

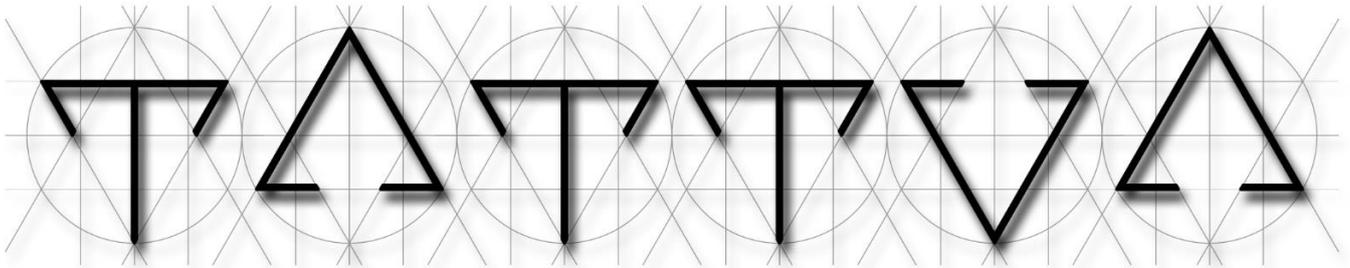
**BGS SCHOOL OF ARCHITECTURE & PLANNING**



|| JAI SHRI GURUDEV ||  
SRI ADICHUNCHANAGIRI TRUST ®



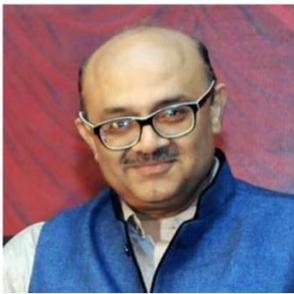
**BGS SCHOOL OF ARCHITECTURE AND PLANNING**  
BGS KNOWLEDGE CITY, KUMBALGODU, BENGALURU-74



**NEWSLETTER - 5TH EDITION**  
**SEPTEMBER - NOVEMBER - 2021**



**Sri Sri Dr. Prakashnath Swamiji**  
**Managing Director,**  
**BGS & SJB Group of Institutions & Hospitals**



**Prof. Ar. Nitin Saolapurkar**  
**PRINCIPAL, BGSSAP**



**Prof. Ar. Chendira T Manjunath**  
**H.O.D, BGSSAP**

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## Embracing the new normal

Unfolding took profile when devor became a requisite, when all we had to do to help, was to stay dwelled. Anonymous episodes led to numerous visual weightages of living. A long-term filler, left us with hundreds of experiences. From losing the loved ones to knowing what a serious disaster could mean, we finally beheld into the new chapter of the world. Although, we have no power to regress time, the circumstances have gone far beyond, in time. The development of the country, has its graph resented over a period three decades. The spread of the novel coronavirus, varied the lives of the citizens in mindful ways, in a situation unexplored to each one of us.

