



MANIPAL SCHOOL  
OF ARCHITECTURE AND PLANNING  
MANIPAL  
*(A constituent unit of MAHE, Manipal)*

MSAP | DOD  
NEWS AND EVENTS

2021

M A N I P A L   A C A D E M Y   O F   H I G H E R   E D U C A T I O N

**MANIPAL SCHOOL OF ARCHITECTURE & PLANNING**  
**MANIPAL KARNATAKA**



MANIPAL SCHOOL  
OF ARCHITECTURE AND PLANNING  
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2021

EVENTS

WORKSHOPS

ACHIEVEMENTS

RESEARCH

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Manipal School of Architecture and Planning, Manipal, Karnataka



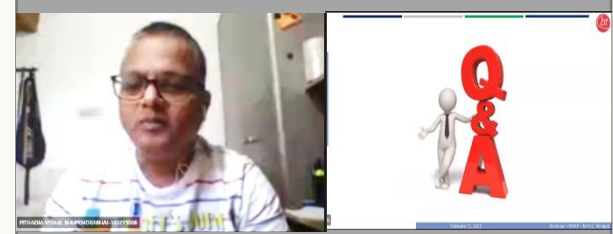
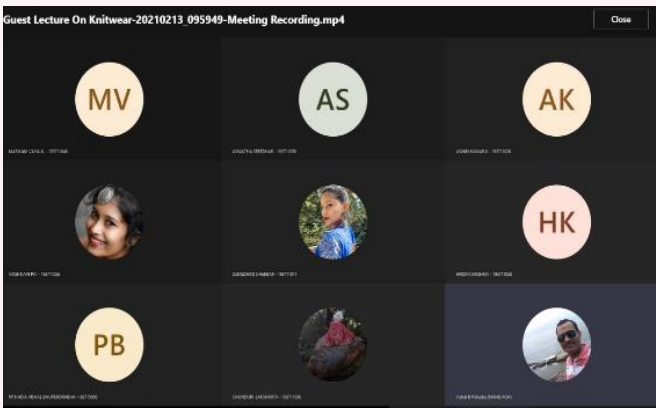
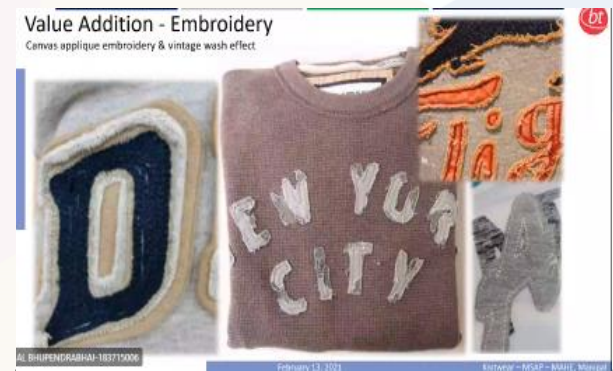
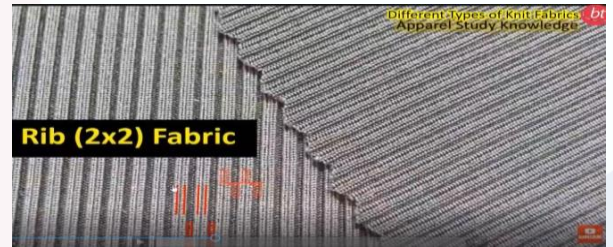
*Coordinated By  
Prof. Sanjana S Shetty*

## Design Matters - Lecture Series 19<sup>th</sup> 20<sup>th</sup> & 21<sup>th</sup> January 2021

**Ar. Richa Bose** introduced the students to context specific design and demonstrated through simple examples on how to initiate design process.

**Ar. Kamal Chawla** explained his holistic approach for architectural design responding to the needs of the users and the context. **Ar. Suprio Bhattacharjee** introduced the term “Empathy and Architecture” with his unique presentation skills and its implication in various contexts. **Ar. Nikita Verma** presented on Climate Resilient Cities considering the case of Chennai, Jakarta and Singapore. **Ar. Gaurav Sanghavi** described the influence of site location and its neighborhood context, and the role in the design process of a project. **Mr. B L Manjunath** educated the students about learning structures from nature and from everything around us.

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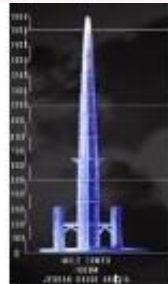


*Coordinated By  
Prof. Vishal B Pithadia*

## **Guest Lecture on Knitwear** **13<sup>th</sup> February 2021**

Guest Lecture was conducted by **Mr. T. Bhaskar. Manager. MBA, GEMM, B.A(Arts),Marketing & Fashion Management** At Shahi Exports Pvt. Ltd. in order to provide in-depth knowledge about Knit wear and Knit industry. As part of academic, students of IV sem B.Des FD has a subject on Knitwear under Fashion Studio IV. . Lecture was helpful for students in understanding importance of knit fabric and how to select fabric for various garments. Guest Faculty had shown various videos demonstrating manufacturing of knit fabric and garment in Industry using different kinds of machines.

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DESIGN & CONSTRUCTION OF TALL BUILDINGS



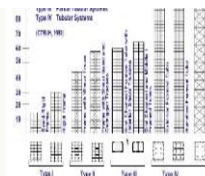
Kingdom Tower, Jeddah

STRUCTURAL DESIGN – STRUCTURAL SYSTEM I – FLARED



Kingdom Tower

Burj Dubai



PROBLEMS AND CONCEPTS IN DESIGNING TALL BUILDINGS

FOR ARCHITECTS AND PLANNERS

**DESIGN AND CONSTRUCTION OF TALL BUILDINGS**

by  
**Sunil Godbole**  
Vice President – Development, RMZ Corp, Mumbai

SATURDAY, FEBRUARY 13, 2021  
TIME: 3.00 PM - 5.00 PM  
VENUE: MS TEAMS

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*Coordinated By*  
**Prof. Trupti Amit Kinjawadekar**

## Expert talk on Design and construction of Tall buildings by **Er. Sunil Godbole** 13<sup>th</sup> February 2021

**Er. Sunil Godbole** resource person motivated the students and presentation helped the students to strengthen the understanding of the subject. The lecture helped the students of various semesters to enhance the knowledge to understand about designing criteria of Tall Structures and various aspects of construction details.

# M S A P NEWS 2021



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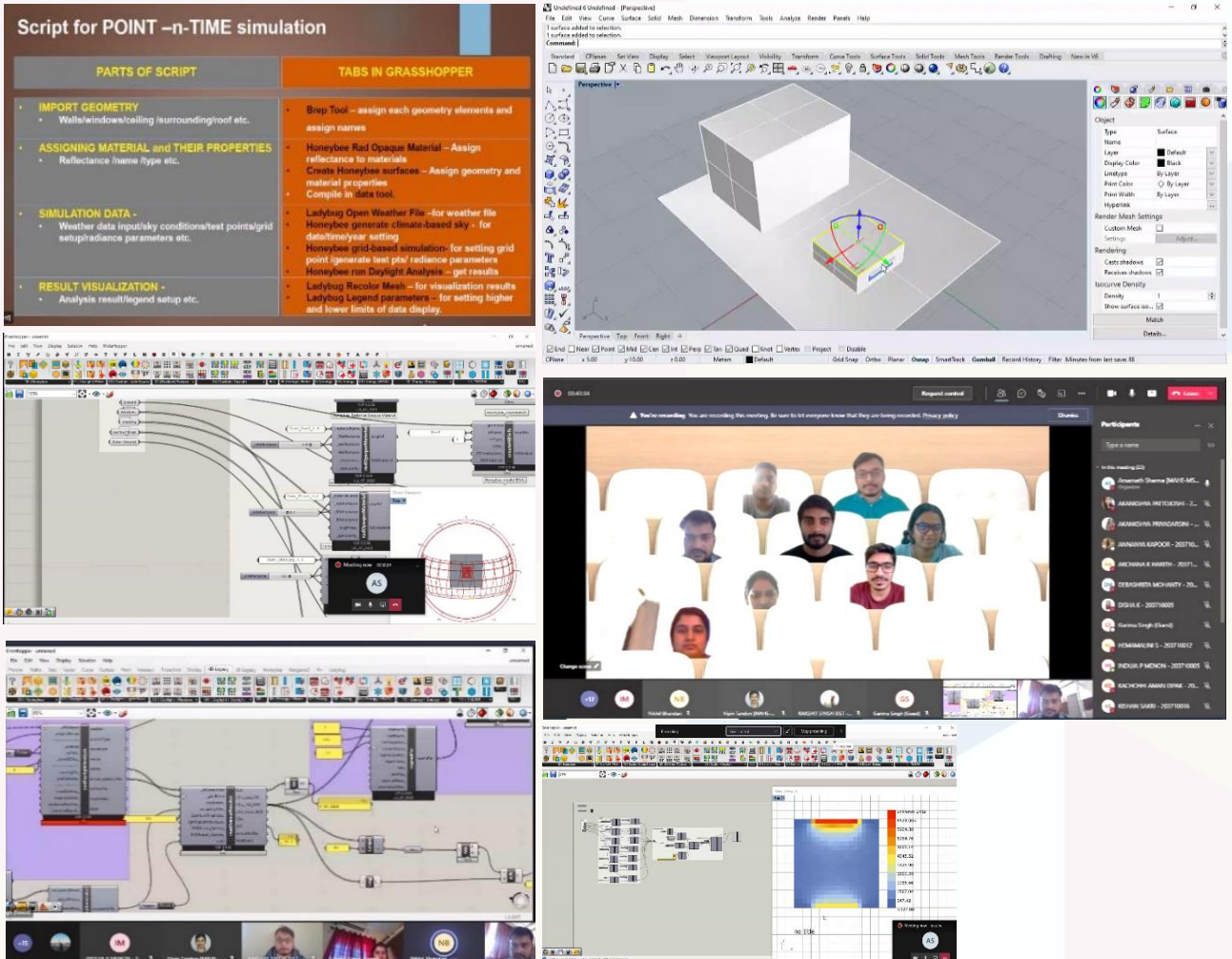


*Coordinated By  
Prof.(Dr) Deepika Shetty  
Prof.Trivikram T N*

## **Expert lecture by Ar. Deependra Prashad** **19<sup>th</sup> February 2021**

Expert lecture by **Ar. Deependra Prashad**, Principal Architect, DPAP and Director (INTBAU India), MICC Interactive session with understanding on the sustainability aspects of urban and architecture stream Interactive session with understanding on the sustainability aspects of urban and architecture stream.

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*Coordinated By  
Prof. Amarnath Sharma*

## **Daylight Simulation Workshop by Ar. Nikhil Bhandari & Ar. Garima Singh – 2 days**

**27<sup>th</sup> February 2021, 6<sup>th</sup> June 2021**

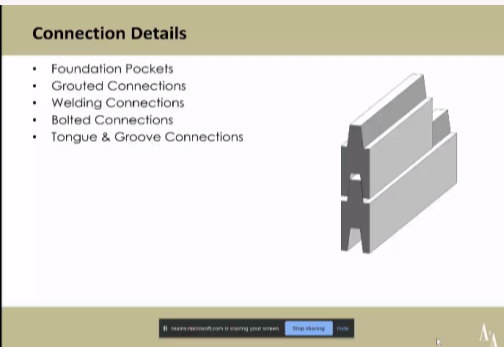
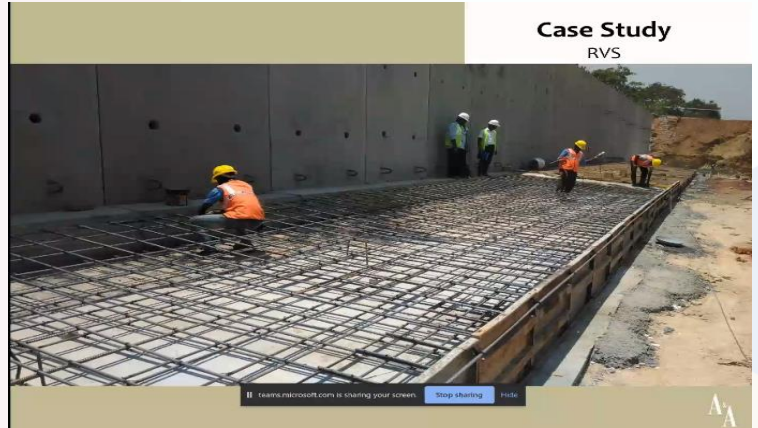
Two days Daylight Simulation Workshop is conducted for Bachelor's & Master's students for using Rhino-Grasshopper & honeybee-Ladybug.

Day 1 of the workshop started with the presentations on introduction of daylight Matrix & Importing of a model from Sketch Up to Rhino Basics including basic in Rhino Interface by **Ar. Garima Singh**. Then, **Ar Nikhil Bhandari** Demonstrated the development of a grasshopper script for point-n-time daylight Simulation. At the end of the session, a simulation exercise was given to participants.

# M S A P NEWS 2021



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## Expert lecture by Ar. Arun Prasad Prakashan 26<sup>th</sup> February 2021

The talk was very informative in terms of practical approach towards precast construction technology through case studies. Overall understanding of precast concrete construction technology. Understanding of Thumb rules for designing. Understanding of the building designed by the Architect. Understanding of integrating a precast Design and construction technology



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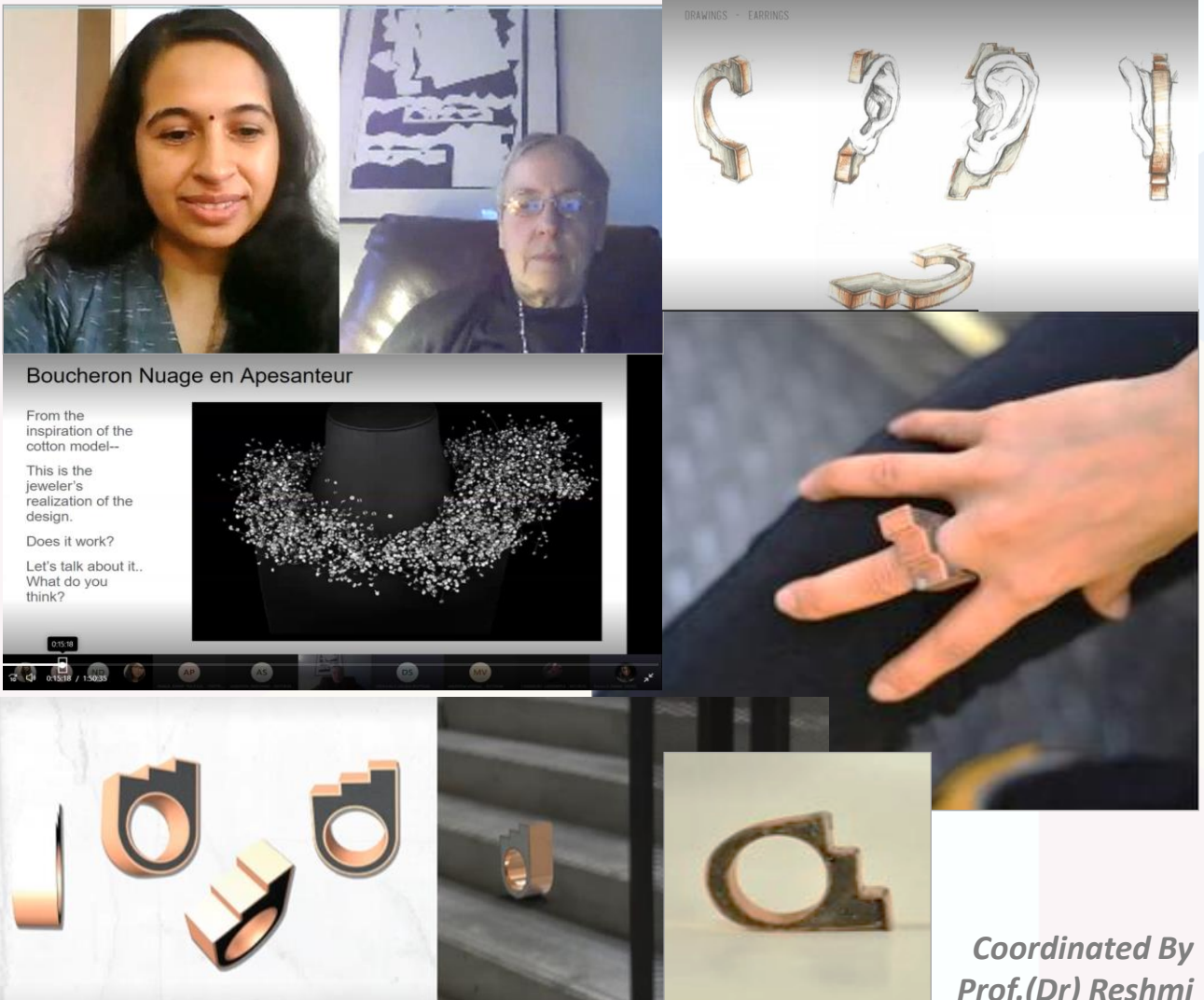


*Coordinated By  
Prof.(Dr) Deepika Shetty*

## **Thesis Workshop by Jayadeep Bhagat** **26<sup>nd</sup> & 27<sup>th</sup> February 2021**

A workshop was conducted for M.Arch. (Urban Design and Development) students by habitat team. Students have presented their thesis work and guided by Prof. Jaydeep Bhagat on further progress of the projects. . Students were able to use varied and valuable comments of an expert. Students were guided to proceed with a better course of action.

