehicles that can contribute in the Design process. During this time of PANDEMIC and one of the worst human disasters in the history of time, architects need to change the way of thinking and understand architecture with a new thought that would give back something to NATURE and would protect the very existence of Human race.

6TH -13TH  
AUGUST  
2020  
11.00AM-  
01.00PM

**E-certificates will be provided to people who registered and participate in all the sessions**

**FAIRONS:**

**Dr. D. Hemachandra Sagar,**  
Chairman, DSJ  
Chancellor, DSU

**Dr. D. Premachandra Sagar,**  
Vice Chairman & CEO, DSJ

**Sri. Galswamy,**  
Secretary, DSJ

**CONVENORS**

**Dr. B. R. Lakshmi Kantha,**  
Principal, DSATM

**Dr. Nandini C**  
Vice Principal, DSATM

**Dr. Sumithra Devi**  
Dean Academics, DSATM

**Prof. Goddam D Ramesh**  
Director, SOA, DSATM

**COORDINATORS**

**Prof. Harshaditha,**  
Assoc. Prof,  
+91-9845629936

**Prof. Likhita Devineni**  
Assoc. Prof  
+91-9738908265

DR. T.V. RAMACHANDRA

An eminent Architectural Designer & Designer  
Chairman DSJ  
Chairman, Ecological & Sustainable Architecture Centre, DSU, DSJ & DSU, Centre for Sustainable Architecture, Bangalore and also Training DSATM, Bangalore & Mysore, Bangalore.

DR. GANESH KATTEPUR

Professor, School of Architecture, Bangalore  
Former member, AEC&S, Bangalore  
Former Head of the Department, DSU

AR. VIJAY NARNAPATI

Director & Design Director  
Director & Member, National Institute of Design, Bangalore  
Professor & Training Institute, Bangalore, Bangalore

DR.SHARIKA MENON

Ayurvedic Physician, Panchakarma Consultant, Therapy Trainer, The Art of Living Ashram, Bangalore  
Member of the National Institute of Design, Bangalore

AR.DEEPAK GODHI

Director & Head - Design at The Living Studio  
Ecological & Sustainable Architecture Practices & Space management  
Visiting Professor at Acharya's NRV School of Architecture

DT.ROHINI RAGHU

Clinical Nutritionist, Laxmi Hospital, Bangalore

**FREE REGISTRATION Link-**  
<https://www.sagar.ac.in/forums/16/12/1A/16054.html>  
<https://www.sagar.ac.in/forums/16/12/1A/16054.html>  
Google meet link will be shared through mail after registration

Topic and schedule will be shared later

# DAY 1-DR.T.V.RAMACHANDRA ENVIRONMENTAL DESIGN: DESIGN BASED ON NATURE'S PRINCIPLES

**DAYANANDA SAGAR ACADEMY OF TECHNOLOGY & MANAGEMENT**  
Udayapura, Kanakapura Road, Opp: Art of Living, Bangalore – 560082

**SCHOOL OF ARCHITECTURE**

7-DAYS E- FACULTY DEVELOPMENT PROGRAMME ON

**GO GREEN DESIGN THINKING**

6<sup>th</sup> -13<sup>th</sup> AUGUST 2020

**DR. T.V. RAMACHANDRA**  
Co-ordinator, Energy & Wetlands Research Group, Center for Ecological Sciences  
Convenor, Environmental Information System [ENVIS], CES TE 15, IISc, Centre for Infrastructure, Sustainable Transportation and Urban Planning [CISTUP], Indian Institute of Science, Bangalore

**DAY -1**  
6<sup>TH</sup> AUGUST 2020

TOIPC –  
**ENVIRONMENTAL DESIGN: DESIGN BASED ON NATURE'S PRINCIPLES**

**COORDINATORS**  
**Prof. Harshalatha,**  
Associate Professor  
+91-9845629936  
**Prof. Likhita Devineni**  
Associate Professor  
+91-9738908285

