

# REVEAL B

www.bmssa.ac.in

## A Semester in Review

**What's Inside...** A closer look at the previous semester-Highlighting our recent achievements, our agendum and what we aspire towards.

### Contents

02...  
EVENTS

03...  
WORKSHOPS

04...  
THESIS WORKS

05...  
HIGHLIGHTS &  
ACTIVITIES

06...  
STUDENT  
WORKS

07...  
ARTICLES  
EXPLORATIONS

08...  
TRAVELOGUES  
EXHIBITIONS  
TALENT SCAN



From the desk of  
the Director  
**Dr. Sapna Papu**

It is truly heartening to witness all round growth through progressive students, their extra ordinary efforts at works, infrastructure development with the completion of the new block and growth and achievements of faculty, considering both qualitative and quantitative aspects, as the successful semester draws to a close. The current issue of the newsletter is an expression of our achievements during the past semester, carries with it the blessings of our Donor Trustee, Management and Chairman.

BMSSA has a fairly well defined teaching methodology. Emphasis is on providing valuable exposure through field studies, hands on activity workshops, study tours to National and International destinations, value added guest lectures, seminars by experts, semester wise periodic reviews by eminent practitioners from the industry and interaction with the Masters such as Jaisim K Rao, Ar.V K Girdhar, Ar. Sharukh Mistry to name a few, apart from inspirational talks from successful alumni of the school with whom our students easily bond.

A thought that concerns me in recent times is relevant to the generation we are amidst, termed as the 'iGen'. Their requests for assignment submissions on whatsapp, leave applications on emails, class updates on social media are a common feature, indicating extreme dependence on smart phones and gadgets. Besides encouraging modernization and technology usage for beneficial activities, the teachers and parents are expected to set appropriate boundaries to keep the students/wards away from harmful habits originating from smart phones/ smart device addiction. Higher attendance and involvement in all activities of the school & importance of healthy mind body through effective interaction with their faculty and friends might be an apt answer to the above.

In this regard, the contribution of our counselor on campus, Asst. Director sports and proctors is invaluable. Urge all students, faculty to utilize facilities and opportunities offered at BMSSA and surge forward to make a mark for themselves and the School.



### BMSSA BoG

The 19th Board of Governors meeting was held on 31st August 2017 at BMSSA. The meeting was chaired by Sri K Jairaj (IAS retd.). The future roadmap and strategies for the institution were discussed. Members from the student body and faculty fraternity attended the BoG, as the institution believes in **transparency** at all levels. Students were able to communicate their concerns and comments directly to the governing body.



Dr. Ragini Narayan suggested communication skills program to be introduced for better employability



Sri Jairaj K suggested to focus on achieving an "A+" at NAAC



### Blood Donation Camp

on 09-11-2017 at BMSSA



74 Units of blood were donated. The donors received certificate of recognition. BMS School of Architecture received Certificate of Appreciation from The Red Cross, Bangalore.

### FDP on Design Research Methodology



Faculty Development Program on Design Research Methodology was conducted from 9th to 13th September 2017 by Dr Amaresh Chakrabarti, co-author of "DRM- a design research methodology", who is a renowned figure in the field of Product Design. Workshop for faculty was conducted by Dr Raviprakash. The participants got an overview of design research methodology and how to apply the same to their respective research projects.



**Dr. Amaresh Chakrabarti**  
Chairman- CPDM,  
IISc Bangalore



**Dr. Raviprakash**  
Dean- Research,  
BMSIT Bangalore

NEW FACULTY



Ar Binny Johnson



Ar Gouri Rathod



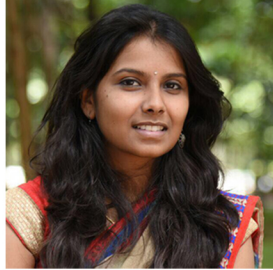
Ar Manasa Metpally



Ar Pramod Bhargav



Ar Poorna Chinnappa B



Ar Sheethal B S



Ar Vijaya Kumari M

Administrative Officer



Col Chandra Banu K C

Indian Army (Retd)

WELCOME TO BMS SA FAMILY

BRIDGE COURSE for I semester ( 8 Aug 2017 - 11 Aug 2017 )

**A Round the Clock** Two movies of about 15-20 minutes each was played and students were guided to write a narration for a non-narrative documentary "BARAKA". **Movie Narration**

**DAY 1**

Students pictorially represented any special or memorable 24 hours of any day of their life.

**DAY 3**

Outdoor Sketching JP PARK

**Sports**

**DAY 2**

An Interactive session on History of Architecture and Building Structures

Exercise on Types of lines Representation of lines

**DAY 4**

Basic Design and Visual Arts Architectural Graphics

Pre Thesis - session

An innovative session by Ar Krishnarao Jaisim, Ar Giridhar V K, Ar Sharukh Mistry for the students of 7th semester regarding Architectural Thesis.

