



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)

Event Name	FACULTY DEVELOPMENT PROGRAM
Theme	Go-Green Design Thinking
Date	06th to 13th August 2020 (7 Days)
Venue	Dayanand Sagar Academy of Technology and management (Online)

Objectives of the Program

- To explore Ideas and thought processes under Go-Green verticals that can contribute in the Design process.
- To understand 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.

Dr. Ramachandra T.V. is presenting

SOLUTION / ACTION PLANS

OPTION 1: Cost effective, sustainable solution

Wastewater Treatment with Constructed wetlands and algal pond

REUSE, RECYCLE of WASTEWATER

Participants: Shehzadi Farha Khan, Dr. Ramachandra T.V., gaddam d ramesh, Shivalingegowda SK

Ganesh Kattepur is presenting

Financial PROFIT

Equitable Social PEOPLE

Environmentally Sustainable PLANET

Sustainability Model developed by environmentalist John Elkington- 1999

Participants: Ganesh Kattepur, Harshalatha Ananth, manujarjunath, harshalatha.arch dsatm

Vijay S Namapatti School of Architecture is presenting

PROCESS OF MAKING

Participants: Vijay S Namapatti, Harshalatha Ananth, gaddam d ramesh, RUMAA SINGH, SHABHIR LEHRI, Ar. Bhavana Kulkarni

rohini raghu is presenting

Immunity Booster Foods

Participants: rohini raghu, Harshalatha Ananth, harshalatha.arch dsatm, Sharath Aithal



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Purpose:To explore Ideas and thought processes under Go green verticals that can contribute a better exposure in the Design process along with physical and mental wellness.

About the Topic:Go-Green Design Thinking is to say how one embrace 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 which 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.

Resource person/ participants:Dr. T.V Ramachanra, Dr. Ganesh Kattepur, Ar. Vijay Narnapatti, Dr. Sharika Menon, Ar. Deepak Godhi, Ar. Tawhid Khan, Dt. Rohini Raghu. Practicing Architects, Doctors, and Academicians at Pan India Level.

Vision:Awareness on importance of the Go-Green verticals in architecture and our lifestyle for a better tomorrow of ours.

Identification and addressing the GAP : Adapting elements and principles of design in Architectural design process.

Measurable outcomes:Faculty development programs helps teachers to identify and understand the various aspects of their domain. This knowledge and awareness which in turn be helpful for them to be more confident while teaching particular subjects to students.



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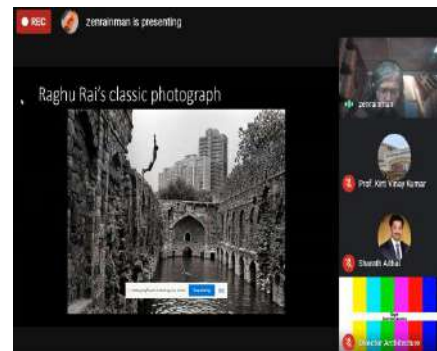
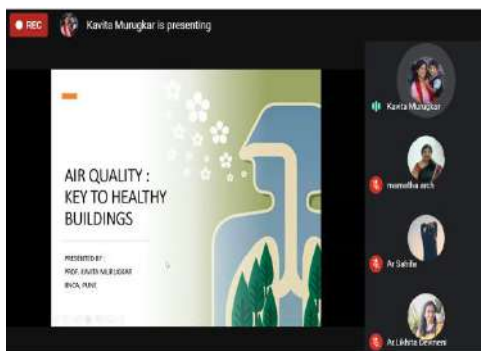
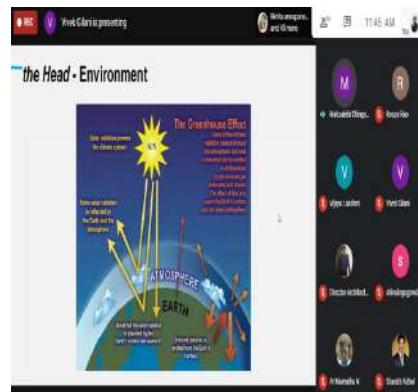


(Affiliated to Visvesvaraya Technological University, Belagavi and Approved by Council of Architecture, New Delhi)

Event Name	FACULTY DEVELOPMENT PROGRAM
Theme	Green Being Smart
Date	05th to 12th APRIL 2021 (7 Days)
Venue	Dayanand Sagat Academy of Technology and management (Online)

Ojectives of the Program/ Event.