**CONVENORS**  
**Dr. B.R. Lakshmi Kantha,**  
Principal, DSATM  
**Prof. Gaddam D Ramesh**  
Director, SOA, DSATM

**FREE REGISTRATION Link-** [https://docs.google.com/forms/d/e/1FAIpQLSdXel-h5hyB-vi4i2PqowKoZMANISMPL3-oGwN\\_z8pugVvqg/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSdXel-h5hyB-vi4i2PqowKoZMANISMPL3-oGwN_z8pugVvqg/viewform?usp=sf_link)

meet.google.com/snw-nkfz-uws?pli=1&authuser=0
REC
Dr. Ramachandra T.V. is presenting

Architecture: Poor / Good Design?

R

Ruma Bhatt

g

gaddam d ramesh

S

Shivalinggowda Sk

Meeting details

People (64) 62 Chat (7)

- likhita annapaneni (You)
- Aarti Sapariya
- Anjali Narad
- anup kumar prasad
- Anupa Suguraman
- Anupama Morankar
- Anuradha HR
- Apama Gopinath

# DAY 2-DR.GANESH KATTEPUR DESIGN & CONSTRUCTION IDEAS LEADING TO SUSTAINABLE ARCHITECTURE

DAYANANDA SAGAR ACADEMY OF TECHNOLOGY & MANAGEMENT  
Udayapura, Kanakapura Road, Opp: Art of Living, Bangalore – 560082

SCHOOL OF ARCHITECTURE

7-DAYS E- FACULTY DEVELOPMENT PROGRAMME ON

**GO GREEN DESIGN THINKING**  
6<sup>th</sup> -13<sup>th</sup> AUGUST 2020



**DR. GANESH KATTEPUR**  
Professor, Sir M Visvesvaraya School of Architecture,  
Former professor at SVCA/Design Chair, DSSA, CMR university,  
Former Head Of the Department, MCA, Hasan

**DAY -2**  
7<sup>TH</sup> AUGUST 2020

TOIPC –  
**DESIGN & CONSTRUCTION IDEAS LEADING TO SUSTAINABLE ARCHITECTURE**

GOOGLE MEET PLATFORM  
LINK:  
<https://meet.google.ch>  
[tps://meet.google.com/snw-nkftz-uws](https://meet.google.com/snw-nkftz-uws)

**COORDINATORS**  
Prof. Harshalatha,  
Associate Professor  
+91-9845629936

Prof. Likhita Devineni,  
Associate Professor  
+91-9738908285

**CONVENORS**  
Dr. B. R. Lakshminantha,  
Principal, DSATM

Prof. Gaddam D Ramesh  
Director, SOA, DSATM

**FREE REGISTRATION Link-** [https://docs.google.com/forms/d/e/1FAIpQL5dXel-h3hyB-vi4i2PqowKoZMANISMLP3-oGwN\\_z8pugVyyqg/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQL5dXel-h3hyB-vi4i2PqowKoZMANISMLP3-oGwN_z8pugVyyqg/viewform?usp=sf_link)

meet.google.com/snw-nkftz-uws?pli=1&authuser=0

REC Ganesh Kattepur is presenting

Meeting details

People (58) 59 Chat (9)

Participants:

- likhita annapaneni (You)
- Aarti Sapariya
- Aditi Karadesai
- Ana patil
- Anjali Narad
- anup kumar prasad
- Anupa Suguraman
- Anupama Morankar
- Harshalatha Ananth
- manu manjunath
- harshalatha.arch dsatm

Slide content:

L.D.Jayaram, West of Chord road, Bangalore. 1979-81. Rs1,80,000

# DAY 3-AR.VIJAY NARNAPATTI MAKING DESIGN SENSIBLE

DAYANANDA SAGAR ACADEMY OF TECHNOLOGY & MANAGEMENT  
Udayapura, Kanakapura Road, Opp: Art of Living, Bangalore - 560082