FDP by Arun Swaminathan

BMSSA conducted a day long Faculty Development Programme to introduce **INNOVATIVE TEACHING METHODOLOGIES** among faculty for the I Semester. A brainstorming session to understand what are the pros and cons of teaching I Semester, where each faculty provided their observations and experience of handling the students of the I Semester.

The main theme of the workshop was to explore how exercises in space and time could be made more experiential for the students than mere logical application of ideas.



# BAMBOO CONSTRUCTION COURSE GREEN VILLAGE, BALI



“We had a very good time in the Bamboo Workshop at Green Village .We got to learn about types of bamboo, its growth cycle, its parts, treatment methods for longer life, methods of joinery, etc.We even got to see a few examples of structures made of bamboo. For all the 3 days we mainly worked on 1:1 scale residential design with circular stairs. We got to saw, drill & hammer bamboo while constructing. In the end, we were given certificates made of bamboo. We really thank BMSSA for giving us this opportunity.. ”

- RISHIKA PRAKASH  
V Semester

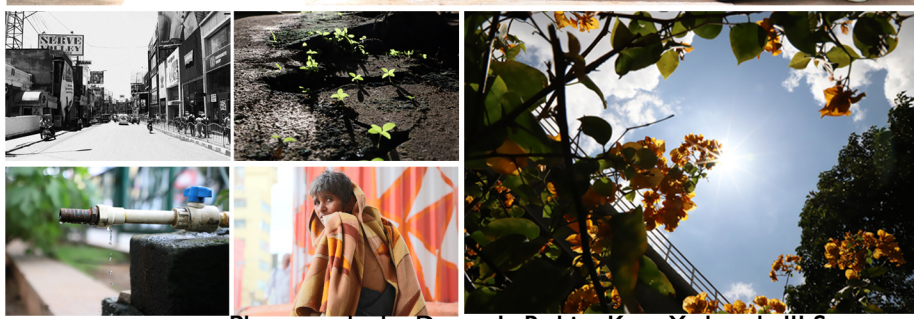
Achsah Johnson  
N Lolitha Lakshmi  
Navya S Karanth  
Nitesh Kumar  
Rishika Prakash  
Sucheth Kumar  
Vishnu G P

Students of V semester attended the **Bamboo construction certification course in Bali** for 3 days from 26th - 29th Aug 2017.

# PHOTOGRAPHY WORKSHOP by Mr. Ghani Zaman Trustee, Photo-n-Man Associates based in Kolkata, India.



The core focus area of the workshop was to understand basics of camera functioning followed by traits of architectural photography. The workshop comprised of a field trip to MG Road area in Bangalore, followed by critical analysis of captured images in the campus. In total, twenty-one students across semesters participated in the workshop.