- To understand the overview of responsive architecture that provides every occupant with productive, cost effective and environmentally conducive conditions.
- To identify the sources through which continuous interaction of architecture elements with the basic required elements: Efficiency (Structural, Energy, Water, Material, Indoor environment quality & Waste management), processes (automation, control, systems), people (services, users) and management (operation, maintenance, performance).
- To develop the ability of interrelation between these elements and derive better spaces for living.



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Purpose:To explore Ideas and thought processes under elements of the Green and Smart verticals like Energy, Water, Recycling the waste, Air quality, Climate change, Sustainable Environment etc., that can contribute in the Design process, built spaces and wellness.

About the Topic: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.

Resource person/ participants:Ar. Vijay Narnapatti, Mr. Vivek Gilani, Ms. MatouleibiChingsubam, Prof. Parisutha Rajan, Ar. Kavita Murugkar, Er. S. Vishwanath, Ar. Arun Swaminathan, Ar. Lakshmi Prasad, Ar. Harshavardhan Jatkar
Academicians and Practicing Architects at Pan India Level.

Vision:Awareness of advance techniques for amalgamating the smart technology to achieve a sustainably design environment.

Identification and addressing the GAP : Adapting elements and principles of design in Architectural design process.

Measurable outcomes: Faculty development programs helps teachers to identify and understand the various aspects of their domain. This knowledge and awareness which in turn be helpful for them to be more confident while teaching particular subjects to students.



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Event Name	TEACHERS TRAINING PROGRAMME
Theme	INNOVATIVE BUILDING TECHNOLOGY AND MATERIALS FOR SUSTAINABLE ARCHITECTURE
Date	APRIL 2018
Venue	SOA-DSTAM

Objectives of the Program/ Event

- TTP is programmed to explore the ideas to achieve sustainability.
- Methods and practices of construction, Architectural Design concepts, Choice of Materials, climate responsive approaches etc, that help support nature, propagate healthy living standards.
- The program dwells on new technological advances that can build a strong bond between nature and the human beings. Millions of Sqm is constructed day by day and year by year, but how much of it is supportive and how much damaging to nature

 <p>Inaugural Function</p>	 <p>ongoing session</p>
 <p>ongoing session</p>	 <p>valedictory function</p>

Details about the event:

(Purpose, about the topic, Resource person/ participants with numbers, Alignment with Vision / Identification and addressing the GAP, Sponsorship or Funding Partner- if any)

- The need of the hour is to harness natural resources and optimize usage of materials that cause damage to nature, which in a word means Sustainability. Sustainable



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environments that are possible adopting sustainable methods, measures of planning and architecture. This stands out to be a great challenge to Architects and Planners in the present day. An Architect can be creative and a planner more rational as long as the focus is not shifted. The focus is to DECODE NATURE. Nature gives the solution for everything. But we need to decode nature to understand nature. The Program invites people with innovative technologies and professionals (Architects and Planners) with creative ideas to deliberate and demonstrate practices that bring together sustainable environments that can build and protect future.