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*Coordinated By  
Prof.(Dr) Reshmi*

## **From Inspiration to Wearable Art** **27<sup>th</sup> February 2021**

The Online session on “From Inspiration to Wearable Art. Using our passion, our cultural heritage, and the spirit of our times to create expressive, wearable art” by **Ms. Prof. Wendy Yothers** Assistant Professor ,Fashion Institute of Technology New York was very informative. The valuable inputs on the design process from concept to design and product development have helped give a clear idea on the design development process and how to integrate novelty and creativity in designs.

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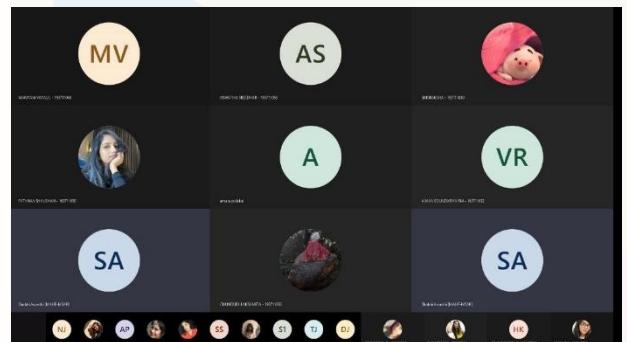
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**JEWELLERY MAKING BEADING ART**

By. Dr. Neeru Jain

March 13, 2021 10am -12noon  
Online mode- MS Teams

Convenor- Ms. Shubhi Awasthi

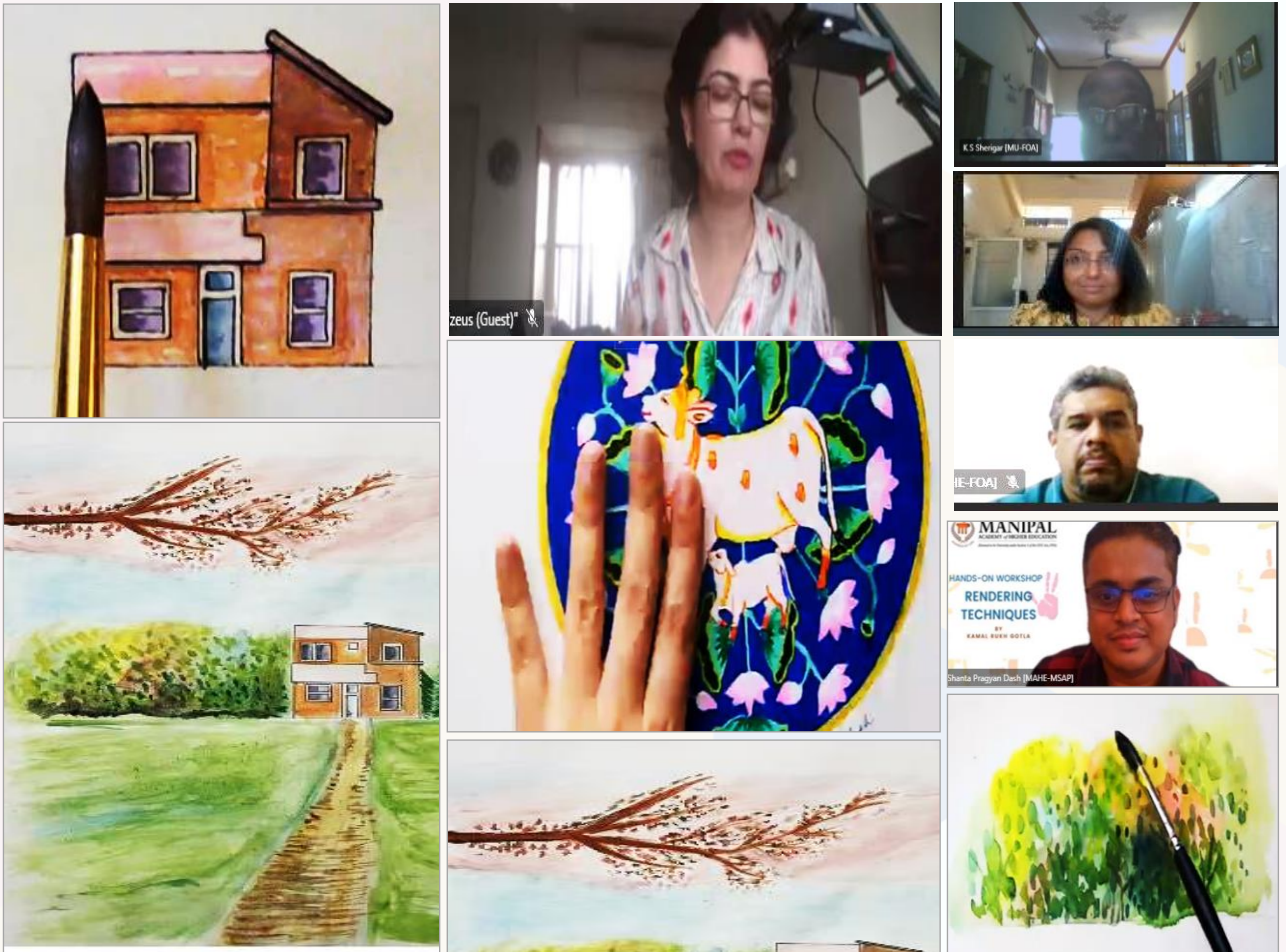


*Coordinated By  
Prof. Shubhi Awasthi*

## **Guest lecture on Jewelry making- beading art 13<sup>th</sup> March 2021**

Lecture by **Dr. Neeru Jain** HOD & Associate Professor Department of Jewellery Designing IIS on Beading Art- the basics and fines about jewellery making and beading art, tools and the usage of tools and a small online demonstration on a beading art. At the end of the lecture and demo the students should be ability to create, appreciate and critique this art form, in terms of content, material and skill. And to use this skill in further their work when needed.

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*Coordinated By  
Prof.(Dr) Deepika Shetty  
Prof. Shanta Pragyan Dash & Prof. Shubhi Awasthi*

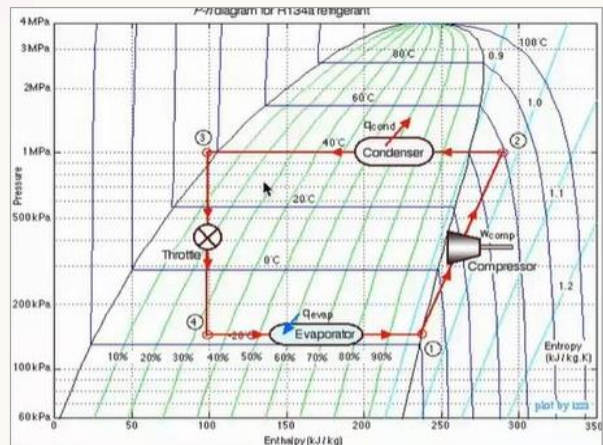
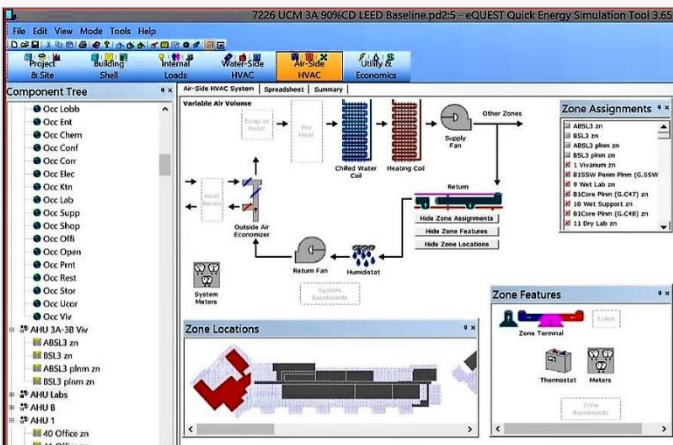
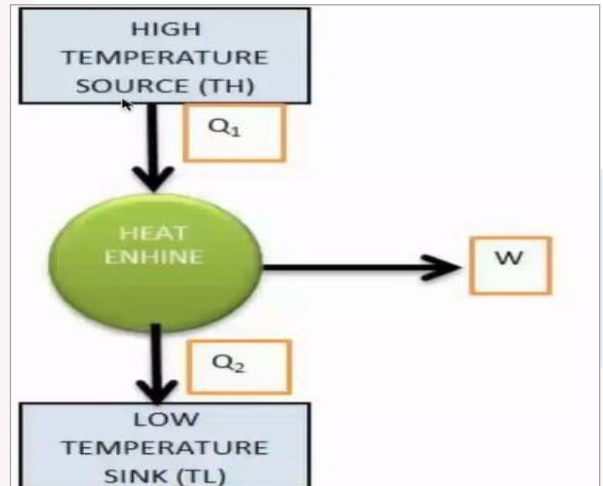
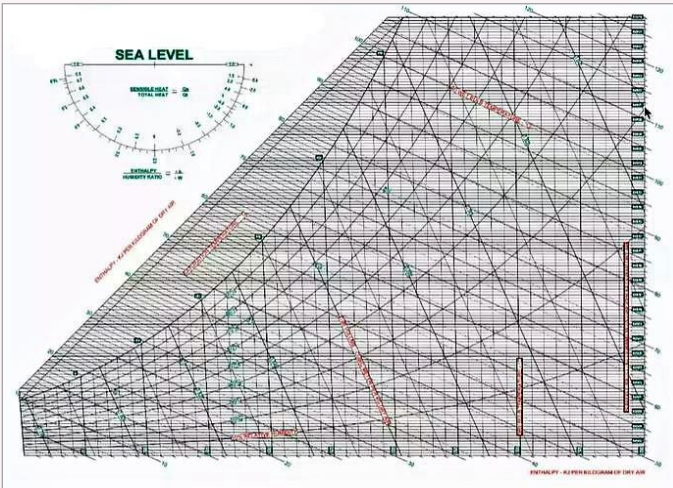
## **Hands-on-workshop Rendering Techniques**

**15<sup>th</sup> April 2021**

Hands on workshop, rendering techniques by **Ms. Kamalrukh Gotla**. For first year's Architecture and Design students hand skills and colouring skills are very important, it will help to add life to their drawing and design work. These exercises will help to get a good coordination between eyes and hands. Also help to develop the creativity, expression and presentation skills.



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*Coordinated By  
Prof.(Dr) Vipin Tandon*

## **Guest lecture on Modelling and operations of HVAC systems 22<sup>nd</sup> & 29<sup>th</sup> May , 5<sup>th</sup> June 2021**

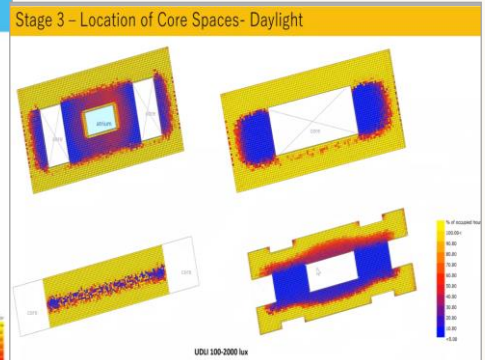
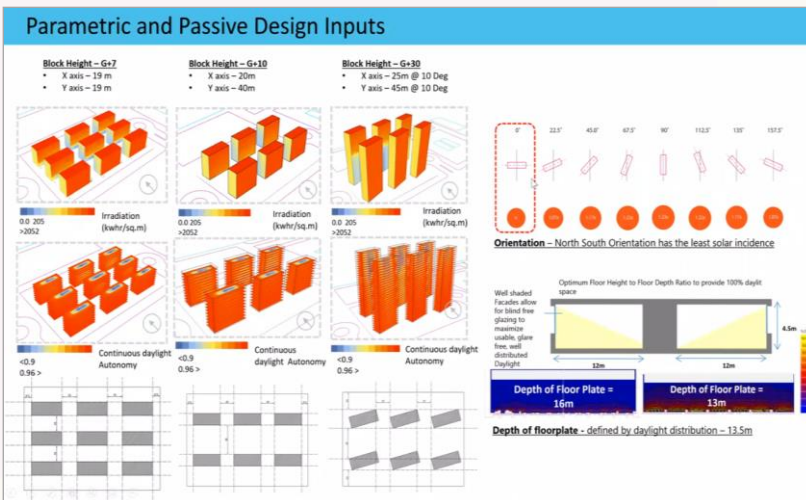
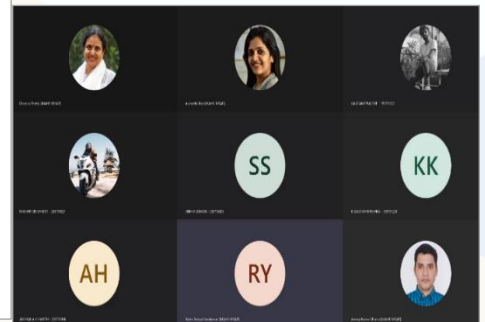
The guest lecture was taken by **Er .Anupam Raj** the aim of the lecture was to visualize the working of HVAC systems by comprehending basic thermodynamic concepts, psychometric chart, processes and learning to cater energy efficiency of HVAC in conceptual design level through simulation results, envelope characteristics like U-value, window wall ratio and other passive strategies for better performance and energy consumption.

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## Towards a sustainable start:

-Enhancing decision making processes during master-planning through analyses

Swati Puchalapalli | TerraViridis

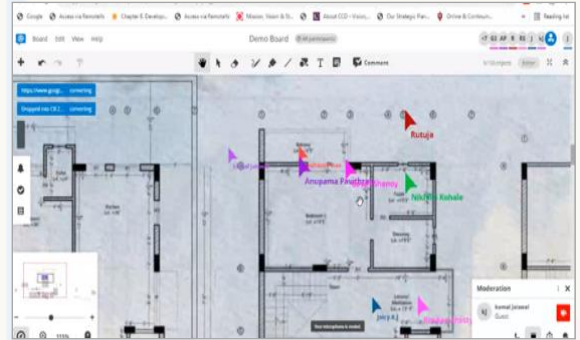
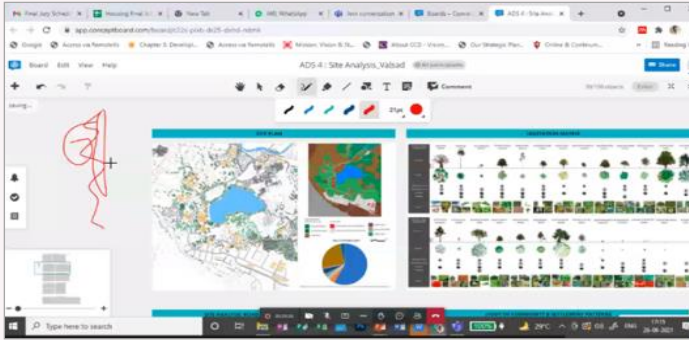


*Coordinated By  
Prof. Ratna Sravya Yandamuri*

## Guest lecture on high performance and high comfort 20<sup>th</sup> August 2021

The guest lecture by **Ms. Swati Puchalapalli** provided a deep understanding of performance based design approach like reducing energy demand through passive building design strategies, increasing efficiency of systems, integration of renewable energy systems, sustainable design approach with analysis of total energy consumption of a building, briefing of all design parameters that should be considerable at early design phases, passive design strategies and few more details regarding wind flow analysis in residential and commercial building.