Photography by Dumpala Rohit , Kune Yatheesh, III Semester

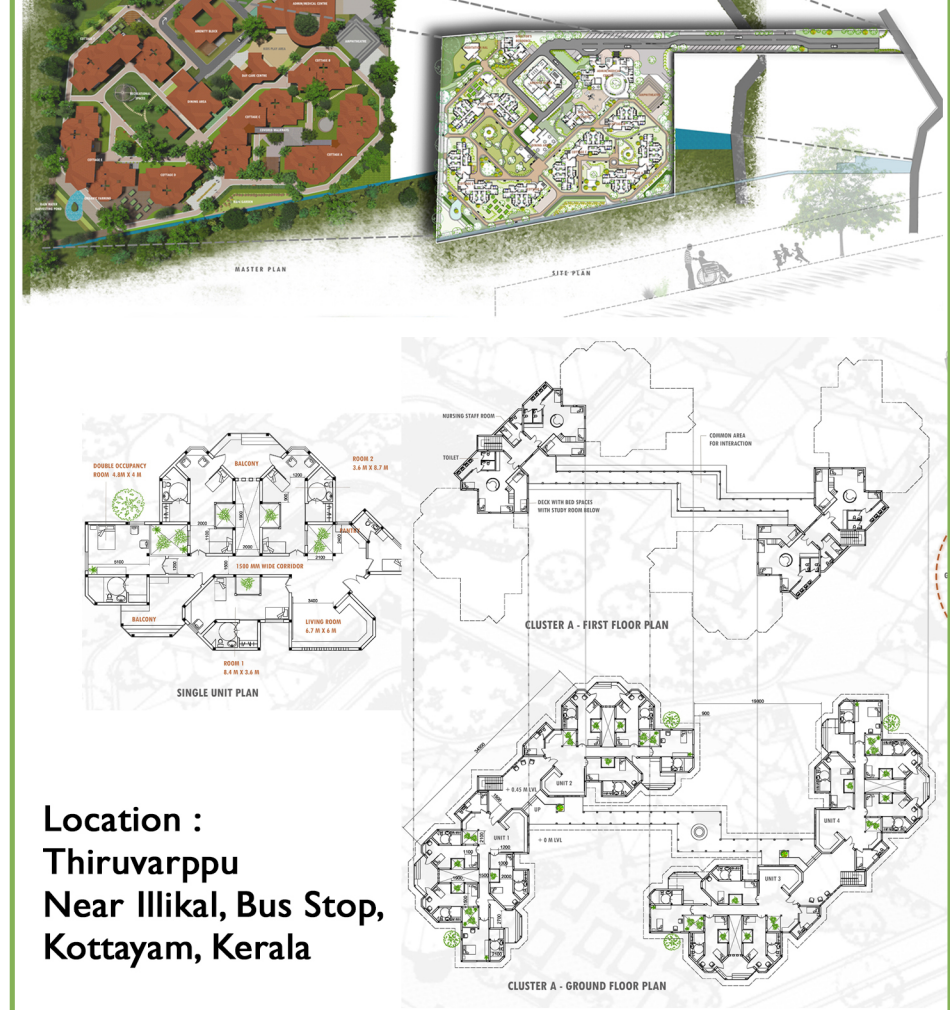
Coming Soon.....  
**BMS SA Block B**



# THESIS 2017

## A community home for the Old and the Young

- NAMITHA MARAIN CHERIAN



Location :  
 Thiruvappu  
 Near Illikal, Bus Stop,  
 Kottayam, Kerala

Site area :  
 11.5 Acres/ 46538.85 SQ M



**VIEWS**

## THESIS MENTORS

Ar Arun Swaminathan  
 Ar K C Nandish  
 Ar Theerthak R  
 Ar Mehul Patel  
 Ar Giridhar V K  
 Ar Mahendra Kumar Patel

### The ECOHUB

- SNEHA B

The concept - to create an urban setup in which the space itself turns out to be an iconic structure. The main intention of this building to create awareness in the society about the growing needs of the population and the drastic depletion of the resources.

MASTER plan

Aerial View of Site

Best Compliments  
**Wheel of Innovations**

## Ar Anjan Kumar M



**“A3F Sustainable Architect of the year Award 2017”**  
a nation wide competition.

A3 Foundation , the foundation entirely involved in the promotion of sustainable art and architecture in the region. Ar. Sangeet Sharma is the founder chairman of the foundation. The award ceremony was held on 18th November 2017 in Chandigarh.

## Ar Sharan Desai



**‘Confluence of Art and Architecture’**, an interactive session with eminent architects, artists and academicians for the students of Architecture. Ar Sharan Desai was one of the Panellist. It was a part of the **2nd Edition of ‘Art with Heart 2.0’** an exhibition of **Photography and Paintings** by a well-known Photographer Mr. C. R. Satyanarayana and emerging Artist Yashas Vishwanath, on 27th, 28th & 29th – Friday, Saturday & Sunday October’ 2017 at Alliance Française at Bangalore.

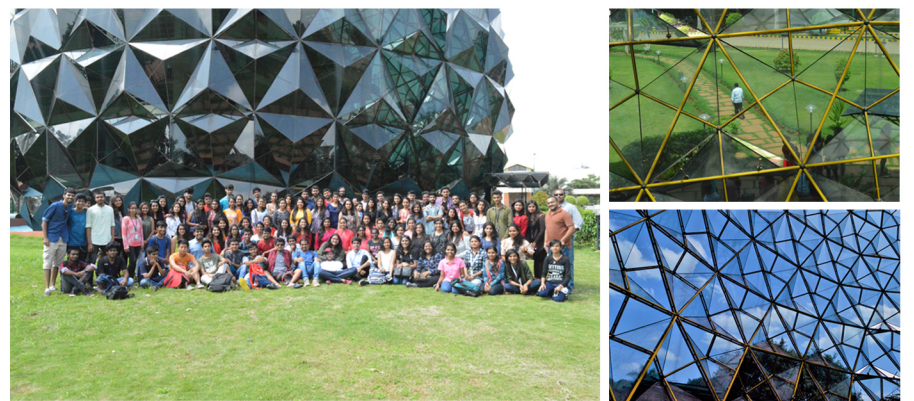


### Deepa S (Assistance Director sports)



Participated and won in Dasara Sports District and Division Level Basket Ball Women at Kantirava Stadium  
( 18.09.2017 -11.09.2017)

## Semester V Site visit - Geodesic Dome



**Students of V Semester** as a part of MMBC -V and Structures -V visited the **SSIT campus, Tumkur** in order to understand the concepts of Geodesic dome under the guidance of **AR Harsha M S** and **Er Pooja S M**.

## “Alternative & Energy Efficient Building Technologies”

21<sup>st</sup> and 22<sup>nd</sup> September by Gramavidya

Workshop for 5th semester students which was organized by **Er. Gayathri S.S**, **Er.Vidya Vijay K P** and **Ar. RenjinCherian**.