- SOA DSATM organised 5 days Teacher's Training Programme (TTP) on "Innovative Building Technologies and Materials for Sustainable Architecture", from 16th to 20th April 2018 in collaboration with COA-TRC(Council Of Architecture-Teachers Research Centre). The programme co-ordinated by Prof.Gaddam D Ramesh, Ar.Harshalatha and Ar.Likhita devineni.
- The topics covered in the FDP are
 - Recycling Building Components in Innovative Ways for Sustainable Architecture
 - Sustainable approach in building design and technology
 - Sustainability Leadership for the 21st Century with emphasis on Water Equity and Policy in Bangalore
 - A Relevant Approach to Indian Sustainability In 21st Century
 - Sustainable architecture with special reference to industrial buildings
 - "Holistic Architecture for Holistic Living - A new paradigm
- There are 15 faculties from various colleges are attended. Expert lectures delivered by Ar.Arun Swaminathan,Ar.Neelam Manjunath,Ar.Bharath Gowda,Ar.Indranil Bhattacharya,Ar.Jayaram Kumar,Ar.Meghana Dutta,Ar. S. V. Kamath in 5 days sessions.
- The faculties are updated with new building materials and sustainable construction details as part of quality enhancement of teaching methodologies for the current industry and academic requirement
- The two faculties Prof.Vidya and Prof.Radha got sponsorship from management and the other faculties are self-sponsored with registration from COA-TRC

Measurable outcomes, w.r.t. realisation of Vision:

- The participants exposed to new innovative technologies and building materials for the sustainable architecture
- Through the site visit participants also exposed to the practical approach of innovative sustainable technologies
- During the hands-on sessions the interesting model with bamboo sticks are done to explore the possibilities of bamboo as a material
- The feedbacks are taken from the participants to identify the gaps



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Event Name	OUTREACH PROGRAMME AND MOU WITH DSABA
Theme	Skill development & Value added short term certificate course on Illustrations
Date	July-15th to 19th 2019
Venue	SOA-DSATM

Objectives of the Program/ Event

- A skill development and value-added course provides a better opportunity to get noticed amongst the competitors in today's job market.
- An interdisciplinary approach allows for synthesis of ideas across various disciplines without confining to one core theme. This also allows creating a powerful learning experience and emphasizes integrative learning, critical thinking, and creative problem solving.
- To develop their sketching skill we organized interactive talk which open up student's thinking and sketching fear.



Details about the event:

- The first intent of the workshop was to introduce various hands-on skills, which is universally followed and is not restricted by the use of any language. So that the students explore a way of exploring their ideas by the use of certain skills with any language barrier. The second intent was to see through that the students understand and follow concept making and express it through the use of skills, properly executing the idea within the time-limits. The third intent was to make the students work in groups to explore individual strengths, their contribution in a team, the leadership roles as well as team spirit. The fourth most important intent was to develop problem solving ability in the students by throwing a different challenge and a different skill set to explore each day.
- The School Of Architecture-DSATM (SOA-DSATM) signed MOU with the Dayananda Sagar Business Academy (DSBA) to conduct a 5-Days Skill Development & Value-Added Short Term Certificate Course for the students of BBA, B. Com, &





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BCA. This initiative is part of the School Of Architecture-DSATM Collaboration & Outreach Program.

- The 5-Days extensive hands on workshop were from 15th July, 2019 till 19th July, 2019 where approximately 200 students participated with great enthusiasm.
- A skill development and value-added course provides a better opportunity to get noticed amongst the competitors in today's job market. An interdisciplinary approach allows for synthesis of ideas across various disciplines without confining to one core theme. This also allows to create a powerful learning experience and emphasizes integrative learning, critical thinking, and creative problem solving.

Measurable outcomes, w.r.t. realisation of Vision:

- The final outcome illustrations succeeded in drawing everyone's attention and proved that each one of us has an in-born creative inclination which can aptly be used for any problem-solving or team building scenario.



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School of Architecture

Event Name	EXTRA CURRICULAR ACTIVITY
Theme	WORLD ARCHITECTURE DAY-2018
Date	1 ST OCTOBER 2018
Venue	SOA-DSATM

Objectives of the Program/ Event

- Day to show appreciation for the work architects do and to celebrate some of the great global architectural works.
- To showcase the importance of architecture, which is incredibly important and architects, who have the potential to shape all of our lives through their hard work.
- Architecture plays an essential role in planning for the future, sustaining population growth and tackling a number of social problems.