SCHOOL OF ARCHITECTURE

7-DAYS E- FACULTY DEVELOPMENT PROGRAMME ON

**GO GREEN DESIGN THINKING**  
6<sup>th</sup> -13<sup>th</sup> AUGUST 2020

**DAY -3**  
8<sup>TH</sup> AUGUST 2020  
(11.00am-01.00pm)

**TOIPC –  
MAKING DESIGN  
SENSIBLE**

**AR.VIJAY NARNAPATTI**  
Urbanist And Design Educator  
Director & Design Principal, maya PRAXIS,  
Bangalore  
Professor & Founding member, School of  
Architecture, Christ (Deemed to be university),  
Bangalore

**COORDINATORS**  
Prof.Harshalatha, Associate Professor  
+91-9845629936  
Prof.Likhitha Devineni, Associate Professor  
+91-9738908285

**CONVENORS**  
Dr.B.R.LakshmiKantha, Principal,DSATM  
Prof.Gaddam D Ramesh, Director,SOA,DSATM

**GOOGLE MEET PLATFORM LINK:**  
<https://meet.google.com/snw-nkfs-uws>

WATER RECYCLING & WASTE AIR QUALITY CLIMATE CHANGE FOOD SECURITY

**FREE REGISTRATION Link-** [https://docs.google.com/forms/d/e/1FAIpQLSdXet-hShy8-vi4I2PqowKzMANISMLP3-oGwN\\_z8pueVvvg/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSdXet-hShy8-vi4I2PqowKzMANISMLP3-oGwN_z8pueVvvg/viewform?usp=sf_link)

meet.google.com/snw-nkfs-uws?pli=1&authuser=0

REC Vijay S Narnapatti School of Architecture is presenting

PROCESS OF MAKING

The brick and its friends  
steel, concrete and wood

basement dug, lot of earth came out, idea to use the earth to make the bricks and not dump earth of some land fill. A small hillock comes up overnight in the next site.

The soil is mixed with 7% cement, 7% sand and 3.0% stone dust. The brick-making crew then puts it into the "bakram" press [developed by the Indian Institute of Science] meet.google.com/snw-nkfs-uws?pli=1&authuser=0

It's then compressed into a 200 x 230 x 100mm stabilized mud block. This is then stacked and sun-dried. This is the most sustainable material that one can build with - from the earth excavated at the site, built by local labour and dried by the sun

Meeting details

People (51) 5g Chat (8)

Aarti Sapariya 11:40  
how is thermal comfort achieved?

sudhi kumar 11:44  
How much is built area vs total sital area...?

rajesh agrawal 11:57  
What about the negative spaces which are formed by the tilting of walls

esha nagella 12:00  
unable to hear the speaker

speaker

You 12:01  
madam, kindly refresh or re-login.

Send a message to everyone

ENVIRONMENT

## DAY 4-DR.SHARIKA MENON ENVIRONMENT & WELLNESS

**DAYANANDA SAGAR ACADEMY OF TECHNOLOGY & MANAGEMENT**  
Udayapura, Kanakapura Road, Opp: Art of Living, Bangalore – 560082

**SCHOOL OF ARCHITECTURE**

**7-DAYS E- FACULTY DEVELOPMENT PROGRAMME ON**

**GO GREEN DESIGN THINKING**  
6<sup>th</sup> -13<sup>th</sup> AUGUST 2020

**DAY -4**  
10<sup>TH</sup> AUGUST 2020  
(11.00am-01.00pm)

**TOIPC –  
ENVIRONMENT &  
WELLNESS**

**Dr.Sharika Menon**  
Ayurvedic Physician/ Panchakarma  
Consultant/Therapy Trainer, The Art of  
Living Ashram.  
Guest Writer/Content Creator for  
national and international website on  
Ayurveda &Wellness

**GOOGLE MEET PLATFORM  
LINK:**  
<https://meet.google.com/htps://meet.google.com/snw-nkfr-uws>

**COORDINATORS**  
Prof.Harshalatha,  
Associate Professor  
+91-9845629936  
Prof.Likhita Devineni  
Associate Professor  
+91-9738908285