The workshop covered various topics such as **Universal Heritage of Earthen Architecture**, Embodied Energy in Building Materials, **Alternatives in Roofings**, Earthquake Resistant Masonry and Passive Solar Architecture. The training programme also had Hand-on activities on Stabilized mud block, Rammed Earth, Stabilized Adobe, Mud Concrete, Masonry Vaults and Domes. **Various types of materials used as admixtures such as Lime, Fly ash, GGBS, Rice Husk Ash, Kaolinite etc. were exhibited.**

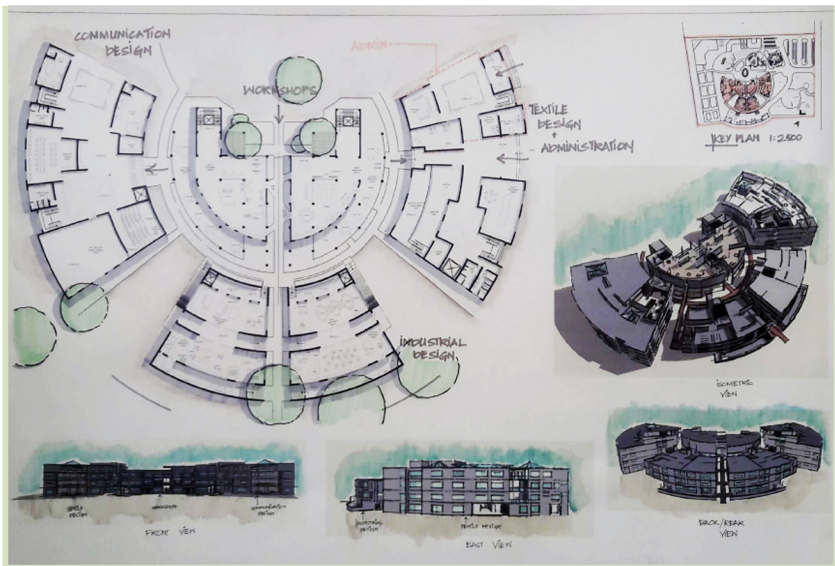
## “ Bangalore Darshan “ for 1st Semester students



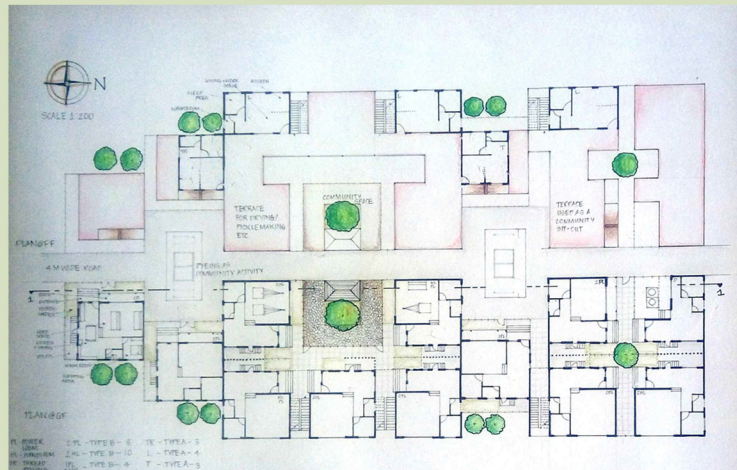
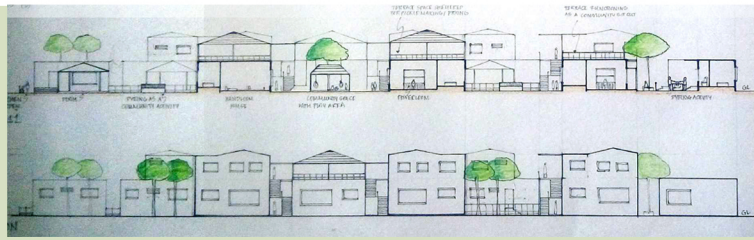
The sketching exercise was initiated and organized by **Ar. Sharan Desai**



