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INSTITUTE OF SCIENCE AND TECHNOLOGY

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PathFinder2.0 - 14.6.2021 to 18.06.2021

This event was coordinated by the staff of Department of Architecture, Sathyabama Institute of Science and technology. It is a 5 day summer program, in online mode for students just graduating from school , 12th standard, who aspire to join design courses like Architecture and Interior Design for their Bachelors degree understand the course better.

The event was designed to be a full fledged training program to not only give the students of 12th grade a clear view of the nature of creative studies and how different they are from the other technical professional courses. It was explained how Architectural and other Design courses are designed to be Entrepreneurial courses and not just any Professional courses.

The multiple skillset needed to enter or rather equip to enter or qualify for a design education was neatly packed into multiple sessions tutored by the experts identified from our own staff.

The sessions were also kept interesting with interactive games and quizzes happening at regular intervals that kept the spirit and energy levels high for the participants



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Decoding Architecture & Design

A 5-DAY SUMMER WORKSHOP



For students aspiring to step into:
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- > Art & Visual Composition
- > Geometrical Understanding
- > Elements & Theories in Design
- > Logical Reasoning as a tool for Design
- > Historical & Contemporary Built Environments
- > Introduction to Architecture & Interior Design

JUNE 14 - JUNE 18, 2021

5:30 pm - 7:00 pm

CONTACT: 9952939580, 9566292342

REGISTER: <https://forms.gle/7QRtmWweoA433K8L8>



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5:30 - 7:00 pm

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Decoding Architecture & Design

Design Fundamentals

Buildings: Historical & Contemporary

Visual Arts

Graphics: Perception & Interpretation

Logical Reasoning, Building Anatomy

JUNE 14 - JUNE 18, 2021
5:30 - 7:00 pm

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Timestamp	Student Name (in capital letters)	School Name, Location(example: JPR SCHOOL,Chennai)	Grade	Phone number	Email Id
6/5/2021 2:45:43	B. RAKSHNA PRIYA	MVM, Chetpet, Chennai-31	+2	9445836871	baiaj9941301587@gmail.com
6/5/2021 18:21:07	Midun Santhosh Kumar	The International Velammal School,Ponneri	+2	9656758819	santhoshkumarp@hotmail.com
6/5/2021 19:10:30	SHAHNOOR AWEAS	Sacred heart Mat. He. Sec. school	+1	9841274529	sabiraaweas@gmail.com
6/5/2021 23:50:31	M.SHAHITHA	ACHYUTA PUBLIC SCHOOL,DINDIGUL	+2	9894026442	mshahitha2003@gmail.com
6/5/2021 23:53:24	M.SHAHITHA	ACHYUTA PUBLIC SCHOOL	+2	9894026442	mshahitha2003@gmail.com
6/6/2021 12:09:46	BHAARATHI	CLM sishya school,chennai	+1	9962191333	bhaarathi.vk@gmail.com
6/6/2021 12:32:47	RUBAN KUMAR D	Shradha children's academy	+2	9841093341	malathilandscapes@gmail.com
6/6/2021 12:37:56	Rithu	Pon Vidyashram school, Chennai	+2	8072233533	sairithu8@gmail.com
6/6/2021 12:43:36	HARSHIDHA	Aks	+1		Harshidhamohan935@gmail.com
6/6/2021 12:47:17	RAIME MUKHERJEE	St John's English school, Chennai	+2	9789460588	raime.mkjee@gmail.com
6/6/2021 12:53:16	Janani G	Shaanthi school,pollachi	+2	8778273216	jananig2004@gmail.com
6/6/2021 13:01:41	S SHRUTHI	CHETTINAD VIDYASHRAM	+2	9551282281	lakshmisaravanan423@gmail.com
6/6/2021 13:18:13	NITHISKRISSNA T U	NOBLE.MATRIC.HR.SEC.SCHOOL,PERIVALLIKULAM,vi	+2	8667687990	nithiskrissna@gmail.com
6/6/2021 14:22:23	ERIN DINACIOUS	ADITYA VIDHYASHRAM, Puducherry	+2	9003337902	erindinacious@gmail.com
6/6/2021 15:04:51	Pranali Palo	Modem Senior Secondary School	+2	7305138832	pranali Palo4@gmail.com
6/6/2021 15:38:55	VISHAL RAJ	DAV Chennai	+1	8695331903	tharunfinch@gmail.com
6/6/2021 15:50:15	PUNITHAN D	FUSCO'S MATRIC HIGHER SECONDARY SCHOOL,T.VADI	+2	+91 97892 47451	punitthanezhil@gmail.com
6/6/2021 15:50:58	SIBIRAGAV. S	MOUNT SAINT JOSEPH MAT HR SCHOOL TIRUVANNA	+2	9361499443	Sibisilver0@gmail.com
6/6/2021 18:41:18	R.Varshini	Amm matriculation higher secondary school, chennai	+2	9600126003	varshini004@gmail.com
6/6/2021 21:47:23	VARSHITHA.G	IDHAYAM RAJENDRAN SCHOOL, Madurai	+2	9842815251	suchithragopalakrishnan05@gmail.com
6/6/2021 22:22:02	S.ABINAYASRI	BHARATHI VIDHYALAYA matric higher secondary school,En	+2	9715282886	Sakthiababinayasri33@gmail.com
6/7/2021 10:54:30	D.JOSHNA SHERIN	HOLY FAMILY CONVENT MAT HR SEC SCHOOL ,CHENNA	+2	9941586969	Dhanasekar21121968@gmail.com
6/7/2021 13:05:54	PRANESH R U	Chettinad Vidyashram	+2	9841748830	rupranesh5@gmail.com
6/7/2021 19:17:45	JEYA KRISHNA	AUPET Chinmaya Vidyalaya, Tirunelveli	+2	7010447599	jeyakrishnnas@gmail.com
6/7/2021 19:24:07	Dhaanesh	AUPET Chinmaya Vidyalaya	+2	95005 60465	dhaanesh67125@gmail.com
6/7/2021 19:26:19	J.JANASREE	VELAMMAL MATRIC HR SEC SCHOOL MOGAAPPAIR WES	+2	9952958591	hema15121977@gmail.com
6/7/2021 19:31:18	RAMALAKSHMI. M	Sarah tucker College, Tirunelveli	M.Sc., Maths	8248556451	revathirams2000@gmail.com
6/7/2021 21:38:44	KAYALVIZHI	BHARATHI SCHOOL,COIMBATORE	+2	9486130000	raguarch@gmail.com
6/7/2021 21:55:47	S.PUGAZHENDHI	Boaz public school,chennai	+2	8667319271	pugaimurugan9962@gmail.com
6/7/2021 22:32:53	D.JOSHNA SHERIN	HOLY FAMILY CONVENT MAT HR SEC SCHOOL,CHENNA	+2	9941586969	Dhanasekar21121968@gmail.com
6/7/2021 23:47:29	J. R. CHRISTINA ELILMATHI	Sarah tucker college	M. Sc	9787132418	jeba99christy@gmail.com
6/8/2021 9:21:48	EVANGELIN PETS Y A	Sarah Tucker College	M. Sc Mathematics	9025384326	evangelinpetsy@gmail.com
6/8/2021 9:27:10	SIVAKIRUPA G	Dharani matriculation higher secondary school, Dharani Naga	+2	9342325233	Sivakirupa55@gmail.com
6/8/2021 13:44:44	KRUPAKAR_V	Ebenezer Marcus Int school and junior college,chennai	+2	6385162229	Krupakar29304@gmail.com
6/8/2021 18:37:16	Sivaranth Selvan CV	Mahatma school,Madurai	+2	6382765938	sivaranth2017@gmail.com
6/8/2021 19:24:02	V B SARAVANAN	Maharishi Vidya Mandir	+2	8939558645	vbsaravanan2003@gmail.com
6/8/2021 22:22:03	NIVEDHANA P	Vidhya Niketan, Coimbatore	+2	09003033606	niveprem02@gmail.com
6/9/2021 10:46:25	R.U.LAXMAN	Ceoia school,Madurai	+2	9025542112	laxmancharu5@gmail.com
6/9/2021 10:50:54	GowneshWaran	Vivekananda school pannaikadu,Kodalkanal	+2	6379417117	gowneshwaran.nagaraj@gmail.com
6/9/2021 10:54:27	M.SIBIYA	C.E.O.A MATRICULATION HR SEC SCHOOL,madurai	+2	7825002100	sibinave2@gmail.com
6/9/2021 10:55:28	T.Om.Yatheen	KLN polytechnic college,madurai	Diploma (10th standard + 3 years dip	9360793782	yatheen11@gmail.com
6/9/2021 10:57:06	T.Om.Yatheen	KLN polytechnic college,madurai	Diploma (10th standard + 3 years dip	6382809797	yatheen11@gmail.com
6/9/2021 11:05:12	Vidhyaprabha E	Thaal matriculation school, madurai	+2	9659422294	vichueiangovan@gmail.com



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6/9/2021 11:37:16	S. VISHWA	SYED AMMAL SCHOOL, RAMANATHAPURAM	+2 finished	9488974088	vishwaanun456@gmail.com
6/9/2021 11:40:42	KOWHIGA.M.Y	S.J.N. mettupalayam	+2	9443338860	kowshigayuvvaraja@gmail.com
6/9/2021 11:48:05	BHARATHI SIVA.V.M	Krishna International school Ramanathapuram	+2	9443020048	mkshsiva@gmail.com
6/9/2021 12:15:09	KURINJI KAVIYA MUHILI T	NATIONAL ACADEMY MATRIC HIGHER SECONDARY SCH	+2	7708904700	kurnjikaviyamuhili@gmail.com
6/9/2021 12:27:29	NAVIN. G	NOBLE SCHOOL, Virudhunagar	+2	8220300213	www.gyknavi@gmail.com
6/9/2021 12:57:31	GOMATHI NAYAGAM R	HILTON SCHOOL, Courtallam	+2	9500124902	aarji2003@gmail.com
6/9/2021 13:49:17	ILLURI DURGA GRAVANI	Sarada educational institutions,vijayawada.ap	AP BOARD INTERMEDIATE	8374233888	iluridurgagravani11@gmail.com
6/9/2021 13:53:23	Shanmathy	Chettinad Vidyashram	+2	6380620951	shanmathy21@gmail.com
6/9/2021 14:30:54	JENIN R.	VMHSS,Theni	+2	9486479876	subscribetojenin@gmail.com
6/9/2021 14:46:18	ANU KATHERINE	St micheals academy , Chennai	+2	9445223456	anukatherine176@gmail.com
6/9/2021 14:55:27	M.syed sheik mohamed	National Academy mont.mat.hr.sec.school	+2	8754796676	Syedsheikmohamed865@gmail.co
6/9/2021 15:14:16	Shanmathy	Chettinad Vidyashram	+2	6380620951	shanmathy21@gmail.com
6/9/2021 16:10:54	N.FIZA SALIHA	BOAZ PUBLIC SCHOOL, CHENNAI	+2	9941458277	kamilia.ftza@gmail.com
6/9/2021 16:25:19	J Janasree	Velammal Matriculation	+2	9952958591	hema15121977@gmail.com
6/9/2021 16:43:19	SUVETHA	VMJ SCHOOL, MADURAI	+2	8754035431	suveetha2445.vmschool@gmail.co
6/9/2021 17:57:59	YAZHINI A	SENTHIL PUBLIC SCHOOL ADHIYAMANKOTTAI,DHARMA	+2	9080882606	yazhinianandh427@gmail.com
6/9/2021 18:02:03	YAZHINI A	SENTHIL PUBLIC SCHOOL ADHIYAMANKOTTAI,DHARMA	+2	9688621888	sivagamianand111@gmail.com
6/9/2021 18:11:48	Dravya	Srm University	3 rd year	08754482384	dravyajalula@gmail.com
6/9/2021 19:31:59	N.C ESHWARNATH	MAHATMA KK NAGAR,Madurai	+2	9942410048	noeshwamath@gmail.com
6/9/2021 20:26:25	HARI PRASAD V	VELAMMAL VIDHYASHRAM	+2	9790686770	hariprasad10c@gmail.com
6/9/2021 20:33:47	NAYA.N	MOHAMED SATHAK DASTAGIR MATRIC.HR.SEC.SCHOO	+2	9843098407	nayacbe18@gmail.com
6/9/2021 20:52:47	SHIVATHIKA.M	SANTINIKETAN, Theni.	+2	9976909609	manikandannalakarupam@gmail.co
6/9/2021 21:09:58	YUGANDHAR BHAMARE	Chitkara International School, Chandigarh	Diploma (10th standard + 3 years dip	78377 15119	Deeplia7@gmail.com
6/9/2021 22:12:14	KOWSHIGA.M.Y	Satchidananda Jothi Niketan , mettupalam	+2	9443338860	kowshigayuvvaraja@gmail.com
6/10/2021 2:44:50	Surya	Bharath University	B.Arch	9789698498	sweetysurya256@gmail.com
6/10/2021 16:11:03	KOWSHIGA.M.Y	Satchidananda Jothi Niketan , mettupalam	+2	9443338860	kowshigayuvvaraja@gmail.com
6/10/2021 21:40:43	A. ALVIN ROY	DON BOSCO SCHOOL, EGMORE,CHENNAI	+2	4919444389530	amalabenny2@gmail.com
6/10/2021 22:56:58	VASANTH.K	Sathyabama Institute Of Science And Technology	Bachelor Of Commerce	07845174453	kvasanth2707@gmail.com
6/10/2021 23:37:17	MAHISHA.B	VIDYODAYA MAT HR SEC ACADEMY	+2	98844 38015	babuairtdirector@gmail.com
6/11/2021 14:44:01	Shandhiya	Noble matriculation Hr. Sec school	+2	8778569915	shandhiya03@gmail.com
6/11/2021 14:45:03	ROHITH SINGH	alpha matric higher secondary school, pondicherry	+2	7603955041	Rohithbalaishsingh@gmail.com
6/11/2021 17:41:03	G.SAI HANEESHA	Asram elluru	Mbbs	9153915379	saihaneeshagannapaneni@gmail.c
6/11/2021 18:05:56	J.S. SOWMIYA SRI	Mahatma Baba Building School, Madurai	+2	8838675855	sowmili143@gmail.com
6/11/2021 20:39:50	RANJITHA PRIYA	KVT SCHOOL,Madurai	+1	8754948977	pandiyammaiponraj@gmail.com
6/11/2021 20:56:40	Sarika chandana	Amali Soti,	+2	9392665781	sarikachandana5@gmail.com
6/11/2021 21:05:21	Sarika Chandana	Amali High school, Andhara Pradesh	+2	9676041918	sarikachandana5@gmail.com
6/11/2021 23:15:48	Bhaarthi V	Sishya OMR	+1	9962191333	vijaykumar.ch1@gmail.com
6/12/2021 9:53:41	SHANTHI NILA	Kaligi rangathanan mottford matric hr sec school,perambur	+2	9940492294	nilaniml02@gmail.com
6/12/2021 10:54:16	Monisha Nageswaran	Little Kingdom	M.Arch	0806818860	monishanageshwaran1504@gmail
6/12/2021 14:17:52	S.PUGAZHENDHI	BOAZ PUBLIC SCHOOL, CHENNAI	+2	8667319271	pugaikumar9962@gmail.com
6/12/2021 15:37:03	PRIYA	PSBB	+2	09884040535	hinupriya877@gmail.com
6/12/2021 21:18:29	NANDHANA.S	Good Earth School , Naduvveerapattu	+1	9344604560	Nandhana.crimson@gmail.com
6/12/2021 21:30:39	B.MAHISHA	VIDYODAYA MAT Hr Sec academy	+2	98844 38015	babuairtdirector@gmail.com