**CONVENORS**  
Dr.&R.Lakshmanantha,  
Principal, DSAIM  
Prof.Gaddam D Ramesh  
Director, SOA, DSAIM

**FREE REGISTRATION Link-** [https://docs.google.com/forms/d/e/1FAIpQLSdXel-h5HyB-vi4j2PaowKozMANISMPL3-oGwN\\_z8puYVvga/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSdXel-h5HyB-vi4j2PaowKozMANISMPL3-oGwN_z8puYVvga/viewform?usp=sf_link)

Inbox (1,086) - likhita.a@gmail.c... Meet - snw-nkfr-uws Meet Attendance 2020-8-8 12:2... meet.google.com/snw-nkfr-uws?pli=1&authuser=0

REC LIVE Dr. Sharika Menon S is presenting

Health is Balance  
Imbalance leads to Disease  
Doshas

Meeting details  
People (52) 52 Chat (53)

likhita annapaneni (You)  
aarti sapariya  
Anjali Narad  
anu shruti  
Anupa Suguraman  
Anuradha HR  
Aparna Gopinath  
Ar Nisreen Taher Ahmed  
Ar Savita Mastiholi

Dr. Sharika Meno... Harshalatha Ana... Ar Nisreen Taher ... Dhivya R.K harshalatha.arch... DILIP SINGH KU...

ENG 11:50 AM  
US 8/10/2020

# DAY 5-AR.DEEPAK GODHI R ENERGY EFFICIENT BUILDINGS

DAYANANDA SAGAR ACADEMY OF TECHNOLOGY & MANAGEMENT  
Udayapura, Kanakapura Road, Opp: Art of Living, Bangalore – 560082

SCHOOL OF ARCHITECTURE

7-DAYS E- FACULTY DEVELOPMENT PROGRAMME ON

**GO GREEN DESIGN THINKING**  
6<sup>th</sup> -13<sup>th</sup> AUGUST 2020

**DAY -5**  
11<sup>TH</sup> AUGUST 2020  
(11.00am-01.00pm)

TOIPC –  
**ENERGY EFFICIENT BUILDINGS**

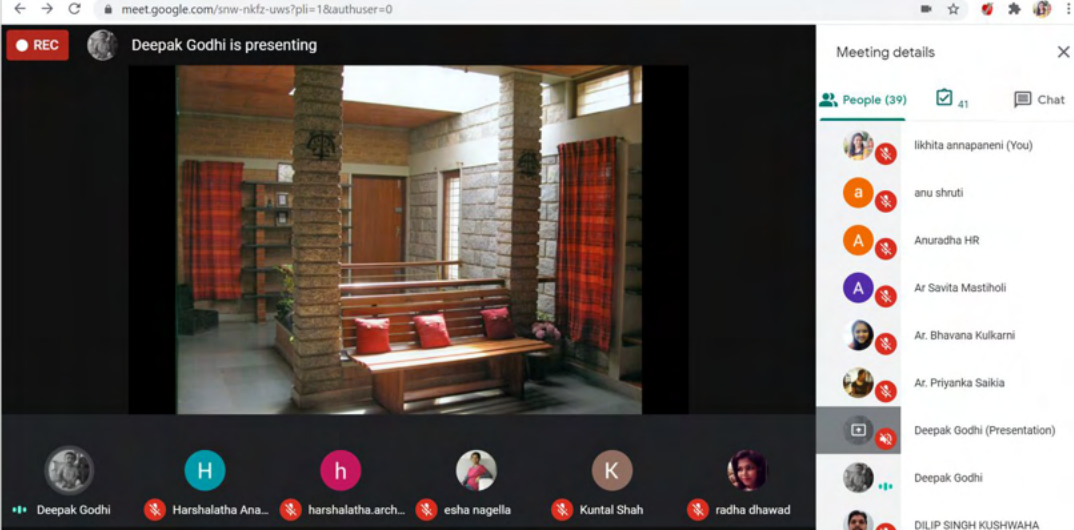


**Ar. Deepak Godhi R**  
Director & Head - The Living Studio, Ecological & Sustainable architecture practices & Space management  
Visiting Professor at Acharya's NRV School of Architecture, Bangalore