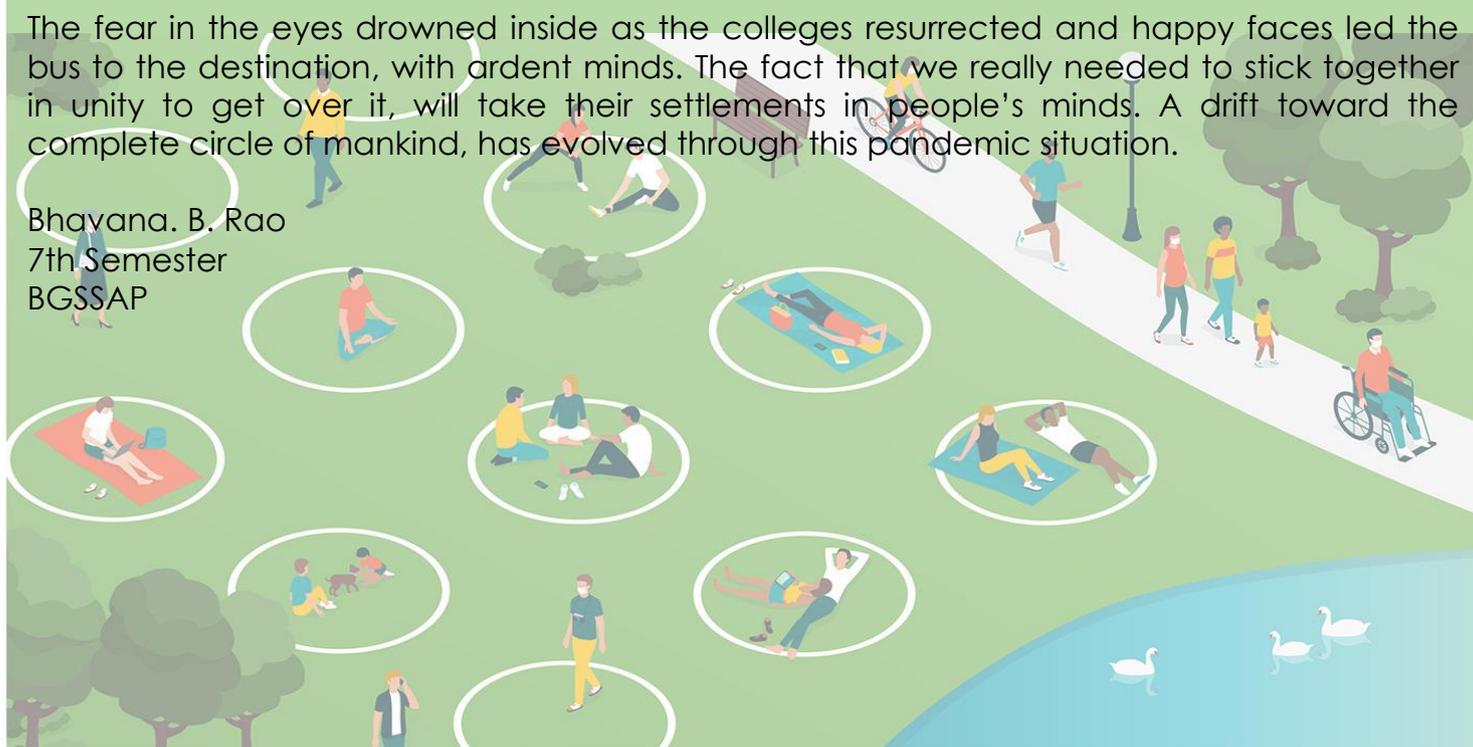
Thoughtful processes to recover the death rate, the economy rate and most importantly, the safety of an individual is the only thriving agenda, which can compile us, in the future days. Feared souls appear as a matter of presence, with masks covering their face. Social distancing has become the trend of the decade, competing in the social networking.

Unemployment again has turned its back on laborer's and has in turn affected the lifestyles of their families. This situation was a new way of replication of how we need to live.

Despite the cons, we can surely look into the pros of this situation, which taught us the importance of having a hygienic lifestyle. Being aware of the importance of food and the value of the people around us, is indeed a lesson, well taught. This long-term quarantine might have helped those introverts to express their joy to their families and the workaholics to finally have a wink of sleep. An eager dispute the political minds keep having, to fight times like these, is in limelight.

The fear in the eyes drowned inside as the colleges resurrected and happy faces led the bus to the destination, with ardent minds. The fact that we really needed to stick together in unity to get over it, will take their settlements in people's minds. A drift toward the complete circle of mankind, has evolved through this pandemic situation.

Bhavana. B. Rao  
7th Semester  
BGSSAP



## Student council members announced!

Here is the list of new council members

### HEAD COUNCIL

PRAVEENA. K (PRESIDENT), SURABHI. P (VICE PRESIDENT), BHAVANA. B. R (TREASURER), ANUSHA. V. B (DEPUTY TREASURER)

### CULTURAL FORUM

PRAHARSHA. S (CULTURAL PRESIDENT), JAYDEEP. R (CULTURAL VICE PRESIDENT), DIVIJA. R. U. GOWDA (CULTURAL COORDINATOR), KARUNA KATTIMANI (CULTURAL COORDINATOR), ANANYA. S (CULTURAL COORDINATOR), ANISH. V (CULTURAL COORDINATOR)

### SPORTS FORUM

ABHAY SURYA (SPORTS PRESIDENT), RAHUL. R (SPORTS VICE PRESIDENT), ANJAN (SPORTS COORDINATOR)

### NASA FORUM

GEETESH (USEC), JAINAM JAIN (UD), AISHWARYA (ADVISOR)