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6/12/2021 22:02:51	SARAVANAN	Govt Boys Higher Secondary School , Kovur.	School Teacher	9751518583	saravanananur@gmail.com
6/13/2021 10:02:56	MRIDHULA MANI	PSBB SENIOR SECONDARY SCHOOL, CHENNAI	+2'	9710779929	marvelousmridishi@gmail.com
6/13/2021 13:48:12	DHARSHINI P	The Velammal International School	+2'	9790795644	empasupathy278@gmail.com
6/13/2021 19:11:49	Nikita Bhowmik	TIT, Tripura	Diploma (10th standard + 3 years dip	6009338236	bhowmiknikita05@gmail.com
6/13/2021 19:49:32	Sahana	Zion matriculation school	+2'		shobasuri@gmail.com
6/13/2021 20:48:27	INDHUMATHIL	Sathyabama institute of science and technology	Pg	8754542201	indhustyles@gmail.com
6/13/2021 20:50:35	PRATHAP L	Sree iyappa matriculation higher secondary school	+2'	8754542201	indhustyles@gmail.com
6/13/2021 21:44:32	B.SIVADHARSHAN	JEGAN MATHA MATRICULATION SCHOOL, Trichy	+2'	9344720577	dharsansiva064@gmail.com
6/13/2021 23:43:06	SAI PAVAN T.M	Sri Sathya Sai Institute Of Educare	+2'	9445454617	tmsalpavan@gmail.com
6/14/2021 6:25:28	JENANIR RK	CAUVERY GLOBAL SENIOR SECONDARY SCHOOL, TIRU	+2'	8248507550	jenaanir227@gmail.com
6/14/2021 7:10:31	ASHWANTHI	UNION CHRISTIAN SCHOOL , Chennai	+2'	9500053292	ashwanthi624@gmail.com
6/14/2021 7:53:24	N.B. DHARSHAN	Adhiyanschool, Krishnagiri dt.	+2'	8448797079	bhuvislm2000@gmail
6/14/2021 7:55:26	NB DHARSHAN	Adhiyanschool, Krishnagiri	+2'	8778497078	bhuvislm2000@gmail
6/14/2021 8:12:55	Valishnavi S	K.S.R. Matric. Hr. Sec. School, Namakkal	+2'	8072672427	valishnavi04suresh@gmail.com
6/14/2021 8:30:47	Valishnavi S	K.S.R. Matric. Hr. Sec. School, Namakkal	+2'	8072672427	valishnavi04suresh@gmail.com
6/14/2021 8:42:36	Hema	Omega International school	+2'	8667422114	Hema.redz@gmail.com
6/14/2021 9:36:58	U. Nafeesa	Boaz public school	+2'	995293545	Nafeesa14@yahoo.com
6/14/2021 10:25:42	M.Gokulakrishnan	Jessie matric he sec school, trichy	+2'	6383935596	gokulkrishnan2753@gmail.com
6/14/2021 10:35:54	S.Aswini chendhur	Kvs mat hr sec school. Virudhunagar	+2'	7373743493	aswinchendhur@gmail.com
6/14/2021 10:35:59	Yogeshkumar.R	Adhyapana school cbse madurai	+2'	7539989339	yogesh251103@gmail.com
6/14/2021 10:36:53	RITHIKA BOLLAPRAGADA	SRI CHAITANYA JUNIOR COLLEGE	+1'	7674870286	ritubollapragada@gmail.com
6/14/2021 10:37:56	SUDHARSONA S	ADHYAPANA SCHOOL CBSE, MADURAI	+2'	7092625008	sonasudhar16@gmail.com
6/14/2021 11:09:15	T.Abdul Hameed	Parivallai Matric Higher Secondary school	+2'	6374726533	mm9714969@gmail.com
6/14/2021 11:33:05	Sriravshini	VSKD school, sivakasi	+2'	9442071630	Sriravshinikumarr250@gmail.com
6/14/2021 12:13:58	Vanmathi Gunasekaran	Good Earth School, Naduveerapattu	+1'	9444825961	vanmathi2325@gmail.com
6/14/2021 14:42:31	MOHAMMED MAZEN	IMMS SCHOOL, THONDI	+2'	8681860396	mohammedmazenmz@gmail.com
6/14/2021 15:21:55	HEMASHRI GG	THE TVS SCHOOL, Madurai	+1'	8056807321	gg.hemashri@gmail.com
6/14/2021 16:35:23	SREEJITH	MOUNT, TVM	+2'	9585651505	Sparkzfree007@gmail.com
6/14/2021 16:54:45	Sowmya	MVM	+2'	9849646202	
6/14/2021 17:34:55	VENKATESAN	BHHS	+2'	9840975999	designas2008@gmail.com
6/14/2021 20:57:33	M. A. THARUN	Jawahar vidyalaya, chennai	+2'	9962027247	matharun07@gmail.com
6/15/2021 8:42:41	NIRMAL	SKV KARUR	+2'	8248844533	mksnirmal04@gmail.com
6/16/2021 7:41:08	V.SARAN	Buvana Krishnan matriculation higher secondary School kel	+2'	8778893051	saranvasu9962@gmail.com
6/16/2021 7:44:50	V.SARAN	Buvana Krishnan matriculation higher secondary School kel	+2'	8778893051	saranvasu9962@gmail.com
6/16/2021 8:14:47	R PERUMAL	SCGHSS Kovur Chennai	+2'	9940306157	sridevibaiaj46@gmail.com
6/16/2021 11:25:24	P.chethan reddy	Velammal Knowledge Park, High Road, Panchetti, Kolkata	+2'	6369078367	Chethanreddydvts@gmail.com
6/16/2021 12:44:04	S.BLESSY MARIA ANGELIN	Velammal school, thiruppuvanam	+2'	9944125639	blissymariaangelin@gmail.com
6/17/2021 22:10:07	Swetha.R	Sri Shankara Vidhyashramam Hr.sec school thiruvannmlur cher+2'		7339257334	swetharavichandranr@gmail.com
6/17/2021 22:12:01	Swetha.R	Sri Shankara vidhyashramam hr sec school thiruvannmlur cher+2'		7339257334	swetharavichandranr@gmail.com
6/18/2021 12:04:47	C.JEEVANRAJ	SYED AMMAL SCHOOL , RAMANATHAPURAM	+2'	8778998453	jeevanrajsurya@gmail.com
6/18/2021 14:12:51	KARAN	ACHYUTA ACADEMY, DINDIGUL	+2'	8344420257	Ronaldokaran50@gmail.com
7/9/2021 16:01:54	Swetha.R	Sri Shankara vidhyashramam hr sec school thiruvannmlur cher+2'		7339257334	swetharavichandranr@gmail.com



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This is to certify that

has successfully completed



PATHFINDER 2.0

Decoding Architecture & Design

A 5-Day Online Workshop on: **Aptitude in Architecture & Design**

Conducted between: 14th July - 18th July, 2021

Dr. Devyani Gangopadhyay
Dean & HOD, Dept. of Architecture
Sathyabama Institute of Science & Technology

COURSE CERTIFICATE





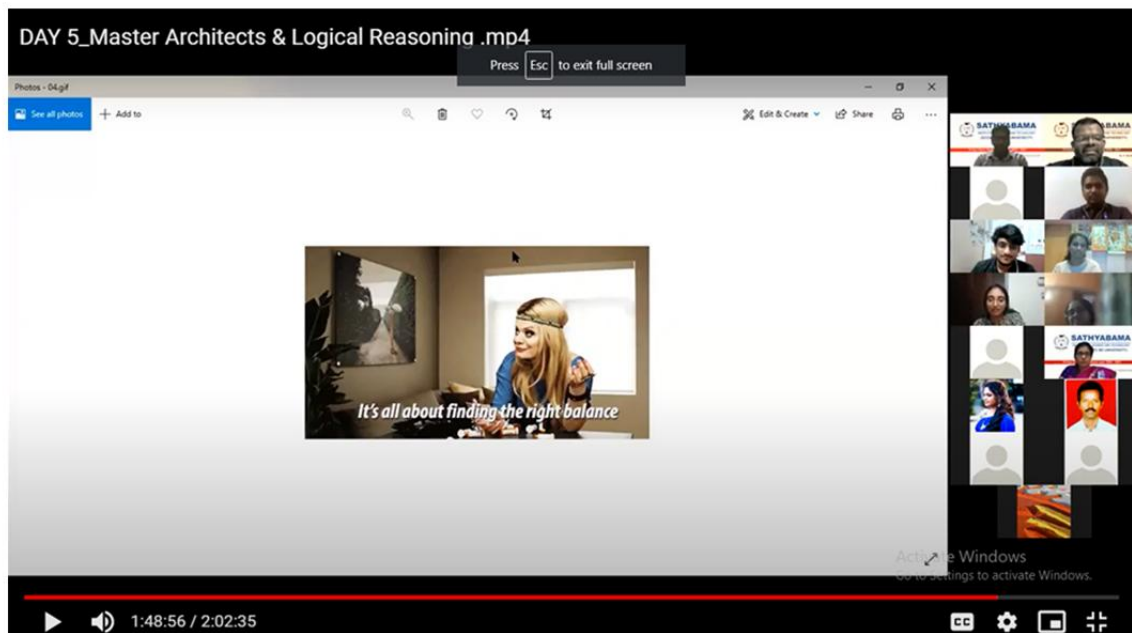
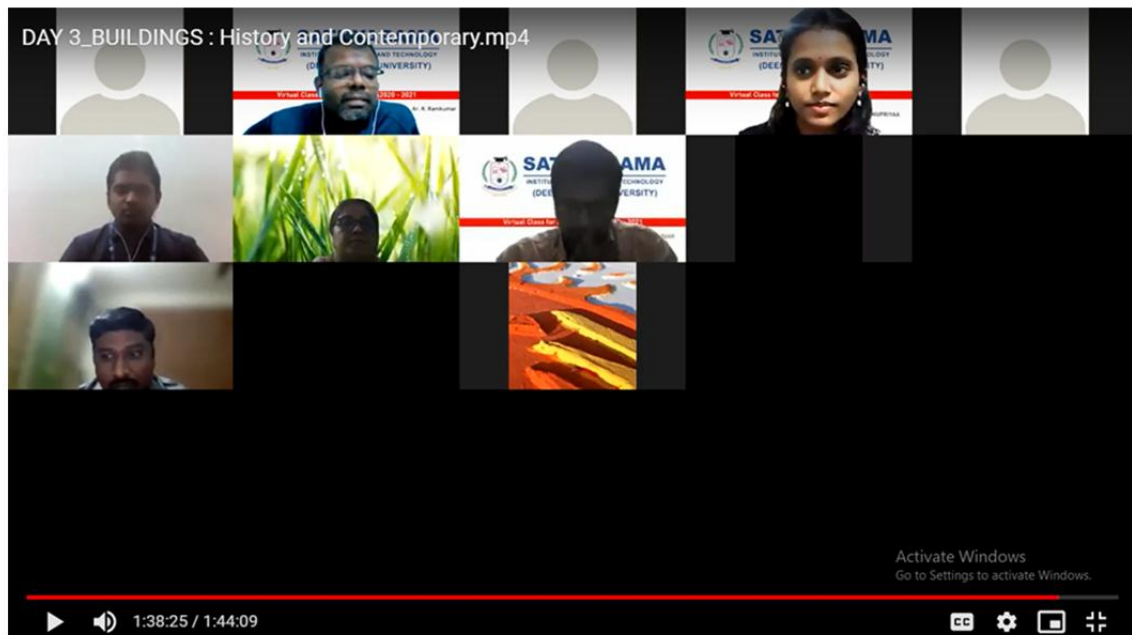
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Wellness Program –

Managing Emotions and Relations

28.06.2021 to 01.07.2021

A wellness webinar was organised for the students of department of architecture on 12th March 2022 by a certified Life Coach Ar. Dharini Sridharan. It was about helping people improve their lives through one-on-one sessions , where they could talk about various issues and goals they wanted to achieve. The expert has started practicing this out of her passion and had offered the session to the Sathyabama Architecture students without any cost involved.

The theme and some of the points pondered in the program was " We are in this together - In this busy world, amidst so many , friends, family, and relationships that we face, we forget to look within us.

Ask yourselves- “Is there a purpose for my activities? What is the big picture here? How do I look at the big picture? Where am I in the small picture now? How to make it matter? If it matters to me, how do I focus better to succeed? How to trick my mind to be more productive?” We all face different issues in different intensities with different people- parents, friends, family, relationships, love, workplace, etc. Have you ever wondered why you fight with all of those who matter on the same day and feels like the world is collapsing? Look deeper and turn inwards for answers! Let us turn inwards together and ask ourselves some fundamental questions to rack our brains! "



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WELLNESS PROGRAM

MANAGING EMOTIONS AND RELATIONSHIPS

The education systems all over the world focus on imparting knowledge and skills to help people achieve success in their careers and make a living. In this pursuit of success and achievements, everyone faces emotional stresses in their lives. Unfortunately our education system does not teach us how to cope with the emotional issues which range from mild anxieties to serious depression and in worst cases even leads sometimes to people contemplating ending their lives.

This short course has been designed to assist members of the teaching profession to manage the stresses in their own lives and to assist their students who may need support and advice when they face difficult situations in their lives.



Dr. Sheela Sree Kumar
B.Arch, MBA, PhD
Facilitator
London School of Psychology
Email: india-register@lsppsychology.com



Prof. Y Gopalakrishnan
B.Arch, MTP
Facilitator
London School of Psychology
Email: india-register@lsppsychology.com

PARTICIPANTS in this course will be able to

- Identify types of emotions.
- Develop awareness of the importance of thoughts in creating emotions.
- Understand how to regulate emotions
- Learn how to maintain effective relationships
- Employ techniques to manage emotions.

DATES : JUNE 28th to JULY 01st 2021

TIME : 01:00 - 03:00PM

Registration : Free

Registration Link

<https://forms.gle/BTPDTXFDumAwCG2b7>

This course does not attempt to replace professional medical intervention as necessary for persons with existing mental conditions. It is meant to be a tool kit of practical and easy to follow preventative strategies to prepare people to handle stresses and emotional issues as they arise in their lives.



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WELLNESS PROGRAM

MANAGING EMOTIONS AND RELATIONSHIPS

SESSION PLAN

SESSION 1 (2 hrs)

EMOTIONAL REGULATION

Measuring Emotions
Ways To Deal With Emotions
The Role Of Thought In Emotion
Thought Change Techniques

SESSION 2 (2 hrs)

ACCEPTANCE AND COMMITMENT THERAPY (ACT)

Hypotheses Of Act
Cognition Of Thought
The Role Of Language In Emotions
Basis Of Act Theory

SESSION 3 (2 hrs)

REWRITING THE MIND

In Which Chain Of Reasons Are We Trapped?
Mantra Therapy
Summary Of The Mantras
Will Power And Better Focus

SESSION 4 (2 hrs)

EFFECTIVE RELATIONSHIPS

Introduction To Relationships
Communication Techniques
Factors Which Hold Us Back In Relationships
Requirements For Good Relationships



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Sl. No.	Faculty Name
1	Ar. Devyani Gangopadhyay
2	Ar. Ebin Horrison
3	Ar. Arulmalar
4	Ar. V. Shankar
5	Ar.R.Ramkumar
6	Ar.S.Catherine
7	Ar.S.Kavitha
8	Ar.S.G.Selvendiran
9	Ar.Jhannupriyaa .M
10	Ar.Yusuf Chiniwala
11	Ar.C.Vignaeshwar
12	Ar.Divyaa
13	Mr.J.Amudhan
14	Ar.S.Sukirtha
15	Ar.S.Deepalakshmi
16	Ar.Ramesh Kumar
17	Ar.Surya Rajkumar
18	Ar. Seetha
19	Ar.Vijendranath
20	Ar. Juvilasri
21	Ar.G.Monisha
22	Ar.V.V.Sanghavi
23	Ar. Abigail infant
24	Ar. Priyadarshini
25	Ms. Krithika
26	Ms. Preethi (Fasion Design)
27	Ms.Gayathri (Fashion Design)
28	Mr. Jeeva (Fashion Design)
29	Mr. Ravi Siddharth



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Climate Responsive Design Workshop (CRDE)

Academic Year - 2021 – 2022

This event was coordinated by Ar. Catherine Selvaraj and Ar. Shobana Subramanian, Faculty of Department of Architecture. The workshop was conducted on 18th August-09th September 2021 – A 4 week online workshop for the student of Architecture. This event was conducted in online zoom platform and the participants were limited to 30 for more interactions and hands on.

The workshop was planned for 3rd year and 4th year B.Arch students. The Workshop was organized for 4 weeks, with the 1st week thrust on Climate consultant software and few manual calculations for shading device; followed by the 2nd week, focus on Solar Analysis, with the insight on Formit software; the 3rd week emphasized on Day Lighting Analysis with insight on Light Stanza, and 4th week highlighted the importance of ventilation and how it can be quantified using flow design software. The intention of the workshop is to impart basic parameters of Climate and the use of software's and tools to design Climate responsive buildings. The workshop is mainly organized to give a comprehensive understanding of Solar Analysis, Day lighting Analysis and Wind Analysis through freeware climate software's and simple manual calculations. The students were given assignment for each of the topic, where they actively participated and learnt the software and submitted a capstone project at the end of the workshop. The Outcome of the workshop was reflected in their Class Design project and thesis.



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4-Week Online Certificate Workshop on Climate Responsive Design Strategies



Session Details

Week 1: Climate Analysis

- How to read Climate data for various zones.
- What is human comfort and its complexities
- Analyzing the climate data with respect to human comfort
- Psychrometric Chart, Mahoney Table (Manual calculation)
- Manipulating Comfort levels & providing Passive/Active strategies

Assistive Software Hands-on: Climate Consultant Software

Session Handled By:
Ar. Jeeva Selvarajoo, M.Arch (Sustainable Architecture)
Ar. Nagesh, M.Arch (Building Management)
Ar. Lavitha, M.Arch (Sustainable Architecture)

Week 2: Solar Analysis

- Site planning - Designing for Optimum Orientation - Sun movement & Shadow Analysis
- Spatial planning - Functional planning based on sun radiation & Occupancy Schedule
- Designing Shading devices - Shadow angle predictor, Shadow mask

Assistive Software Hands-on: Climate Consultant & Autodesk Revit

Session Handled By:
Ar. Sangeetha Venkatesh Varadar, M.Arch (Sustainable Architecture)
Ar. Sathya Visalakshi, M.Arch (Sustainable Architecture)

Week 3: Daylighting Analysis

- Daylight components & behaviour - Visual comfort
- Indoor Daylighting Requirements & Calculation
- Passive & Active Strategies for Indoor Daylighting

Assistive Software Hands-on: VELUX

Session Handled By:
Ar. Shiksha Subramanian, M.Arch (Interior)
Ar. S. Kumaraswamy, M.Arch (Sustainable Architecture)
Ar. Jeeva Selvarajoo, M.Arch (Sustainable Architecture)

Week 4: Ventilation

- Understanding Wind data & Behaviour - Wind velocity & pressure, Wind rose diagram
- Designing for Optimum Ventilation - Incorporation in Site planning
- Air behaviour - Wind shadow
- Indoor Ventilation Requirements, Calculation
- Passive & Active Strategies for Indoor Ventilation

Assistive Software Hands-on: Climate Consultant & Flow Design

Session Handled By:
Ar. Catherine Johnson, M.Arch (Sustainable Architecture)
Ar. Mahalingam Karthikeyan, M.Arch (Sustainable Architecture)
Ar. Chitra Kanna D, M.Arch (Sustainable Architecture)



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CHIEF PATRONS

The institution has attained greater heights under the guidance of :

Colonel Dr Jeppiaar, M.A.,B.L., Ph.D.,
Founder Chancellor

and dynamic leadership of:

Dr. Mariazeena Johnson, B.E., M.B.A., M.Phil., Ph.D.,
Chancellor

Dr. Marie Johnson, B.E., M.B.A., M.Phil., Ph.D.,
President

Ms. Maria Bernadette Tamilarasi Johnson,
Vice President

PATRONS

Dr. T Sasipraba, M.E., Ph.D
Vice Chancellor

Convenor:

Dr. Devyani Gangopadhyay, M.Arch, Ph.D
Dean & HOD, Dept. of Architecture

Co Convenor:

Ar. Ebin Horison, M.Arch

Workshop Coordinators:

Ar. Catherine, M.Arch

Ar. Shobana, M.Arch

WEEK SCHEDULE:

WEEK 1: CLIMATE ANALYSIS

Climate Consultant Software

WEEK 2: SOLAR ANALYSIS

Climate Consultant & Andrew Marsh

WEEK 3: DAYLIGHTING ANALYSIS

VELUX

WEEK 4: VENTILATION

Climate Consultant & Flow Design



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CRDE | 18th AUGUST - 9th SEPTEMBER, 2021 |

A 4-Week Online Certificate Workshop on: **CLIMATE RESPONSIVE DESIGN STRATEGIES**

TIME: 5:00 PM- 7:00 PM

Login Credentials will be Shared to Registered Participants

Registration Link: <https://forms.gle/snUuEymTy32bqbzf8>

WHO SHOULD PARTICIPATE?