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Details about the event:

(Purpose, about the topic, Resource person/ participants, Alignment with Vision/
Identification and addressing the GAP, Sponsorship or Funding Partner- if any)

- To bring architects, engineers, planners, and developers together to showcase their work, discuss future projects, debate current issues and plan new business ventures
- World architecture celebrated in SOA-DSATM by organizing seminar and cultural activities. The speaker from industry and academics are invited to give a talk and share the knowledge in the field of architecture. The students presented their cultural programme and the faculties were presented with the momentos on occasion of world architecture day on 1st October. As part of
- Resource persons were Ar.Ravi Ramachandran-Practicing Architect, Ar.Jagannathan-academician, Ar.Jayaram-Practicing Architect, Ar.Arun Swaminathan-Academician/Practicing architect
- The architects shared their valuable thoughts with the students in the field of architecture

Measurable outcomes, w.r.t. realisation of Vision:

- The students learn broader aspects of the subjects and innovative ideas
- The event gave opportunity to interact with the eminent architects of academic and practicing background to expand their knowledge as well networking



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Event Name	ONE DAY ALCHEMY WORKSHOP IN COLLABORATION WITH RAREMINDS
Theme	Urban Agriculture-Game Designing in architecture
Date	September 8 th 2018
Venue	SOA-DSATM

Objectives of the Program/ Event

- To study the key concepts and approaches of the implementation of urban agriculture in design studio
- To encourage the students to come up with the idea of urban agriculture in their academic and professional design projects
- Students to develop the gaming concepts through architecture

Details about the event:



- The workshop conducted in collaboration with rare minds at soa-dsatm. The event is to integrate the urban agriculture with architecture and also showcase the opportunities for an architect in gaming design.
- Resource persons are D.S. Ramaprasad-Co. Founder: Green Minds and Rakesh Rauvri-CTO Sapient
- 48 students of 5th and 7th semesters attended the workshop
- This event is a knowledge-enhancing add-on program which they can utilize in their design curriculum as well as in the profession

Measurable outcomes, w.r.t. realisation of Vision:

- The students gained a knowledge in the field of urban agriculture which is the necessity for the present scenario
- The workshop gave an idea of expanded areas of specialization in architecture program





School of Architecture

Event Name	ONE DAY EXPERT TALK SERIES
Theme	Public health Engineering, Fire and life safety, Electrical services, HVAC Services
Date	Sep 22 nd 2018
Venue	SOA-DSATM

Objectives of the Program/ Event

- The objective of expert lecture on building services is to explore the knowledge by interacting with industry experts for architecture and civil engineering students
- Students to relate theoretical knowledge with practical inputs of services in their curriculum.



Details about the event:

- Building services are the systems installed in buildings to make them comfortable, functional, efficient and safe. They can include fire safety, HVAC (heating, ventilation and airconditioning), lighting, plumbing, etc. Building services play a central role in contributing to the design of a building, not only in terms of overall strategies and standards to be achieved, but also in façade engineering, the weights, sizes and location of major plant and equipment, the position of vertical service risers, routes for the distribution of horizontal services, drainage, energy sources, sustainability, and so on. Building services engineers influence a building's architecture and can have considerable influence on





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the sustainability and energy demand of a building, as well as the health and wellbeing of its occupants. The students of architecture and civil engineer must understand the collaborative work with building service engineers in their profession.

- The one day workshop on building services - Public health Engineering, Fire and life safety, Electrical services, HVAC Services intended to cater the higher semester students of architecture and civil engineering where the students are exposed to get knowledge in the practical field by interacting with experts.
- The resource persons are Mr.Prashanth Gururaj, Mr.Vivek, Mr.Prasadgowda- Technical Directors-Design Tree consultants
- The students of SOA-DSATM and Civil Engineering department are participated and got the certificates

Measurable outcomes, w.r.t. realisation of Vision:

- Students able to recognise the practical approach towards the services while designing the buildings other than specified syllabus
- The students got awareness about the building codes which is practically used in the construction of buildings



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Event Name	ADD ON PROGRAM-8 DAYS WORKSHOP
Theme	ORDER IN BUILT ENVIRONMENT-3.0
Date	AUG 19 TH TO 26 TH 2018
Venue	SOA-DSATM

Objectives of the Program/ Event

- Explore methods of identifying order in general.
- Understand notions where the idea of order is manifest in built environment.
- Representation: understanding modes of abstraction in order to study and understand the systems.