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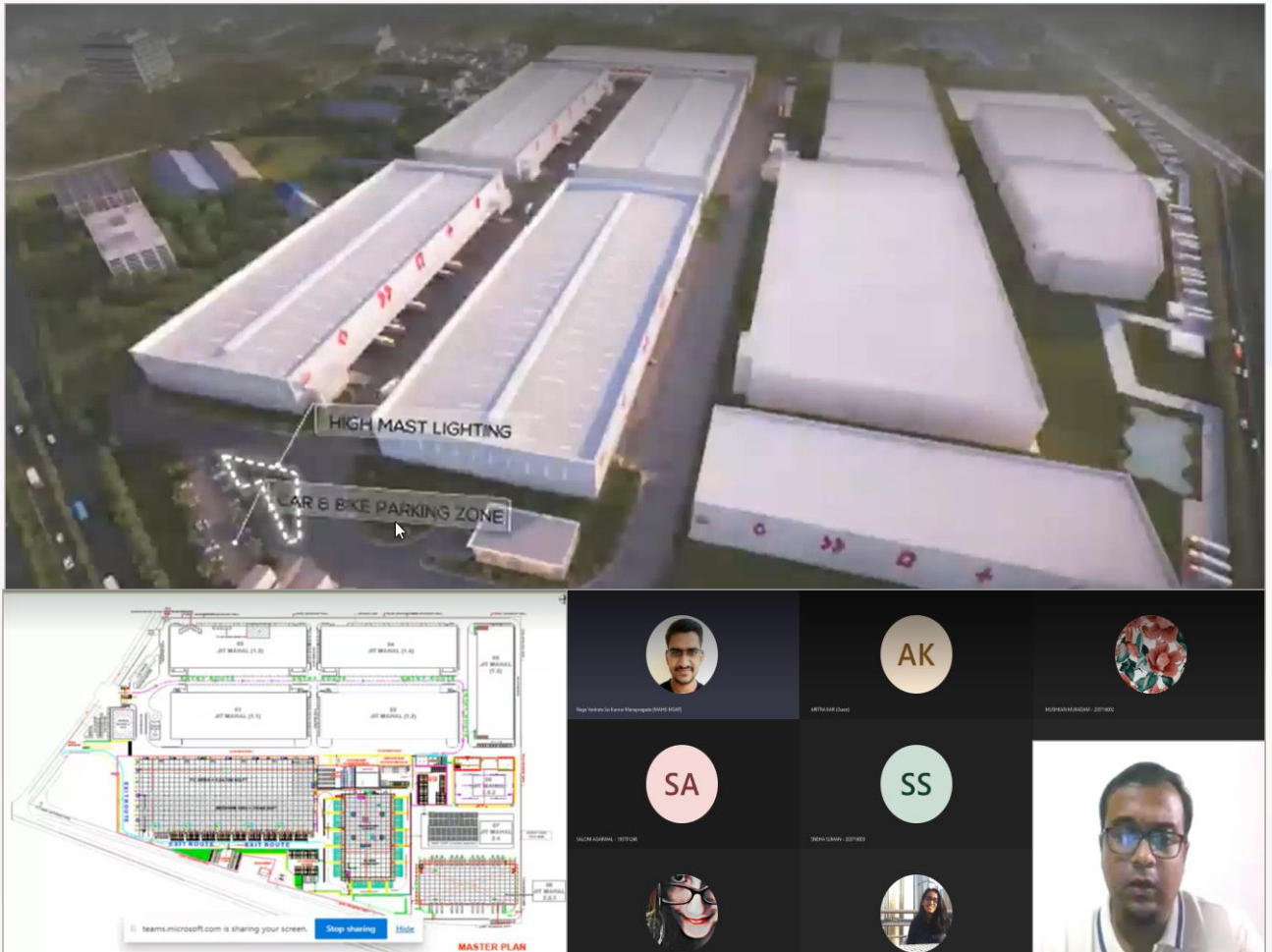
*Coordinated By  
Prof.(Dr) Deepika Shetty,  
Prof. Sahana,  
Prof. Ujjwala Chourasia*

## **Workshop on Introduction to collaborative online whiteboards** **26<sup>th</sup> August 2021**

The workshop on “INTRODUCTION TO COLLABORATIVE ONLINE WHITEBOARDS” by Prof. **Jithendra Meghnani**, from Nirma University. The event enabled faculty members to explore the possibilities of using white board in online teaching.



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*Coordinated By  
Prof. Naga Venkata Sai Kumar Manapragada*

## **Expert lecture on Onsite construction workers housing – The need and Challenges**

**28<sup>th</sup> August 2021**

The Guest Lecturer has detailed about his project at Faridabad. He discussed the importance of onsite construction worker housing in the pandemic scenario. The requirements of the onsite construction working has also been presented. Students from B.Arch and M.Arch asked question about onsite construction worker housing. Later, the guest lecturer **Mr. Aritra** has shared his experiences majorly the challenges of implementing Architecture designs in site.

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**SUSTAINABLE  
FASHION WITH AN  
EMPHASIS ON  
ZERO-WASTE  
DESIGN**

**DESIGNER LAKSHMI  
UMA RACHAKONDA**

SEPTEMBER 11,  
2021 ,  
TIME: 9.30 a.m. -  
11.00 a.m.

Join us on Teams



Hello!

I AM LAKSHMI UMA RACHAKONDA  
Zero-Waste fashion Designer

You can find me at  
@lakshmirachakonda.designz

*Coordinated By  
Prof.(Dr) Veena Rao*

## **Sustainable fashion with emphasis on zero-waste design** **11<sup>th</sup> September 2021**

The purpose of the guest lecture is to introduce the sustainable concepts through zero-waste design. The speaker, Designer **Uma Lakshmi Rachakonda** emphasized on the need for sustainable approaches in fashion industry. Fast fashion, which rose to prominence at the turn of 21st century had added to the industry's enormous greenhouse gas emissions and devastating environmental impact. It is imperative that we move towards strategies that would aid in reducing the negative impact of the fashion industry. The speaker shared her collection based on the zero-waste fashion which was showcased at West valley annual fashion show in 201

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**WORKSHOP ON SHAPES AND COMPOSITION**  
Conducted by:  
Ar. KSS Sherigar [Visiting Faculty, MSAP]  
Ar. Nishith Urval [Visiting Faculty, MSAP]

Workshop to understand the basics of 2D composition, positive & negative space and rendering techniques by creating compositions of shapes (geometric and abstract)

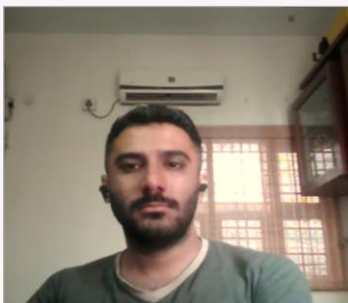
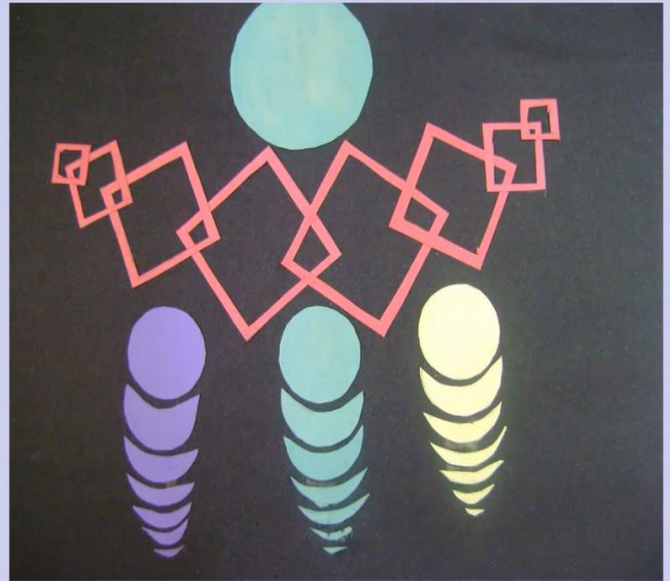
**SEPT**  
13th 9:00 am to 12:00 pm  
14th 2:00 pm to 5:00 pm  
via MS Teams

**Materials Required:**

- A3 sketch book
- A2 size black chart paper
- A2 size white drawing sheet
- Coloured papers, White ivory sheet
- Scissors, Glue, Cutters
- Pencil, Markers, Colour pencils, Poster/ water colours

DAY 1 / 13<sup>th</sup> - Activity 1: 2D geometrical compositions  
DAY 2 / 14<sup>th</sup> - Activity 2: 2D free shape compositions

Coordinated by:  
MSAP Team



*Coordinated By  
MSAP Team*

## **Workshops for 1st year UG students** **13th, 14th & 22nd September 2021**

2-day workshop by **Ar. Sanjeeva Sherigar & Ar. Nishith Urval** with activities for the students to come up with a creative 2d compositions using geometric shapes and abstract shapes. At the end of the workshop, students were asked to showcase their work and discuss with the mentors and coordinators. Explore and sync very creatively and innovatively to connect HEAD, HEART & the HANDS. To help students improve their hand skills as well as the Key skill areas. Workshop to understand the basics of 2D composition, positive and negative space and rendering techniques by creating compositions of shapes .

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MANIPAL SCHOOL OF ARCHITECTURE AND PLANNING  
invites you to

## ***“Decarbonising the Building Sector”***

by

***Prasad Vaidya,***

*Director, Solar Decathlon India | Senior Advisor, IIHS  
Adjunct Professor, MAHE | Senior Advisor, AEEE*

&

***Amanda Thounaojam,***  
*Technical Associate, IIHS*

**co-ordinated by:**

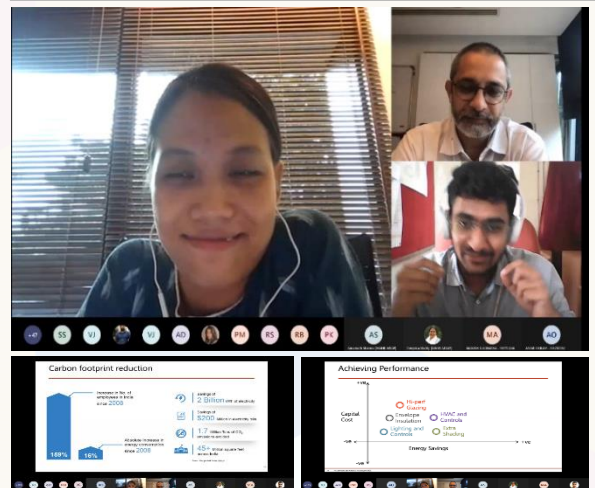
Amarnath Sharma

Ratna sravya Yandamuri

Naga Venkata Sai Kumar Manapragada

**13/09/2021  
04:30 PM  
Via MS Teams**

### Carbon emissions in buildings



**Coordinated By**

***Prof. Amarnath Sharma, Prof. Ratna Sravya, Prof. Naga Venkata Sai***

## **Decarbonizing the building sector**

**13<sup>th</sup> September 2021**

The guest lecture by **Prof. Prasad Vaidya** is mainly about Decarbonizing the building sector – A data driven process to reduce carbon emissions during building construction. This lecture provided a deep understanding of how do we consume energy and operate in building sector like power consumption and many other factors. Further it explained the net zero energy water building and resilience like how building responds to heat waves and added about disaster proof construction and how to maximize the passive comfort. Further added best examples with case studies and discussed strategies to be used make net zero energy building with ECBC codes along with envelop loads and details about HDR processing. Also it includes examples of dynamic façade prototype developed and provided understanding about lighting conditions with historic data analysis. This presentation ended with intense clarification on carbon foot print reduction and achieving buildings high energy performance

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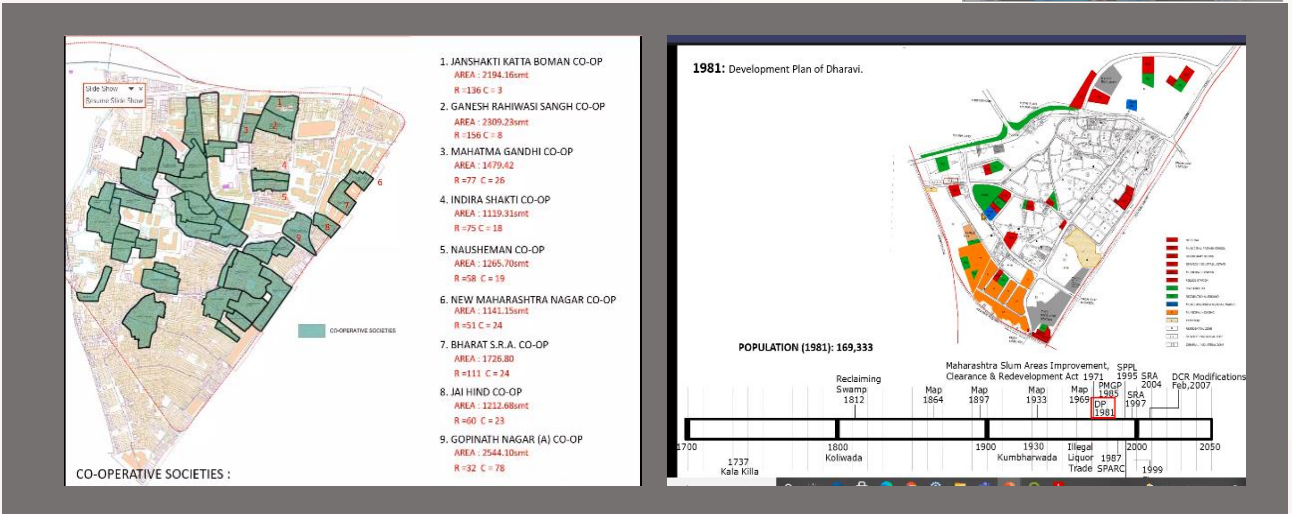
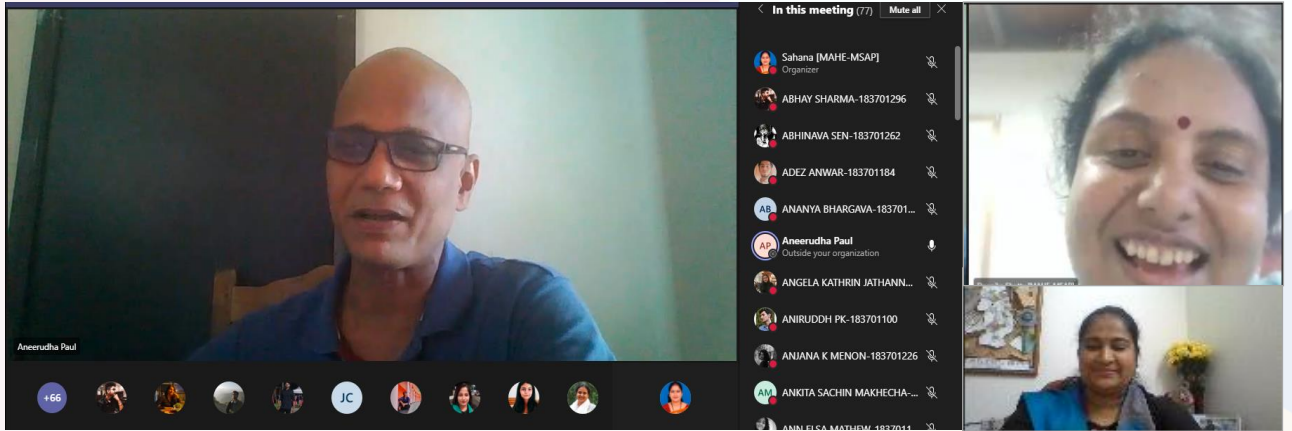


Coordinated By  
Prof. Kranti Satardekar

## Water color handling techniques 15<sup>th</sup> September 2021

This workshop was conducted by a guest, eminent water color artist of Goa – **Shri. Basil Mota**, for first year students of B.Arch, & B.Des. The artist demonstrated the various techniques in which water color as a medium can be explored and used effectively. Students learnt the techniques of water color, and creating different and appropriate effects according to the requirements of the painting. Students learnt the application of the medium- flat washes, wet on wet, wet on dry, dry brush techniques, rendering shade & light in the subject, tonal variations, and foreground and background..

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*Coordinated By  
Prof. Sahana Ganesh,  
Prof.(Dr) Deepika Shetty*

## Guest Lecture on “DHARAVI” by Prof. Aneerudha Paul

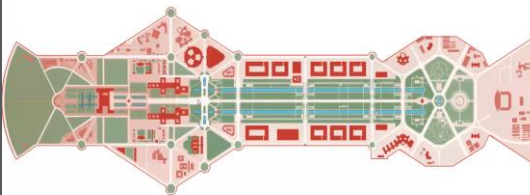
**6<sup>th</sup> September 2021**

The Lecture from the expert **Prof. Aneerudha Paul** from KRVA, Mumbai, was very interesting in terms of the ground realities were brought to light. The expert has worked extensively in this area and he has very well conveyed the various situations in this slum to the students. This was quiet awakening for the students and a great opportunity to understand the context of study- Dharavi through the expert from various perspectives such as an Architect/Urban designer, sociologist, administrator, NGO, resident etc.