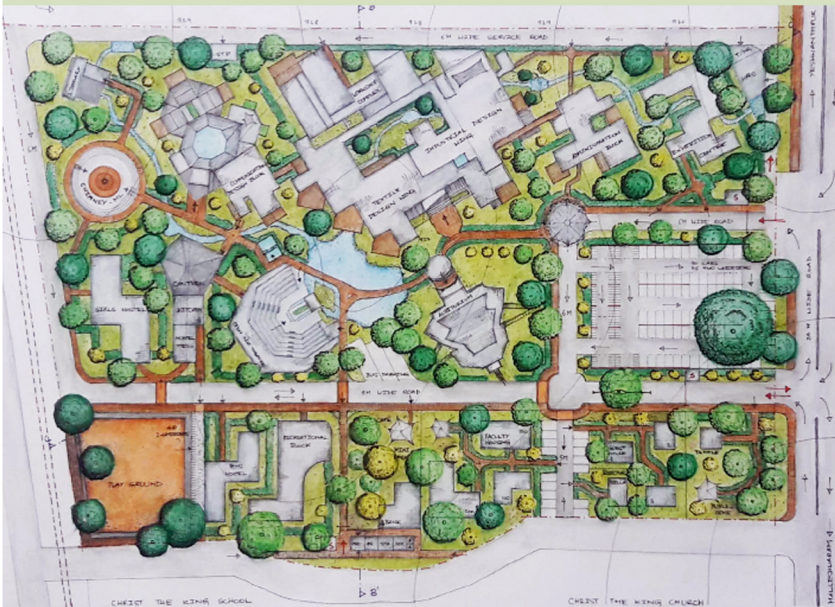
**Students of I Semester** as a part of Architectural Design - I studio visited various historical monuments in Bangalore to understand the scale, typologies, importance of these building. Sketching was part of their assignment.



Top - Design institute by Sanjana Radhakrishnan VI B  
Bottom - Design Institute- by Kevin Dias VI A



Housing design by Akshaya IV Sem



# Student Works



## Earphone Dentangler

A design that helps keep earphones wires from getting entangled and accessed easily

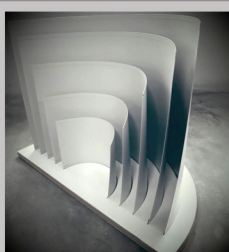
By Mahak Gupta  
Sangay Chopel  
Snighda Roy  
Uddandam Chaitanya



## Raincoat for Bike Riders

A design that can be worn easily (pant portion zipped with waterproof zips) by bike riders

By Krutika S Patil  
M Pranika Prabhaker  
Namitha G



## Sheet Organizer

Simple and efficient design to store sheets of various sizes

By Abhigyan Hazarika  
Arshita Ravindranathan  
Roopa Lakshmi Bhat  
Lalitha S  
Minmini Neha S



## Left handed Scissors

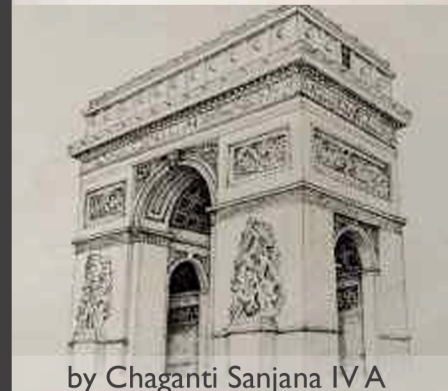
Clever designs to easily convert right handed scissors to left handed ones