Details about the event:



- The workshop endeavours to define certain notions where the idea of order manifests in the built environment and relates to the way we design. These are by no means exhaustive nor are they the best selections. All are a mixture of concepts and methods. This required a two pronged inquiry, one focusing on the Vernacular in order to understand ‘ways of looking at built environment’ and the other on the designed in order to understand ‘ways of designing’.
- Order in the contemporary built environment is rarely acknowledged. Unlike in the case of a number of historic built environments, order is not the generator of form; rather order is a result. Thus the contemporary built environments are extremely chaotic. The workshop on order in built environment intention is to acknowledge this order. Identifying this order gives us more control over design of built environment. This workshop tries to develop an understanding of the word Order and its Manifestations in the context of built environment. The last two days mainly concentrated on presentation drawings and students presented their work through sheets and models. The participants got the certificates.
- The Resource Person were: Ar.Gunjan Niranjana Modi, Ar.Harsha Desai, Ar.Neeljain, Ar.Smit Modi,-Practicing Architects-Ahmedabad





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- 38 students of SOA-DSATM are attended the workshop.

Measurable outcomes, w.r.t. realisation of Vision:

- The study of a building not just visually or structurally, but understanding the space and the relationships between them was the most useful and valuable aspects of this workshop.
- The skill of representing something in a simple and more focused manner. And how to analyse a space.



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Objectives of the Programme

Event Name	FACULTY DEVELOPMENT PROGRAMME- 5 DAYS PROGRAMME
Theme	Modern Architecture
Date	28 th June to 2 nd July 2019
Venue	SOA-DSATM

- The programme would explore the various facets of modernism in Western and Indian context and it would give a perspective of development of modern architecture, its influential thinkers and their ideologies.
- Objective of the program is to stimulate the thought processes of the faculties and aim to enhance the understanding of the students.



Details of the Programme

- In 1908 Adolf Loos wrote an article “Ornament and Crime” where ornament was regarded as primitive and irrelevant. A new architecture was created in the early twentieth century in the image of a machine and this aspiration was founded in Le Corbusier’s famous dictum “The house is a machine to live in”. From there on birth the modern architecture we see today. The 5-Days faculty development programme was from 28th June, 2019 to 2ND July, 2019 where 21 faculties participated with great enthusiasm.
- Resource persons are Ar. Arun Swaminathan, Ar. Anup Naik, Ar. Shiraz Zaidi and Anja Zaidi, Ar. K. Jayaram and Ar. Sagar
- The programme would explore the various facets of modernism in Western and Indian context and it would give one a perspective of development of modern architecture, its influential thinkers and their ideologies.