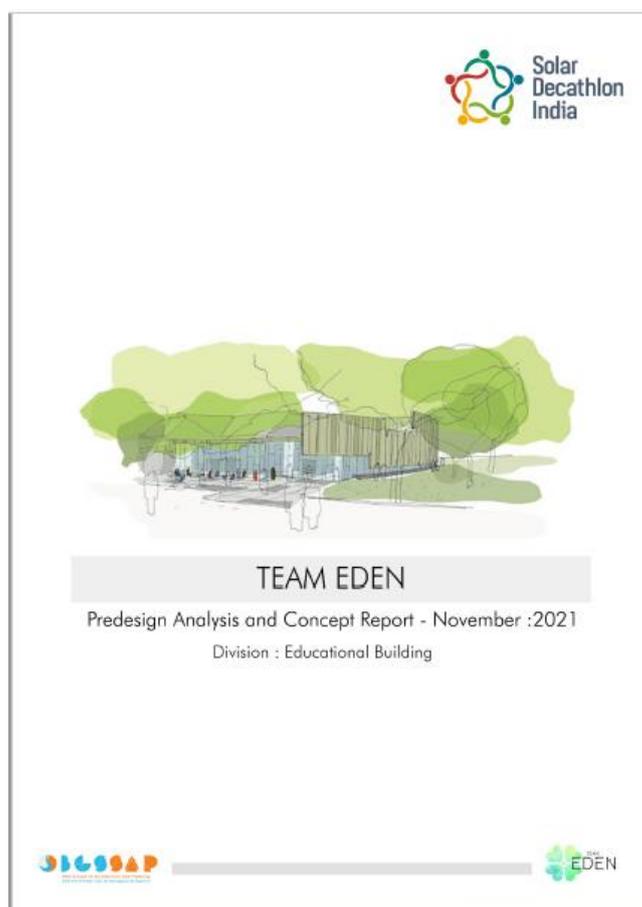


## Our achievements

### Solar Decathlon India Team EDEN (Students from BGSSAP)

Solar Decathlon India invites students from Indian institutions to design net-zero-energy-water buildings, contributing to real projects. It is conducted by the Indian Institute for Human Settlements (IIHS) and the Alliance for an Energy Efficiency Economy (AEEE) under the aegis of the Indo-US Science and Technology forum (IUSSTF).

There are various typologies of buildings namely - housing, housing, Educational building, Office building, Community resilience shelter & On-site construction worker housing. Out of these the student team must choose one of the typologies and design a Net zero building for the same typology. A total of 99 teams are taking part in the competition. Team EDEN, BGSSAP comprising students of 2nd & 3rd year have chosen the Educational building typology located in the Warm & Humid climate of Ranebennur, Karnataka. The team has submitted deliverable 1 & 2 and are awaiting the feedback for the deliverable 2.



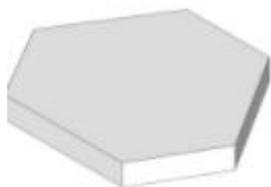
#### TEAM EDEN, BGSSAP

Soniya Santosh (Team lead), Nimish Rao, Tarun Nair, Vaishak Kumar, Arbaaz Mamoon, Adarsh A, Spurthi Ranjan Pradhan, Sharada H P, Niveditha R, Sreepriya S, Akhila B Uttangi, Nadia, Amrutha Rajendra

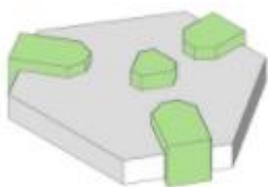
**FACULTY ADVISORS-** Prof. Nitin Saolapurkar (Principal), Prof. C T Manjunath (HOD)  
Ar. Chetan R Tippa (Faculty lead), Er. Rakesh (Structural consultant)