## Manipal School of Architecture and Planning, Manipal, Karnataka



Central Vista as Proposed - formal, symmetric, ordered



### Understanding the Place, Challenges and Complexities



'The new capital is not merely the shrine of the glory of India, but it is to be the living centre of (the) administration...a conception of orderly government' -Herbert Baker

At the time of its conception, it was one of the largest such projects in the world.

- Layers of history – events, design, intent, politics and poetics, criticism.....
- Appreciate rich heritage of the place
- Make interventions that liaise with these
- Bring context driven and appropriate, acceptable solutions to problems

**Coordinated By**  
**Prof. Sahana Ganesh**  
**Prof.(Dr) Deepika Shetty,**

## Guest Lecture on “Urban design understanding of Central Vista” Delhi

**15<sup>th</sup> September 2021**

The Lecture from the expert **Ar. Falguni Budhraj** was very interesting in terms of the ground realities were brought to light. The expert has worked extensively in this project and has a thorough knowledge on the history, development and the existing scenario of the context. She has very well conveyed the background of this project context to the students. This was quiet awakening for the students and a real great opportunity to understand the context of study through the expert from various perspective.

# MSAP NEWS 2021



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## REDUCE THE AMOUNT OF ENERGY I USE

### WORLD GREEN BUILDING WEEK 2021 IGBC STUDENTS CHAPTER

Sapling plantation by  
**Dr.(Prof) Deepika Shetty, Director - MSAP**



#Buildresilience #WGBW2021 #igbconline

WORLD GREEN BUILDING WEEK  
20-24 SEPTEMBER 2021

WORLD GREEN BUILDING COUNCIL  
BUILDING RESILIENCE  
For a healthier, greener and sustainable world.



**THIS WORLD GREEN BUILDING WEEK**  
I, Kruthika Madhokar MSAP Faculty  
PROMISE TO  
**Reduce the amount of energy I use**



**THIS WORLD GREEN BUILDING WEEK**  
I, Sonali Walimbe MSAP Faculty  
PROMISE TO  
**Reduce the amount of energy I use**



**THIS WORLD GREEN BUILDING WEEK**  
I, Sowden Chappow MSAP Faculty  
PROMISE TO  
**Reduce the amount of energy I use**



**THIS WORLD GREEN BUILDING WEEK**  
I, Anupama Pavithran MSAP Faculty  
PROMISE TO  
**Reduce the amount of energy I use**



**THIS WORLD GREEN BUILDING WEEK**  
I, Preethi Balimani MSAP Faculty  
PROMISE TO  
**Take a lead in creating a healthier, greener and sustainable learning environment**



**Coordinated By**  
**Prof. Kruthika M**  
**Prof. Anupama Pavithran**

## World Green Building Week 2021 IGBC Student Chapters 20<sup>th</sup> - 24<sup>th</sup> September 2021

MSAP celebrated “World Green Building Week” 2021 on behalf of IGBC Student Chapters from 20<sup>th</sup> – 24<sup>th</sup> September 2021. Students and Staff of MSAP contributed in sharing the promise campaigns and participated in the survey conducted on the initiatives taken by them in their daily routine to reduce the energy consumption. In addition, an event on sapling plantation was organized at MSAP through the hands of **Dr. (Prof.) Deepika Shetty** to promote sustainability on the campus.



# MSAP NEWS 2021



Manipal School of Architecture and Planning, Manipal, Karnataka

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## Orientation Program -2021

for  
(B.Arch.B.Des.ID/&FD.M.Arch M.Des./SD&ID/MAFM)  
Batch of 2021-22

**MANIPAL SCHOOL OF ARCHITECTURE AND PLANNING**

*Line - up - Morning (9:00 am -11:45 am)*

- Welcome Address by Director MSAP.
- Presidential Address by Registrar.
- Speech by Guest of Honor.
- Vote of thanks.

*End of Formal program*

- Introduction to institute and its activity by Director, MSAP
- Address by Student affairs MAHE, MIT.
- Address by Chief Warden
- Presentation by Student council
- Vote of thanks.

*Afternoon (2:30 pm -4:30 pm)*

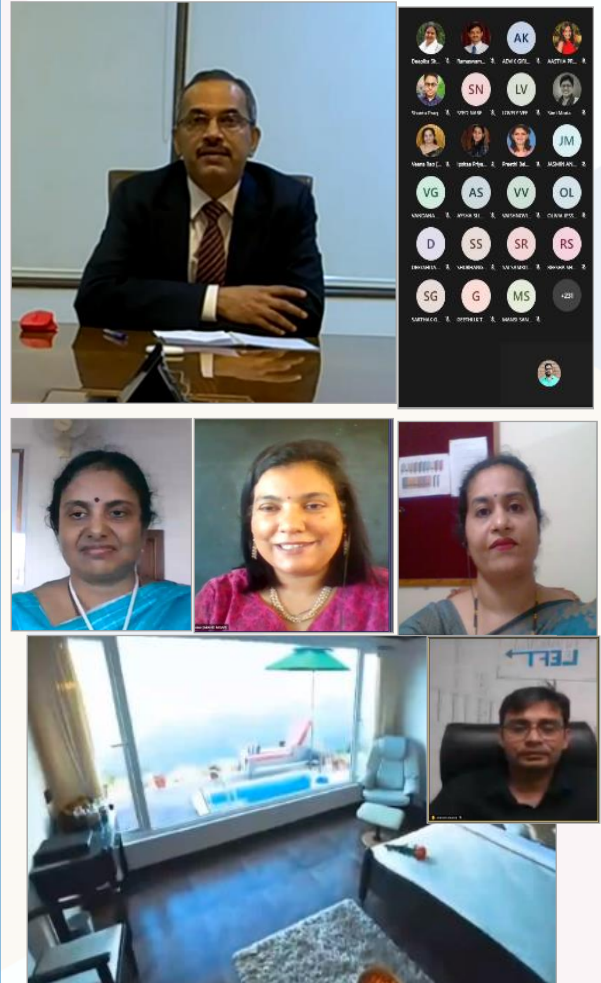
- Plenary presentation by Guest of Honor Ar. Avinash Singh

**Date: 24th September 2021**  
**Time: (9:00 am- 11:45 am)**  
**Online platform: MS Teams.**

President  
Dr. Narayana Sabhahit  
Registrar, MAHE,  
MANIPAL.

Guest of Honor  
Ar. Avinash Singh  
Founder, ARK Village 24 DSPL

Director  
Dr. Deepika Shetty  
Director, MSAP, MANIPAL.



Coordinated By  
MSAP Team

## Orientation program for 1st Year B. Arch., B. Des. (ID), B. Des. (FD), M. Arch, M.Des.(ID) and M. Des. (SD) and M.A.FM 24<sup>th</sup> September 2021

The program familiarized the students to the campus environment, its faculties and infrastructure. It enabled them to make essential connection with studies and develop network among other peers. Presidential address by Registrar **MAHE-Dr.Narayana Sabahit**. Guest of honor- **Ar.Avinash Singh**, Founder, Principal Architect Ark Village, New Delhi. Director **MSAP-Dr.Deepika Shetty** addressing the students. Vote of thanks by **Prof.Sonali Walimbe**

## Manipal School of Architecture and Planning, Manipal, Karnataka

**75th Azadi Ka Amrit Mahotsav** | **nidm** | **MANIPAL**

Manipal School of Architecture and Planning, Manipal Academy of Higher Education in association with National Institute of Disaster Management, Ministry of Home Affairs, Government of India organizing

3-day Online Training programme on  
**Vulnerability Assessment and Resilience Development for Human Habitats**  
27<sup>th</sup> – 29<sup>th</sup> SEPTEMBER 2021 at 02:00 PM – 04:30 PM

**PATRONS**

Maj Gen. M. K. Bindal  
Executive Director,  
NIDM, MHA, Govt

LL Gen. (Dr.) M. D. Venkatesh  
Vice Chancellor,  
Manipal Academy of Higher Education  
(MAHE), Karnataka, India

**PROGRAMME CHAIR AND CONVENER**

Dr. Anil K Gupta  
Head of Division, ECDRM,  
NIDM, MHA, Govt

Prof. (Dr.) Deepika Shetty  
Director, Manipal School of  
Architecture and Planning (MSAP),  
MAHE

**KEY SPEAKERS**

Prof. R. D. Gang  
Professor,  
Department of Civil Engineering,  
IIT Roorkee, Uttarakhand

Mr. Anand Sharma  
Additional Director General,  
India Meteorological Department,  
New Delhi

Dr. Himanshu Arora  
Assistant Professor,  
Department of Civil Engineering,  
MNIT, Jaipur

Dr. Rakesh Ranjan Thakur  
Project Scientist,  
Odisha Space Applications Centre  
(OSAC), Odisha

Dr. Kopal Verma  
Junior Consultant, ECDRM,  
NIDM, MHA, Govt

Ms. Fatima Amin  
Young Professional, ECDRM,  
NIDM, MHA, Govt

Mr. Anoop Kumar  
Shukla  
Assistant Professor,  
MSAP, MAHE

Ar. Naga V S K  
Managragada  
Assistant Professor,  
MSAP, MAHE

**COORDINATORS**

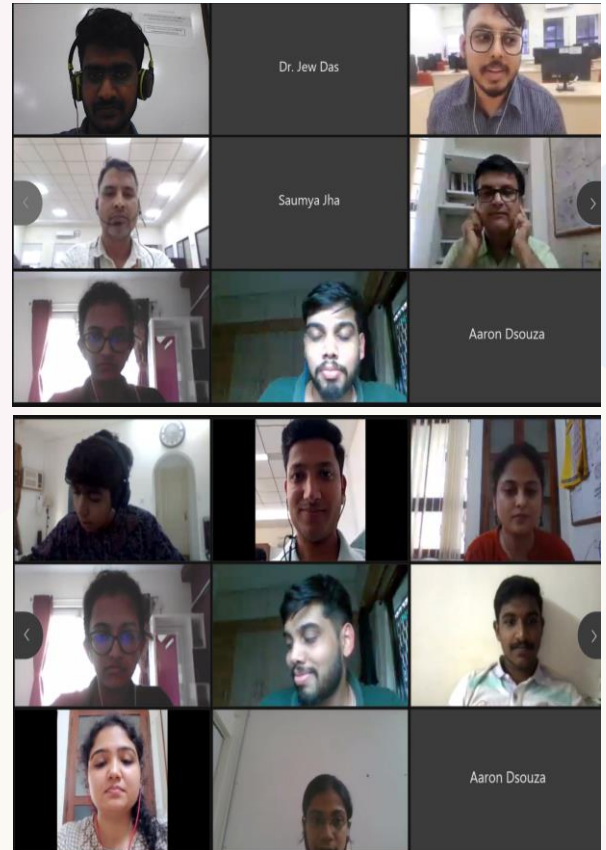
Mr. Harshit  
Sharma  
Young Professional,  
ECDRM/NIDM

Dr. Jew Das  
Research Associate,  
Department of Civil Engineering,  
IIT Varanasi

**YouTube Live**

Day 1: [https://youtu.be/\\_Rtj0C9w](https://youtu.be/_Rtj0C9w)  
Day 2: <https://youtu.be/38Lw0faw0>  
Day 3: <https://youtu.be/8G2N8WtM>

**Registration Link**  
<https://training.nidm.gov.in/>



*Coordinated By*  
**Prof.(Dr) Deepika Shetty**  
**Prof.(Dr) Anoop Kumar Shukla**  
**Prof. Naga Venkata Sai Kumar M**

## Online Training - Vulnerability assessment and resilience development for human habitats

27<sup>th</sup> - 29<sup>th</sup> September 2021

The aim of the 3-day online training program was to gather consortia contemplated of stakeholders from various disciplines to discuss and disseminate the knowledge on vulnerability assessment and resilience development for human habitats. The Eminent faculty from IITs and NITs, Scientists and Engineers from government bodies, industry, and Faculty from MSAP, MAHE delivered lectures to 285 participants.

Manipal School of Architecture and Planning, Manipal, Karnataka



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MANIPAL  
(A constituent unit of MAHE, Manipal)

DEPARTMENT OF DESIGN PRESENTS

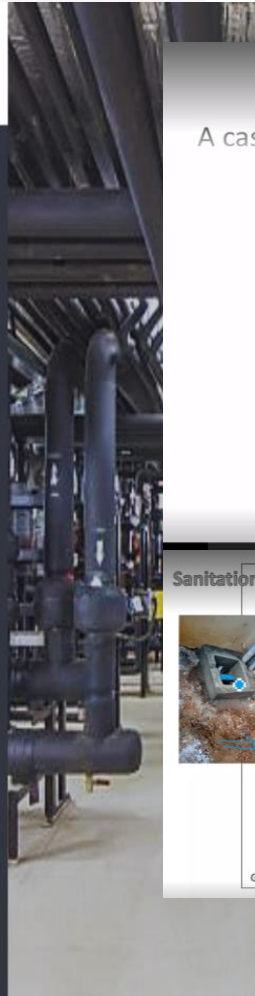
## AN APPROACH TO INTERIOR DESIGN SERVICES THROUGH CASE STUDIES

Guest lecture by -

Ar. MEGHASHREE ALAMPALLY

SEPTEMBER 29, 2021 | 10AM - 12PM  
VIA MS TEAMS

Coordinated by: Athira T



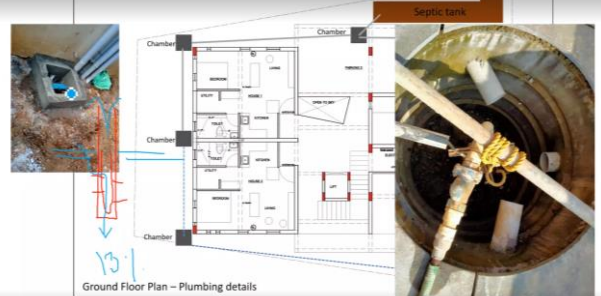
## Building Services

A case study – Residential Project Manipal



A Project by Ar. Meghashree A

## Sanitation



Coordinated By  
Prof. Athira T

## Guest lecture on 'An approach to Interior Design services through Case studies'

29<sup>th</sup> September 2021

Expert lecture was a good opportunity for students to interact with distinguished resource person from the industry. The lecture helped the students of various semesters and programs to enhance their knowledge of building services concepts. The talk was very informative in terms of practical approach towards precast construction technology through case studies

Manipal School of Architecture and Planning, Manipal, Karnataka

## vAstu purusha mandala

- Energy lines are created along the cardinal directions to bring about integrity and balance in the structure.