By Navya S Karanth  
Nunna Lolittha Lakshmi  
Rishika Prakash  
Rohit M B

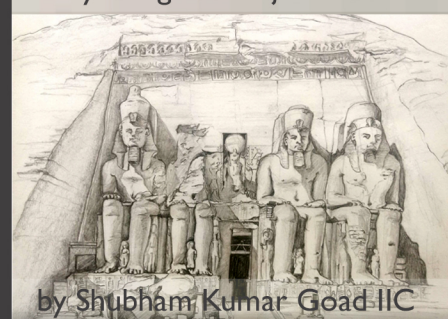
# PRODUCT DESIGN Sem IV



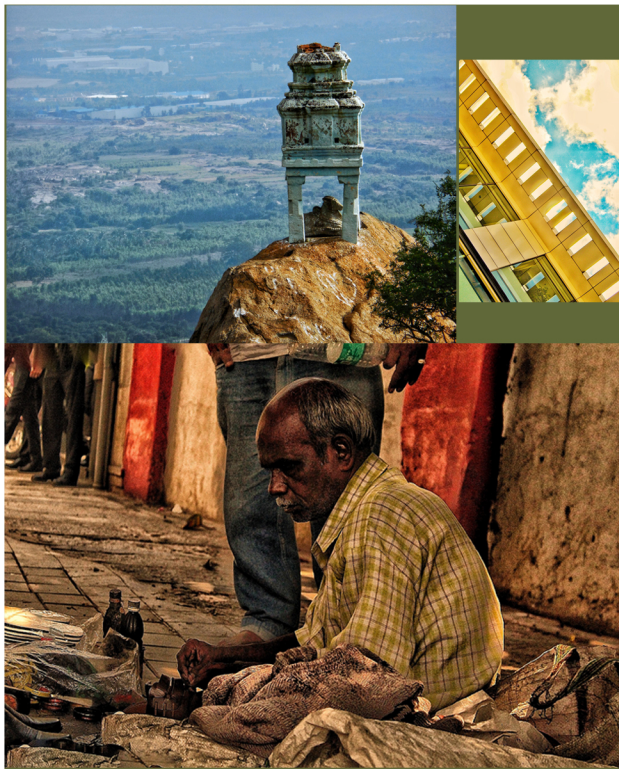
by Chaganti Sanjana IV A



by Chaganti Sanjana IV A



by Shubham Kumar Goad IIC



Photographs by Puneeth of Semester I



## Photography

## Fifty Shades of Black

By  
Prarthana Sathy Sem VII

Dear life

It's been a long time since I wrote to you and I think I should update you about how I've been faring ever since architecture happened to me. I no longer just admire the sun's rays that stream through my window in the morning, rather I admire the beauty of the window grill and the glass that so beautifully sits on the frame and wonder why the window opening is not proportionate to the room area. As I pile lifeless hostel breakfast onto my plate, I place the different elements in such a way that it pertains to appropriate rhythm, balance and symmetry (the breakfast, I know will anyway taste like breaded PVC seasoned with powdered brick and garnished with hopelessness). As I put the food into my mouth I taste glue and cardboard from the previous night's model making. When I board the bus to college, I am armed with my weaponry for that day's battle, with stationery even stuffed into my pockets. Yet I keep feeling like I forgot something. Oh yes! I forgot to sleep the previous night! My day in college consists of handing in submissions that were due 2 weeks ago, producing a medical certificate to make up for those classes I bunked to complete other submissions and getting generous gifts from professors in the form of more submissions. I've seen many of my classmates turn to unhealthy pleasures to fool their minds into thinking that deadlines are attainable, but I turn to caffeine instead and can say there is more caffeine in my body than blood. I have a recurring affair with AutoCAD, while Photoshop is like my dearest friend who needs to return my bike (except that I don't own a bike). While people from other departments get the luxury of spending their money on food, clothes and movies, mine is donated to stationery shops and printing shops. A friend of mine said she is going out of town for the weekend, 'The Weekend' must be some kind of extravagant festival I've never heard of. While Sundays translate to relaxation and time-off for normal people, my ideal formula to get through that fateful day is: 24 hours = 22 hours work + 1 hour sleep + 1 hour eat + any remaining time to breathe. I've begun to flirt with furniture and gawk at granite tiles. Valentines' Day is spent with beautiful models (that I make). Reality has ceased to exist and I look for creative solutions to even tear a sheet of paper in half like using a saw instead of a blade and ending up putting my blood into my work (literally). People who critique my work wonder why the second floor is in the basement of the design, but somehow I manage to convince them that my concept is a sun-bathing potato. If the juror frowns upon my plan, I put a smile on his face by just turning the plan upside down and voila! I have a new design. Sometimes my heart starts to palpitate when my professors draw on my carefully-drafted sheet in the pretext of explaining, or accidentally push my model to the floor (which looks like a barnacle and took 10 hours to make). I merely smile and nod while I debate whether to throw a brick at them or burst into tears. In class, my brain becomes a Bermuda Triangle and what information goes in never comes out. I use words like 'juxtaposition', 'inadvertently', 'mellifluous' and 'luftschloss' to describe things that can just be called 'photosynthesis'. Other than looking like a malnourished zombie and talking languages that I didn't even know I knew, I am doing perfectly fine and I soon hope to realize that there are things besides plans, elevations and sections to a building like the people that live inside it. I have a submission due in less than 2 hours and I am yet to device a concept for it, so I really have to go. Give my love to Entertainment, Food and Sleep and tell them that I'll catch up with them someday soon.

Regards

Your forever-hallucinating architecture friend

P.S: I liked the black dress you were wearing in that recent post on Facebook, but I feel like this shade of black does not suit you at all. You could borrow a black dress off of me, I have about 50 shades of black in my closet for you to choose from.

## Articles

## Explorations

### Drywalls: An alternative to conventional wall construction

Project: Pavan Hospital  
(Architect: Anjan Kumar M Asst Prof, BMSSA)

Rapid growth and urbanization has resulted in increase of construction activities which is labour intensive, time consuming, non eco friendly and un-economical solutions. So there is a need for sustainable solution which eases our construction activities in terms of time, labour, money and less impact to our nature.

In this project "Pavan Hospital" the clients requirement was to complete the interiors of 10000sft of hospital building in just 2 months with a quality of construction. With need for faster and sustainable construction technology we used Light gauge steel construction technology, which is very similar to wood framed construction in principle - the wooden framing members are replaced with thin GI steel sections in association with RL Engg company to execute the overall partition walls of the hospital including bathroom walls and some external walls.

The specifications of the walls were:

1. Steel frames for wall & roof - 5 tons, JSW
2. Exterior cladding: 10mm Fibre Cement Boards
3. Interior cladding: 10mm Fibre Cement board
4. Wall Insulation: Rockwool 90mm with building wrap

Around 7000sft of partition walls were completed within 25days time and in another 40 days we finished interiors like painting, furnishing which matches the theme for the hospital-logo and fittings with good finish. Using this technology helped us to enhance the workability, functionality & adaptability of the conventional brick construction techniques by reducing the construction time, material, cost and manpower. Hence as an architect it's important to suggest and choose right upcoming trends in technology and architecture for clients.