## Solar Decathlon India Team EDEN (Students from BGSSAP)

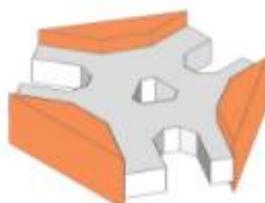
### FORM DEVELOPMENT



Built up mass



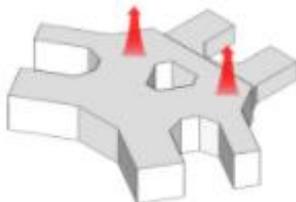
Courtyard cut out



Cut out for daylighting

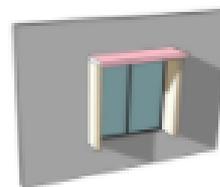


Cut out for contours



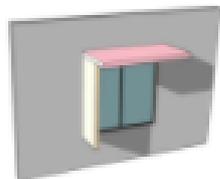
Increase in height for shading

### DESIGN OF SHADING DEVICES



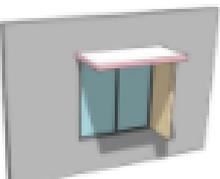
#### South side

VSA- 71°  
Overhang-650mm  
HAS- 77°  
Vertical Fin- 450mm



#### South West side

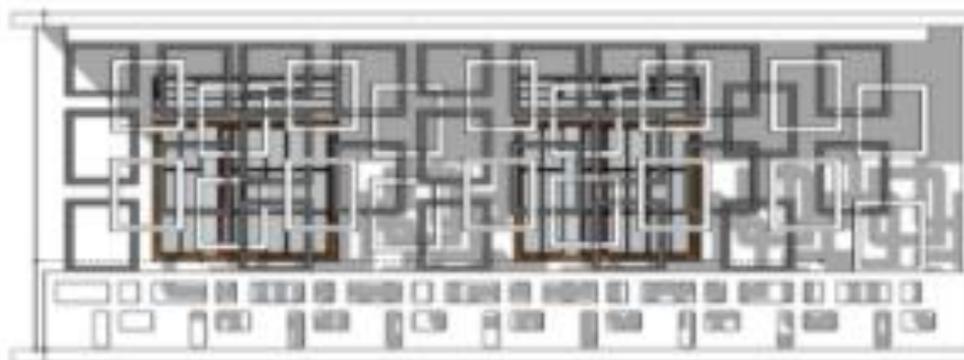
VSA- 62°  
Overhang-1000mm  
HAS- 71°  
Vertical Fin- 650mm



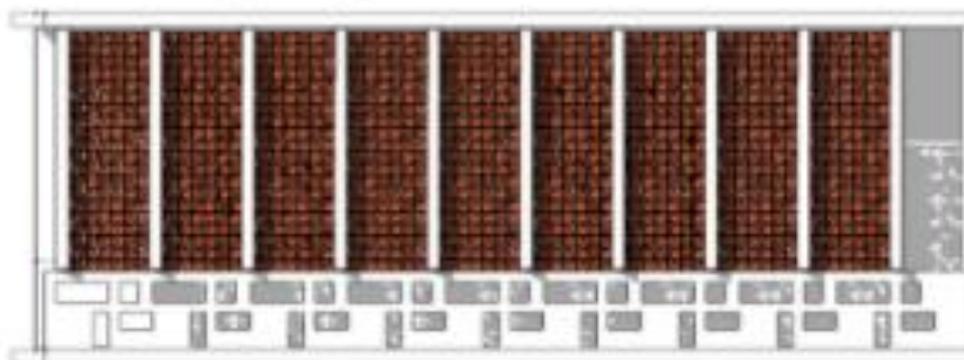
#### South side

VSA- 62°  
Overhang-1000mm  
HAS- 71°  
Vertical Fin- 650mm

### FAÇADE DESIGN



Option 1: Façade Cutouts



Option 2: Terracotta Jali

Façade is the key element of any building's aesthetic appearance. Play of light and shadow enhances the drama in the façade.

Vertical louvers provide shade for low angles of sun.

Terracotta jali provides shade while allowing ventilation of spaces.

Creepers can be used for further cooling of the space.

## Faculty achievements



Our faculty, Er. Rakesh R and Dr Puttaraju's paper on 'The efficiency of linear univariate programming method in estimating the parameters reflecting the behaviour of R.C.C beam along the span.' has been published in 'Smart Technologies for Energy, Environment and Sustainable Development.' journal



Ar. Vinod Kumar successfully completed 'Life skill training workshop' organized by Department of Epidemiology, Centre for Public health, NIMHANS, November 2021



COUNCIL OF ARCHITECTURE TRAINING AND RESEARCH CENTER, BHOPAL

in association with



SCHOOL OF ARCHITECTURE AND PLANNING, G D GOENKA UNIVERSITY



SCHOOLS OF ARCHITECTURE & PLANNING

TWO-DAY NATIONAL ONLINE WORKSHOP

**PEDAGOGY OF CONSTRUCTION IN ARCHITECTURAL EDUCATION**

23<sup>rd</sup> and 24<sup>th</sup> July, 2021  
10:00 am to 01:00 pm

In rigorous architectural courses there is a strong need for paradigm shift in construction pedagogy to accommodate the challenging traditional modes of instruction where information is offered in a static auditory and written form with lesser visual and physical engagement. The workshop intends at describing some approaches to remedy common defects in the pedagogy for students, academicians, practitioners and research scholars of Architecture and Construction Industry.