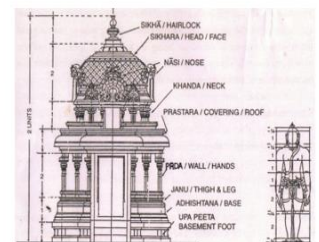


### Contemporary Works

Manimandapam Pollachi:  
Carved out of a single stone



### Temple as purusha




### Maya

rathakara –  
carpenters,  
makers of rathas,  
furnitures,  
wooden images,  
implements, and  
ship builders




GUEST LECTURE ON  
**THE DESIGN PRINCIPLES OF VASTUSHASTRA**  
DATE : 1<sup>ST</sup> OCTOBER 2021, FRIDAY  
TIME : 10 AM TO 12 AM IST



Smt. SASHIKALA ANANTH

AN ARCHITECT FROM MADRAS SCHOOL. A RESEARCHER IN THE FIELD OF VASTU. SHE'S BEEN INSTRUMENTAL IN BRINGING THE ANCIENT INDIAN TRADITIONS TO AN ENTIRE GENERATION OF ARCHITECTS AND DESIGNERS

JOIN US ON TEAMS



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Coordinated By  
Prof. Anupama Pavithran

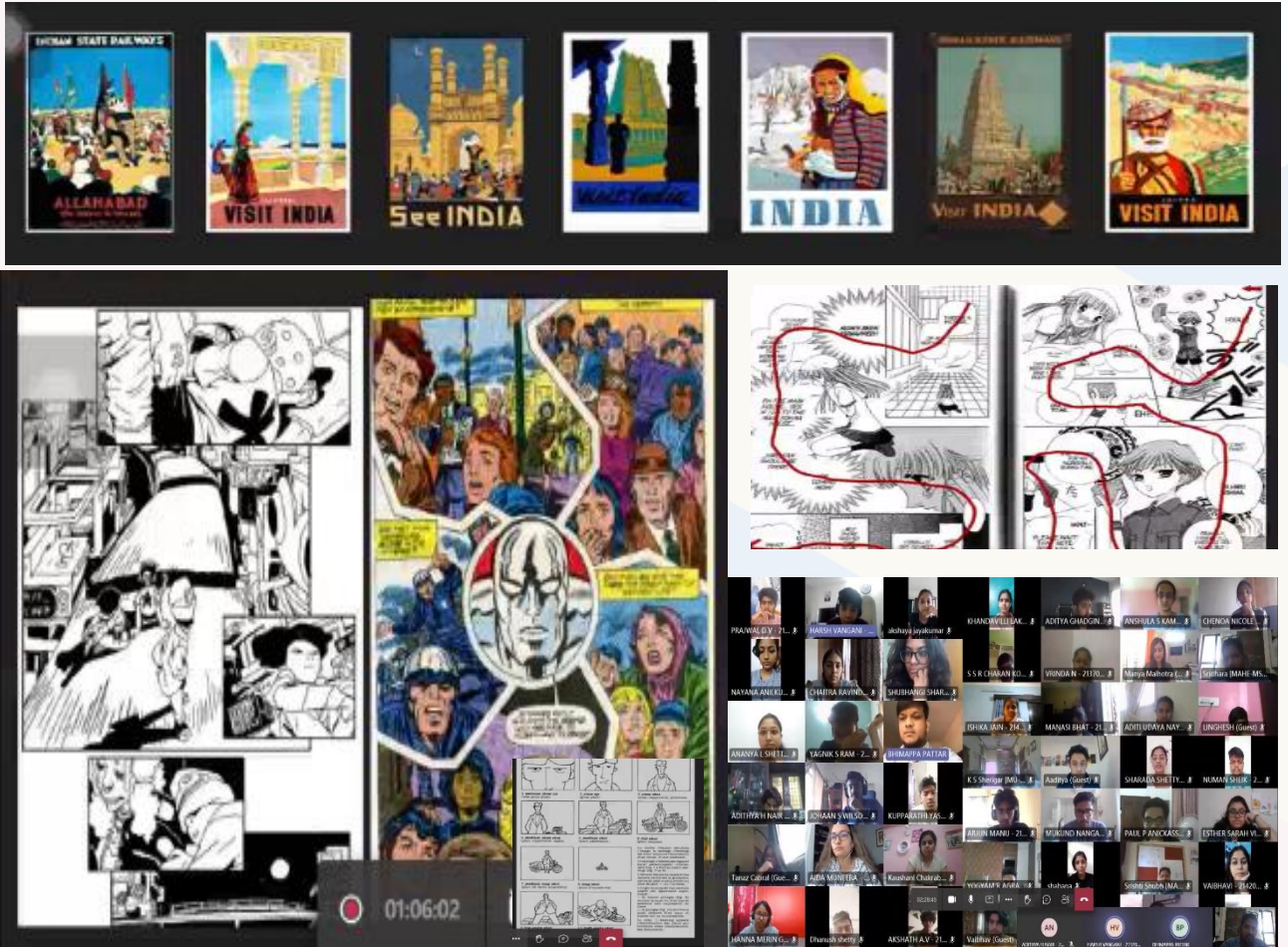
## Guest lecture on 'The design principles of Vastu shastra' 1<sup>st</sup> October 2021

**Ar.Sashikala Ananth** one of the foremost experts in the field of Vaastu Shastra. An architect by qualification and holding bachelor's degree in Architecture from the madras school of architecture. She shared her experience and addressed the students about the importance of vastuvidya and traditional architecture in modern life.

# MSAP NEWS 2021



Manipal School of Architecture and Planning, Manipal, Karnataka



*Coordinated By  
Prof. Sridhara*

## **Graphic Novel Workshop by Narayan Pattar** 4<sup>th</sup> October 2021

The “Graphic Novel” workshop organized for the First semester students by MSAP faculty **Sridhara** to understand the basic principle of design and composition with their own stories.

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**MANIPAL**  
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MANIPAL SCHOOL OF PLANNING AND ARCHITECTURE  
DEPARTMENT OF DESIGN

Guest Lecture on  
**DESIGN CONSIDERATIONS  
IN INTERIOR  
LANDSCAPING**

By **Shivram Somasundaram**  
Landscape Architect (M.arch)

October 4 2021 | 10 AM  
via : MS Teams

Coordinators - Dr.Nandineni Rama Devi, Haritha M K

HOW TO ACHIEVE A GOOD INTERIOR LANDSCAPE DESIGN?  
**OUTCOME OF A GOOD PLAN AND DESIGN**

**INTERIOR LANDSCAPE DESIGN**

Manipal School of Architecture and Planning, Manipal  
Presented by Shivram Somasundaram on 4<sup>th</sup> October 2021

HOW TO ACHIEVE A GOOD INTERIOR LANDSCAPE DESIGN?  
**AQUAPONICS AND AERAPONICS**

**AQUAPONICS**  
Hydroponics with addition of aquaculture  
Fish's waste offers rich organic manure  
Plants provide oxygen for the fish  
Symbiotic association: plants and fish

**INTERIOR LANDSCAPE DESIGN**

Manipal School of Architecture and Planning, Manipal  
Presented by Shivram Somasundaram on 4<sup>th</sup> October 2021

**INTERIOR LANDSCAPE DESIGN**  
MANIPAL SCHOOL OF ARCHITECTURE AND PLANNING  
MAHE, MANIPAL

Participants: SA, SS, MK, ML

*Coordinated By  
Prof.(Dr) Nandineni Rama Devi  
Prof. Haritha M K*

## **Guest Lecture Interior Landscape Design 4<sup>th</sup> October 2021**

The various aspects of Landscape design, its importance in interior spaces and the current trends of the field was explained in the by **Ar. Shivram**. The students were able to understand the different characteristics of plants, their suitability to indoors, and the diverse techniques that are applied in interior landscape designs.

# MSAP NEWS 2021



Manipal School of Architecture and Planning, Manipal, Karnataka

**HEALTH AND OUR ENVIRONMENT**  
A CREATIVE EVENT

CREATE POSTERS AND VIDEOS TO RAISE AWARENESS

ONLINE EVENT

Best work's will be added to our social media platforms. Come join us!

**DATE: 30/09/21 to 06/10/21**

For any queries contact:

Nikhil Sumendra Kohale  
VPI INCHARGE  
MSAP, MAHE

Lulwa Khaleel  
VPI ASSISTANT  
MSAP, MAHE

VSO

**HEALTH AND OUR ENVIRONMENT**

## NATURAL LIGHTING

As a result of COVID, most of us are left indoors, with little to no sunlight accessible and instead exposed to the blue light from our phones and laptops.

IT IS TIME TO GIVE OURSELVES THE NATURAL SUNLIGHT WE NEED

Our bodies require Vitamin D from the sun, which is essential to build our immunity and preserve our physical health. Sunlight also helps boost our mental health by instilling a peaceful energy and brightening up one's day.

Let us connect with our environment by spending atleast 30 mins a day in the sun, LET YOUR SKIN BREATHE

Plants supply the air we breathe and the water we drink  
Greenery enhance our quality of life  
provide the raw materials that sustain our life  
Prevents of soil erosion

Conserve Greenery

### IS YOUR HOME SICK?

Did You Do A Health Check-Up For Your Home??

**Symptoms Check List**

- Is Your Home Choking?
- Does Your Home Breathe?
- Does Your Home, See Light?

**Prescription**

Check for ways to allow Natural air into your home for its easy breathing

Check for ways for Daylight to enter your home for healthier life

**NOTE**

Natural Ventilation and Natural Lighting helps to live a happy healthy & A Happy Home = A Happy You!

### The Benefits of Natural Light

For Our Bodies And Minds

- Natural light gives us Vitamin D**  
Vitamin D is the key ingredient in strong bone development - our body needs it to absorb calcium, and it helps us to develop in infancy and as we grow.
- Natural light improves our productivity and focus**  
Natural light has been linked to improved focus, efficiency, and less illness with reduced absenteeism.
- Natural light helps our body clock keep time**  
Getting some sunlight throughout the day can retime our bodies to the natural rhythms of enjoying our sleep, and with it our effectiveness the next day.
- Natural light improves psychological wellbeing**  
The benefits of natural light on the way we feel don't just apply to our physical wellbeing, but also to our psychological health and mood. A lack of daylight can make us feel down, depressed and anxious.

Natural light can benefit our buildings:

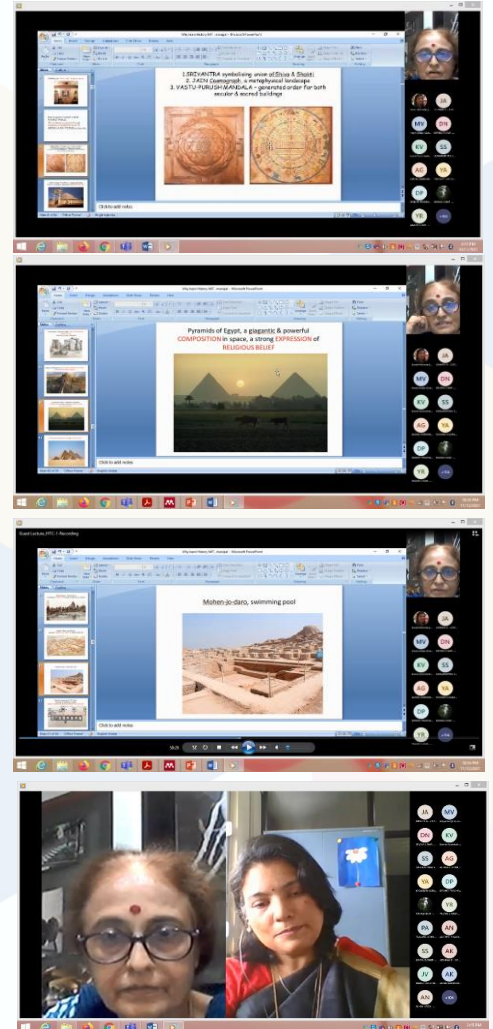
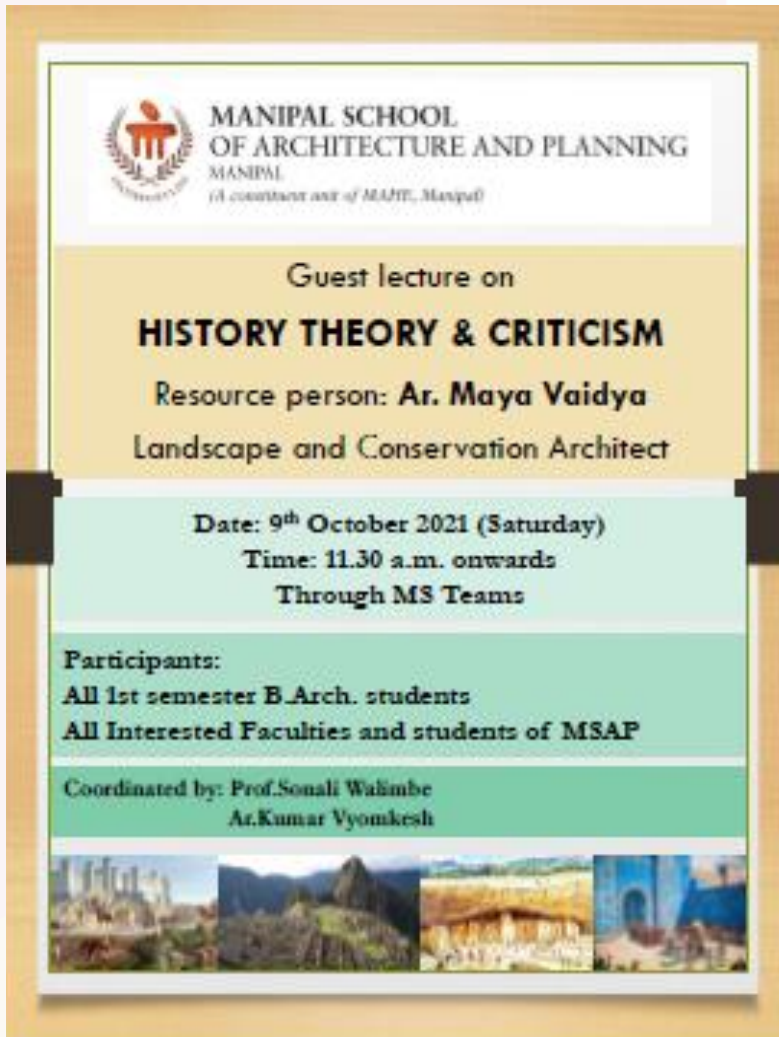
- Natural light can improve energy efficiency**  
Opting to use natural light as your primary source in your home or commercial property will not only shave precious pennies off your electricity bills but will also enable you to reap all the other benefits natural light has on your health.
- Natural light can help prevent mould**  
Mould thrives in the dark and making sure your home is exposed to plenty of sunlight can help prevent the spores from taking hold (which might sound like the operation of a particularly cheery B movie but is surprisingly accurate).

Coordinated By  
Prof. Nikhil S Kohale  
Prof. Lulwa Khaleel

## Daan Utsav 2021 was celebrated MSAP,MAHE 4<sup>th</sup> October 2021

Daan Utsav 2021 was celebrated Manipal School of Architecture and Planning, MAHE, between 30 September to 6 October 2021. This time the theme was to raise awareness towards the health of our built environment and its inhabitants. Participants were encouraged to create posters, and/ or videos to spread awareness about the health of various aspects and elements of our built environment as well the health of its inhabitants, be it physical health or mental health.

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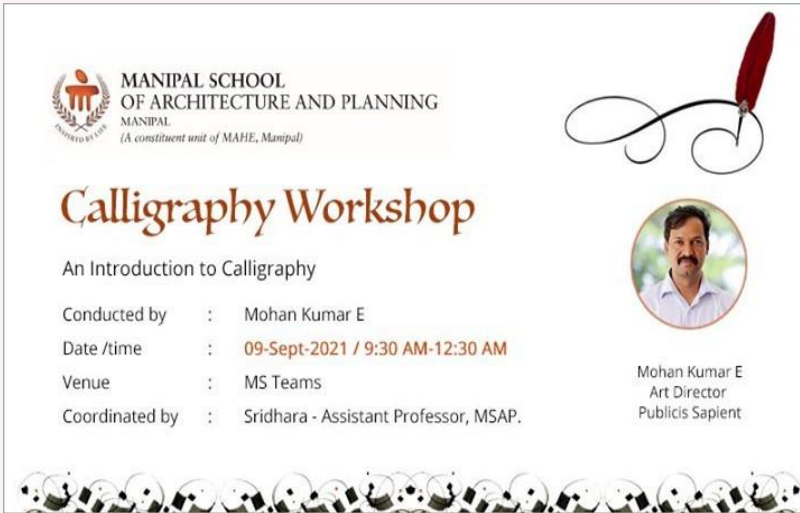
*Coordinated By  
Prof. Sonali Walimbe*


## **Guest lecture history theory & criticism 9th October 2021**

The lecture by **Ar. Maya Vaidya** helped the students get an overview of the subject (HTC) they will learn across different semesters. The subject expert explained the need to study the course and interpret the language the buildings it conveys. Through various examples the students were explained the importance of buildings, what they said about the vision of architect/builder, and how they reflected the values of the society of which they are a part.



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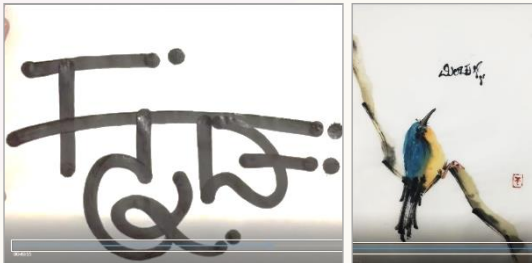
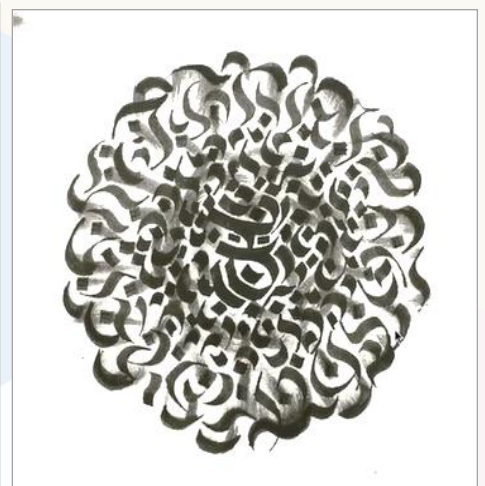
## Calligraphy Workshop

An Introduction to Calligraphy

Conducted by : Mohan Kumar E  
Date /time : 09-Sept-2021 / 9:30 AM-12:30 AM  
Venue : MS Teams  
Coordinated by : Sridhara - Assistant Professor, MSAP.