**COORDINATORS**  
Prof. Harshalatha, Associate Professor +91-9845629936  
Prof. Likhita Devineni, Associate Professor +91-9738908285

**CONVENORS**  
Dr. B. R. Lakshmi Kantha, Principal, DSAITM  
Prof. Gaddam D Ramesh, Director, SOA, DSAITM

**FREE REGISTRATION Link-** [https://docs.google.com/forms/d/e/1FAIpQLSdXel-h5hvB-vi4fZPqowKoZMANISMlP3-oGwN\\_z8pugVvvgg/viewform?usp=st\\_link](https://docs.google.com/forms/d/e/1FAIpQLSdXel-h5hvB-vi4fZPqowKoZMANISMlP3-oGwN_z8pugVvvgg/viewform?usp=st_link)



meet.google.com/snw-nkfz-uws?pli=1&authuser=0

REC Deepak Godhi is presenting

Meeting details

People (39) 41 Chat

- likhita annapaneni (You)
- anu shruti
- Anuradha HR
- Ar Savita Mastholi
- Ar. Bhavana Kulkarni
- Ar. Priyanka Saikia
- Deepak Godhi (Presentation)
- Deepak Godhi
- DILIP SINGH KUSHWAHA

Deepak Godhi Harshalatha Ana... harshalatha.arch... esha nagella Kuntal Shah radha dhawad

# DAY 6-AR.TAWHID KHAN SUSTAINABLE DEVELOPMENT & DESIGN

DAYANANDA SAGAR ACADEMY OF TECHNOLOGY & MANAGEMENT  
Udayapura, Kanakapura Road, Opp: Art of Living, Bangalore - 560082

SCHOOL OF ARCHITECTURE

7-DAYS E- FACULTY DEVELOPMENT PROGRAMME ON

**GO GREEN DESIGN THINKING**  
6<sup>th</sup> -13<sup>th</sup> AUGUST 2020



**Ar.Tawhid Khan**  
Academician, Writer, Practicing architect and designer

**DAY -6**  
12<sup>TH</sup> AUGUST 2020  
(11.00am-01.00pm)

TOIPC –  
**SUSTAINABLE  
DEVELOPMENT &  
DESIGN**

GOOGLE MEET PLATFORM  
LINK:  
<https://meet.google.com/snw-nkzf-uws>

COORDINATORS  
Prof.Harshalatha,  
Associate Professor  
+91-9845629936

Prof.Likhita Devineni  
Associate Professor  
+91-9738908285

CONVENORS  
Dr.B.R.Lakshminantha,  
Principal,DSATM  
Prof.Gaddam D Ramesh  
Director, SOA, DSATM

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The screenshot shows a Google Meet interface. At the top, it says "Tawhid Khan is presenting". The main content is a presentation slide with the following text:

- Sustainable Development
  - Semantic Politics
  - A Nonlinear Challenge

Environment Conscious- Eco Conscious

- Climate Change- Global Warming
- Energy - Carbon - Water-Waste
- Sustainable Development
- Environment Plus Development
- Development
- Sustainability in General
- Political, Social, Environmental, Economic

Meeting details on the right show 46 people and 28 chat messages. The list of participants includes: likhita annapaneni (You), Anjali Narad, Anupa Suguraman, Anuradha HR, Aparna Gopinath, Ar Nisreen Taher Ahmed, Ar Rupali Borhade, and Ar Savita Mastiholi. A video thumbnail of Tawhid Khan is visible in the top right corner of the meeting area.