Ar. Hari Prasad S successfully completed the workshop on Pedagogy of Construction in Architectural Education as a part of Faculty Development Program conducted by Council of Architecture in association with SPA Bhopal.

# Pedagogy of Construction in Architectural Education and Impact of Online Teaching-Learning Methods

Ar Hari Prasad S  
 Assistant Professor  
 BGSSAP, Bengaluru



## ***Framing construction studios keeping in mind the methodology of learning by doing***

Construction studio can be a very dry subject with a lot of technical details and terminologies to remember, when it is taught purely as a theoretical subject. The various levels through which students can explore the subject by doing, starts from the basic activity of drafting/ schematic sketches.

Another activity where the topics can be explained to students in a way that it's easy for students to grasp, is by physically feeling the different Materials used in construction. The weight, texture, size of the material and how it can be used in a working drawing/ design will be a subconscious understanding to the student, without the teachers entirely feeding their brain on what to do and what not to do.

To add to this, hands-on workshops of various construction activities which are appropriate to the level of the student's learning should be adopted.

Miniature scale models which follow the process of construction can also be used as a method of learning. Although the material and its properties may not match with the real-world construction materials, it is still a great exercise to explain and understand the concepts involved in the process.

## ***Challenges of online learning and how to involve learners in teaching construction documents***

The online mode of communication which has become a new normal to most of the world and widely adapted by almost everyone, has still not been a favorable mode to most students and teachers.

The human interaction between students and teachers is reduced as it is limited to more of only 2 senses- speaking and listening. This disconnect of looking at the screen and talking instead of interacting with some interested/bored/distracted/sleepy faces of students is a gap that needs to be filled along with other problems like network issues and other technical problems. With students being on the other side of the screen, we do not know how the lecture is being received by the students, until the end of the presentation.

## Pedagogy of Construction in Architectural Education and Impact of Online Teaching-Learning Methods

The process of drawing and explaining as a means of communication has been difficult for many teachers when they shifted to online methods. Tools like graphic tablets, or multiple camera arrangements to focus on a drawing sheet while explaining can be used to bridge this gap.

Preparing Construction Documents turns out to be one the most important work once the students finish college and start working/practicing. I may not be wrong in saying that it even overpowers its importance to design drawings, most times.

It's important not only to make students understand the importance of these drawings, but also to inculcate a liking and interest in this subject.

How to involve- some of the methods tried and tested with students are, to ask them in the first class of the subject, how would they start building their beautiful design. More common answers we hear are "from close to road" "away from road" or "from living room" etc., until a few students start thinking about a section of a building and answer with excavation, footing, etc.

Next step is for them to understand the importance of locating a point (starting point) in an empty field. An activity can be conducted where students are identified to mark a point as per drawing, using a basepoint on an empty parking lot. Further, the process of marking centerlines, and using these as references Help them in understanding the scale and importance of accuracy.

I strongly believe that learning and understanding the basics of construction documentation will help the students to develop creative solutions and solve problems they may encounter on sites.



# Saraswati Pooja, 13<sup>th</sup> October 2021



During the auspicious period of Navaratri, we at BGSSAP sought the blessings from the God of knowledge, Saraswati. The Pooja was conducted in the Library on 13<sup>th</sup> of October 2021 in the presence of the Principal, HOD, faculties and all the students



# NSS activity- Plastic free campus, 25<sup>th</sup> October 2021



As per VTU guidelines and on account of 75<sup>th</sup> year of India's independence, BGSSAP NSS Team is successfully conducted **'Clean India Campaign'** at our college campus on 25<sup>th</sup> October 2021.

In the presence of NSS Officers and Members, we successfully cleared plastic waste from the campus, segregated it and sent to the recycling unit.