Mohan Kumar E  
Art Director  
Publicis Sapient



*Coordinated By  
Prof. Sridhara*

## Calligraphy Workshop by Mohan Kumar E 9<sup>th</sup> October 2021

The “Calligraphy” workshop organized for the First semester students of B.Arch and DOD , to understand the basic writing skill and how implement it in the templet while presentation. Students learnt the basics of calligraphy writing and able to use this skill in their presentation.

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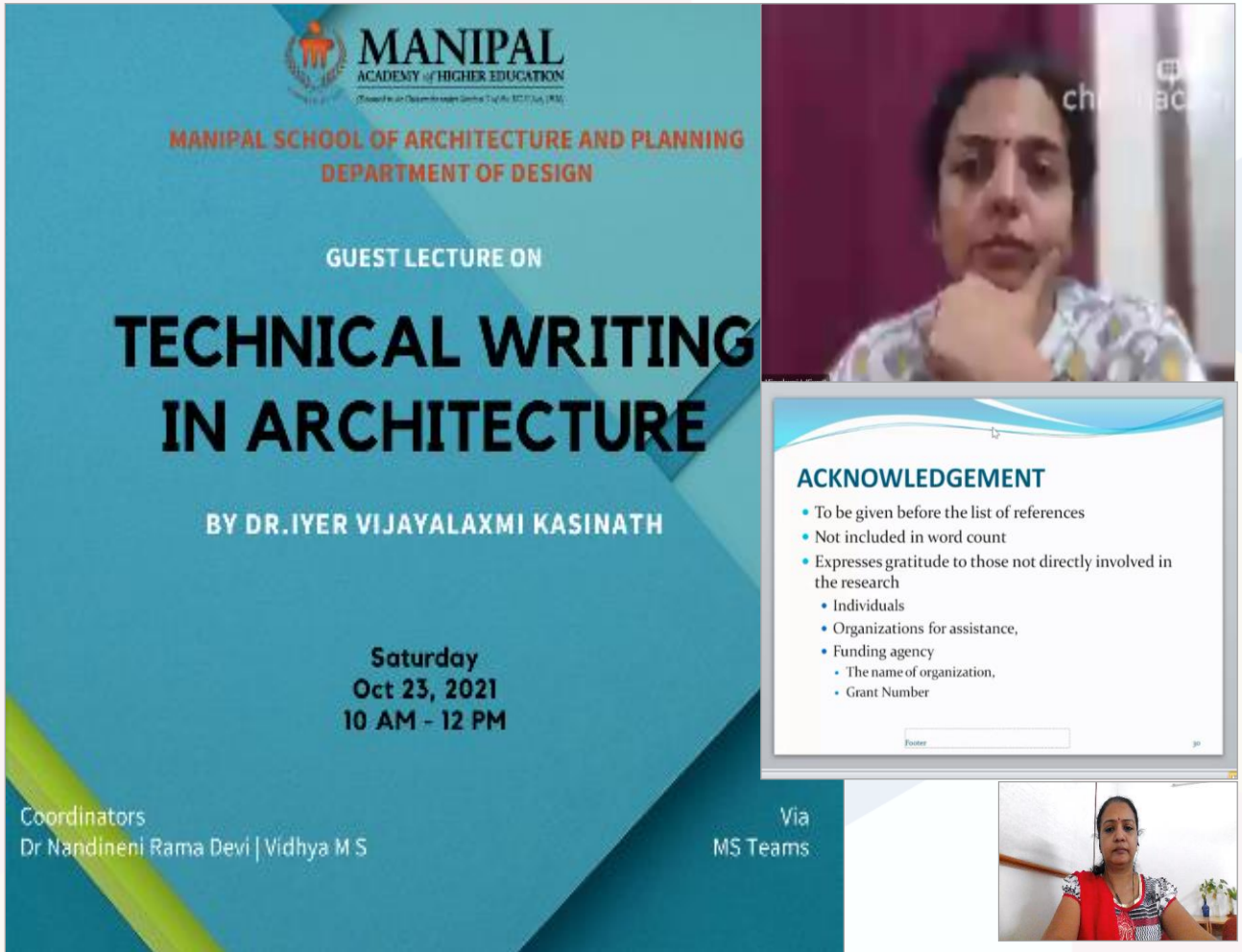


*Coordinated By  
Prof. Nagaveni N*

## **Guest Lecture on Couture Design** **23<sup>rd</sup> October 2021**

Online guest lecture on “Couture Design” held on 23rd October 2021, through MS Teams by **Mr. Aniket D. Patil**, Founder, Kvānh Clothing, Mumbai and Guest faculty at NIFT Mumbai, shared his experience and addressed students about the importance of design process and Couture design techniques to be considered during garment construction. He motivated the students to be a good observer and also to give importance for Design Process, Ethical and Sustainable Fashion.

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ACADEMY of HIGHER EDUCATION  
(Established in an Ordinance under Section 3 of the B.E. Act, 1986)

**MANIPAL SCHOOL OF ARCHITECTURE AND PLANNING**  
**DEPARTMENT OF DESIGN**

GUEST LECTURE ON

## TECHNICAL WRITING IN ARCHITECTURE

BY DR. IYER VIJAYALAXMI KASINATH

**Saturday**  
**Oct 23, 2021**  
**10 AM - 12 PM**

Coordinators  
Dr Nandineni Rama Devi | Vidhya M S

Via  
MS Teams

### ACKNOWLEDGEMENT


- To be given before the list of references
- Not included in word count
- Expresses gratitude to those not directly involved in the research
  - Individuals
  - Organizations for assistance,
  - Funding agency
    - The name of organization,
    - Grant Number

*Coordinated By*  
*Prof.(Dr) Nandineni Rama Devi*  
*Prof. Vidhya M S*

## **Guest Lecture on Technical writing in architecture** **23<sup>rd</sup> October 2021**

A Guest Lecture on “TECHNICAL WRITING IN ARCHITECTURE” was given by **Dr.Iyer Vijayalaxmi Kasinath** who is a PhD in architecture, with 25 yrs. of academic experience and Professor at SPA Vijayawada. The online event was hosted in MS Teams by Associate professor Ar.Vidhya M.S as on Online event thro MS Teams. It was attended by over 52 students and 5 faculty. The outcome of the guest lecture is that students will be able to follow the technical writing template discussed to write their paper for publication in conference papers.

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## CYBER SECURITY AWARENESS

Conducted on the occasion of  
**National Cyber Security Awareness Month**  
October 2021

**Date of the event - 23<sup>rd</sup> October 2021**  
**Time: 10:00 AM to 11:00 AM**  
**Join via TEAMS**

**SCHEDULE**

1. Guest lecture by **Ar. Naga Venkata Sai Kumar Manapragada**
2. Pledge Taking Ceremony by **Ar. Vishal Chetty**
3. **Poster-making competition** for Undergraduate, Postgraduate, Ph.D. scholars, and research scholars of MSAP, MAHE

**Note:** All the participants of Poster making competition will receive Certificate of Participation and 03 winners will receive Certificate of Merit.

**COORDINATORS**

**Prof. (Dr) Nandineni Rama Devi**  
Director  
Manipal School of Architecture & Planning

**Ar. Vishal Chetty**  
Assistant Professor  
Manipal School of Architecture & Planning

**Ar. Naga Venkata Sai Kumar Manapragada**  
Assistant Professor  
Manipal School of Architecture & Planning

We are living in the  
**Interconnected world**

**Cyber attack**

कार्य पढ़िये | Read Pledge

**I pledge**

- To be more cyber aware and alert in safeguarding myself, my family and friends against possible cyber crimes or online frauds, by following good cyber hygiene practices online at home/office/school.
- To always be careful with passwords and never share them with anyone and keep changing them frequently while using different passwords for different accounts.
- To never share financial details like Debit Card/Credit Card/PIN/OTP with anyone.
- To never publish or share my personal and private details like pictures, full name, date of birth, school address, parents' details, etc. online openly with everyone.
- To think before I click on suspicious links/email attachments/advertisements/free offers/free antivirus, etc. circulated online.
- To refrain from cyber bullying, posting any inflammatory or derogatory comments or posts on social media.
- To encourage friends, family and others in my community to do the same and put efforts to make cyber safety a habit.
- To be a responsible citizen of India in playing my part for ensuring a safer cyberspace for all.

**Cyber security threats for Faculties**



**PHISHING**  
Marks the start of **OVER 95%** of modern cyberattacks.

**DISTRIBUTED DENIAL-OF-SERVICE (DDoS)**  
Can cost victims up to **\$4,000 PER HOUR**.

**DATA BREACH**  
Attacks nearly **TRIPLED** in the last year.\*

**RANSOMWARE**  
Impacted **89** universities, colleges & school districts in 2019.

**BOT VULNERABILITIES**  
Responsible for an average of **5,200 ATTACKS PER MONTH**.

Source: Cybersecurity in Education: What Teachers, Parents and Students Should Know | Berkeley Scott Center


**Coordinated By**  
**Prof.(Dr) Nandineni Rama Devi**  
**Prof. Naga Venkata Sai Kumar M**  
**Prof. Vishal Chetty**

## Event titled **Cyber security Empowerment of Higher Education Institutes (HEI)**

**23<sup>rd</sup> October 2021**

Manipal School of Architecture and Planning, MAHE and University Grants Commission is organised an event titled “Cyber security Empowerment of Higher Education Institutes (HEI)” to make cyber security more accessible, available, and adaptable for HEI. The event covered the topic of Crowd-sourcing cyber security to garner the requisite push for capacity building and keeping personal and institution and university data safe through better cyber hygiene.

## Manipal School of Architecture and Planning, Manipal, Karnataka



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**GUEST LECTURE**

**COURSE: PROFESSIONAL PRACTICE & MANAGEMENT**

**TOPIC: OFFICE SETUP & MANAGEMENT**

**DATE:**  
**26TH OCT**

**TIME:**  
**2:00 PM**  
**ONWARDS**



**GUEST SPEAKER: AR. ALEX JACOB**  
PRINCIPAL ARCHITECT  
ALEX JACOB ARCHITECT,  
BANGALORE.

Ar. Alex Jacob, is a renowned Architect and Entrepreneur, who has his practice in Bangalore. Graduated from MIT-Manipal in the year 1984 and started his office in the year 1992. He has worked for eminent architects such as Architect-VK Giridhar and Charles Correa. His firm 'Alex Jacob Architect' offers services for Architectural design, Interior solutions, landscape design, furniture designs, etc.

Meeting Link:  
[PPM Guest Lecture: Office setup & Management](#)

COORDINATED BY:  
AR. SHRIHARSH DIXIT & AR. SATYAPRAKASH DAS

### 2. REGISTRATION

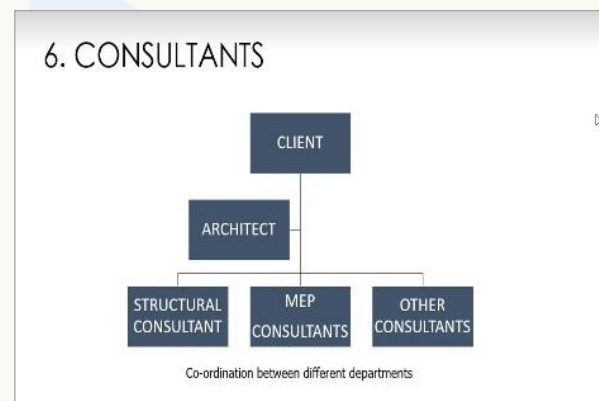
With,

**COA** – Council Of Architecture 

**IIA** – Indian Institute of Architects 

**IIID** – INSTITUTE OF Indian Interior Designers 

This information can be given to you by the department



*Coordinated By*  
**Prof. Shriharsh Dixit**  
**Prof. Satyaprakash Das**

## Guest Lecture on Professional Practice & Management 26<sup>th</sup> October 2021

**Ar. Alex Jacob** was invited to give the insights of topic 'Architectural Office setup and Management'. This guest lecture was conducted online on MS Teams and students of 7th Semester B. Arch participated in this guest lecture. This lecture covered various subtopics related to the subject. Outline of the lecture is the structure of an office and its management. Develop the conditions and scale of charges: engagement as per the norms.

Manipal School of Architecture and Planning, Manipal, Karnataka

Guest lecture on  
**ETHNOGRAPHY**  
Resource person: **Dr. Sumita Rege**  
Associate Professor, Department of Occupational Therapy, MCHP, MAHE

Date: 27<sup>th</sup> October (Wednesday) 2021, 2.30 p.m. Through MS Teams

Ethnography aims to describe life as it is lived and experienced, by a people, somewhere, sometime. It is the primary method of social and cultural anthropology, but it is integral to the social sciences and humanities .

Learning outcome : The participant will be able

- Define the goals and objectives of ethnography
- Discuss the methods and ethics of ethnographic study
- Conduct a basic cultural study using ethnographic methods, objectives, and frames of analysis



**Participants:**

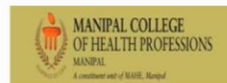
- B.Des students enrolled for the course on sociology and anthropology studies
- 3<sup>rd</sup> semester M.Des students
- All Interested Faculties of MSAP

Coordinated by: Prof. Sonali Walimbe



## Steps in conducting an ethnography

- Preparation
- Field Study
- Analysis
- Reporting



## Ethnography

27-10-2021  
Dr. Sumita Rege  
Associate Professor,  
Department of Occupational Therapy  
MCHP, Manipal



*Coordinated By  
Prof. Sonali Walimbe*

## Guest lecture history theory & criticism

28<sup>th</sup> October 2021

**Dr. Sumita Rege**, Associate Professor, Department of Occupational Therapy, MCHP, MAHE spoke about Ethnography which is a type of qualitative research method of observation to gather non-numerical data. This type of research "refers to the meanings, concepts, definitions, characteristics, metaphors, symbols, and description of things" and not to their "counts or measures". In this method the researchers observe and/or interact with a study's participants in their real-life environment.

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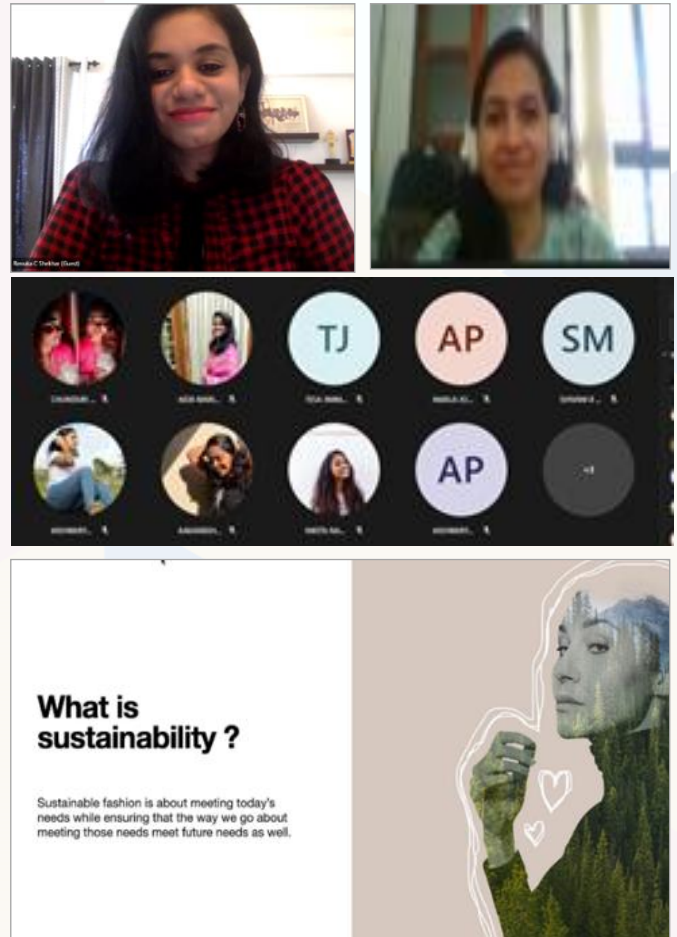
## Forecasting Fashion & Sustainability

Guest lecture by

**Renuka C Shekhar**  
A Business Coach, International Trainer,  
Writer, an Avid Blogger & the founder of  
"CLIMATE".

Venue: Microsoft Teams  
Date: 6th November 2021  
Time: 10:00-11:00 am

Coordinated by Dr. Resmi G,  
Dept. of Design, MSAP



What is sustainability ?

Sustainable fashion is about meeting today's needs while ensuring that the way we go about meeting those needs meet future needs as well.

Coordinated By  
Prof.(Dr) Resmi G

## Online guest lecture Forecasting Fashion and Sustainability 6th November 2021

The Online session on “Forecasting Fashion and Sustainability” by **Ms. Renuka C Shekhar** was very informative. The expert had given a clear picture of the significance of implementing sustainable fashion practices from the consumer and designer levels to save the environment. The influence of sustainable practices on the fashion forecasting process was also briefed, along with identifying the trends and forecasting fashion.