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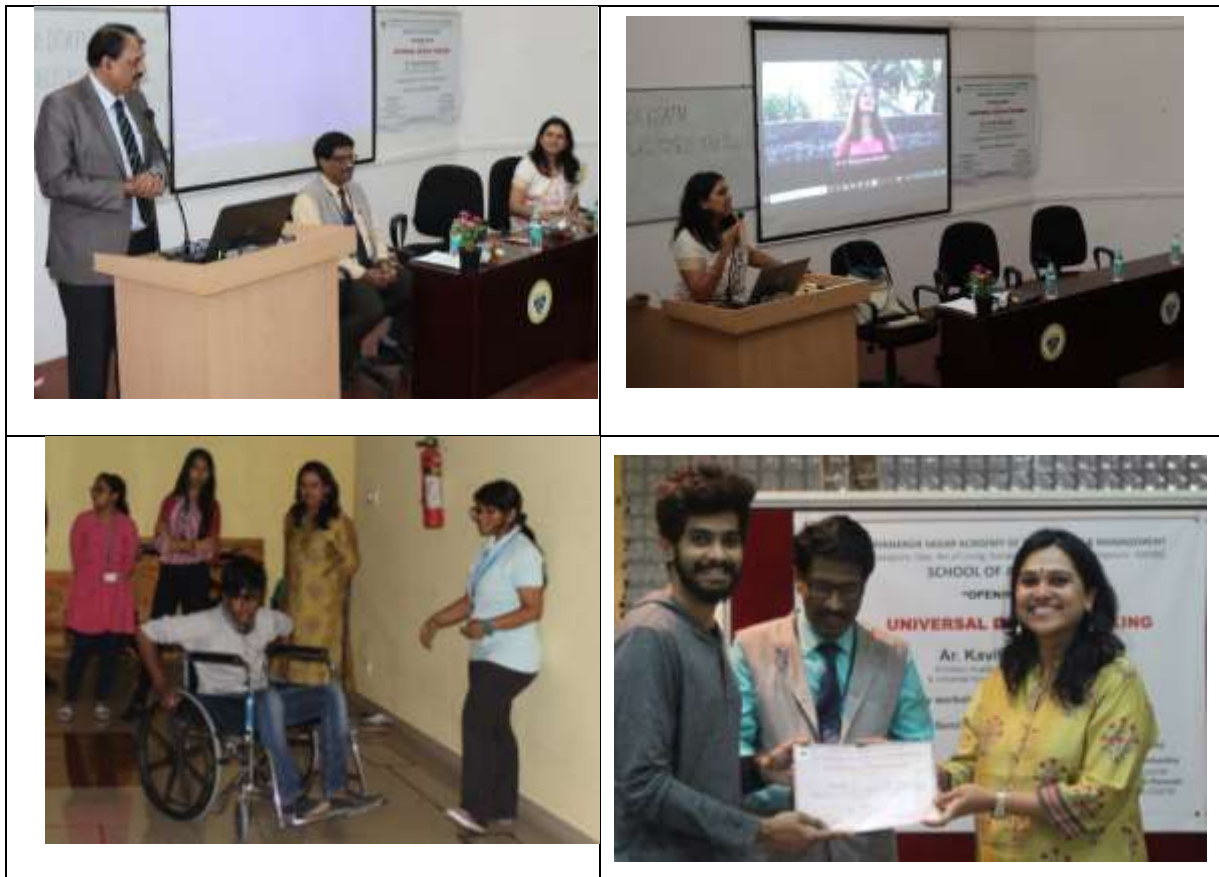
Measurable outcomes, w.r.t. realisation of Vision:

Event Name	2 DAYS WORKSHOP
Theme	OPENING MINDS TO UNIVERSAL DESIGN THINKING
Date	12 TH & 13 TH SEPTEMBER 2019
Venue	SOA-DSATM

- The participants are assessed at the end of the each session with the test. The marks are consolidated in end of the FDP.
- The faculties submitted individual report on the FDP attended with their conclusion

Objectives of the Program/ Event

- Workshop aims to introduce to the next generation of budding architects and designers, the concept of ‘Universal Design’ or ‘Design-for-All’, a relatively new design paradigm that extends far beyond the bias on the able-bodied in architecture.
- Students to widen their scope of the conceptual architectural thinking and strengthen their design skills to achieve social sustainability through design by addressing needs and abilities of all sections of the society.



Details about the event:



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- Universal Design is an inclusive concept and design approach that caters to needs of diverse kinds of users in the society irrespective of their individual differences to maximize usability of products, services and the built environment. The current convention and process of design is based on the needs and abilities of a non-existent hypothetical standard user, which leads to designs that do not incorporate the universal design and inclusive concepts, thus creating disabling environments for some ignored user groups like for instance people with disabilities.
- Resource person -Kavita Murugkar, a leading disability inclusion consultant and universal access specialist in India, is a strong proponent of universal design and is working hard and consistently to promote people centric and inclusive design practise and education in the architectural fraternity in India
- There are 68 students participated from 3rd, 5th and 7th students of SOA-DSATM, DSCA, KSSM etc along with SOA -DSATM faculties

Measurable outcomes, w.r.t. realisation of Vision:

- Students and faculties got sensitization towards universal design through practical experience
- Students can implement the approach towards universal design in their design