## Theme week, 26<sup>th</sup> October- 29<sup>th</sup> October, 2021



As a curated means to interact with and break the ice between junior and senior batch, a theme week was organized by the 5th semester students of BGSSAP. A theme for each day was decided as futuristic, comic character, memes and Halloween, where the 3rd semester students were to dress accordingly.

These students were also made to interact via dance, ramp walks and various games to make it a fun day for them. Based on this week, an award was presented for the best dressed under each category. Concluding this event with an overall award of Mr. And Ms. Fresher, based on the overall participation and interaction throughout the week and semester until then.



॥ JAI SRI GURUDEV ॥



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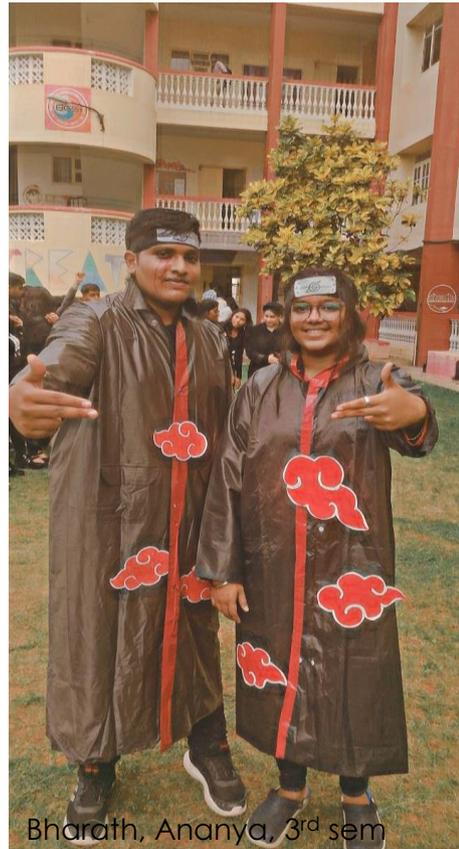
# THEME WEEK!

THE HUNT FOR MR. FRESHER & MS. FRESHER  
BATCH OF 2020 - 2025

## OCT 26TH - OCT 29TH

<p><b>TUESDAY</b> Oct 26th</p>	<p>2020 BATCH: FUTURISTIC REST OF THE COLLEGE: 90'S RETRO</p>
	<p>GAMES/ACTIVITIES: ROADIES SESSION!</p>
<p><b>WEDNESDAY</b> Oct 27th</p>	<p>2020 BATCH: MEMES DAY REST OF THE COLLEGE: FIRE &amp; ICE</p>
	<p>GAMES/ACTIVITIES: HOUSIE/BINGO</p>
<p><b>THURSDAY</b> Oct 28th</p>	<p>2020 BATCH: COMICS/ANIME REST OF THE COLLEGE: GOTH</p>
	<p>GAMES/ACTIVITIES: RED LIGHT GREEN LIGHT DOG &amp; THE BONE WHISPER CHALLENGE</p>
<p><b>FRIDAY</b> Oct 29th</p>	<p>HALLOWEEN PARTY-ENTIRE COLLEGE (HORROR/THRILLER)</p>
	<p>GAMES/ACTIVITIES:(ENTIRE COLLEGE) HOOK-STEP CHALLENGE TUG OF WAR CHARADES</p>

# Theme week



# Graduation Ceremony of 2015 & 2016 batches & Farewell

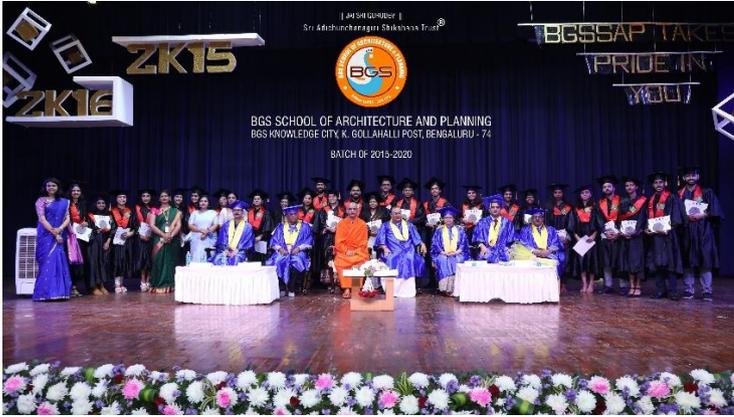
## 13<sup>th</sup> November, 2021



To mark a major historic event for BGSSAP, the first Farewell ceremony was conducted for the students graduating from the batch of 2015 and 2016. The batches are the pride of BGSSAP as they were the students who joined during the inception of the B.Arch course of the institution. These batches were given a combined graduating ceremony and farewell due to the unfortunate Covid-19 situation.