# MSAP NEWS 2021



Manipal School of Architecture and Planning, Manipal, Karnataka



*Coordinated By*  
*Prof.(Dr) Nandineni Rama Devi,*  
*Prof. Krutika Ajit Madkaiker,*  
*Prof. Ganesh Urala*

**Celebration of National Education Day**  
**11 November 2021**

MSAP celebrated “National Education Day” on 11<sup>th</sup> November 2021. A seminar was arranged to disseminate the importance of National Education Day and to acknowledge the contribution of Maulana Abdul Kalam Azad in the field of education.



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Guest Talk by

**Dr Ashima Sood**, *PhD Cornell*

Associate Professor, Anant National University

Friday, December 3, 16:00 hrs IST On Microsoft Teams

Manipal School of Architecture and Planning, invites you for a Guest Talk discussing Emerging Trends in India's urbanization under the learning & practice area of City Futures

"Speculative Urbanization In India?"

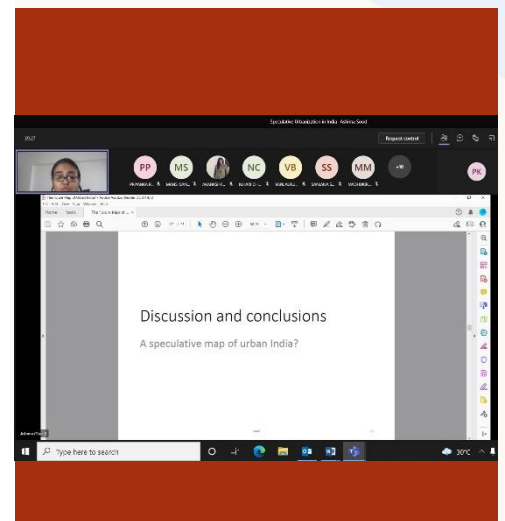
**Abstract:** What is the nature and scale of greenfield urban development in post-2000 India? This paper presents findings from a novel database of mega-urban developments, compiled from a private dataset of real estate investments. We argue that the geographic spread and nature of initiative in upcoming developments highlight a noticeable shift in the direction of the urban development agenda in India. This study suggests remarkable forms of geographic polarization, with large-scale private actors in real estate consolidating urban development in metropolitan India while the majority of India's urban population in smaller urban centres relies on unorganized builders. This emerging speculative map of urban India has implications for governance, migration patterns, informal urban growth and socio-spatial inequalities in resource use that we are only beginning to trace.

**About the Speaker:** Dr Sood's work has combined qualitative and quantitative methods to examine the forms and origins of informality in Indian cities. Her research has been published in avenues ranging from *Urban Studies*; *Cities*; *Territory, Politics, Governance*; *Journal of Institutional Economics*; *Marg*, *the Economic and Political Weekly*; the *India International Centre Quarterly*, to the *Wiley-Blackwell Encyclopaedia of Urban and Regional Research* and the *World Social Science Report 2013*, and others. She is working on a monograph titled *Capital Citizens*, looking at models of private local government in Indian growth hubs. Her work has received funding and/or fellowships from the Urban Studies Foundation, the India Foundation of the Arts, the Azim Premji University Foundation, the Indian Institute of Advanced Study and the Centre de Sciences Humaines

Prof. (Dr.) Nandineni Rama Devi  
Director, MSAP

Prof. Purushottam Kesar  
Associate Professor, MSAP

Link for the Guest Talk: <https://bit.ly/3G2Kz2E>  
RSVP : [office.msap@manipal.edu](mailto:office.msap@manipal.edu)



Coordinated By  
**Prof.(Dr) Nandineni Rama Devi**  
**Prof. Purushottam Kesar**

## Guest Lecture by Dr. Ashima Sood on Speculative Urbanization in India ?

3<sup>rd</sup> December 2021

The discussion of the presentation relates to what is the nature and scale of greenfield urban development in post-2000 India? The presentation discusses findings from a novel database of mega-urban developments, compiled from a private dataset of real estate investments. The study suggests remarkable forms of geographic polarization, with large-scale private actors in real estate consolidating urban development in metropolitan India while the majority of India's urban population in smaller urban centers relies on unorganized builders.

## Manipal School of Architecture and Planning, Manipal, Karnataka

Manipal School of Architecture and Planning, Manipal Academy of Higher Education in association with National Institute of Disaster Management, Ministry of Home Affairs, Government of India organises a Webinar on

### Integrated Water Resource Management, Hydro-Resilience and Sustainability under Climate Change

16<sup>th</sup> DECEMBER 2021 from 02:30 PM – 04:00 PM

**PATRONS**

**Maj Gen. M. K. Bindal**  
Executive Director, NIDM, New Delhi, India

**Lt. Gen. (Dr.) M. D. Venkatesh**  
Vice Chancellor, Manipal Academy of Higher Education (MAHE), Karnataka, India

**PROGRAMME CHAIRS**

**Prof. (Dr.) Anil K Gupta**  
Head of Division, ECDRM, NIDM

**Prof. (Dr.) N. Rama Devi**  
Director, Manipal School of Architecture and Planning (MSAP), MAHE

**KEY SPEAKERS**

**Dr. Shray Pathak**  
Faculty, Department of Civil Engineering, NIT Kurukshetra, Haryana

**Prof. Chetan Sharma**  
Professor & Head, Department of Civil Engineering, JIET, Jodhpur

**Mr. Harshit Sharma**  
Young Professional, ECDRM, NIDM & Coordinator

**Ms. Fatima Amin**  
Young Professional, ECDRM, NIDM

**Dr. Kopal Verma Saini**  
Junior Consultant, ECDRM, NIDM

**COORDINATORS**

**Dr. Anoop Kumar Shukla**  
Assistant Professor, MSAP, MAHE

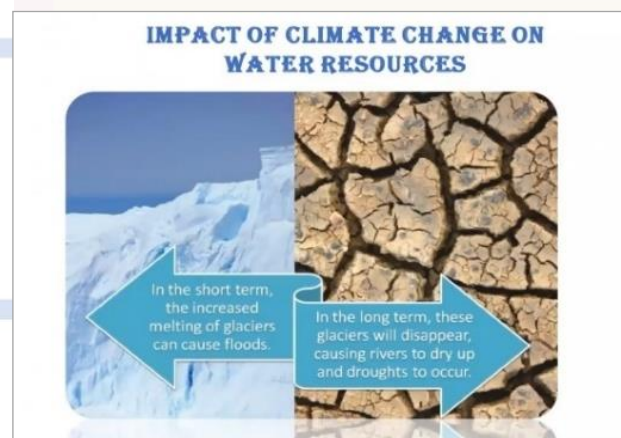
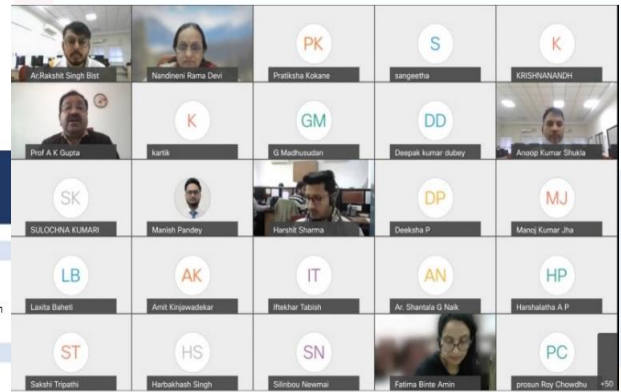
**Ar. Naga V S K Manapragada**  
Assistant Professor, MSAP, MAHE

YouTube Live  
<https://youtu.be/JCTBIDCFV5Q>

Registration Link  
<https://training.nidm.gov.in/>

Website: [www.nidm.gov.in](http://www.nidm.gov.in)

Stay Protected from Corona | Wear Mask properly | Follow Proper Hand Hygiene | Maintain Safe Distancing | Get Vaccinated



Coordinated By  
**Prof. (Dr) Anoop Kumar Shukla**  
**Prof. Naga Venkata Sai Kumar M**

## Integrated water resource management, hydro-resilience and sustainability under climate change

16<sup>th</sup> December 2021

One-day webinar was conducted disseminate the knowledge on the integrated water resource management, hydro-resilience and sustainability to mitigate climate change induced disasters. The aim was to gather consortia contemplated of stakeholders from various disciplines to discuss and disseminate the knowledge on vulnerability assessment and resilience development for disaster management. **The Eminent faculty from IITs and NITs, Scientists and Engineers from government bodies, industries, and Faculty from MSAP, MAHE delivered lectures to 164 participants across India**

## Manipal School of Architecture and Planning, Manipal, Karnataka

**3-Day online training programme on Geospatial Applications for Disaster Management**  
28th - 30th DECEMBER 2021 from 02:30 PM - 04:30 PM

**PATRONS**

Mr. Gen. M. K. Datta  
Director General  
NIDM, New Delhi, India

Dr. G. S. D. Venkatesh  
Vice-Chancellor  
Manipal Academy of Higher Education (MAHE), Karnataka, India

**PROGRAMME CHAIRS**

Dr. (Dr.) Anil K. Gupta  
Head of Division, IIT Bombay, Mumbai, India

Prof. (Dr.) N. Rave Devi  
Director  
National Centre of Architecture & Planning, Manipal, India

**KEY SPEAKERS**

Dr. Bhanu K. Jain  
Director, IIT Bombay, Mumbai, India

Dr. T. R. Ramachandra  
Associate Professor, Center for Geospatial Applications in Rural Development, NIDM, Bangalore, Karnataka

Dr. R. S. Desai  
Head, Design Studies, Land Resources, NIDM, Bangalore

Dr. Anil Kumar Lohani  
Senior Scientist, National Institute of Space Research, ISRO, Bangalore

Dr. M. V. Reddy  
Associate Professor, Center for Geospatial Applications in Rural Development, NIDM, Bangalore

Dr. N. Srinivas Shastri  
Senior Scientist, Department of Civil Engineering, IIT, Bangalore

Dr. Manish Mishra  
Assistant Professor, Civil Engineering Department, NIT Trichy

Dr. Jitesh Mohan Verma  
Professor, Assistant Director of Environmental Sciences, IIT, New Delhi

Dr. Sanku Bhatnagar  
Associate Professor, IIT, New Delhi

Dr. Naga Venkata Sai Kumar  
Assistant Professor, MSAP, MAHE

Dr. Anoop Kumar Shukla  
Assistant Professor, MSAP, MAHE

Dr. Naga Venkata Sai Kumar  
Assistant Professor, MSAP, MAHE

**Registration Link**  
<https://training.nidm.gov.in/>

**YouTube Live**  
Day-01: <https://youtu.be/8E90E-wCjBY>  
Day-02: <https://youtu.be/5w5mDyU1tgc>  
Day-03: <https://youtu.be/WREdYtR0o>

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**Website: www.nidm.gov.in**



*Coordinated By*  
**Prof. (Dr) Anoop Kumar Shukla**  
**Prof. Naga Venkata Sai Kumar M**

## Geospatial applications for disaster management 28<sup>th</sup> - 30<sup>th</sup> December 2021

The world is currently experiencing the early impacts of Climate change. Additionally, the increase in duration and occurrence of extreme events such as heatwaves, flooding, and cloud bursts is being observed. The rate of vulnerability is observed to be high for human-made ecosystems and their components that are complex. Especially, the habitats occupied by humans are predicted to be less resilient to the climate change impacts. Most of the human habitats in developing countries such as India are not equipped to handle low-intensity climate hazards. Thus, the proposed training was conducted to disseminate the knowledge on geospatial applications for management, resilience, monitoring, analysis, prediction, forecast, and hindcast various disasters. The Eminent faculty from IITs and NITs, Scientists and Engineers from government bodies, industries, and Faculty from MSAP, MAHE delivered lectures to 163 participants across India.

Manipal School of Architecture and Planning, Manipal, Karnataka

## Institutional Achievements

**India Today – Best Colleges Ranking – 2021** – MSAP has Awarded **9th Rank** in Architecture and DOD has Awarded **21st Rank** in Fashion Design Category - June 2021.

<https://manipal.edu/foa/news-events/2021---india-today-ranking-.html>

**The Outlook-ICARE Professional College Rankings 2021-** MSAP has Awarded as **2nd Rank** & DOD (Fashion Design) has Awarded as **8th Rank** in “India's Best Private Colleges – 2<sup>nd</sup> August 2021”.

<https://manipal.edu/foa/news-events/outlook--icare-professional-college-ranking-2021.html> .

**National Institutional Ranking Framework (NIRF) – India Rankings 2021** Architecture - MSAP has secured **18th position** in the most valuable ranking system in India.

<https://www.nirfindia.org/2021/ArchitectureRanking.html>

**Rethinking The Future – 2021** – MSAP has featured under 15 best university in India for offering Masters in Interior Design.

**MSAP has participated on IALD workshop** on Udupi City 2050 proposal (that explore the future on Lighting design in Asian cities ) and was voted #1 in the popularity poll organized by IALD Japan.

<https://www.youtube.com/watch?v=k9kZ-u2sPol>

**MSAP has hosted two 3-day National Level Training Programs and a Webinar** in the months of September and December in collaboration with National Institute of Disaster Management (NIDM), Ministry of Home Affairs Govt. of India.

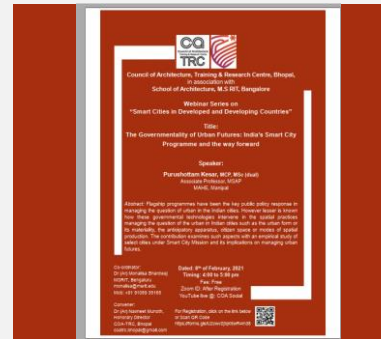
**MSAP has been selected to participate in “Smart cities and Academia Towards Action & Research (SAAR)” program**, a joint initiative of MoHUA to document landmark projects undertaken by the Smart Cities Mission as apart of Azadi Ka Amrut Mahotsav (AKAM) celebrations across the country.

<https://pib.gov.in/PressReleasePage.aspx?PRID=1787614>

Manipal School of Architecture and Planning, Manipal, Karnataka

## Faculty Achievements

**Ar. Purushottam Kesar, Associate Professor, MSAP-** delivered talk on ‘The Governmentality of Urban Futures: India’s Smart City Programme and the way forward’, Organized by Council of Architecture-Training and Research Centre, Bhopal in association with Department of Architecture and Planning, MANIT, Bhopal.



**Dr. Nandineni Rama Devi, Professor, MSAP-** was **Speaker** in COA- TRC Online Training Programme “Visual Research Methods in Architecture” for the topic: Tracking: A tool for Behavioural Research organized by The COA-Training and Research Centre in collaboration with BKPS College of Architecture, Pune.



**Dr. Deepika Shetty Professor, MSAP** is the member of the constitution of the Committee to suggest updating in “Rural Area Development Plan and Formulation and Implementation(RADPFI) guidelines, Ministry of Panchayat Raj, Government of India.



Manipal School of Architecture and Planning, Manipal, Karnataka

## Faculty Achievements

**Ar. Rohit Kumar** along with MCODES faculties, MSAP won the **1<sup>st</sup> prize** in the “**Grand Challenge 2021**” organized by Manipal – GoK Bio incubator in association with its Student Entrepreneurship cell. Special thanks to Ar. Naga Venkata Sai Kumar for mentoring the project.



**Dr. Anoop Kumar Shukla** was the speaker for the two days training programme on the topic “**Crop Health Monitoring using Geospatial Technology**” organized by Institutional Development Plan, National Agricultural Higher Education Project, (IDP-NAHEP) G. B. Pant University of Agriculture and Technology, Pantnagar, Uttarakhand, India.



**Ar. Purushottam Kesar**, was the resource person for Five Day National Online Teacher Training Programme For Architecture Faculties, Organized by Council of Architecture-Training and Research Centre, Bhopal in association with Department of Architecture and Planning, MANIT, Bhopal.



**Ar. Naga Venkata Sai Kumar**, Assistant Professor, MSAP won the **2<sup>nd</sup> prize** in the “**Quiz on Thermal Comfort**” by Solar Decathlon FDP on September 2021.

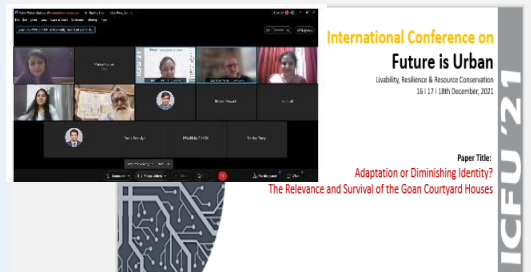


## Faculty Achievements

**Dr. Deepika Shetty**, Professor, MSAP was **Speaker** 3 days Online Training Programme “**Vulnerability Assessment and Resilience Development for Human Habitats** ” for the topic: **Vulnerability Assessment and Resilience Mapping in Indian Scenario** by NIDM in collaboration with Manipal School of Architecture & Planning, MAHE, Manipal.