III, IV & V year Students of Architecture Limited to only 20 Participants

PREREQUISITE Basic knowledge on Climatology, SketchUp Software

Registration Free | E Certificate will be issued

CLIMATE ANALYSIS | SOLAR ANALYSIS | DAYLIGHTING ANALYSIS | VENTILATION

Visit us online:
www.sathyabama.ac.in

For any queries call us at:
+919884869091
+919445614621

Email us at:
climateresponsivedesign2021@gmail.com



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SCHOOL OF BUILDING & ENVIRONMENT					
DEPARTMENT OF ARCHITECTURE					
CRDE Workshop Participants Details					
S.NO	Participants ID No	Name of the Participant	Year	Email ID	Mobile Number
1	CRD01	Allen	5th	allenanil2000@gmail.com	9526856044
2	CRD02	Anagha Treesa Francis	4th	anaghatreessafrancis@gmail.com	9444554634
3	CRD03	Apama	3rd	av95247600@gmail.com	8825696854
4	CRD04	Archana	4th	archana4m2@gmail.com	6369148250
5	CRD05	A Ashwin	3rd	ashwinraghul2001@gmail.com	6380885511
6	CRD07	Divya. R	4th	divyabhuvana.2000@gmail.com	9500088458
7	CRD08	Gayathiri K. K	4th	gayathirilakshmi22@gmail.com	9790719590
8	CRD09	Hariharan.B	4th	harishnov28@gmail.com	9840630004
9	CRD10	Keerthana Saji	3rd	Keerthanasaji18@gmail.com	8281101444
10	CRD11	Lekha Sree	4th	lekhasree21082000@gmail.com	9963543284/9962543284
11	CRD13	Pooja Reddy	4th	paposara26@gmail.com	8056228502
12	CRD16	Rithika V	4th	rithika.v001@gmail.com	8778650510
13	CRD18	Sai Teja. T N	5th	saitejatn@gmail.com	9840310789
14	CRD19	sai vineela	4th	saivineela710@gmail.com	9381322663
15	CRD21	Sanjeev Sivakumar	5th	sanjeev.arc17@gmail.com	9789809674
16	CRD23	Shanmathi R	4th	Shanukrishnan0403@gmail.com	9790606276
17	CRD24	Sivaraman K	4th	sivaleo2000@gmail.com	9791250686
18	CRD25	Snegha S	4th	snegha00@gmail.com	9566245220
19	CRD26	Subhashree T	5th	subha10699@gmail.com	7904985692
20	CRD27	Surya shree	5th	msshree5@gmail.com	7010646276
21	CRD28	Vivin Merola S	3rd	merola7121@gmail.com	9840613428
22	CRD12	Mithun M	4th	mithusmaint09@gmail.com	9150218074
23	CRD14	Pranav	3rd	pranavaidiya254@gmail.com	9551055922
24	CRD15	Rajesh	5th	jonnalagaddarajesh59@gmail.com	7358599183/9912115928



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A 4-week online workshop on:

CLIMATE RESPONSIVE DESIGN STRATEGIES

Organized by:

Department of Architecture, Sathyabama Institute Of Science And Technology

CERTIFICATE

This is to certify that

Allen Anil Varghese

has participated and successfully completed the 4-week online workshop on "**CLIMATE RESPONSIVE DESIGN STRATEGIES**" from 18.08.2021 to 09.09.2021 organized by **Department of Architecture, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY**, Chennai.

Dr. Devyani Gangopadhyay,
Dean & HOD,
Dept. of Architecture





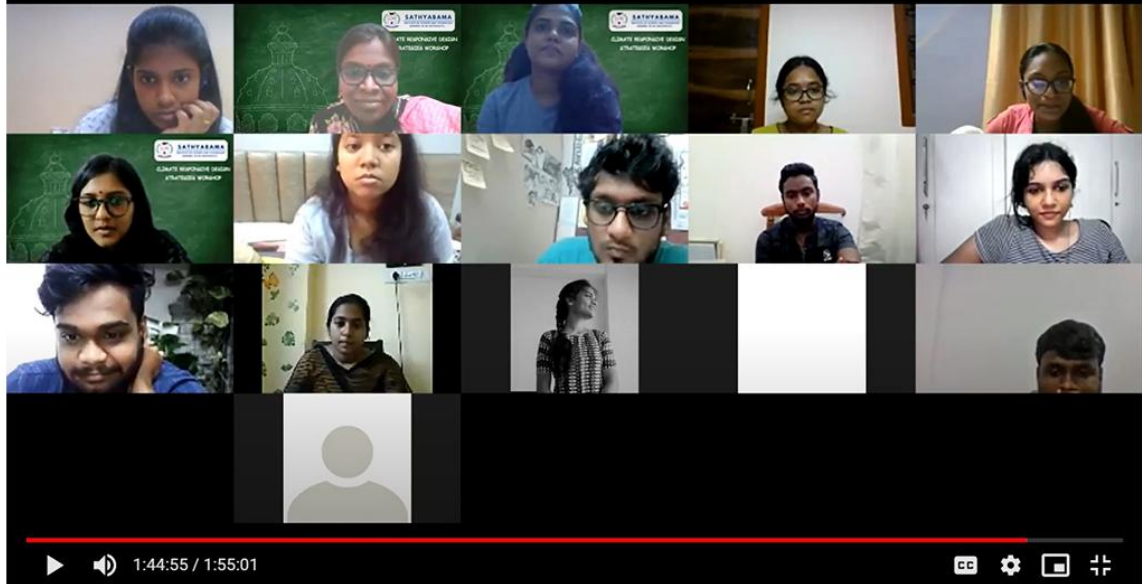
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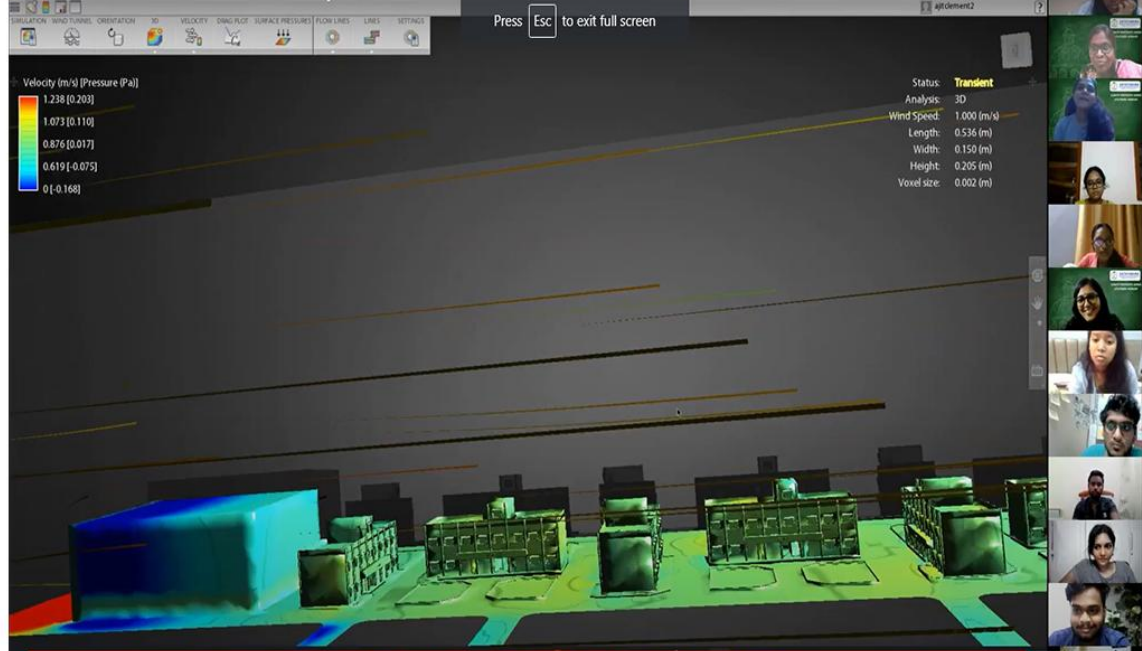
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Week4-Ventilation-Session1.mp4



Week4-Ventilation-Session1.mp4





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MADRAS DAY EVENTS

Multiple events including a quiz where conducted to judge the participants for various spontaneous and smart skills.

I.Fashion:THE TWIST

Chennai is one of the major metropolises in India and serves as the gateway to the culture of south India. It has emerged into a cosmopolitan city with a huge cultural and historical background, along with being home to a diverse range of people. The people of Chennai play a major role in the development of the city and defining its character. To know their origin, understand their characteristics and outfit and to respect them for bringing the city together, this competition is created.

II.Connections:(Discover the Undiscovered)

Chennai city has a strong historical background and is known for its vibrant culture and heritage. Ancient temples, monuments, vibrant arts, natural wonders and a bustling culinary scene make Chennai a popular tourist attraction. Besides the well known tourist and local hotspots there are many places which are offbeat and unexplored within our city. As architects we are taking a step forward in bringing these places to light. You can choose a stretch that can be the route leading from your home to your gym or your favourite falooda shop. Explain why the stretch is unique and identify the unexplored places along or close by the chosen stretch, giving an account of its nature through a storyboard.

III.SHIPWRECK & ADZAP (21 AUG 2021)

Do you hold the potential to encourage and persuade an audience to buy any product you propose? If you possess the creativity to sell off then it's time your creativity got recognition! Come forward and showcase your creative side to participate in the ADZAP world.



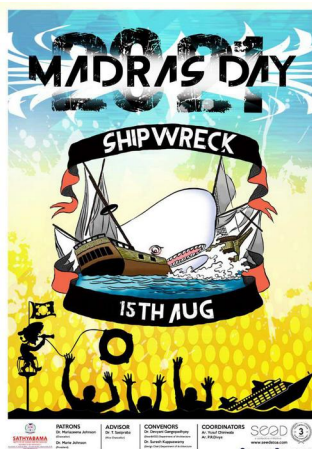
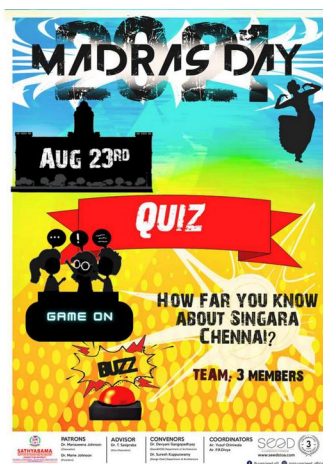
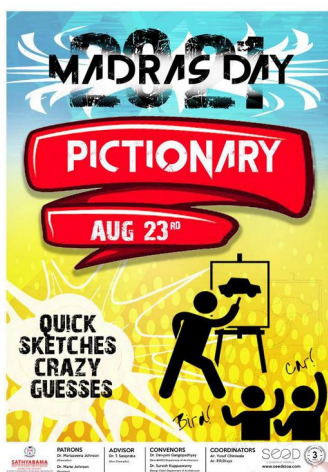
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EVENT CERTIFICATE

This is to certify that

Arshya

has won the FIRST PLACE in:

QUIZ

As part of: **MADRAS DAY CELEBRATIONS**

Conducted on: **23rd August 2021**

Dr. Devyani Gangopadhyay
Dean & HOD, Dept. of Architecture
Sathyabama Institute of Science & Technology



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S.No.	Name List
1	ANANDHI . S
2	ELIN DANITA . D
3	GOKUL . V
4	INFANT LAVANYA SHIRLEY.V
5	ISHANAA RATNAM . M
6	JOHN ALTON . J
7	KESAVARSHANAN N A
8	KUMARAPPAA S
9	NEVETHIKA G
10	NITHYA . S
11	PRASATH . V
12	ROSHINI . R
13	SUBIKSHA . M
14	VAISHNAVI SANKAR
15	BURRA SAILEELA
16	SHAILAJA S
17	ANUSHREE . R
18	APARNA . V
19	ASHOK KUMAR . R
20	ASHWIN RAGHUL . A
21	ASHWINI SINGH
22	KARTHIK RAJA . R
23	KARTHIKEYAN . A
24	KARTHIKEYAN . M
25	KIRUBA SHANKAR . M
26	MOHAMED SHAKIR . J
27	MOHAMMED AFREED . M
28	NIDHISHA . V
29	PRANAVAIDIYA . K
30	RAMSAI S
31	SAM JOSEPH
32	SANJAI STAFON . K
33	SANJAY . V
34	SANJIV BALA . B
35	SATHIYAKEERTHI . M
36	SATHYAMOORTHY . M
37	SHABARI SHREE . V
38	SHALINI . M
39	SHANJAY . M
40	SHYAM GANESH . M
41	SIDDIQ S R
42	SNOW DIMPY PREETHI . A

43	ASWIN SURIYA . K
44	BALASAKTHIYAN . C
45	HARIHARAN . B
46	HIYASHREE DEY
47	JAKKAMPUDI LAKSHMI LAAVANYA
48	KANCHANA KHEERTHANA
49	KARTHIK . M
50	KAUSHIK RAM . G
51	LITHIKA . S
52	MOHAMED SEENI ABIL
53	NISHANTHI . V
54	NRITHIKA . S
55	RITHIKA . V
56	SHANMATHI . R
57	SHIVYA RAJKUMAR
58	VIBHAAS VIJAYAKUMAR SOORYA
59	VINOTH KANNAN . P
60	DURGAA . M
61	SILAS RANJITH B
62	SWETHA SHAYAMLEE B
63	TEJASWINI A
64	VAISHNAVI T
65	HIRUTHIK ROSHAN
66	AMALAJASMIN S
67	SNEHA MURALI
68	ARSHYA RUBY . P
69	GURU SOUNDER . K
70	JOGINDER KUMAR . A.V
71	NIVEDHAA . B
72	POONILA . K
73	SUDHARSUN . M
74	SHIFANA FATHIMA . V
75	SHWETHA . M
76	AMIRTHA . S
77	SANTHOSH.RA
78	KAVYA MOHANDAS MOHANDAS
79	HARRINE . R
80	Rudhraa shree S.K



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SHREYA SUBRAMANIAN





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LEARN TEACH GROW MUTUALLY ARCHITECTURE SOFTWARE WORKSHOP- SEED

Academic Year - 2021 - 2022

RESOURCE PERSON: Ar. Arun

Softwares in the field of architecture is a requisite skill that would determine the contribution that you can make to the society. But this skill is always highly priced and valued that most of us students just rely on free sources such as YouTube for learning. So as to bridge this gap and provide you with an opportunity for learning the required skill set in an organized setting, SEED brings you the series of software workshops in this Independence Day. It aims to cover a range of software's and their functions in an organized and informative manner. These workshops are a part of the initiative "learn, teach and mutually grow". Students of all batches are encouraged to join this initiative to get in with the benefits offered. The workshops are held for free and provide with an opportunity to interact with the students of all batches and seniors.

Students were made to learn AutoCAD, the industry-leading computer-aided design (CAD) software used for architectural drawings. Resource person Ar. Arun showed how to create 2D designs, make and edit AutoCAD Drawings, Plans and Layouts and work with projects like floor plans, diagrams and drafting details. This workshop covered starting with Sketching, Layers, Dimension Styles, Dynamic Blocks. Below is a comprehensive list of all the things covered in the workshop:

1. AutoCAD- General Updates, Drawing Compare, Document Improvements, Layer Enhancements
2. Drawing- Drawing Lines, Creating Other 2D Objects, AutoCAD Polylines, Adding Points
3. Drawing Aids- Editing Sketched Objects, Duplicating Objects, Separating and Joining Sketched Objects, Editing Tools
4. Layers- Working with Layers, Layer Tools
5. Objects- Object Properties, Utilizing Grips
6. Creating Text and Tables- Annotative Objects, Creating Text, Using Tables
7. Dimensions- Dimensioning and Detailing Drawings, Working with True Associative Dimensions, Editing Dimensions Using Editing Tools, Dimension Styles, Using Dimension Styles
8. Hatching Drawings- Hatching Basics, Modifying Hatch Properties
9. Paper Space- Paper Space Layouts, Adding Viewports, Working with Viewports, Layout Tools,
10. Plotting Drawings In AutoCAD- Plot Styles and Page Setups, Publishing to other File Types
11. Blocks- Working with Blocks, Inserting Blocks, Changing Blocks
12. AutoCAD Sheet Sets- Build a Sheet Set, Sheet Set Views



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POSTER

SEED, A STUDENT BODY ORGANIZATION

(By | To | For the students)

Sathyabama Institute of Science and Technology,

Chennai 600 119, Tamil Nadu, India

www.seedsto.com

Aug 15, 2021



AUGUST 18th - 31st | 5:00 - 6:30pm IST

" A seed's initiative from the series of Learn, Teach, and Grow mutually program "

(Basics to Advanced)

for free!

*limited registrations



learn.
teach.
growmutually



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SCHEDULE

  a collective initiative www.seedsto.com			
LEARN TEACH GROW MUTUALLY SOFTWARE WORKSHOP - 2021			
DATE / DAY	TIME	CONCEPT	PRESENTED BY
AUTOCAD			
24/08/2021, Tuesday	2:00 - 3:00 PM	Getting started with AutoCAD - Introduction, Interface & Basic commands	Ar. Arun
25/08/2021, Wednesday	2:00 - 3:00 PM	Basic Drawing and Editing Commands - Shapes, Coordinate systems	
26/08/2021, Thursday	2:00 - 3:00 PM	Drafting and Presentation - Creating Template, Layout and Printing	
27/08/2021, Friday	2:00 - 3:00 PM	Drafting a simple plan	



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44 39210044 MALLA JAGANNADHA DURGU NAIDU
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47 39210047 MOHAMED SHAKIR. J
48 39210048 MOHAMMED AFREED. M
49 39210049 MONICK VARATHAN. S
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71 39210071 SAI SIBANI



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A SEED Online Workshop on:

Architectural Software

Conducted between: 18th - 31st August, 2021

Devyani

Dr. Devyani Gangopadhyay
Dean & HOD, Dept. of Architecture
Sathyabama Institute of Science & Technology





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DIMENSIONS OF ORIGAMI- ORITECTURE

Academic Year - 2021 - 2022

RESOURCE PERSON: Ar. Jhannupriyaa

Origami is the art of paper folding. Its name derives from Japanese words ori (“folding”) and kami (“paper”). Traditional origami consists of folding a single sheet of square paper (often with a colored side) into a sculpture without cutting, gluing, taping, or even marking it. Although origami can be made with any foldable paper, most artists prefer to use specialized origami paper. These materials tend to be thinner than drawing paper, and feature one colored or patterned side and one blank side. Unlike kirigami—the variation of origami that uses paper cutting—origami only uses folding and creasing techniques. Most projects use a combination of the same basic techniques.

These include:

- Pleat folds,
- valley folds,
- mountain folds,
- reverse folds,
- sink folds,
- squash folds, and
- petal folds.

Although the number of basic folds may be limited, they can be combined in a multitude of ways to construct an unlimited variety of models and designs. As children fold paper, they use their hands to follow a set of steps in sequence, creating a visible result that is once satisfactory and creative. They should perform the steps in a prescribed order with full attention to each detail.

Most people associate origami with skillfully crafted 3-D forms of living or non-living objects that are found in nature or the built environment. More recently, there has been an upsurge of interest for translating origami designs into mathematics, natural sciences, engineering, and architecture. Across these different fields, origami is becoming a fountain of inspiration for new reconfigurable and multifunctional materials and structures.