Mr Chandan Kashyap, Assistant Professor and artist at BMSSA is currently exploring various natural pigments Naisargika varna (Natural colors)

"Our ancestors have explored natural sources thoroughly for coloring paintings, which can be seen in Ajanta the epitome mural painting tradition, and in various miniature painting schools like Pahadi and Mysore traditional paintings.

These colors are extracted from earth as well as vegetation including leaves, flowers, fruits, barks and roots. In a painting these colors have a life of their own with its subtlety and aesthetic nature. To extract, prepare and execute the color is a wonderful process that makes one self very curious as a child with wide open eyes, since this is an adventurous process. I am realizing that there are infinite possibilities with these colors and they have strong earthly origins yet I sense a transcendental raise in it."

### Faculty Development Programs attended outside BMSSA

Faculty Members, Ar. Supriya M Y, Ar. Priyami Maheshwari & Er. Pooja S Malpani attended FDP on "Building Structures V" conducted at SJB School of Architecture on 30th June 2017

Faculty Members Ar. Mondira Ganguly, Ar. Sreerupa Deb, Ar. Supriya M Y & Er. Pooja S Malpani attended FDP conducted by "Glass Academy Foundation" in association with Ramaiah Institute of Technology, Bengaluru from 5th to 8th July, 2017

Ar. Debadutta Parida attended QIP Course on "Architecture and Planning Pedagogy in the Digital Age" organized by QIP Cell, Indian Institute of Technology, Roorkee funded by AICTE from 17th July, 2017 to 21st July, 2017.

Faculty members Er. Gayathri S S & Er. Vidya Vijay KP were sponsored by BMSSA to attend the workshop on Stabilized Mud Block Construction conducted by Mrinmayee -Gramavidya on 29th July 2017 under Faculty Development Programme.

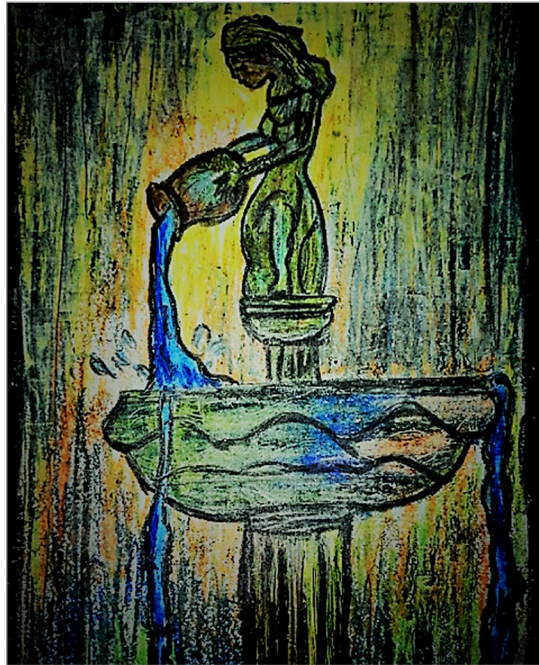




# TRAVELOUGES



The students visited **Austria, Germany and Italy** from 16th August to 27th August 2017. Guided tours of contemporary architecture with local architects at Rome and Milan gave the students the opportunity to interact with local experts. Buildings visited included the Maxxi Museum by Zaha Hadid, City Life Project by Zaha Hadid, Leibskind et al, Allianz Arena at Munich among others. Guided tours of historic locations such as the Vatican Rome, Leaning Tower of Pisa, Venice, Florence helped them observe how history and culture influenced the architecture and landscape of the city. Scenic drive via Switzerland and Austria revealed the beautiful European countryside.