# DAY 7-DT.ROHINI RAGHU NUTRITECT-A NUTRITIONAL APPROACH TO ARCHITECTS

ENRGO WATER RECYCLING & WASTE AIR QUALITY CLIMATE CHANGE FOOD HEALTH & WELL-BEING SUSTAINABILITY

DAYANANDA SAGAR ACADEMY OF TECHNOLOGY & MANAGEMENT  
Udayapura, Kanakapura Road, Opp: Art of Living, Bangalore - 560082

SCHOOL OF ARCHITECTURE

7-DAYS E- FACULTY DEVELOPMENT PROGRAMME ON

**GO GREEN DESIGN THINKING**  
6<sup>th</sup> - 13<sup>th</sup> AUGUST 2020

**DAY -7**  
13<sup>TH</sup> AUGUST 2020  
(11.00am-01.00pm)



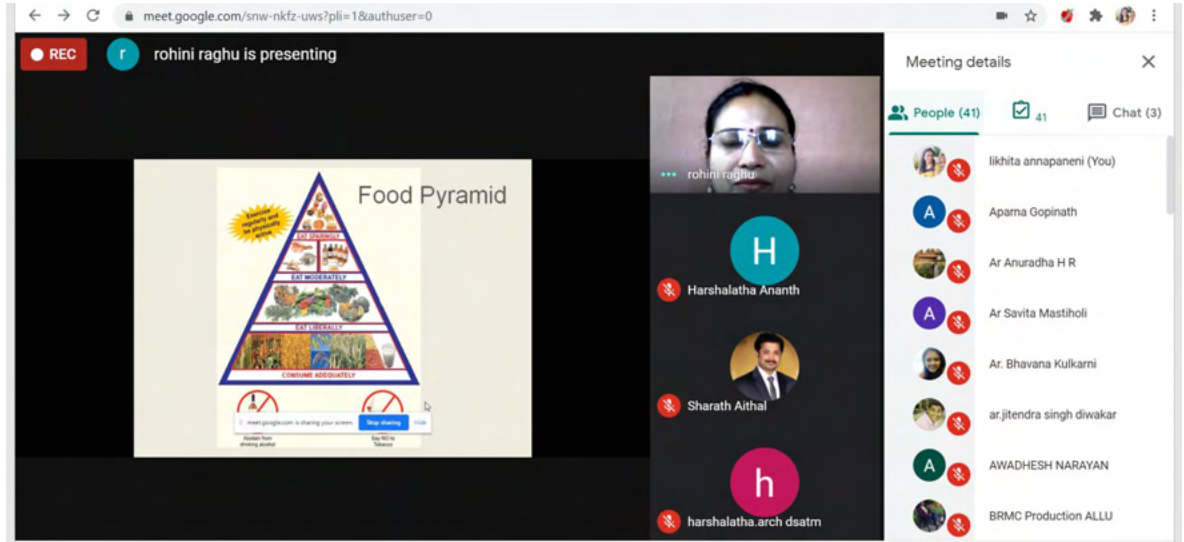
**DT.ROHINI RAGHU**  
Clinical Nutritionist and Registered Dietitian (RD) Senior Consultant at Rangadurai Memorial Hospital and Sagar Chandramana, hospital, Bangalore

**Topic-**  
**NUTRITECT -**  
**A NUTRITIONAL APPROACH TO ARCHITECTS**

GOOGLE MEET PLATFORM  
LINK:  
[tps://meet.google.com/snw-nkfz-uws](https://meet.google.com/tps://meet.google.com/snw-nkfz-uws)

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Prof. Gaddam D Ramesh, Director, SOA, DSATM



meet.google.com/snw-nkfz-uws?pli=1&authuser=0

REC rohini raghu is presenting

Meeting details

People (41) 41 Chat (3)

likhita annapaneni (You)

Apama Gopinath

Ar Anuradha H R

Ar Savita Mastholi

Ar. Bhavana Kulkarni

ar.jitendra singh diwakar

AWADHESH NARAYAN

BRMC Production ALLU

rohini raghu

Harshalatha Ananth

Sharath Aithal

harshalatha.arch dsatm

**Food Pyramid**

EAT FREQUENTLY

EAT MODERATELY

CONSUME ADEQUATELY

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Audio from sharing audio Tap to unmute

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