The workshop focused on how origami can be seen in different perspective.

- ☐ Origami can be learn from Nature
- ☐ Origami can be adapt in different materials.
- ☐ Origami ideas can scale to any size
- ☐ Origami Can be applied in any Fields

The workshop started from lower level to higher level based on the complexity

Levels in Origami

- ☐ Levels 1--Simple origami
- ☐ Levels 2--Tessellation
- ☐ Levels 3--Folding Technique

The students did hands on folding techniques which they converted into Product and spaces with human scale reference.



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POSTER



Dimensions of Origami

ORITECTURE

*How Origami can be learnt
from Nature*

*How Origami can be adapted
using different materials.*

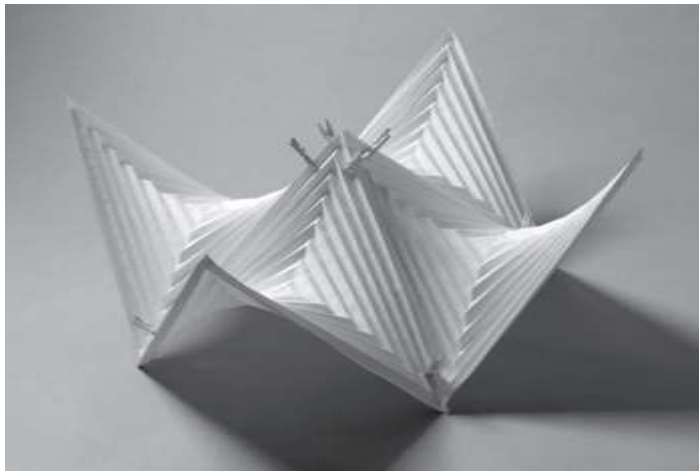
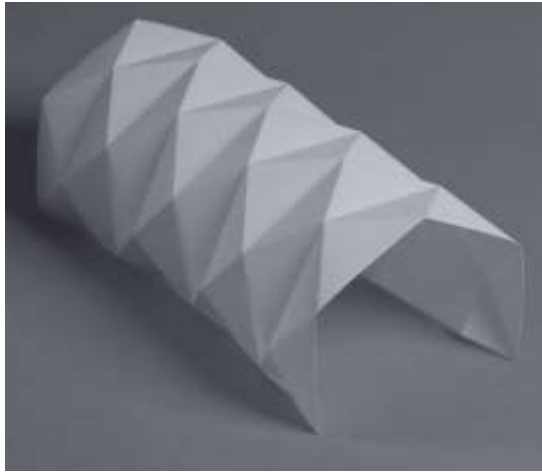
*How Origami ideas can scale
to any size*

*How Origami Can be applied
in any field*

Date: 21:09:2021

Resource Person: Ar. Jhannupriyaa

Types of folding Techniques:





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WORKSHOP CERTIFICATE

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A Workshop on:

Dimensions of Origami: ORITECTURE

Conducted on: 21st September, 2021



Dr. Devyani Gangopadhyay
Dean & HOD, Dept. of Architecture
Sathyabama Institute of Science & Technology





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MANDALA WORKSHOP

Academic Year - 2021 - 2022

RESOURCE PERSON: Ar. Nithyapriya

Mandala is a Sanskrit word that means “circle” representing the universe or completeness. Mandalas generally have one identifiable center point, from which emanates an array of symbols, shapes, and forms. A Mandala is a drawing, usually in the form of a circle or polygon that is often used as a tool for reflection and centering.

Mandala is an art which provides a calm mind and helps you to represent the connection between our inner worlds and outer reality. Creating a Mandala with patterns is an art relief known for its meditative and therapeutic effects. Mandala takes your mind off other things – a chance to relax; de-stress helps in Mind-hand coordination and stimulates creative thought flow. Some doctors insist their patients to make mandalas to express their feelings and for self-discovery.

The topic of the workshop will be along the lines of The Basics of Drawing Mandalas. The teaching outcome is to create your own mandala using other mediums as well. It includes theory - The definition, terminology, techniques, tools, and details. We will be experimenting with different styles. So we will be looking at mandalas from a different perspective.

Some of the various types covered were:

Rangoli/Kolam- Mandalas are made out of sand, and other mediums, such as paint, chalk, stones, collage materials, etc.

Mandalas in Nature- The repetitive patterns found in nature everywhere are the very source of mandala patterns; in flowers, tree rings, the Sun, fruits and more.

Modern Mandala- Often used in commercial endeavors; like cards, calendars, Fabric etc.

Tools used for the workshop: PAPER, PENS, PENCIL, ERASER, COMPASS, PROTRACTOR, RULER, COLOR PENS



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Address: 22 /9A, East Street,
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ParamathiVelurTaluk,
Namakkal Dist, 637208

Organized

Seminars :05

Workshops : 14

FDPs : 1

Guest Lectures : 02

Ar.Nithyapriya S. B.Arch.,M.Arch.

Assistant Professor (Sl.G)

Kongu School of Architecture,
Erode.

Experiences:

- 2 + years' experience in Excel college of Architecture and planning, Komarapalayam, Namakkal, Tamilnadu.
- 5 + years' experience in KonguSchool of Architecture, Perundurai, Erode, since 2017.
- Mandala Artist since 2019
- Conducting many Art Workshop in the name of Kaivarnam.
- Running an Architectural firm in the name of Aalam Architects (Architecture + Residential+ Interior Design)
- Having social handles as Kaivarnam in YouTube ,facebook and Instagram.
- Very passionate towards Mandala Art, Zentangle and Doodle Art.
- We deal with all types of Mandalas like 3D Mandala Art, Colour Mandala, Dot Mandala, Mini Mandalas, Wall Mandala Art and so on.
- Conducted Art Workshop in Women Development Cell at Kongu Engineering College.



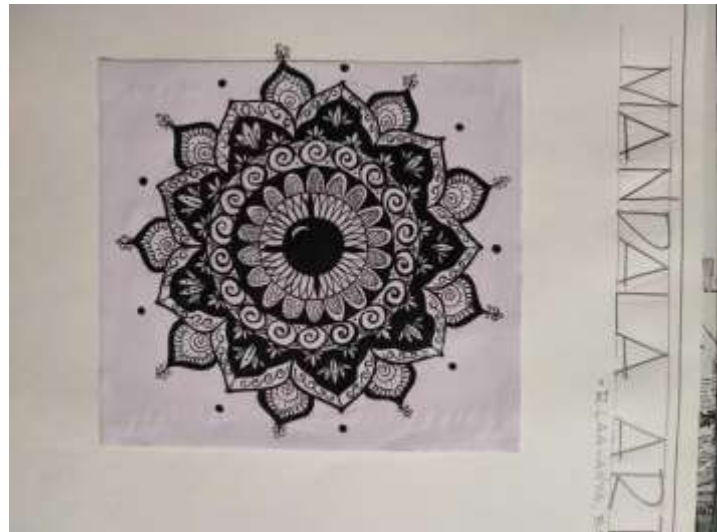
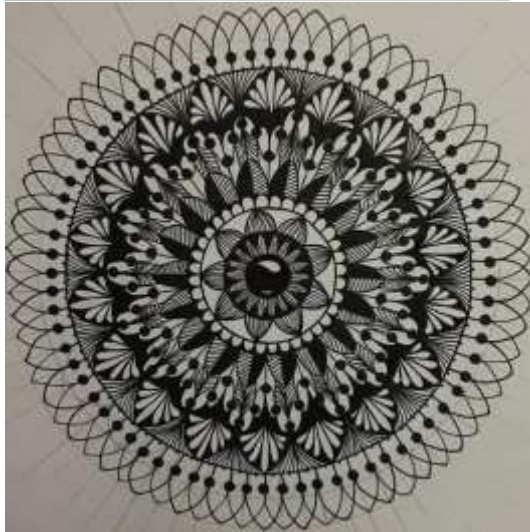
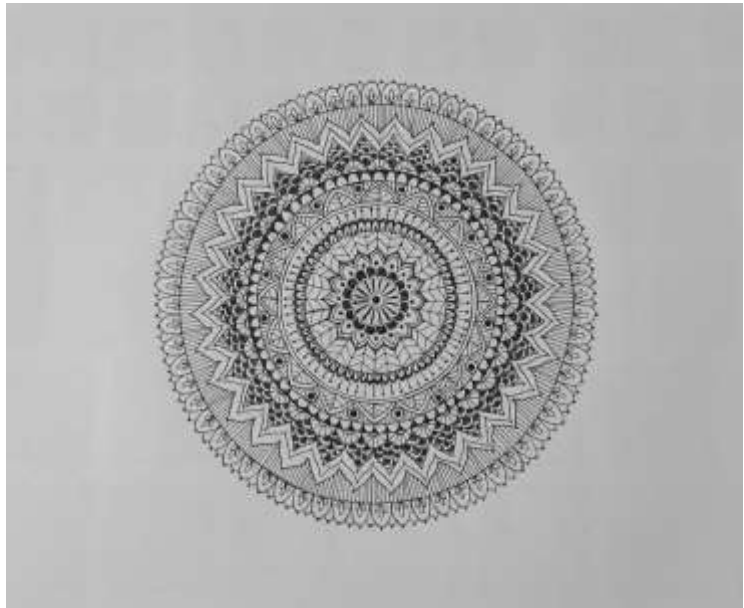
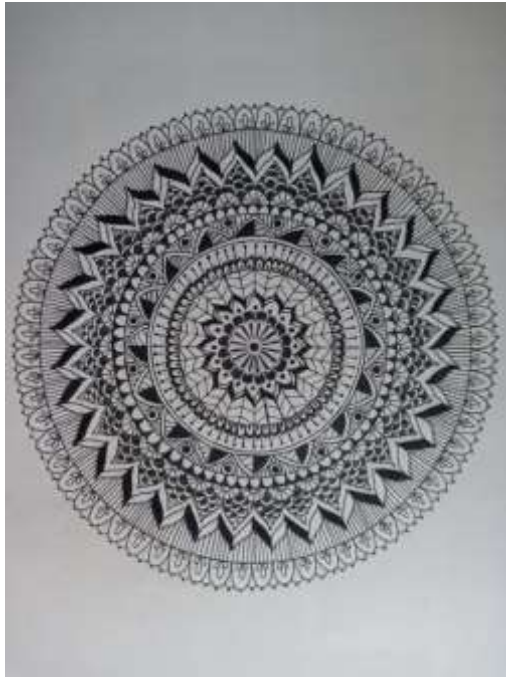
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STUDENT WORKS





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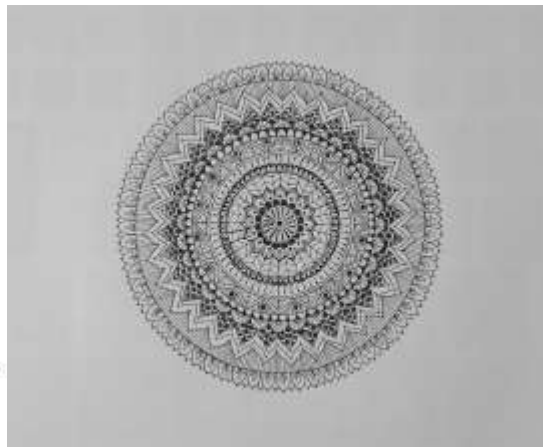
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Mandala Workshop

Date: 07.11.2021

Time: 11.15 a.m. - 01.15 p.m.

Sathyabama University, Chennai.





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A Workshop on:

MANDALA ART

Conducted on: 7th November 2021

Dr. Devyani Gangopadhyay
Dean & HOD, Dept. of Architecture
Sathyabama Institute of Science & Technology



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WORKSHOP ON EMBODIED ENERGY AND CARBON FOOT PRINT

Academic Year - 2021 - 2022

RESOURCE PERSON: Ar. Purnima Verma

A building's carbon footprint refers to all the carbon released into the atmosphere during the design, construction, and operation of the project. Several protocols like the Kyoto protocol stress on reducing greenhouse emissions but there is no regulation or rule that binds the construction industry to follow these. This is where architects around the world need to come together to change the way we design, construct and operate our buildings. This also calls for a thoughtful and sensitive thought process undertaken at every design stage to keep it sustainable.

Understanding the three rings of sustainability might help us to position architecture within the equation.

Embodied energy is the total non-renewable energy that goes into the manufacture of a material and plays a large role in the choice of building materials. It is an important factor to consider when assessing the life cycle of a building and it relates directly to the sustainability of the built environment. To achieve a home that is truly low energy, it is important to consider embodied energy when choosing materials and construction systems. Different types of materials and construction systems will have very different levels of embodied energy.

During the session Ar. Purnima Verma walked us through the process of lifecycle cost analysis of materials. She had also enlightened on the genuine sources to refer for the embodied energy of various construction materials. The information provided can assist the students in the making of informed decisions when considering a sustainable approach to the life cycle of a building. To ignore the importance of embodied energy when doing a Life Cycle Assessment, the building's cost in the end could become very expensive because of the impact of maintenance and differential durability. With a little more planning to consider the life cycle and embodied energy of the materials used at the initial stage of creating a building, it could become far more sustainable.



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POSTER

**SATHYABAMA INSTITUTE OF SCIENCE
AND TECHNOLOGY**
SHOLLINGANALLUR, CHENNAI - 119



WORKSHOP ON CARBON FOOT PRINT & EMBODIED ENERGY



RESOURCE PERSON

AR.PURNIMA VERMA

ASST. PROFESSOR, DIT UNIVERSITY,
DEHRADUN

SPECIALIZATION : ENERGY EFFICIENCY



DATE : 27-11-2021

TIME : 9.00 AM

ZOOM MEETING ID: 827 1720 5181

PASSCODE: 798502



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PARTICIPANT LIST

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1	41890001	AANANYA SHREE MV
2	41890002	ABHINAYA G
3	41890003	ABIRAMI.M
4	41890004	AKSHITHA REDDY.K
5	41890005	BALAJI.R
6	41890006	EUNICE MIRACLYN .H
7	41890007	GAYATHRIDEVI P
8	41890008	GURUPRIYA.T
9	41890010	NAYONIKA CHAKRABORTY
10	41890011	POORNI.R
11	41890012	PRIYANKA.S
12	41890013	REJUL KAMALAKSHAN
13	41890014	ROHIT RAM SUNDAR
14	41890016	SARA MARY JOHN
15	41890017	SELVAKUMAR.C
16	41890018	SHERIN SADE D
17	41890020	SWATHI.G



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CERTIFICATE



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WORKSHOP CERTIFICATE

This is to certify that

has successfully completed

An Online Workshop on:

**CARBON FOOTPRINT
& EMBODIED ENERGY**

Conducted on: 27th November 2021



Dr. Devyani Gangopadhyay
Dean & HOD, Dept. of Architecture
Sathyabama Institute of Science & Technology





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BRICKLAYING WORKSHOP-

Mohamed Sathak College of Architecture

Academic Year - 2021 - 2022

Faculty In-charge:Ar. Ramkumar

Material used – 1000 bricks, 2 bags of cement, half unit of m-sand + basic tools of brick construction

2 Days workshop was conducted for 49 students from 1st year B.Arch and 1st year B.Des, where the students were introduced to various bonding arrangements and other intricate brick construction techniques. Students were divided in to 8 groups (with 5 in each group)

Day 1: - Started with a small lecture, followed by construction of walls – following various brick bonding like – English bond, Flemish bond, Rat-Trap bond, Garden wall bond etc – total of 8 walls were constructed which will be converted in to seating benches (by laying suitable topping later)

Day 2: - First an introduction to arch construction was done, where all the students were shown how to construct an arch, with dry m-sand (no mortar) and without any formwork or template. Later all groups were encouraged to try doing those arches themselves (with m-sand). Later when the students developed confidence in building arches, they were able to construct with brick and cement mortar. Two other groups also constructed spiral columns on either sides of the construction yard.

Over all the workshop was very well taken by students and we felt a great deal of satisfaction in students.

MOHAMED SATHAK A.J.ACADEMY OF ARCHITECTURE

(Approved by Council of Architecture, New Delhi and Affiliated to Anna University, Chennai)



34, Old Mahabalipuram Road, IT Highway, SIPCOT, IT Park, Egattur, Chennai - 603 103.

Prof. H. Mohammed Idris

Principal

Mobile : 9841010060

E-mail : msajaa@gmail.com

Date : October 27, 2021

Dear Ar. Ramkumar,

Greetings from Mohamed Sathak A.J. Academy of Architecture.

I would like to invite you to conduct a Brick workshop for second year students in our Academy on 28th & 29th Oct. 2021 in our Academy.

As discussed, we shall make necessary arrangement in our Construction Yard for the smooth conduct of the Workshop.

Thanking you,

Yours faithfully,

Prof. H. Mohammed Idris

Ph : (044) 27470391 / 92 / 93 / 94

E-mail : msajaa@gmail.com

Fax : (044)27470392





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PROJECT MANAGEMENT AND PRACTICE IN ARCHITECTURAL CONSULTANCY

Academic Year - 2021 - 2022

This event was coordinated by Ar. Ramesh Kumar and Ar.Surya Rajkumar , a practicing Architect, and are Associate Professors in the Institution. Staff along with students from 4th and 5th year from the Architecture department were part of this event which happened for 2 weeks. Students enthusiastically participated and learnt the prospects of Project Management. This initiative under social responsive activities for the students and many of them participated with much enthusiasm. The intention of this event was to know the process of how a project is being handled at a firm level and also learnt about the management skills which gave them an opportunity for peer learning as well. They also got a chance to interact with the senior professors who taught them about the construction process ,billing,negotiation and finally the closure of the project. This in turn gave them the experience to understand the whole process of construction from paper to site.This event was conducted on an online platform-zoom and participants were limited to 31 to have a close group and a better understanding.

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Convenor:

Dr. Devyani Gangopadhyay, M.Arch, Ph.D.
Dean & HOD, Dept. of Architecture

Co-Convenor:

Ar. Ebin Horison, M.Arch
Assoc. Professor, Dept. of Architecture

Workshop Coordinators:

Ar. Ramesh Kumar, M.Arch
Ar. Surya Rajkumar, M.Arch

PJMW | 3RD - 12TH JANUARY, 2022

A 2-Week Online Certificate Workshop on: PROJECT MANAGEMENT AND PRACTICE IN ARCHITECTURAL CONSULTANCY

TIME: 02:00 PM - 04:00 PM

Login Credentials will be Shared to Registered Participants

Registration Link: <https://forms.gle/aHQaowXrLfJHb91a9>

WHO SHOULD PARTICIPATE?