L-R T-B

Crayon Art by Sindhu Keshav Sem V

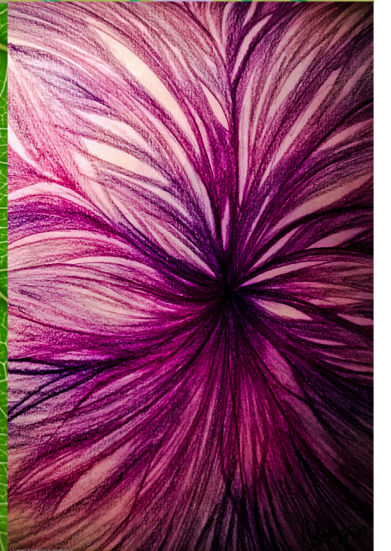
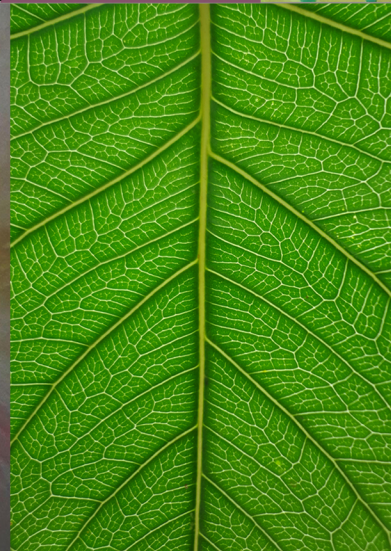
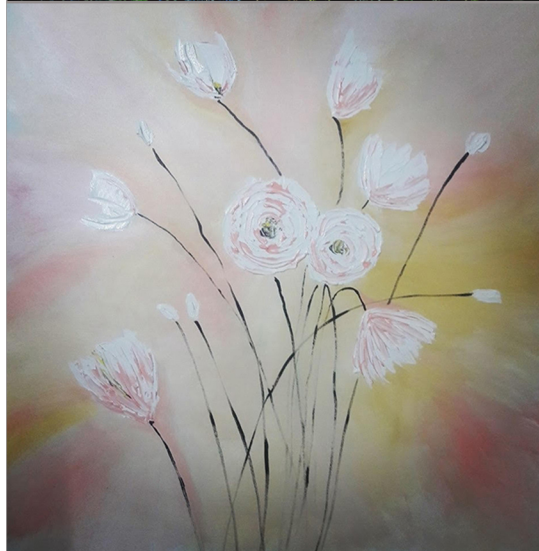
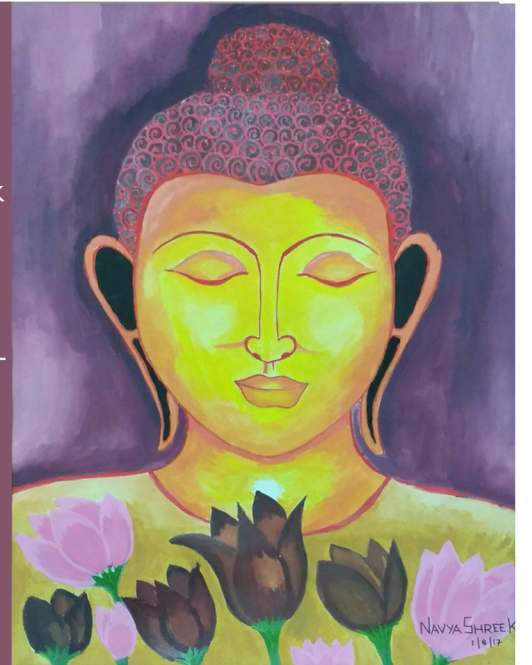
Painting by Navyashree K Sem V

Painting by Shivani Prabhudev Sem III

Photograph by Disha Hanchate Sem I

Art by Surya Sem I

Art by Surya Sem I



# TALENT SCAN

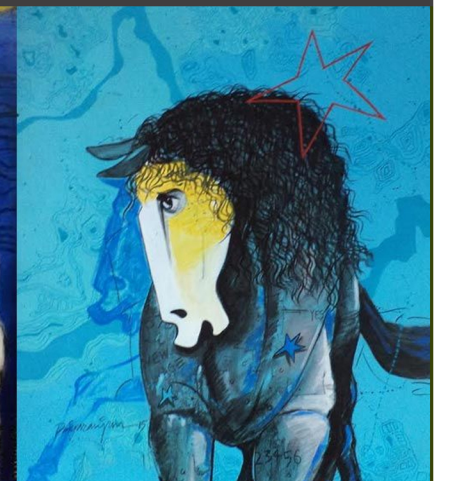


**Khyati** of V sem recently conducted an exhibition of her photography at Raichur, during 5th and 6th August 2017. The collection consisted of nature, abstract and wildlife photography. She was runner up in a contest held on Instagram. Four of her photographs have been selected for an exhibition at Venkatappa art gallery, Cubbon Park, Bangalore by Nikon India and Aorto foundation held on 22nd, 23rd and 24th of September 2017

# ART & PHOTOGRAPHY EXHIBITIONS

The photography exhibition was held from September 8th to 10th at Pepper and Pekoe cafe in Koramangala. **Ar. Debdutta** was one of the contributors along with two Japanese photographers and two other Indian photographers. His work comprised mainly expressive portraits captured over the last few years in streets throughout India

**“Game of Colours”** an exhibition conducted at Triveni Art Gallery, New Delhi during August 2017, featured 14 paintings of Artist **Priyaranjan Behera**. His themes are inspired by society and mythology. He expresses his emotions and ideas predominantly through horses



## Write to us

BMS School of Architecture  
Avalahalli, Yelahanka, Bangalore 560024

## The Team

Faculty Co-ordinators  
Ar Supritha MY  
Ar Minu Pradeep

Student Co-ordinators  
Anagha Ajay IIIA  
K S Roopali IIIB

## Mail us at

editorial.bmssa@gmail.com