**Dr. Deepika Shetty** Professor, MSAP was the Session chair of the Panel 1 Space society and culture in the International Conference on Future is Urban Livability, Resilience & Resource Conservation held on 16 | 17 | 18th December, 2021.



**Dr. Shantharam Patil**, Professor of MSAP was the Session Chair for Panel 17, Day 2, at **Interdisciplinary Conference On healthcare & Technical Research (ICHTR) 2021**, organized by MAHE- Student Research Forum under the aegis of Directorate of Research-MAHE, Manipal.

S. No.	Title	Authors
101	Investigation on spatial organization of healthcare buildings during pandemic	Harshathra, Shantharam Patil and Pradeep G Kini
102	Submarine Groundwater Discharge: Challenges, Limitations and Management Recommendations	Kumar Pranjal, Yoram Lina, Singh Priyansh, Chand Jagath and Keshava Balakrishna
103	Outrigger structural vibration mitigation using hybrid damper	Kavyashree, Shantharam Patil and Vidya S Rao
104	To explore the potential of transitional spaces in residential environments to foster sense of community and social cohesiveness	Shanta Pragyan Dash
105	Application of Glass Fiber Reinforced Polymer Rebars in Concrete Structures	Tropiti Amit, Shantharam Patil and Geethimitha Nayak
106	Accessibility concerns in Urban public transport systems in India	Amit Kinjawadekar

**Dr. Reshmi G**, Assistant Professor Senior Scale has conducted a **hands-on training workshop session on "Natural Dyeing and Tie and Dye"** in connection with "A story of Survival", a 7 days' camp organized as part of National Service Scheme (Unit No. HSC/NSS/SFU/PKD/16) by **SMHSS Ayilur Kerala**.



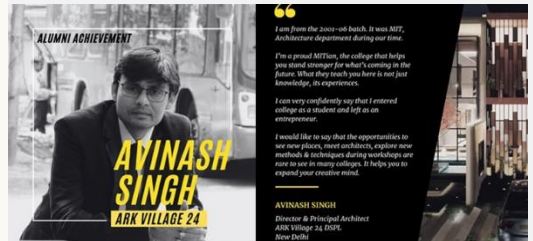
# MSAP NEWS 2021



Manipal School of Architecture and Planning, Manipal, Karnataka

## Alumini Achievements

**Alumni Ar. Avinash Singh (Batch 2001-2006)** has been awarded **Global Architect and Builder Award 2021**, International Award winning **Luxury Villa Project New Delhi**.

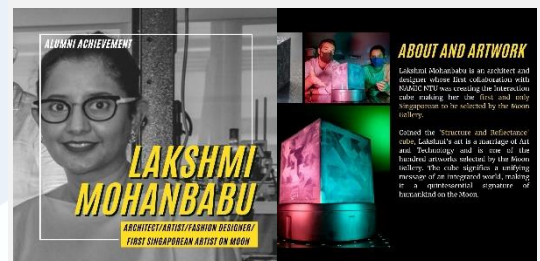


**Alumni Ar. Sumedha Sah**, has worked on the project- 'Redevelopment of the Railway Museum, Mysore'. <https://mysururailmuseum.com/virtual-tour/>



**B. Arch. alumni Ar. Lakshmi Mohanbabu's** Micro sculpture was selected by the European space agency to be placed on the Moon forever.

<https://www.straitstimes.com/singapore/3d-printed-cube-among-singapores-contributions-to-art-gallery-heading-to-the-moon>



**Alumni Ar. Sahitya** has been interviewed by "Bombay Film Production" on Blending classic & Contemporary Perfectly on September 2021.

<https://www.linkedin.com/feed/update/urn:li:activity:6843766635241775104>



**Alumni Ar. Anupa Ria Kurian and Ar. Ashwika** has won the award for **Best Architecture & Interior Design (Residential Building) 2021**. (2<sup>nd</sup> march)





Manipal School of Architecture and Planning, Manipal, Karnataka

## Student Achievements

**Ms Kshirabdhi Tanaya Priyadarshini Sahu**, 5th Year, **B. Arch-Best Thesis projects** at the National Final Jury of the award Programme on the topic “ **Revitalization of Shanhka Kshetra,Puri as a Heritage Zone**” held on 10<sup>th</sup> March 2021.



**Mr. Mihir Sriram's** (Reg. No. 163701086) won the second prize in the 5th Annual research on cities on the paper entitled ‘**Negotiating the Right to the city in the smart city - Case of informal vendors in Chennai**’ presented along with Professor Purushottam Kesar. The conference was conducted by Xaviers University, Bhubaneswar.



**Kalyani Shaji and Ashwin Dinesh** from the final year batch has progressed to the next stage for the **Façade Design Competition** for State Archaeology Museum in Haryana.

**Vachan Ballal** secured **3<sup>rd</sup> place** in “**Product Design Competition**” held between 5<sup>th</sup> June to 19<sup>th</sup> September 2021 organized by Bamboo Society of India, Karnataka Chapter and IID, Bangalore Regional Chapter



Manipal School of Architecture and Planning, Manipal, Karnataka

## Student Achievements

**V Hariharan, Mohamed Nasrat, and Mirsa Mosa** on receiving "**Honorable Mention**" for their "**Design Competition Entry for the 6th International Architectural Competition**" by "**Archmello Masterpeace - A Meditation & Yoga Retreat Center Design Challenge**".



**Supreeth Acharya** 3rd year (5th Semester) B.Arch. Manipal School of Architecture & Planning, MAHE, Manipal achieved **India Book of records** on August 12 2021 ,for making smallest mandala art picture depicting letters of English alphabet.



**Ms. Nirali Salian** (Reg.No.-183701162) & **Mr. Akarsh U Vagman** (Reg.No.-183701126) received an "**Honorable Mention**" title in "**Home\_2021**", an international architecture competition organized by Archiol Associated with Artuminate.



**Ms. Susan Simons**, VIth semester B.Arch, won "**BEST PAPER PRESENTATION AWARD**" at **ICHTR – 2021**, organized by MAHE Students Research Forum under the aegis of Directorate of Research, MAHE, Manipal, from November 11 to 13, 2021



Manipal School of Architecture and Planning, Manipal, Karnataka

## Student Achievements

**Ms. Namratha S Rao** for her contribution to the Planning, Redesigning & Renovation work of the "Daycare Facility at MAHE-VSO" & was officially launched by our beloved chief guest, Pro-Chancellor- Dr. HS Ballal on 1st Dec 2021.



**Rajeshwari, Bhavna Choudhury, Angela Jathana** shortlisted for the "TOP 30" projects in "ARTTECHTISM" Archresource's Design Competition by archresource.co

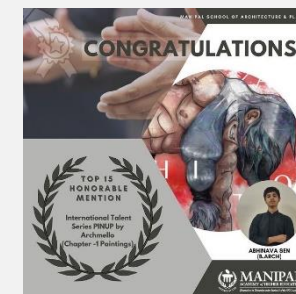


**Nirali Salian, Samridhi Nayak, Ratna Priya** shortlisted for the "TOP 50" projects in The Dharavi Project competition, an international architecture competition organized by Archdais.

<https://archdais.com/competition/the-dharavi-project4230>



**Abhinava Sen** for the top 15 in International Talent Series PINUP by Archmello (Chapter -1 Paintings)



Manipal School of Architecture and Planning, Manipal, Karnataka

## Grants & Seed Money (Jan - Dec 2021)

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Duration of the Project
1	Value addition of plantain waste biomass to fabric grade banana fiber: an experimental study on processing, weaving, and designing contemporary fashions in Coastal Karnataka	PI - Dr. veena Rao Co PI - Dr. Resmi	Department of Science & Technology, Government of India, New Delhi	Rs. 23,57,740	3 years
2	Planning of domestic water systems for island communities in coastal Karnataka: A Cross sanctionable analysis of population profile and ground water quality	Mr. Satyaprakash Das, MS. RITUKA KAPUR, DR. NANDINENI RAMA DEVI	MAHE - Seed Money Grant 2020	Rs. 50,000	Dec 2020 - Nov 2022
3	Application and evaluation of natural anti microbial agents treated three layer face mask.	Ms. Nagaveni N Nayak, Dr. Resmi G	MAHE - Seed Money Grant 2020	Rs. 25,870	Dec 2020 - Nov 2022
4	Recommendation for noise reduction methods in NICU: Case of main NICU, Kasturba Hospital, Manipal	Ms. Charline Stella Samuel, Dr. Deepika Shetty, Dr. Resmi G, Ms. Prarthana Narendra, Ms. Rituka Kapur	MAHE - Seed Money Grant 2020	Rs 40,000	Dec 2020 - Nov 2022

# MSAP NEWS 2021



Manipal School of Architecture and Planning, Manipal, Karnataka

## Workshop and Training fund (Jan-Dec 2021)

Sl. No.	Workshop/ Training	Coordinators	Funding Agencies	Total Grants Received (INR)	Duration of the Project
1	3-day Online Training on Vulnerability assessment and resilience development for human habitats	Dr. Anoop Kumar Shukla Ar. Naga Venkata Sai Kumar M	National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Government of India, New Delhi	INR 50,000/-	27th - 29th September 2021
2	3-day Online Training on Geospatial applications for disaster management	Dr. Anoop Kumar Shukla Ar. Naga Venkata Sai Kumar M	National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Government of India, New Delhi	INR 1,50,000/-	28th - 30th December 2021

## Consultancy (Jan - Dec 2021)

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Duration of the Project
1	Proto development of Kangaroo Mother Care Jacket	Nagaveni N Nayak / Dr.Resmi G	Urwi Medical Innovations Pvt Ltd	4500	13-Aug-21
2	Villa at Mysore - Project-2	Shantanu Chitgopkar / Pradeep Kini		1,00,000	01-Jul-21

# MSAP NEWS 2021



Manipal School of Architecture and Planning, Manipal, Karnataka

## Book Chapter : MSAP

Sl. No	Faculty name	Title	Journal	Publish ed (Month & year)	Index
1	Rituka Kapur	Income Generation Through Infrastructure, Industry, and Innovation (Book Chapter)	Industry, Innovation & Infrastructure	January 2021	No
2	Pradeep Kini, Kala, Sri Charan	Importance of Developing Guidelines for Built Environment of Anganwadis and Its Influence Towards Meeting Sustainable Development Goals. (Book Chapter)	Environmental Science and Engineering, Pages 103 - 117 2021 2nd Sustainable Development Research Symposium in the Asia-Pacific, SDRAP 2019, 19 December 2019 - 21 December 2019	April 2021	Scopus
3	Dr. Nandineni Ramadevi	How a Little Design Project Means a Lot to a Community: Lessons Learnt from the Power of Partnerships in the Design of Anganwadi in Ajjarkad, Karnataka, India (Book Chapter)	Environmental Science and Engineering Sustainability in the Built Environment in the 21st Century: Lessons Learned from India and the Region	April 2021	Scopus
4	Dr. Nandineni Ramadevi	Evaluating Architectural Design Schemes for Anganwadi Centre in Ajjarkad, Karnataka, India by Architectural Students Through Community Participatory Methods (Book Chapter)	Environmental Science and Engineering Pages 19 - 39 2021 2nd Sustainable Development Research Symposium in the Asia-Pacific, SDRAP 2019, 19 December 2019 - 21 December 2019	April 2021	Scopus
5	Pradeep G Kini / Pranav Kishore / A Mahesh	Energy Saving Potential in Building Envelopes through Energy Conservation Building Code and Design Alternatives in Warm and Humid Climate (Book Chapter)	In Proceedings of the 10th International Conference on Smart Cities and Green ICT Systems (SMARTGREENS 2021), pages 27-34 ISBN: 978-989-758-512-8	April 2021	
6	Pradeep G Kini, Pranav Kishore, Vipin Tandon / Achinta N Shetty,	Assessment of Building Integrated Photovoltaic Panels on Facades of Commercial Buildings with Respect to Energy Conservation Building Code (Book Chapter).	10th International Conference on Smart Cities and Green ICT Systems	April 2021	
7	Dr. Shantharam Patil / KAVYASHREE	Response Control of Wind Excited Outrigger Structural System (Book Chapter)	Lecture Notes in Civil Engineering	MAY 2021	Scopus
8	Rama Devi Nandineni and Shanta Pragyan Dash	Capacity Building in Water Resource Management in Developing Countries"		JUNE 2021	

Manipal School of Architecture and Planning, Manipal, Karnataka

## Publication MSAP

Sl. No.	Faculty name	Title	Journal	Published (Month & year)	Index
1	Amit Kinjawadekar	Accessibility concerns in Urban public transport systems in India	Conference Paper	January 2021	NO
2	Amit Kinjawadekar / SUSAN SIMONS	Assessing Impacts of Ecological Framework on Indian Riverfront Revitalization Projects	Conference Paper	January 2021	NO
3	Amit Kinjawadekar / AKARSH U VAGMAN	Influence of fluidic forms on pedestrian movement : A morphological study of Intermediate spaces , using space syntax analysis	Conference Paper	January 2021	NO
4	Trupti Amit Kinjawadekar / Dr. Shantharam Patil	Application of Glass Fiber Reinforced Polymer Rebars in Concrete Structures	Conference Paper	January 2021	NO
5	Veena Rao / Simi Maria Mathew	Ethical and sustainable fashion initiatives in India and Australia	Conference Paper	January 2021	NO
6	Sonali Walimbe / Dr. Nandineni RamaDevi / Shantanu Chitgopkar	Biophilic design patterns in schools to facilitate nature connection with children for a sustainable future: a review	Journal of Natural Remedies	february 2021	Scopus
7	Sonali Walimbe / Dr. Nandineni RamaDevi / Shantanu Chitgopkar	Perceptions of Nature Connectedness among School Children	PalArch's Journal of Archaeology of Egypt/ Egyptology	March 2021	Scopus
8	Dr. Shantharam Patil / KAVYASHREE	Comparison of classical and reliable controller performances for seismic response mitigation	Earthquakes and Structures	March 2021	Scopus
9	Pranav Kishore	Surgical strategy for third nerve palsy with aberrant regeneration: Harnessing the aberrant power.	Indian Journal of Ophthalmology	March 2021	Scopus
10	Sanghamitra Roy	Safe in the City? Negotiating safety, public space and the male gaze in Kolkata, India	Cities	June 2021	Scopus

# MSAP NEWS 2021



Manipal School of Architecture and Planning, Manipal, Karnataka

## Publication MSAP



Sl. No.	Faculty name	Title	Journal	Published (Month & year)	Index
11	Anoop Kumar Shukla	Analysis of Existing Equations for Calculating the Settling Velocity	Water (Switzerland)	June 2021	Scopus
12	Sanjeev Kumar	European public space projects with social cohesion in mind: symbolic, programmatic and minimalist approaches	European Planning Studies	July 2021	Scopus
13	Vishal Chetty	Urban Sprawl Assessment in Eight Mid-sized Indian Cities Using RS and GIS	Journal of the Indian Society of Remote Sensing	Aug 2021	Scopus
14	Dr. Shantharama Patil	Evolution of Outrigger Structural System: A StateoftheArt Review	ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING	Aug 2021	Scopus
15	Shanta Pragyan Dash	An exploratory study on design process in architecture: perspective of creativity	Creativity Studies	Sep 2021	Scopus
16	Ipsitaa Priyadarsini Das / Shanta Pragyan Dash	Feasibility of Post Cyclone Portable Relief Shelter: Case of Odisha	Lecture Notes in Civil Engineering	October 2021	Scopus
17	Shanta Pragyan Dash / ZIYA SAMEER MOHAMMED	An Explorative Study on Material Feasibility for Relief Shelter for Refugees	Lecture Notes in Civil Engineering	October 2021	Scopus
18	Arun Natarajan Hariharan	Global advantage of Bangalore as a location choice for knowledgebased industries in India	Regional Science Policy and Practice	October 2021	Scopus
19	Dr. Shantharam Patil / KAVYASHREE	Damped outrigger semi-active control for seismic vibration mitigation	Innovative Infrastructure Solutions	October 2021	Scopus
20	Naga Venkata Sai Kumar Manapragada	Simulating the Impact of Solar Energy on Pyramid and Stair Urban Blocks	Environmental Sciences Proceedings	December 2021	NA
21	AMIT C KINJAWADEKAR	The rustic charm of Bhimgad's traditional, green houses	Deccan Herald (News Article)	June 2021	NA



# 2021

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