IV & V YEAR STUDENTS OF ARCHITECTURE (Limited to 20 Participants)

PRE-REQUISITE- Basic knowledge of Excel, Autocad

Registration Free | E Certificate will be issued

PRE DESIGN | PRE CONSTRUCTION | CONSTRUCTION | POST CONSTRUCTION

WEEK SCHEDULE:

WEEK 1:

PRE DESIGN

- Identifying and finalizing the client requirement for projects
- Arriving at the project budget to decide and start the project
- Process of conducting architectural competitions
- Selection of Architect & Consultant for the project

PRE CONSTRUCTION

- Design development from concept till detailed design
- Approval drawings preparation and authority approval process
- Contract documents and drawing preparation
- Pre-qualification and bidding process for contract
- Negotiation of contract and the selection of contractors

WEEK 2:

CONSTRUCTION

- How site construction organization works
- Construction management processes
- Working drawing preparation and change management
- Quality assurance
- Billing and change order processes

CLOSE OUT

- Identification of defects in works and rectification process
- Make the constructed building function with the commissioning process
- Training the facility management team
- Preparation of as built drawings
- Closure of Project works

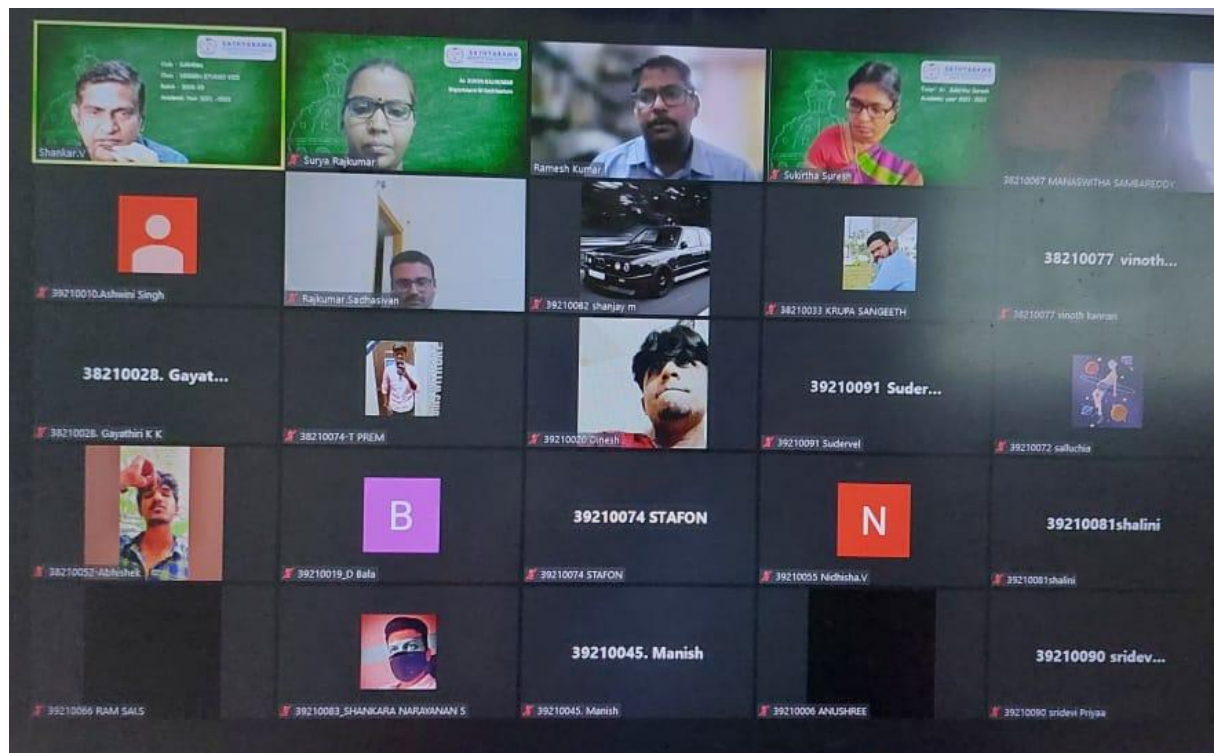
Visit us online:
www.sathyabama.ac.in

For any queries call us at:
+919940068715

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S.No.	Name of the student
1	Divya
2	Pilli Abishek
3	Sambareddy Manaswitha
4	Padmanaban
5	Tatisetti Prem
6	Vinoth Kannan
7	Advika
8	Anushree
9	Aparna
10	Ashok
11	Ashwin
12	Ashwini
13	Atluri Keerthana
14	Dinesh
15	Hariharan
16	Ijin Jose
17	Jayasurya
18	Jefferson
19	Jennifer
20	Karunya
21	Kiruba
22	Malarvizhi
23	Manish
24	Pavin
25	Pranav Vaidya
26	Salluchia
27	Shanjay
28	Shankara Narayanan
29	Shreya
30	Sudervel
31	Vivin Merola



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CANVAS PAINTING WORKSHOP

Academic Year - 2021 - 2022

Canvas painting

Canvas is a durable plain-woven fabric usually made from cotton or hemp yarn. It is used to create crafts and paintings. Many of the world's most iconic paintings were made on canvas. Understand your immediate surroundings from home through visual surveys. Then identify a prominent traditional/ vernacular structure. Now take multiple clicks by your camera with proper light and shadow. Choose the best one to carry forward the workshop. If traditional/ vernacular structure cannot be identified, at least choose a building which has proper light and shadow effect.

Materials required for Workshop

- A3 Canvas board
- Acrylic color
- Round brush and flat brush
- Water in a bowl



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Department of Architecture
School of Building & Environment

Canvas Painting Workshop 2022

January 24th - 27th

Timing @ 9:00am -1:15pm



Koilpitchai Prabhakar.M
ARTIST

ZOOM LOGIN ID

Meeting ID : 886 5593 8899
Passcode : 12345

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(Chancellor)

Ms.MARIA BERNADETE TAMILARASI
(Vice President)

Dr.MARIE JOHNSON
(President)

Mr. ARUL SELVAN.J
(Vice President)

PATRON

Dr.T.Sasipraba
(Vice Chancellor)

CONVENOR

Dr.Devyani Gangopadhyay
(Dean), School of Building and Environment

ORGANIZERS

Ar.Monisha.G | Ar.Selvendiran.G | Ar.Vignaeshwar.C
(Assistant Professors), Department of Architecture

STUDENTS WORKS:



S.No.	Name of the student
1	SARAN V
2	SANGEETHA V
3	ROAHIT KARAN K
4	RITHUVARSHINI J S
5	PRIYA DHARSHINI N
6	M.PREETHI .
7	NELLURI ASHWANTHI
8	NAMITHA
9	MOHAMED UMAR
10	MOHAMED FAYAS F
11	MADHUMITHA VADHANA R
12	ABDUL WADOOD A
13	ANNE
14	YESRIN JULIAS V S
15	LIGESH S
16	ADELA WEINI SUMER .
17	HARISH RAGHAVA V
18	GIRIDHARAN R
19	HARISH RAGHAVENDRA S

20	JAYAPRIYA A
21	JOSHNA SHERIN D
22	JOVITHA MARIYA ROSHINI M
23	KEERTHI YEETI
24	TAMILMARAN R
25	SUDHASHREE R
26	SUBIN SELVA PRABHAKAR S
27	SOWPARNIKA JAYAVELU
28	PRAVALLIKA SOUBANDI
29	SNEHA R
30	SATHYA NARAYAN R
31	ANGELO DAVID
32	ARTHI V .
33	BHAVATHARANI A .
34	DHARSHNIE JEEVARAMAN
35	JUHEE J
36	P.LEKHA SHREE
37	.LAVANYA L
38	KANDIKONDA JYOTHIKA
39	KRUPAKAR V
40	KANISHKA M



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ADAPTIVE REUSE AND RETROFIT

Academic Year - 2021 - 2022

Resource persons:

1. Ar. Nachiappan , Principal Architect at Archivite Architecture, Chennai
2. Ar. Swetha Sundaram , Architect at Mahindra Tech, Chennai

The Workshop will cover the following aspects; Introduction to Adaptive Retrofitting in buildings, Case studies: Project for Retrofit, Brain storming session on project to be explored later, then next day covers the Need for adaptive reuse, Significance of building adaptation - Issues to be explored in building adaption- Economic, social, environmental, and assessment models for adaptive reuse - Case studies of buildings with adaptive reuse. In the end Question answer session will be conducted and brain storming session over the buildings in Chennai which are eligible for adaptive reuse.

Buildings consume high amounts of energy during their life-cycle. New construction requires new building materials and other resources which possess high embodied energy (throughout their extraction, manufacture, transportation, packaging and assembly phases). Additionally, they also cause high environmental damage such as global warming, eutrophication, ocean acidification, ozone layer depletion, carbon emission which in turn harms human health and quality of life. From this standpoint, there are several environmental benefits associated with building retrofitting or adaptive reuse which needs to be explored.

Buildings have a high impact on the environment, the economy and our society. Adaptive reuse has several benefits to mitigate those high impacts. Adaptive reuse projects are, in many ways, different from conventional new construction projects and must be planned and managed differently.

Zoom Meeting | You are viewing swetha sethuraman's screen | View Options

Recording... | Photos - 1.jpg 71% | + Add to | Edit & Create | Share | ...

INTRODUCTION

ADAPTIVE REUSE

Adaptive reuse refers to the process of **reusing an existing building for a purpose other than which it was originally built or designed for**. In this process a building adapts new uses while retaining its historic features



ADVANTAGES OF ADAPTIVE REUSE

- Decreased public and social costs
- Cost savings on building material
- Cost savings on demolition
- Saves time; faster than brand new construction
- Tax advantages
- Availability of Federal, State and local funds
- Conserves energy

RESEARCH QUESTIONS

- 1-Is adaptive reuse sustainable
- 2-Why are historic buildings usually conserved
- 3-What are the relationship and dependency between sustainability and adaptive reuse
- 4-What are the considerations for adaptive reuse

OBJECTIVES

- 1-Study on adaptive reuse
- 2-To study the importance of adaptive reuse in current world scenario
- 3-Study on choice of buildings for adaptive reuse
- 4-Study on sustainability and its factors
- 5-To study the relationship between adaptive reuse and sustainability
- 6-To study the methods of assessing a building

SCOPE

The main scope of this study is to understand in detail the about adaptive reuse and its relationship towards sustainability. This project will serve dual process as it contributes to the prominence of physical space as well as conserving the cultural, economic and environmental aspect

LIMITATIONS

This study focuses on historical heritage of Chennai, Tamil Nadu only. Not a prototype study, specific to context and building

LITERATURE STUDY

ADAPTIVE REUSE

"Adaptive reuse" = "ad" - "to" "aptare" - "fit" "Change of use"

Maximum retention of the original structure and fabric of a building as "well as extending the useful life of the property"

SIGNIFICANCE OF ADAPTIVE REUSE

Anthropogenic activity → Increased sustainable activities
Climate change



TECHNICAL APPROACH

This approach discusses the improvement, **acoustic performance, prevention and timber decay**

- Loadbearing structure
- Frames - timber str
- Floors
- Walls
- Roofs
- Underpinning
- Heavy-lifting
- Building envelope
- Internal surfaces
- Introduction of new Façade
- Accessibility and circulation
- Comfort, Safety and Fire-resistance
- Thermal performance
- Acoustic performance
- Preventing moisture

STRATEGICAL APPROACH

The strategic approach concentrates on adapting important structures

- Building within
- Building over
- Building around
- Building alongside
- Recycling materials
- Adapting to a new function
- Building in the style of

Unmute | Stop Video | Security | Participants (17) | Chat | Share Screen | Pause/Stop Recording | Breakout Rooms | Reactions | More | End

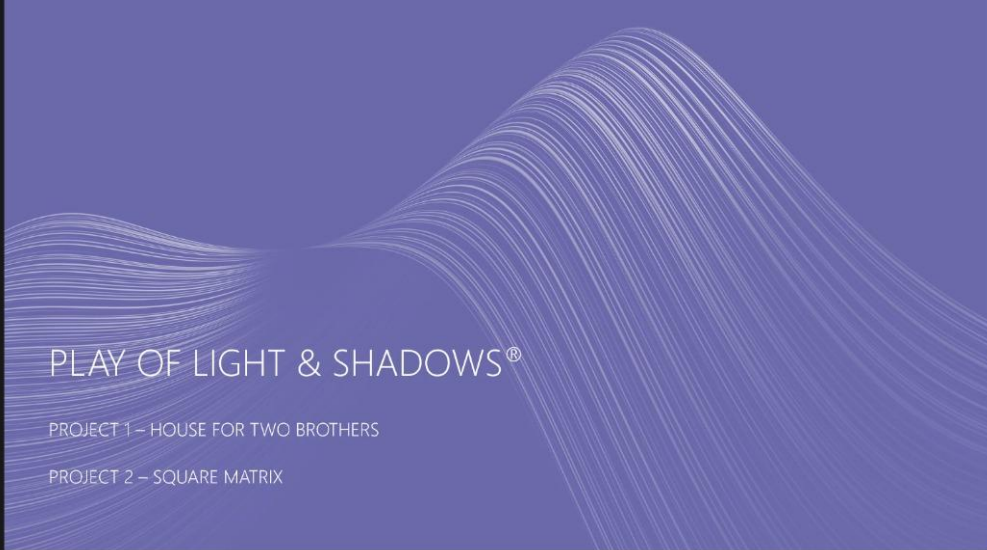
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PLAY OF LIGHT & SHADOWS®

PROJECT 1 – HOUSE FOR TWO BROTHERS

PROJECT 2 – SQUARE MATRIX



40890010, (SA)Mukun... | Sheetal Amraotkar | 40890016, Shilpa | (40890011), Nandhini | Karthikeyan N | Deepika A

S.No.	Name of the student
1	SHIFANA FATHIMA. V
2	SAI SARANYA. A.S
3	SHWETHA. M
4	SWAGATIKA PANDA
5	AMIRTHA. S
6	AMRITHAA.K.R
7	Rudhraa shree S.K
8	JANANI G
9	MUKUNTH. G
10	HARRINE. R
11	THARUNA.V.S
12	OVIYA.K
13	SANTHOSH.RA
14	BANUSRI J
15	KAUSHIKA.P
16	DEEPIKA.A
17	KAVYA MOHANDAS MOHANDAS
18	MANASWINI DEVI.S
19	NANDHINE. J
20	SUGANYA.S



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Three days online workshop on:
Adaptive Reuse and Retrofit

Organized by:
Department of Architecture, Sathyabama Institute Of Science And Technology

CERTIFICATE

This is to certify that

Sai Saranya

has participated and successfully completed the online workshop on
"Adaptive reuse and retrofit" from 01.02.2022 to 03.02.2022
organized by Department of Architecture, SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY, Chennai.

Dr. Devyani Gangopadhyay,
Dean & HOD,
Dept. of Architecture

Ar. Sheetal Amraotkar
Associate Professor,
Dept. of Architecture





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Heritage walk in Triplicane

Resource Person :Kombai S Anwar

Date: 12/03/2022



On 12th march 2022 , kombai S Anwar gave an overview of all the heritage spots in Triplicane. The walk started by 7.00am from marine beach and the walk ended by 1.00 pm at Parthasarathi temple .Students got exposure to different styles like Indo saracenic, ArtDeco, Temple architecture. The architectural influence of Nawab in Indo Saracenic style can be seen in Chepauk Palace and the great arch. The Art deco style is plotted in secular buildings in Triplicane. Temple architecture is well explained by Dr. prasath in detail.

The Triplicane area is among the oldest settled parts of Chennai. Anchored around the 8th century Vaishnavite temple of Parthasarathy, the area grew into a multi-cultural neighbourhood as the British and the Nawab of Arcot settled here. Today the area is home to Brahmin agraharams, monastic orders (mutts), kutcheri (music) venues, small cafes and "messes", Hindu and Jain temples and mosques. The bazaars of Triplicane are equally interesting. They reflect the religious beliefs, food taboos, and cultural preferences of various communities that have made this area their home. As you walk along this area, you will get is a fascinating peep not only into Chennai's past but also its living heritage.

The chronogram inside Triplicane's Walajah Mosque (Big Mosque) was composed by Nawab Muhammad Ali Walajah's munshi Raja Makhan Lal Khirad, a Hindu; the caretaker of St. Thomas shrine in the 13th century was a Muslim; Mughal and Golconda Sultanates' armies comprised a considerable number of Hindus.

Historian Kombai Anwar's Heritage Walk in Triplicane threw light on the deeply entrenched strands of secular and syncretic traditions of the local Muslim communities, which has existed in the region for close to a millennium.

On a Saturday evening, a group of more than 40 heritage enthusiasts had gathered at the courtyard of Triplicane's Big Mosque, where Anwar was expounding briefly on the history of Muslims in Madras and the significance of Ramzan.

"Tamil Nadu had pre-Islamic maritime trade links with West Asia and was at the heart of the spice trade. Arab traders referred to it as ' mabar ' (transit), as they changed ships here, heading to China and vice versa," said the historian.

Anwar pointed out that Mylapore (Meliapor) was mentioned by ninth century Arab geographers. Arab travellers of ninth and tenth referred to the Church of St. Thomas as Betumah.

"Another old reference to the St. Thomas shrine here is by Marco Polo, the Venetian traveler in the 13th century. When he visited the shrine as a pilgrim, he found it's caretaker to be a Muslim. This was at a time when the Crusades that pitted the European Christian armies against the Muslims was drawing to an end, but here, in Tamizhagam (Tamil country), there was amity.

Subsequently, 200 odd years later, Duarte Barbosa, a Portuguese chronicler, refers to this shrine and its Muslim caretaker," he added. Islam came to Tamil Nadu through these ancient trade links.

Towards the end of 17th century, much of south India came under the Mughals, but subsequently after the death of Aurangzeb, when Mughal authority weakened, the governors – the Nawabs of Arcot – emerged as a power centre of their own. Along with the Nawabs came the north Indian communities – including the Muslims and Hindus.

A short walk around Triplicane High Road witnessed the participants checking out the items sold at this time of the year – from ' attar ' (perfume) and prayer caps to hot samosas, vadas and haleems for the faithful to take it to the mosque to break their fast.

Returning to the mosque's courtyard, Anwar delved into the history of Walajah Mosque, which was built in 1794 CE by Nawab Muhammad Ali Walajah. During this period, the north Indian community in Madras increased, with a considerable number of Urdu Muslims making it their home.

The Nawab wanted a good chronogram – verses which gives away the year by adding up the numerical value assigned to the alphabets in the Abjadi system. The Nawab held a competition, which was won by his munshi, a Hindu officer by name Raja Makhan Lal Khirad. This chronogram 'Dhikrullahi Akbar' (Remembrance of God Is great) is inscribed above the Mihrab, a niche in the wall of the mosque, below which the Imaam leads the prayers, even

today. Though the mosque is a religious structure, it showcases the secular and syncretic traditions of Islam in this land,” explained the historian.