The ceremony was graced by the presence of **Sri Sri Sri Dr. Nirmalanandanatha Maha Swamiji**, President, Sri Adichunchanagiri Shikshana Trust and **Sri Sri Dr. Prakashnath Swamiji** Managing Director, BGS & SJB Group of Institutions & Hospitals. Our Chief Guest, Ar. Vidyadhar Wodeyar, COA Representative of Karnataka, and our beloved Guests of Honour, Ar. Leena Kumar, National Hom. Joint Secretary of IIA and Dr. Ajai Chandran C. K, Principal of SJBIT and Former Dean of BGSSAP were also present for the distribution of the certificate and memento for the graduating students.

# Graduation Ceremony of 2015 & 2016 batches & Farewell



The graduation ceremony was followed by an informal farewell ceremony hosted by the students for the outgoing batches. Students from all the semesters performed on various dances, singing and instrumentals dedicated to the graduating students. Towards the end, all the graduates joined the students on stage to dance and conclude the program. This was indeed a memorable event for not only the graduating students but also the current batch of students and faculty members.



## Rajyotsava celebrations, 28<sup>th</sup> November, 2021

The Kannada Rajyotsava day was celebrated jointly by BGSSAP and BGS IRS on Saturday, 27th November 2021. The day began with the Principal inaugurating the ceremony by hoisting the Karnataka Flag and students are seen saluting to it. Following which was the students sang the famous poem "Jaya Bharata Jananiya Tanujate" by Kuvempu, which marks the official song of the State of Karnataka. This was followed by the Lighting of the Lamp by the dignitaries, while the students dedicated the song "Hacchevu Kannadada Deepa". The podium and auditorium were decorated in accordance with the spirit of the special occasion.



## Studio activities



At BGSSAP, the odd semester so far has been abuzz with various studio activities.

As part of the subject 'Art in Architecture', guided by Prof Poonima and Mr Krishna Prasad, the 7<sup>th</sup> semester students were exposed to how various construction materials can be used in unique ways and made into a piece of art. In the image on the left, students have made portraits on terracotta trays.

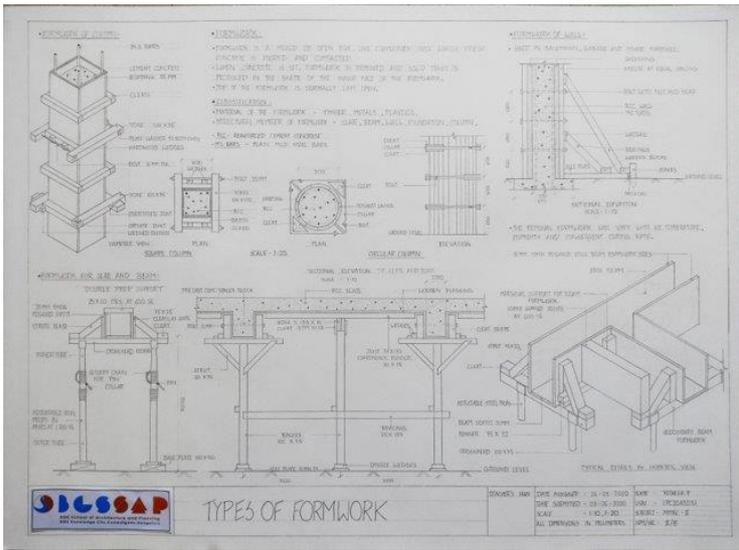


The 3<sup>rd</sup> semester students, as part of the elective 'Vernacular architecture' led by Ar Hardik and Ar Deepika, had an hands-on experience of documenting 2 mud buildings along with a village street. The details regarding mud construction was studied and drafted accordingly.

The other elective for the 3<sup>rd</sup> semester is 'Photography'. In the guidance of Ar. Vinay Shekar and Ar. Hari prasad S, the students dealt with basic principles of photography, techniques involved in architectural photography.