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Event Name	Faculty Development Programme (FDP)
Theme	Studio Urban Design
Date	3 rd February to 7 th February, 2020
Venue	SOA, Auditorium - DSATM

Objectives of the Program/ Event

- The workshop intends to explore the modes and methods of conducting Urban Design as a studio.
- This workshop is emphasised on the interrelationship between site Analysis and Urban Design with focus on Sensing Landscape and its Materials.
- Exploring the contextual urban design, interpreting data to develop visions, understanding collaborative role of various actors in decision making, site analysis, sensing landscape and its materials.
- To understand the dynamic and multi-scalar design strategies of the Urban Design studio subject and work towards a result oriented real time project.



Inauguration Function



interactive session



Ongoing Workshop



Valedictory Ceremony

Details about the event:



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- 5-days workshop aims to explore the modes and methods of conducting Urban Design as a studio subject. Teaching urban design as a studio subject is always a challenge as it requires a meticulously structured course plan so as not to deviate from the course objective.
- Urban design is the design of towns and cities, streets and spaces. It is the collaborative and multi-disciplinary process of shaping the physical setting for life in cities, towns and villages; the art of making places; design in an urban context. Urban design involves the design of buildings, groups of buildings, spaces and landscapes, and the establishment of frameworks and processes that facilitate successful development.
- The Four invited experts Ar. Brinda Sastry, Ar. Guru Prasanna. C, Ar. Bakul Jani, and Ar. Vagish Naganur emphasized on the following key areas: interpretation of the syllabus, exploration of contextual urban design, interpreting data to develop visions, understanding collaborative role of various actors in decision making, site analysis, sensing landscape and its materials.
- Organizing Committee: Dr. B. R. Lakshmikantha, Principal of DSATM, Dr. C. Nandini, Vice- Principal and HOD-CSE, DSATM, Dr. K. A. Sumithra Devi, Dean Academics and HOD-ISE, DSTM, Prof. Gaddam D. Ramesh, Director – SOA, DSATM.

Measurable outcomes, w.r.t. realisation of Vision:

- Development of an understanding of the dynamics and the multi-scalar design strategies of the Urban Design studio subject and working towards a result oriented real time project.
- Establishment of frameworks and processes that facilitates and develops the understanding of urban design amongst the students.
- Generating a sensitive outlook towards the cultural, economical and heritage cultural values present to commence Urban Design.



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Event Name	ONE DAY WORKSHOP
Theme	DESIGNING RAIN WATER HARVESTING SYSTEM
Date	26-09-2020
Venue	SOA-DSATM

Objectives of the Program/ Event

- The objective of the EVENT was to impart training on the basics and design aspects of rainwater harvesting for the students of architecture and civil engineering
- To sensitize the students about the water conservation and environment consciousness



Inaugural Function



Photo 2



Photo 3



Valediction Function

Details about the event:

- Rainwater harvesting is a way of capturing and storing water during rainy periods for use in times when there is little or no rain available. In certain regions of the world, rainwater harvesting can be the difference between having a plentiful crop and dried up vines. There are several objectives behind rainwater harvesting. The event mainly focused on the Rain water harvesting & Techniques of site assessment and integrated system design of rainwater harvesting earthworks, rain tanks, greywater & Landscape features
- The work shop mainly targeted on architecture and civil engineering students of various colleges, where the students of architecture and civil engineering from DSSA, SJSIT, KSSEM, DSATM, SOA-DSATM including two professionals are attended. There are 60 students are participated one day workshop started 10.00 am and concluded at 4.30 pm.
- Mr. Vishwanath 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 a trustee with the BIOME environmental trust and the





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School of Architecture

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.

Measurable outcomes, w.r.t. realisation of Vision:

- The workshop addressed including water supply and demand, selection of appropriate rainwater harvesting technology, and the basic construction, installation, operation and maintenance of roof top and surface catchments.
- participants acquired the knowledge of RWH systems and able to choose appropriate technique for RWH in a given situation along with the design



“Plant more Trees, Save Water, Save Electricity, Avoid Plastics, The world is in your Hands”