Every evening, people break their fast with nombu kanji (rice gruel with vegetables and meat), served by predominantly Hindu volunteers,” revealed Anwar.

At the muezzin’s instruction, people rushed to break their fast. It was clear, at that heartening moment, that Chennai shares a long history with its secular tradition.

Tour Notes: Please dress modestly and ensure you take permission if you are photographing people. Some people do not like it, but some will allow it. Please do not attempt to pay or tip people for allowing photography









Students list

NAME

- 1 Abil
- 2 Allan Martin
- 3 Shivya Rajkumar
- 4 Rithika V
- 5 Abhirami.m
- 6 Anagha Treesa Francis
- 7 MONIKA. I
- 8 Sharmila
- 9 Archana. m
- 10 Christy Alex
- 11 R.ROHINI
- 12 GAYATHIRI K K
- 13 D.Pooja Reddy
- 14 KARTHIK MANIANTHRA
- 15 Snegha S
- 16 Anagha
- 17 Bhavick patel
- 18 S lithika
- 19 Ajit
- 20 Lakshmi laavanya
- 21 Kaushik ram.g
- 22 N.Lekha Sree
- 23 Divya. R
- 24 Christilda
- 25 Abhinaya R
- 26 Abinesh
- 27 Kiruthika elancheran
- 28 S. ARUNA
- 29 Aswin Suriya.K
- 30 Eric Alan
- 31 Sivaraman
- 32 Prem



**1st International Conference on
Design Innovation and Management for Sustainable Environment
ICDIMSE
15th -16th March 2022**

POST-CONFERENCE REPORT

About the Conference

- 1st International Conference on Design innovations and Management for Sustainable Environment (ICDIMSE-2022) was held during 15th and 16th of March 2022.
- This International Conference was a collaboration between Sathyabama Institute of Science and Technology (SIST), India and Eastern Mediterranean University (EMU), North Cyprus
- The Conference was dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of two days. It provided an exceptional value for Students, Research Scholars, Architects, Engineers and Academicians around the world to have a constructive dialog and share ideas about the technological innovations in fields of Sustainable Architecture & Building Management
- More detail about ICDIMSE-2022 can be obtained from the conference website - <http://icdimse2022.com/index.html>

Conference Brief

Today with the challenges faced in the current times, it has become extremely important to stay abreast of the changing landscapes of our built environment and opportunities presented for innovation in Sustainable Design of Built Environment and sustainable construction technologies.

International conference on Design innovations and Management for Sustainable Environment (ICDIMSE) has a multidisciplinary focus with the aim to bring together presenters and attendees from different fields with expertise in various areas of Architecture, Urban Planning, Landscape Architecture and Structural and Construction Engineering, providing an excellent opportunity to participate in the international exchange of ideas, innovative strategies, solutions, best practices and collaborations, offering a broader perspective and more enriching experience.

Venue

ICDIMSE-2022 was hosted online, using ZOOM platform

Number of Attendees

70 attendees registered for the conference

Conference Themes

This conference sessions were designed around 8 core themes based on the strengths of both the departments of SIST and EMU, with a particular focus on the following broad spectrum of topics under each of the themes:

1. Design Innovations

Innovative design methodologies, Innovative approaches in material/product design, production and installation, innovative solutions in building, construction and operation systems, innovative approaches in product-user- relationship in design.



2. Building Design and Performance Evaluation

Energy efficiency, thermal comfort, thermal performance; indoor air quality, health and wellness, day-lighting issues in building design, performance evaluation of building envelopes; simulations and validation for various building design components; occupant satisfaction; building design and regulations; performance gap; post occupancy evaluation; building integrated photovoltaic systems , green technologies in building design

3. Smart Materials and Artificial Intelligence

Smart materials and structures in construction technology, Smart materials which respond to environmental stimuli, Self-healing repair mechanisms, Futuristic materials, Shape shifting materials, Shape memory alloys, Smart composites, relationship between Materials Science and construction technology, Artificial Intelligence, Virtual reality, Augmented reality, Machine learning, Sensors

4. Sustainability in Architectural Design

Environmental impact assessment in buildings; energy and ecological conservation in the design of the built environment; ecological footprint of buildings, Heating, ventilation and cooling system efficiency; passive solar building design; reused, recycled materials in building design; sustainability standards in building codes

5. Sustainable Design and Construction Processes

Energy Footprint; Valuation Methods & Techniques; Lifecycle Analysis; Carbon Trading; Energy Auditing; Energy Efficient & Resilient Development; Energy & Green Rating; Energy Conservation. Innovative construction practices, optimization of construction processes, performance evaluation, factors to improve PMO / HVAC / MEP efficiency, machineries in building, improve machine efficiency, Geothermal

6. Urban resilience, Safety, Disaster and Risk Mitigation

Resilient and healthy cities; urban resilience planning; Resilient Infrastructure; Challenge of Urban Resilience; Resilience into Practice; Microclimate; Human impact on environment; Transformation of Environment; Water Management in the built environment; Green Infrastructure; Urban Ecology; Urban Heat Island (UHI); Urban biodiversity and ecosystems; Resilience in Ecology; Adaptive Governance for Resilience.

7. Sustainable Urban and Rural Development

Sustainable Urban Dynamics; Economics Sustainability; Socio -cultural sustainability; Community & Land-use & Planning; Environment & Health; Sustainable Landscape Planning; Economic & Housing Variance; Universal design; Environmental Sustainability; Sustainable waste management; Energy efficient sustainable development; Defining, measuring and aligning; liveable; Spatial Planning Response to Urban Risks

8. Environmental Policy and Governance

Environmental political theories; Remote sensing and GIS applications; Regionalism and environmental politics; Multi-disciplinary approaches to environmental planning; Development and Planning; Heritage and Conservation, Environmental Ethics, governance theories, gender and environment.



**1st International Conference on
Design Innovation and Management for Sustainable Environment
ICDIMSE
15th -16th March 2022**

Overview

Over the two days of March 15th and 16th of 2022, the ICDIMSE-2022online conference had brought a multidisciplinary focus with the aim to bring together presenters and attendees from different fields with expertise in various areas of Architecture, Urban Planning, Landscape Architecture and Structural and Construction Engineering, providing an excellent opportunity to participate in the international exchange of ideas, innovative strategies, solutions , best practices and collaborations, offering a broader perspective and more enriching experience.

- Two days of deliberations were planned to stay abreast of the changing landscapes of our built environment and opportunities presented for innovation in Sustainable Design of Built Environment and sustainable construction technologies
- About 140 abstracts were received initially for screening, out of which the selected authors were invited to present their works at the conference and were also encouraged to write full papers.
- 79 authors presented at ICDIMSE-2022 conference and a book of abstracts bearing ISBN Number: XXXXXXXX, containing abstracts of the presented authors, was published just before the closing session on the 16th of March 2022.
- Overall schedule for both days were as follows

OVERALL SCHEDULE				
Meeting ID 8397485 2798	Passcode - 123456	Zoom Meeting Link : https://sathyabama-ac-in.zoom.us/j/83974852798?pwd=RUV		
DAY 1 - Date: 15th March 2022				
INAUGURAL FUNCTION - 12:30 Hrs - 16:15 Hrs (IST) - 9:00 Hrs - 12:45 Hrs (EET)				
12:30-13:30 IST	INAUGURATION			09:00-10:00 EET
14:00-15:00 IST	KEYNOTE ADDRESS BY PROF.Dr. SHALEEN SINGHAL			10:30-11:30 EET
15:15 - 16:15 IST	KEYNOTE ADDRESS BY PROF. Dr. ALI A. ALRAOUF			11.45-12.45 EET
DAY 1- ALL FOUR PARALLEL SESSIONS ARE SCHEDULED BETWEEN - (16:30 HRS - 18:30 HRS IST) / (13:00 HRS - 15:00 HRS EET)				
TIME	SESSION - 1	SESSION - 2	SESSION - 3	SESSION - 4
16:30-18:30 IST 13:00-15:00 EET	THEME 3 - BUILDING DESIGN & PERFORMANCE EVALUATION Session Chair: Dr.Monsingh David Devdas Session In Charge: Ar.Sanghavi, Ar.Seetha Visalakshy	THEME 4 - URBAN RESILIENCE, SAFETY, DISASTER AND RISK MITIGATION Session Chair: Polat Hancı Session In Charge: Ar.Yusuf Chiniwala	THEME 2: SUSTAINABILITY IN ARCHITECTURAL DESIGN Session Chair: Ar.Milon Dutta Session In Charge: Ar.Ramesh Kumar, Ar.Monisha	THEME 2: SUSTAINABILITY IN ARCHITECTURAL DESIGN Session Chair: Prof.Illiona Outram Session In Charge: Ar.Surya Rajkumar
	Contact number: +91 9940598091	Contact number: +91 8678946560	Contact number: +91 9940068715	Contact number: +91 9952939580
DAY 2 - Date: 16th March 2022				
DAY 2 - ALL FOUR PARALLEL SESSIONS ARE SCHEDULED BETWEEN - (13:00 HRS - 16:00 HRS IST) - (10:30 HRS - 13:00 HRS EET)				
TIME	SESSION - 1	SESSION - 2	SESSION - 3	SESSION - 4
13:00-16:00 IST 10:30 - 13:00 EET	THEME 5: DESIGN INNOVATIONS Session Chair: Dr.Swetha Madhusudhan Session In Charge: Ar.Vijendranath, Ar. Selvendiran	THEME 1: SUSTAINABLE URBAN AND RURAL DEVELOPMENT Session Chair: Tokie Session In Charge: Ar.Catherine	THEME 1: SUSTAINABLE URBAN AND RURAL DEVELOPMENT Session Chair: Dr. Abdul Razak Session Incharge: Ar. Sukirtha , Ar. Kavitha	THEME 7: SUSTAINABLE DESIGN AND CONSTRUCTION PROCESS Session Chair: Yonca Hürol Session In charge: Ar. Ramkumar
	Contact number: +91 9500035956	Contact number: +91 9884869091	Contact number: +91 9444830060	Contact number: +91 9840972004
16:15 - 17:15 IST	KEYNOTE ADDRESS : PROF.Dr. ROHINTON EMMANUEL			12:45 - 13:45 EET
17:30 - 18:30 IST	VALEDICTORY FUNCTION			14:00 - 15:00 EET

Conference Format

The conference was hosted virtually, on Zoom platform. The two days of the conference was structured to foster discussion among participants around the 8 core themes. This was



**1st International Conference on
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achieved by hosting comprised 8 sessions, (4 sessions on each of the day) which ran in parallel with approximately 8 to 9 speakers per session. Each speaker was given 15 minutes to present, followed by 5 minutes for questions.

Conference Proceedings

On Day 1 the Inaugural session started on time, with a prayer song, which was followed by inaugural addresses by The Vice Chancellor of SIST and The Rector of EMU. Both of them covered points about how sustainability is being measured in the respective institutions and how SIST tracks and monitors aspects of United Nations' sustainability goals, with in the campus.

Keynote Speakers



Prof. Dr. Shaleen Singhal

Dean (Research and Partnerships),
TERI School of Advanced Studies, New Delhi,
Visiting Fulbright Fellow Yale; Fellow HEA UK
Email: shaleen.singhal@terias.ac.in

Prof. Dr. Rohinton Emmanuel

Director of the BEAM Research Centre
Professor in Sustainable Design and Construction in Glasgow
Caledonia University
Email: Rohinton.Emmanuel@gcu.ac.uk



Prof. Ali A. Alraouf

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Assoc. AIA, Middle East and Gulf Chapter
Professor at HBK University in Qatar Education City
Head of Capacity Building, Training, Research and Development
Unit at Ministry of Municipality & Environment (MME) in Qatar
Leader of Green Urbanism and Planning Group at Qatar Green
Building Council
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Conference Recordings & Publications

The conference was recorded live using recording options on Zoom platform. The recordings of the key note speeches are being cut in to different sessions, and will soon be hosted on ICDIMSE-2022's webpage and other public pages of both the universities.

Also as mentioned earlier, a book of abstracts was also released which will have the abstract papers that were presented during the 2 days period. The same will also be published on the conference webpage, after review and approvals. We have also planned to email the digital copy of the book of abstracts to all the conference participants.

ICDIMSE-2022 tied up with the publisher "IOP Conference Series: Earth and Environmental Science" (which is indexed in Scopus), and agreed that the accepted full-papers will be published, after the conference.

Ali Alraouf

divyaa prabu

Monisha Ganesan

M Jhannupriya

Devyani Gangopadhy...

Madhumitha Karthike

abdul razak mohamed

D2S403_BALAJI SEKAR

Yusuf Chiniwala

Surya Rajkumar

Angela Hartsell -EMU

SHEETAL AMRAOTKAR

D2S307 - Akshay Tiwari

Rohinton EMMANUEL

Kavitha S

V.SHANKAR

Ian Debes

Piyush

S.Deepalakshmi

D2S105 AKHILESH KU...

Narayani AR

Seetha Visalakshi

swetha madhusudanan

Lilly Rose

D2S101_Monisha Ma...

D2S107_SAI SARANYA

Vijendranath

Mehرداد Taheri

D2S306_Shweetha M

D2S302 M MANASA

Jyoti Luthra

Catherine

D2S201 Antony Jenita

D1S202_Shifana fathi...

D2S106_S.Manaswini ...

D2S204_Raju Sethupa...

D1S306_Arshya Scod...

D2S208 Ashirwad Kor...

D2S207 Sindhur Dutta

vignaeshwar c

D2S204 Sanchana

Lalitha Munagala

R Ramkumar

islam alshafie

Ayşe ÖZTÜRK

D2S207 Vijay Aadithya

DILER ALDOSKI

D2S108

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BUILDING DESIGN AND PERFORMANCE EVALUATION
SMART MATERIALS AND ARTIFICIAL INTELLIGENCE
SUSTAINABILITY IN ARCHITECTURAL DESIGN
SUSTAINABLE DESIGN AND CONSTRUCTION PROCESSES
URBAN RESILIENCE, SAFETY, DISASTER AND RISK MITIGATION
SUSTAINABLE URBAN AND RURAL DEVELOPMENT
ENVIRONMENTAL POLICY AND GOVERNANCE

15th - 16th
MARCH
2022

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ASSIST. PROF. DR. OZNEM SAHALI: +903926302244





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Eastern Mediterranean University (EMU) is a prominent academic establishment that has been a source of high flying academic excellence since 1979. With its highly developed infrastructure, prominent academic staff members, 17,500 students from 110 and 1,100 academics from 35 different countries, quality programs in English, student exchange programs, social and cultural activity opportunities, international accreditations, an international teaching context, and a diploma recognised throughout the world, EMU prepares its students for their international careers by educating them in becoming creative and competitive individuals with entrepreneurial skills

EMU is a full member of the International Association of Universities, the European University Association, Community of Mediterranean Universities and the Federation of the Universities of the Islamic World. Giving special importance to international recognition, EMU has received the accreditation of various prominent international accrediting bodies. EMU is only one of five universities in the region to have been awarded the prestigious ABET (Accreditation Board of Engineering and Technology) in the field of engineering.



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DEPARTMENT OF ARCHITECTURE EASTERN MEDITERRANEAN UNIVERSITY

The Faculty of Architecture began its academic activities under the Faculty of Engineering in 1991, and transformed into a Faculty in 1997 with Department of Architecture and Interior Architecture. It contributes to education and research with its reputable departments and research centres, Housing Education Research and Advisory Centre (HERA-C), The Design and Research Centre (TASAR) and Research Centre for Interdisciplinary Studies in Built Environment (ISBE). Today, the faculty also contributes to higher education and research with its 7 graduate programs and Doctoral Program of Architecture. The Faculty has 1213 undergraduate and 169 graduate students from a wide range of countries and a variety of faculty members, 40 full-time academic staff, 26 part-time staff and 43 research assistants. The Faculty has many accreditations, including NAAB SE, MiAK, AQAS and memberships such as EAAE, ENHR and IFI.



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Sathyabama is a prestigious institution which excels in the fields of Engineering, Architecture, Science and Technology for more than three successful decades offering multi-disciplinary academic programs. It is established under Section 3 of the UGC Act, 1956 and is been Accredited with 'A' Grade by the National Accreditation and Assessment Council (NAAC). 4 Star Rating by QS – Quacquarelli Symonds (QS), and QS I-Gauge Diamond rating for overall excellence. The Institution persistently seeks and adopts innovative methods to improve the quality of higher education and is responsive to the changes taking place in the field of education on a global scale. Sathyabama has secured top 6th among the Indian Universities in the recently announced ATAL ranking of Institution for Innovation Achievements, Govt. of India (ARIIA 2020) and is positioned among the top 50 Universities for five consecutive years. Sathyabama has alliances with leading universities and research establishments at the National and International Level. Sathyabama has emerged as a leading Institution and achieved excellence in higher education to international standards owing to its research and academic excellence.



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SCHOOL OF BUILDING & ENVIRONMENT SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY

School of Building and Environment, consistently ranks amongst the best schools in Architecture and Civil Engineering in the city. Having completed twenty-five years of its journey in the field of education and with a humble start with thirteen students in 1993, the school now offers undergraduate programs in Architecture, Civil Engineering, and Design. Department of Architecture is considered one of the foremost institutions of Architecture in Tamil Nadu and is recognized as an institute of Architecture all over the world. It is proud of having educated architects who are now placed in renowned architectural firms in India and abroad. Offering the Undergraduate programme since 1993, the department has been recognized nationally for its academic rigor. In a span of 25 years, the school has been able to provide quality Architectural education.

The Postgraduate programs offered in Architecture are with a specialization in Building Management introduced in the year 2006 and Sustainable Architecture in the year 2014. The Department aims to evolve into an insightful school of architectural thought by imparting holistic education and to develop architects of high personal integrity and values focusing on human, socio-cultural, environmental, scientific and technological, aesthetic and philosophical values. The faculty consists of full-time core and visiting faculty ensuring a higher faculty-student ratio. Contributions of leading practitioners from across the country have been of immense strength to the department. The long-term goal of the Architecture Department is to develop the department into a Centre for Architectural Excellence, focusing on the latest trends in architectural education, practices, and research.



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ENVIRONMENTAL POLICY AND GOVERNANCE

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The first International conference on Design Innovations and Management for Sustainable Environment (ICDIMSE) aims to bring together academicians, scientists, practitioners, researchers and research scholars from a range of different disciplines to exchange ideas and share scientific and practical knowledge on various aspects of Sustainable Design of Built Environment.