# Academic work progress



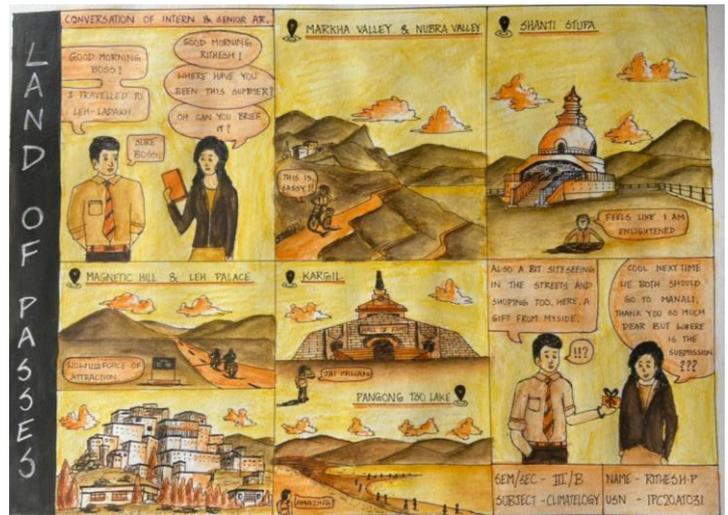
MMBC-2  
Ritesh P (3<sup>rd</sup> semester)



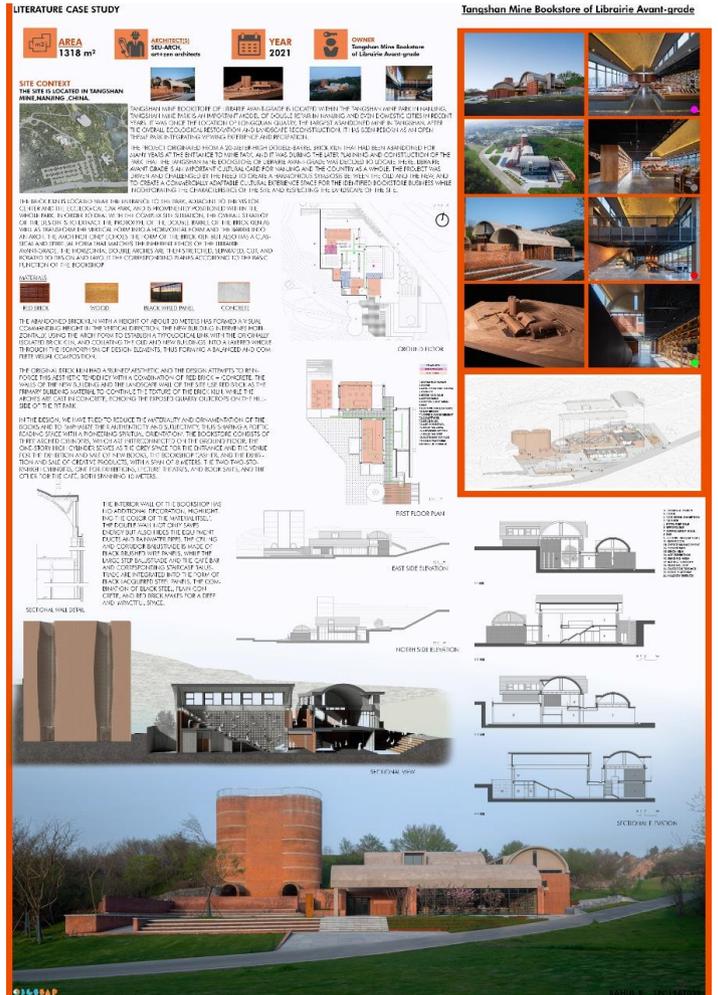
Interior Design  
Mahima (7<sup>th</sup> Semester)



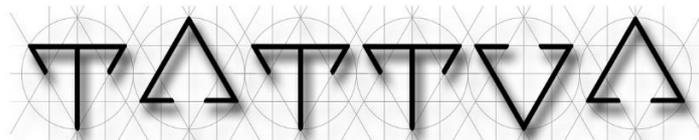
Interior Design  
Spurthi Ranjan Pradhan (7<sup>th</sup> Semester)



Climatology  
Ritesh P (3<sup>rd</sup> semester)



Architectural Design - 5  
Rahul R (5<sup>th</sup> Semester)



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