The conference correspondingly aims to provide an interdisciplinary platform for researchers, practitioners and educators to present and discuss the most recent innovations, trends, concerns, practical encounters in building and environmental design and raise awareness concerning state-of-the-art strategies adopted in the fields of Sustainable Design of Built Environment.

The conference will include keynote speakers to promote the exchange of knowledge on the given conference themes, ranging from innovations in building design to urban resilience and disaster risk management. The conference aims to contribute to knowledge and practice on Design Innovations and Management for Sustainable Environments.



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IMPORTANT DATES

1st November 2021

16th November 2021

14th January 2022

11th February 2022

11th March 2022

15th & 16th March 2022

ABSTRACT SUBMISSION:

NOTIFICATION OF ACCEPTANCE:

FULL PAPER SUBMISSION:

EARLY BIRD REGISTRATION:

LAST DATE FOR REGISTRATION:

CONFERENCE DATES:

FEES

Early Bird Registration:

Authors (students): 20 Euros

Authors (standard): 40 Euros

Participation only (ACCOMPANY): 20 Euros

India

Authors (students): ₹ 1500

Authors (standard): ₹ 3500

Participation only (ACCOMPANY): ₹ 1500

Accepted full-papers of ICDIMSE-2022 will be published in IOP Conference Series: Earth and Environmental Science which is indexed in Scopus. Additional charges as specified by the publisher is applicable.



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University of Nova Gorica. Italy
Universita Iuav di Venezia, Italy

ILIONA OUTRAM KHALILI

RIBA, Founding & Director Board Member of New Earth UK
School of Architecture, University of Kent, Canterbury, UK



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KEYNOTE SPEAKERS



DR. STEFFEN LEHMANN

Assoc. AIA,
RIBA

E-mail: steffen.lehmann.cities@gmail.com

Dr. Steffen Lehmann, Assoc. AIA, RIBA (born in Stuttgart, Germany) is an internationally recognized educator, scholar, author, designer, scientific researcher, and strategic leader. He is a tenured full Professor of Architecture & Urbanism in the USA, and the former Director of schools of architecture, including the UNLV School of Architecture in Las Vegas and the School of Built Environment in Perth, Australia. Since 2002, he has been a tenured full professor in a range of leadership roles at four research-intensive universities, on three continents: in the U.S., the UK, and Australia. He is Director of the interdisciplinary Urban Futures Lab, and CEO of the Future Cities Leadership Lab (see links below), where he is developing architectural and urban solutions for a rapidly changing profession, transforming society, and a warming climate. He has published 22 books and over 400 papers on the relationship between architecture and climate change; in the 1990s he coined the notion of Green Urbanism. Before joining UNLV, Steffen Lehmann was the chair-holder of the UNESCO Chair for Sustainable Urban Development for the Asia-Pacific Region, and in this function also visited Northern Cyprus.

Steffen became a licensed architect in Berlin in January 1993, when he founded Steffen Lehmann Architekten & Staedtebau GmbH as a collective interdisciplinary practice engaged in research and design.

Education: After completing the German abitur in Stuttgart in 1983 and a Master's degree in Mainz, Germany in 1988, Steffen graduated with the AA Diploma from the Architectural Association School in London (1991, enabled by a DAAD scholarship); and later completed a Ph.D. in Architecture and Urbanism at the Technical University in Berlin (2003). He looks back at 30-years of experience in practice, and a 20-years distinguished career as a full professor. He has recently established si_architecture + urban design in Dubai with the ambitious aim to design and build the world's most sustainable projects.

More information is here: www.si-architecture.com and www.city-leadership.com



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KEYNOTE SPEAKERS



PROF. ALI A. ALRAOUF

Architect & Urban Planner
Egypt, Bahrain & Qatar

Assoc. AIA, Middle East and Gulf Chapter
Professor at HBK University in Qatar
Education City
Head of Capacity Building, Training, Research
and Development Unit at Ministry of
Municipality & Environment (MME) in Qatar
Leader of Green Urbanism and Planning
Group at Qatar Green Building Council

E-mail: alialraouf@gmail.com

Prof. Alraouf, born in Cairo, Egypt is an architect, urban designer and planner who focuses on researches within the domain of theory, criticism and creativity in architecture and urbanism. He was a Visiting Scholar at University of California at Berkeley-USA and various other regional and international universities. He published more than 95 journal refereed papers, critical reviews, essays, in addition to books and book chapters, newspapers, periodicals and architectural magazines locally and internationally. Alraouf's current research interests are: Knowledge-based Urban Development, Post-Carbon Contemporary Gulf Cities, Museums in the Gulf, Urban vitalization of historical districts, Knowledge and Creative cities. He serves in editorial boards of notable journals and has delivered lectures and presentations in over 25 countries. His teaching portfolio includes graduate and undergraduate courses in Architectural History and Theory, Urban Design, Urban Planning, and Design Studios. His research interests and activities are centered on the impact of late capitalism on the architectural and urban transformations of Cairo, Doha, and Dubai. He has been invited to present his research work at international institutions such as University of Oregon, Illinois Institute of Technology, Drury University, Cambridge University, University of Seoul, Malaysia International University, University of Belgrade, and American Universities in Beirut, Sharjah, Kuwait and Cairo. Alraouf is the recipient of many awards including the innovation award in environmental and sustainable planning from Ministry of scientific research in Egypt 2000, Modern Science and Arts University (MSA) Teaching Excellence Award 2004, Best Research Paper in Sharjah International Conference for Urban Planning 2008 and Research Publication Achievement Award from University of Bahrain 2009. Alraouf was selected as member of 2012 Excel campaign at Qatar University and the distinguished speaker of the Arab Future Cities Summit 2016.



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KEYNOTE SPEAKERS



PROF.DR.SHALEEN SINGHAL

Professor and Dean
Research & Partnerships

TERI School of Advanced Studies, New Delhi
Visiting Fulbright Fellow Yale; Fellow HEA UK

Email: shaleen.singhal@terias.ac.in

Prof.Dr.Shaleen Singhal is a Professor and Dean of Research and Partnerships at TERI School of Advanced Studies. He is a Fellow of the Higher Education Academy, United Kingdom and had been a Visiting Fulbright Fellow at the Yale University in 2018. Dr. Singhal has over 24 years of research, consultancy and teaching experience in areas relating to sustainable smart cities, climate change, sustainable consumption, redevelopment, public policy and planning. His PhD from Ulster of University, UK (now Ulster University) received the Global Emerald/EFMD Outstanding Doctoral Research Award in 2009 and the Best Thesis in Built Environment, University of Ulster, Faculty Award 2009. He had worked as lecturer in Sustainability Design at the School of the Built Environment, University of Ulster. He is the founding member of the International Universities Climate Alliance; member of the Global Urban Competitiveness Project Council, US; and board member of the ProSPER.Net alliance in the Asia-Pacific region. Dr Singhal has successfully led several multi-disciplinary research and consultancy assignments focusing on India and other developing countries. He had been the Principal Investigator of the EU-UNEP funded Switch Asia initiative on Sustainable Consumption and Production (SCP); and the Indian Lead Collaborator of the Indian European multi-level climate governance research networking programme. Inter-disciplinary research by him and his PhD scholars examines the challenges and solutions for cities. He had pioneered in structuring first-of-its-kind MTech programme on Urban Development Management in India; and the first masters' course on SCP with emerging economies perspective. Prof. Singhal contributes as an external PhD examiner, doctoral research committee member and guest faculty for research methodology at leading institutions such as IIT Kharagpur, CEPT, SPA, Nirma University, AKTU and Amity University in India.



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KEYNOTE SPEAKERS



PROF.DR. ROHINTON EMMANUEL

Director of the BEAM Research Centre

Professor in Sustainable Design and
Construction in Glasgow Caledonia University

Email: Rohinton.Emmanuel@gcu.ac.uk

Prof.Dr.Rohinton Emmanuel is Professor in Sustainable Design and Construction in Glasgow Caledonia University and has over 20 years of University teaching experience in Sri Lanka, Sweden, USA and UK. As an Architect with urban design interests, Rohinton pioneered the inquiry of urban overheating in tropical cities and has taught and consulted on climate, energy and environment sensitive design, building and urban sustainability and its assessment, urban heat islands and energy efficiency. He pioneered the inquiry of urban heat island studies in warm regions and has taught and consulted on climate and environment sensitive design, building and urban sustainability and its assessment, building energy efficiency, thermal comfort and carbon in the built environment.

Rohinton was the Secretary of the largest group of urban climate researchers, the International Association for Urban Climate (2010-2013) and was a member of the Expert Team on Urban and Building Climatology (ET 4.4) of the World Meteorological Organization (WMO) as well as the CIB Working Group (W108) on "Buildings and Climate Change." He has also worked as a green building consultant (LEED certification) and has authored over 150 research publications, including An Urban Approach to Climate Sensitive Design: Strategies for the Tropics (E&FN Spon Press, 2005), Carbon Management in the Built Environment (Routledge, 2012), Critical Concepts in Built Environment: Sustainable Buildings (Routledge, 2014) and Urban Climate Challenges in the Tropics (Imperial College Press, 2016).

Rohinton leads the Sustainable Urban Environment Research Group (SUE-RG) and is an elected member of and Secretary to the Board of the International Association for Urban Climate (IAUC). He is also a member of a World Meteorological Organization Expert Team on Urban and Building Climatology and the Working Group on 'Climate Change and the Built Environment' (W108) of the International Council for Buildings (CIB). He had designed LEED certified buildings and has consulted widely in the area of energy efficiency and sustainability in the built environment. Current research includes the development of the next generation of building sustainability assessment systems, natural building materials and processes for energy efficiency in existing buildings and urban heat island measurement in Glasgow, funded by UK and EU funding bodies.



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1st International Conference on Design Innovations and Management for Sustainable Environment (ICDIMSE) – Virtual mode [15th – 16th March, 2022]



PRESENTATION SCHEDULE					
DAY 1- Date:15th March 2022					
DAY 1- ALL FOUR PARALLEL SESSIONS ARE SCHEDULED BETWEEN - (16:30 HRS - 18:30 HRS IST) - (13:00 HRS - 15:00 HRS EET)					
Meeting ID 8397485 2798		Passcode - 123456	Zoom Meeting Link : https://sathyabama-ac-in.zoom.us/j/83974852798?pwd=RUVqSDRLMFFGZW9ldmJpTzVKcEpmQT09		
SESSION COORDINATORS: Ar.Shankar. Ar.Deepalakshmi,					
SESSION - 1			SESSION - 2		
REGISTRATION ID	THEME 3 - BUILDING DESIGN & PERFORMANCE EVALUATION Session Chair: Dr.Monsingh David Devdas Session In Charge: Ar.Sanghavi, Ar.Seetha	AUTHORS	THEME 1: SUSTAINABLE URBAN AND RURAL DEVELOPMENT Session Chair: Dr. Tokie Laotan-Brown Session Incharge: Angela Hartsell/Abubakar Dauda, Ar.Catherine	AUTHORS	REGISTRATION ID
D1S101	Identifying External Louver Angle For Residence Opening To Optimize The Indoor Environment For The Composite	Jyoti Luthra, Dr.A.Meenatchi Sundaram	Water Accessibility And Inequalities In The Hill Town Kalimpong (W.B)	Piyush Kumar	D1S202
D1S102	Comparison Analysis Between The Component Of Vernacular And Modern Architecture For Sustainable Housing In	Abubakar Dada Dauda	A Perspective Towards Spacious Living For The Low Income Communities In Chennai – “Micro-Housing, Co-Living And Sustainability”	Shifana Fathima, Sheetal,Sanghavi	D1S203
D1S103	Assessing The Performance Of Façade Integrated Transparent Photovoltaic Panels For Daylight And Energy Generation In	Sindhya Megnath, Amalan Sigmund Kaushik S(NP)	Significance Of Intangible Values Of Urban Heritage: Case Of Nashik City	Vedangi Deshpande	D1S204
D1S104	Development And Optimization Of Kinetic Façade System For Improving Visual Comfort For An Office Building In	Robin Sharma, Amalan Sigmund Kaushik S	Factors Affecting Quality Of Urban Life Based On Subjective And Objective Approaches: A Systematic Literature Review	Mookambika Ba, Jayanthi	D1S205
D1S105	The Impact Of Microclimate On Energy Performance Of Office Buildings Within Urban Contexts Located In A Composite	Priya Patel, Amalan Sigmund Kaushik S	The Spatial Vision Of Place Identity Elements Along Highways: A Procedural Approach	G Ophylia Vinodhini, J Godwin Emmanuel	D1S206
D1S106	Assessing The Thermal Performance Of Upcycled Shipping Container As A Sustainable Building Material In A Warm	Oviya, Sheetal Amraotkar,Shobana Subramanian	Assessing User Satisfaction Of Urban Parks For Sustainable Cities	Sheetal Amraotkar, Devyani Gangopadhyay	D1S207
D1S107	A Study On Thermal And Acoustic Comfort In An Institutional Building	R. Vidhushini, Surya Rajkumar	Assessment Of Biodiversity Richness And Carbon Sequestration Potential In Institutional Campus – A Case Study	Shrimathi, Chandramathy I	D1S208
D1S108	Energy saving potential of screen wall in High rise residential building in hot and	Surya Rajkumar			
SESSION - 3			SESSION - 4		

REGISTRATION ID	THEME 2:SUSTAINABILITY IN ARCHITECTURAL DESIGN Session Chair: Ar.Milon Dutta Session In Charge: Ar.Ramesh Kumar, Ar.Monisha	AUTHORS	THEME 2: SUSTAINABILITY IN ARCHITECTURAL DESIGN Chair: Illiona Outram Session Incharge: Leki Clementina Pronen/Diler Aldoski, Ar.Surya Rajkumar	AUTHORS	REGISTRATION ID
D1S301	Sustainable Eco-Friendly Building Material – An Investigation Towards Compressed Stabilized Earth Blocks And	Asha Sapna A.P, Anbalagan	Visions On Izmir City Konak Centre: An Architectural Studio On Un 2030 Sustainable Development Goals	Yenal Akgün, Ozlem Erdogan Erkarlan	D1S401
D1S302	Study On The Application Of Reuse And Recyclable Materials In Designing Of Commercial Interior Spaces	A Mrinalini, Kumudhavalli Sasidhar, Dr. D. Jayanthi	Urban Agriculture: For The People, By The People	Pornima Buddhivant	D1S402
D1S303	Physical Modelling As A Conceptual Device In Climate Responsive Architecture: Investigating Pedagogy For	Sunalini Esther Devadas, Sheeba	Analysis Of Shift In Aspects Of Cultural Sustainability In Built Environment	Haripriya Tk	DIS403
D1S304	Traditional Building Knowledge Systems - A Path To Sustainability	Athira S B,Amrithapk,Chithra.	Evaluation Of Sound Absorption Coefficient – Acoustic Properties Of Pattamadai Mat	Dr. R Kalaiselvi, Pavithra Raj, Ar. J Infanta Stephy	DIS404
D1S305	Utilization Of Bamboo As An Alternative Construction Material	Uthra Vasudevan, Kirthialamelu, Vaibu	The New Green Regenerative Architecture	A.Charanyadevi, Jeyaradha Jayaram	DIS405
D1S306	Study Of Parameters Affecting The Efficiency Of Tower Cranes, In Indian	Arshya Ruby P, R Ramkumar	The Effects Of Varosha On Culture, Identity And Architecture Of Famagusta City	Hasret Destebanoğlu	DIS406
D1S307	Recording And Conceptualising Cultural Values In Landscape: The Travelling Transect-Based Drawing Approach	J Godwin Emmanuel, G Ophylia Vinodhini	A Literature Based Appraisal Of Key Stakeholders Response To Management Of Construction And Demolition Waste In Cities	Gitanjali Bhatnagar	D1S407
D1S308	Role of façade shades in energy efficiency in commercial buildings	Shatakshi Agnihotri			
DAY 2 - Date: 16th March 2022					
DAY 2 - ALL FOUR PARALLEL SESSIONS ARE SCHEDULED BETWEEN - (13:00 HRS - 16:00 HRS IST) - (10:30 HRS - 13:00 HRS EET)					
Meeting ID 8397485 2798	Passcode - 123456	Zoom Meeting Link : https://sathyabama-ac-in.zoom.us/j/83974852798?pwd=RUVqSDRLMFFGZW9ldmJpTzVKeEpmQT09			
SESSION - 1			SESSION - 2		
REGISTRATION ID	THEME 5:DESIGN INNOVATIONS Session Chair: Dr.Swetha Madhusudhan Session In Charge: Ar.Vijendranath, Ar. Selvendiran	AUTHORS	THEME 4: URBAN RESILIENCE, SAFETY, DISASTER AND RISK MITIGATION Session Chair: Assoc.Prof.Dr. Ayşe Öztürk/Assoc.Prof.Dr. Huriye Gürdalı Session Incharge: Hasan Debeş / Mehrdad Taheri Kahnemoei , Ar.Yusuf Chiniwala	AUTHORS	REGISTRATION ID
D2S101	Quality Management Of Precast Concrete Technology	Monisha Martin, Kavinkumar Shanmugam,R Ramkumar,Sukirtha Suresh	Crime Relation In Urban Settings In Kochi	Antony Jenita G	D2S201
D2S102	Low Vision Users In Product-User Interaction: Examining The Effects Of Visual Perception Patterns On Quality Of	Mahmut Ferit Aydin, Onder Erkarlan	Necessity Over Luxury: The Role Of Green Infrastructure In Building Resilience In The Pandemic World	Islam, Avy Nazar Darband Faqra	D2S202
D2S103	Design For The 94%-Quality Of Living A Right Or A Legacy	Krishna Priya Parthasarathy,Selvendiran, Lalit, Harshil	Impact Of Open Spaces On Outdoor Thermal Comfort In A Residential Neighbourhood In Warm Humid Climate	K C Kalam Arathy, Lilly Rose A	D2S203
D2S104	The Mystical Dimension In Architecture	Sai Teja T N, Selvendiran	Understanding The Relationship Between Urban Heat Island Effect And Urban Vegetation By Reviewing The Three Decades Satellite Images For The Chennai Metropolitan Region. (NP)	Raju Sethupatu Bala, Sanchana.Sathyanarayanan, SindhujaTj	D2S204

D2S105	Pneumatic Waste Collection System A Proposed Innovation For Indian Institute Of Technology Roorkee Campus: India	Akhilesh Kumar, Avlokita	The Impact Of Musi Floods Along The Catchment Areas Of Hyderabad-A Study	Harini V	D2S205
D2S106	Evaluating the Impact of Transition spaces on the Indoor comfort conditions of a Naturally Ventilated Institution Building	Manswini Devi, Ebin, Sheetal	An Evaluation Of Parking Facilities In Selected Shopping Complexes In Minna, Nigeria To Achieve Sustainability	Abubakar Dada Dauda	D2S206
D2S107	Chettinadu house: planning principles	Sai Saranya, Sheetal ,Madhu	Layout And Daylight Optimisation Of A Residential Module Using Syntactic Design Strategies	Vijay Aadithya, Sindhur Dutta,Amalan Sigmund Kaushik S	D2S207
D2S108	Estimation and analysis of daylight factor	Jayaprabha Rani	Impact And Influence Of Spatial Segregation On The Growth Of Urban Fabric. (A Case Of Badnera, Maharashtra, India)	Ashirwad Korde, Devyani Gangopadhyay	D2S208
SESSION - 3			SESSION - 4		
REGISTRATION ID	THEME 1: SUSTAINABLE URBAN AND RURAL DEVELOPMENT Session Chair: Dr. Abdul Razak Session Incharge: Ar. Sukirtha , Ar. Kavitha	AUTHORS	THEME 7: SUSTAINABLE DESIGN AND CONSTRUCTION PROCESS Session Chair: Assoc.Prof.Dr. Eriş Uygur Session Incharge: Mehrdad Taheri Kahnemoei, Ar.Ramkumar	AUTHORS	REGISTRATION ID
D2S301	Application Of Geo Informatics To Classify Landcover From Satellite Imagery Using Ndvi – A Case Of Peri	Narayani Ar, Debanjan Pakrasi	Sustainable Design And Construction Processes-Eco-Friendly Steel Making For A Sustainable Future	Sarada Kapila	D2S401
D2S302	Sustainable Development In Transition Zone In Warangal	M.Manasa, Dr.Arulmalar Ramaraj	Evaluating biophilic design features of Famagusta, Walled City	Ceren Demirtaş	D2S402
D2S303	Development Sectors Induced By Kannur International Airport In A Regional Perspective- Special Focus On Tourism	Deuna Elsin	Case Based: Cost And Energy Efficiency Of Moving Bed Biofilm Reactor – Sewage Treatment Plant	Balaji Sekar, Mookambika Ba	D2S403
D2S304	Inclusive Planning Solutions For Informal Settlements - A Case Of Chennai	Ramya R, Sheebac	A Comparative Analysis Of Rating Systems For Sustainability In Built Environment	Lalitha Munagala, Jothilakshmy	D2S404
D2S305	Rejuvenation Of Traditional Water Harvesting System In The Drought Prone	Nandhini Gopu	Recycling Plastic Waste Into Construction Materials For Sustainability	S Subha Pradha	D2S405
D2S306	Outdoor thermal comfort	Shwetha.M,Ebin Horrison	An Investigation Of Day lighting In The Earth Sheltered Structure In Warm and Humid Climate	Nandhine J	D2S406
D2S307	Simplyfying Water management	Akshay Tiwari	Urban slum regenerationtools-a case of Makoko slums	Elyaks	D2S407
D2S308	Formulating The Conceptual Frame Work To Make The Neighbourhood Resilient A Case In Chennai	A Karthick, Prasannk	THEME 6: SMART MATERIALS & ARTIFICIAL INTELLIGENCE Chair: Assoc.Prof.Dr. Ercan Hoşkara Session In Charge: Diler Aldoski		
			The Influence Of Smart Technologies A Comparative Study On Developing Large To Small Scale Smart Cities And Smart Campuses.	Ahmad Afaneh, Islam	D2S408



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Department of Architecture

World arts day 2022 celebrations



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ORGANIZES A LECTURE + WORKSHOP ON

"Fusion art + design thinking "
and
"Dancing shades of MANDALA"

ON THE OCCASION OF

WORLD ARTS DAY



Ar. Divya Murugesan

Date :08/04/2022 & Time :9:00 am to 1:00pm
Venue : Department of Architecture

Registration Link : https://docs.google.com/forms/d/e/1FAIpQLScTs8zImESLd_fZnvfKq5NMA9jCoQD2r67ddOI87JTbGhTrDQ/viewform?usp=sf_link

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Organized by Dr. Arulmalar Ramaraj
Department of Architecture

Registration Fees : Rs.200/- per student

E-Certificates will be provided

"Art has the power to transform to illuminate, to educate, inspire and motivate"

Activate Win

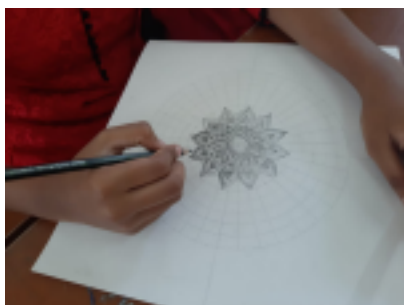
On account of World arts day 2022 celebrations, Ar.Divya Murugesan gave a talk on 'Fusion art + Design thinking' and conducted a workshop on 'Dancing shades of Mandala' on 8th April 2022 at the department of Architecture. Sixty two students from departments like architecture, interior design and fashion design participated. The students got an insight into design thinking needed in art and also unraveled creativity while exploring the shading techniques. Besides, the students enjoyed the interaction with the invited speaker. They got an opportunity to look into the artistic expressions through the eyes of the expert.

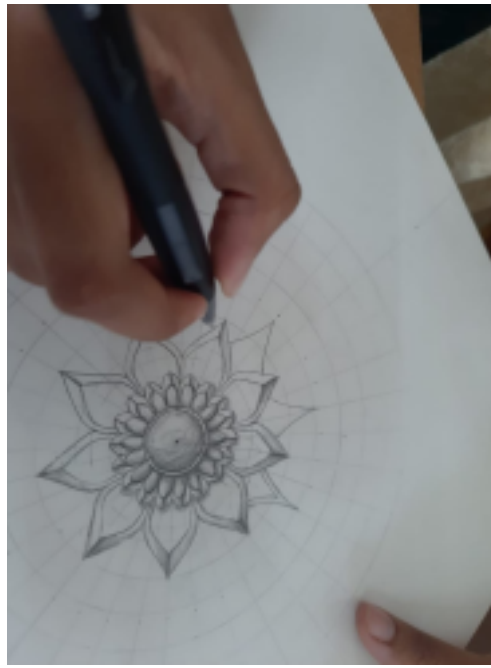
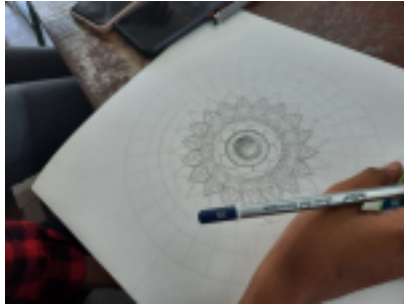
Mandala is a Sanskrit word that means "circle" representing the universe or completeness. Mandalas generally have one identifiable center point, from which emanates an array of symbols, shapes, and forms. A Mandala is a drawing, usually in the form of a circle or polygon that is often used as a tool for reflection and centering. Mandala is an art which provides a calm mind and helps you to represent the connection between our inner worlds and outer reality. Creating a Mandala with patterns is an art relief known for its meditative and therapeutic effects. Mandala takes your mind off other things – a chance to relax; de-stress helps in Mind-hand coordination and stimulates creative thought flow. Some doctors insist their patients make mandalas to express their feelings and for self-discovery.

The topic of the workshop will be along the lines of The Basics of Drawing Mandalas. The teaching outcome is to create your own mandala using other mediums as well. It includes theory - The definition, terminology, techniques, tools, and details. We will be experimenting with different styles. So we will be looking at mandalas from a different perspective.

Some of the various types covered were:

Rangoli/Kolam- Mandalas are made out of sand, and other mediums, such as paint, chalk, stones, collage materials, etc. Mandalas in Nature- The repetitive patterns found in nature everywhere are the very source of mandala patterns; in flowers, tree rings, the Sun, fruits and more. Modern Mandala- Often used in commercial endeavors; like cards, calendars, Fabric etc. Tools used for the workshop: PAPER, PENS, PENCIL, ERASER, COMPASS, PROTRACTOR, RULER, COLOR PENS







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This is to certify that Mr / Ms Lavanya.L

has participated in the workshop titled **"Dancing Shades of MANDALA "** on account of **"WORLD ARTS DAY "** celebrated at Sathyabama Institute of Science and Technology on 8th April 2022.

A handwritten signature in green ink, likely of Dr. T. Sasipraba, is positioned above the name and title.

Dr.T.Sasipraba
Vice Chancellor





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has participated in the workshop titled "**Dancing Shades of MANDALA**" on
account of "**WORLD ARTS DAY**" celebrated at Sathyabama Institute of Science
and Technology on 8th April 2022.

Dr.T.Sasipraba
Vice Chancellor





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has participated in the workshop titled **"Dancing Shades of MANDALA "** on
account of **"WORLD ARTS DAY "** celebrated at Sathyabama Institute of Science
and Technology on 8th April 2022.

A handwritten signature in green ink, likely belonging to Dr. T. Sasipraba, is positioned above the name and title.

Dr.T.Sasipraba
Vice Chancellor



III YEAR B.DES – BATCH **2019-2023**

Overview

Carpentry workshop is guided by Ar.Yusuf Chinniwala, supported by Ar.Ramkumar & Ar.Deepalakshmi, with Woodwork demo of carpentry. During the 3-day event the participants will get introduced to the basic methods and techniques such as woodcarving and wood-turning. You will also be introduced to interesting concepts like tensegrity and joinery. The program will be facilitated by Ar.Yusuf Chinniwala.

You will be learning:

- Basic concepts in carpentry
- Usage of basic carpentry tools
- Utilizing classic set of techniques such as constructing joints, dovetails and simple frames
- How to use waste wood efficiently

Benefits

- Learn the joy of woodwork from an experienced and practicing professional.
- Work and stay in the beautiful.
- Skills learned here can then be used to build further projects at home such as bookcases, cupboards or tables.
- Receive a participation certificate.

On account of the curriculum, the third year students had a demo in the starting of the semester and were exposed to carpentry and wood work tools and machinery. Taking lead from the demonstration they had and after having theoretical knowledge from the subject Fabrication Design a workshop for design and model making was conducted on 11th – 13th April 2022. Students were guided by Ar.Yusuf Chinniwala, supported by Ar.Ramkumar & Ar.Deepalakshmi during their design derivation and process. They came up with a memento design which they were able to sketch, develop, craft, process and finally complete as a physical model. The students thoroughly enjoyed the process in spite of working amidst the dust of wood and noise from the cutting machines and tools.



List of participants

- | | | |
|----|-----------|-------------------------|
| 1 | 19S102501 | Silas Ranjith B |
| 2 | 19S102502 | Durgaa M |
| 3 | 19S102503 | Vishaal L |
| 4 | 19S102504 | Naveen P |
| 5 | 19S102505 | Kereen Antoinette |
| 6 | 19S102506 | Md Abrar |
| 7 | 19S102507 | Kelli Siva Shankar Kavi |
| 8 | 19S102508 | John Moses D |
| 9 | 19S102510 | Swetha Shayamlee B |
| 10 | 19S102511 | Tejaswini A |
| 11 | 19S102509 | Puthin E S |
| 12 | 19S102512 | Vaishnavi T |



III YEAR B.Arch – BATCH **2019-2023**

Overview

A model making workshop is available for the students to prepare models of their design works. Models are the conscious use of skill and creative imagination especially in production of aesthetic objects. It is a Personal creative power endowed to an individual. An amalgamation of skill and imagination yields artistic creativity. The model making workshop aims at providing inspiring guidance, techniques and approaches in various mediums to the students. It facilitates a platform for established as well as creative knowledge, to mark their presence in the field of work. Our experienced and competent team of faculty members help each student to achieve his true potential. Professionalism is inculcated in students by our esteemed faculty.

Model making workshop plays an important role in learning through hands -on experimentation. Students are encouraged to explore different materials like paper, wood, wires , thermocol etc. in model making.

Separate spaces remarked for the workshops in the new building and will be equipped with laser cutters, 3D printers, electric kilns etc. The workshop is staffed with faculty and experts who instruct and guide students in the use of the equipments. Physical models enable both the professional and the layman to visualize the finer aspects of the concept as well as the finished product.

Ideas can be realised using a broad spectrum of materials as mount board, techniques and scales, from traditional model-making to full-sized prototypes. Hand tools and portable power tools may be borrowed for short time periods of time according to availability.

On account of the curriculum, the first year Architecture students had a demo in the starting of the semester and were exposed to model making workshop. Taking lead from the demonstration they had and after having theoretical knowledge from the subject Fabrication Design a workshop for design and model making was conducted on 4th – 5th May 2022. Students were guided by Ar.Yusuf Chinniwala, supported by Ar.Ramkumar & Ar.Deepalakshmi during their design derivation and process. They came up with a memento design which they were able to sketch, develop, craft,

process and finally complete as a physical model. The students thoroughly enjoyed the process in spite of working amidst the dust of wood and noise from the cutting machines and tools.





PARTICIPANTS LIST

S.No	Student Name	Roll no	Register number
1	ABDUL WADOOD A	21S215008	41210001
2	ADELA WEINI SUMER	21S215037	41210002
3	ANGELO DAVID	21S215009	41210003
4	ARTHI V	21S215006	41210004
5	BHAVATHARANI A	21S215028	41210005
6	DHARSHNIE J	21S215020	41210006
7	GIRIDHARAN R	21S211001	41210007
8	HARISH RAGHAVA V	21S215014	41210008
9	HARISH RAGHAVENDRA S	21S215026	41210009
10	JAYAPRIYA A	21S215024	41210010
11	JOSHNA SHERIN D	21S215032	41210011
12	JOVITHA MARIYA ROSHINI M	21S215025	41210012
13	JUHEE J	21S215023	41210013
14	KANDIKONDA JYOTHIKA	21S215034	41210014

15 KANISHKA M	21S215019	41210015
16 KRUPAKAR V	21S215021	41210016
17 LAVANYA L	21S215011	41210017
18 LEKHA SHREE P	21S215030	41210018
19 LIGESH S	21S215016	41210019
20 MADHUMITHA VADHANA R	21S215001	41210020
21 MOHAMED FAYAS F	21S215007	41210021
22 MOHAMED UMAR	21S211002	41210022
23 NAMITHA KANCHARLA	21S215033	41210023
24 NELLURI ASHWANTHI	21S215027	41210024
25 PREETHI M	21S215029	41210025
26 PRIYA DHARSHINI N	21S215038	41210026
27 RITHUVARSHINI J S	21S215013	41210027
28 ROAHIT KARAN K	21S215005	41210028
29 SANGEETHA V	21S215015	41210029
30 SARAN V	21S215004	41210030
31 SATHYA NARAYAN R	21S215002	41210031
32 SNEHA R	21S215010	41210032
33 SOUBANDI PRAVALLIKA	21S215036	41210033
34 SOWPARNIKA J	21S215012	41210034
35 SUBIN SELVA PRABHAKAR S	21S215031	41210035
36 SUDHA SHREE R	21S215003	41210036
37 TAMILMARAN R	21S215018	41210037
38 YEETI KEERTHI	21S215035	41210038
39 YESRIN JULIAS V S	21S215017	41210039

BRICK WORKSHOP
ACADEMIC YEAR MAY 2022

This event was coordinated by Ar. Ram Kumar, Ar. Seetha, Ar. Abigail, Ar. Vigneshwar. 2 Days workshop was conducted for 49 students from 1st year B.Arch and 1st year B.Des, where the students were introduced to various bonding arrangements and other intricate brick construction techniques. Students were divided into eight groups (with 5 in each group). It was conducted on 9th and 10th of May 2022

The first year students of B.Arch and B.Des had hands on workshop in Brick construction for two days (09.05.2022 & 10.05.2022). The students were split into 8 groups to construct various brick bonding used for walls on the day 1. Two group of students were innovating to create a new brick bonding. The students were working on the dry packing of the brick arches and experiencing the load tests on the dry packed arches to understand the stability of arches. The students were occupied to construct various types of brick arches and spiral column during the second half of the second day. Students were guided by Ar. Ramkumar, supported by Ar. Seetha Visalakshi, Ar. Abigail Infant & Ar. Vigneshwar during their hands-on experience with the brick construction.

Two Day Brick Bond Workshop for First Year

A hands-on experiment towards brick bonds technologies.

Held on 9th & 10th May 2022

At Construction Yard School of Architecture, SIST

Proposal:

A hands-on workshop for learning through experience the brick technologies hitherto taught in building construction, for the students. The workshop aimed at development of a defined semi circular arch, Flemish bond, English bond, L- junctions, T- junction and brick jalli, with the use of appropriate technologies.

Objectives: In the end of this teaching, student will be able:-

- To compare between the arrangement of the first layer and second layer .
- To estimate the total of materials that been use in correctly.
- To plan, build a wall and understand the bonding principles.
- To do the testing and checking accurately.

Equipment :

- Brick Laying Trowel
- Brick Bonding Trowel
- Scoop / Shovel
- Spirit Level
- Brick Gauge
- L Elbow
- Bucket

Materials:

- Bricks
- Mortar, sand, water
-

Faculty involvement:

Ar. Ramkumar, Ar. Seetha, Ar. Abigail, Ar. Vigneshwar

Student involvement:

All Students of first year participated.

The Workshop:

The selected group of students was briefed about the workshop by the faculty coordinators: regarding the scope of work, the methodology of execution, and the expected outcome. Safety instruction were given and explained as it was mandatory for the students to wear shoes and caps for the workshop. The students were then taken to the site of work. At the very first outset, a site acclimatization survey was conducted, and the physical limits of the site identified and marked.

Students were divided into groups, as per the following work:

- Splitting of Teams
- Preparation of site according to design
- Introducing participants to power tools and hand tools
- Preparation of construction material
- Preparation of mortar for brick masonry
- Completion of masonry work.
- Documentation going parallel throughout the workshop.

SCHEDULE

Day 1: -

- Started with a small lecture, followed by construction of walls – following various brick bonding like – English bond, Flemish bond, Rat-Trap bond, Garden wall bond etc – total of 8 walls
- were constructed which will be converted in to seating benches (by laying suitable topping later)

Day 2:

- First an introduction to arch construction was done, where all the students were shown how to construct an arch, with dry m-sand (no mortar) and without any formwork or template. Later all
- groups were encouraged to try doing those arches themselves (with m-sand). Later when the students developed confidence in building arches, they were able to construct with brick and cement
- mortar. Two other groups also constructed spiral columns on either side of the construction yard.
- Overall the workshop was very well taken by students and we felt a great deal of satisfaction in
- students.

Conclusion:

As envisaged the workshop proved to be a first hand learning experience for students, who enjoyed it thoroughly full of zest and energy. A well-defined Gateway entrance to amphitheatre was constructed – which



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