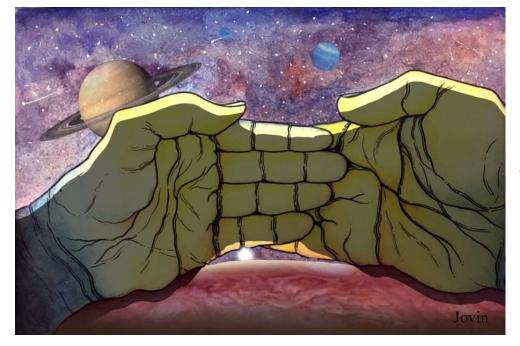
abbivyakti





2017-18

Recognized by the Government of Maharashtra Approved by the Council of Architecture Affiliated to the Savitribai Phule Pune University, Pune (ID No. PU/PN/Engg/1512000)

## SINHGAD TECHNICAL EDUCATION SOCIETY'S

# SINHGAD COLLEGE OF ARCHITECTURE, PUNE



### FOUNDER PRESIDENT'S MESSAGE

Prof. M. N. Navale

Founder President, Sinhgad Institutes

"We ensure that these young minds find the right knowledge and the right atmosphere to dream and the right preparation to achieve their dreams."

Two decades ago, with the winds of change blowing through the Indian economic landscape, we had a dream. We realized that the coming century would throw up unfamiliar challenges, the kind that mankind has not seen yet and the pace of change will be unsettling. Our dream therefore was to build an institution that will equip the youth to be able to compete in a scenario where change could be called the only constant.

From this dream arose Sinhgad Institutes. From a humble start, our family is now 70,000 plus and growing. But there is one way in which we have not changed and that is in our uncompromising stand on quality of education and its applicability in life. We have always worked towards creating thought leaders and frowned upon rote learning. This is evident in the quality of students that come out of our institutes and their successful trajectory in life.

At our campuses, we see young minds reinventing the future in more ways that we can imagine. The pace of change is only accelerating and this means that these young minds will find many ways to influence the future and better the lives of millions atmosphere to dream and the right preparation to achieve their dreams.

Come join us in our march towards light.

#### Abhivyakti 2017-18



### FOUNDER SECRETARY'S MESSAGE

Dr. Sunanda M. Navale

### Founder Secretary, Sinhgad Institutes

"We see a potential leader in every student. We treat every mind with the respect that is deserving of one who is to achieve greatness."

The world is fast converting to a knowledge economy where the only wealth is agile and able to adapt to changing scenarios. Now, it is not just enough to complete individual. We at Sinhgad Institutes have always believed in the complete development of an individual. We see a potential leader in every student. We treat every mind with the respect that is deserving of one who is to achieve greatness.

Our emphasison students getting involved in sportsand other extracurricular activities lay the foundation of an individual who is academically keen and able.

Peter Drucker had once famously said, 'The best way to predict the future is to create it.'



Mr. Rohit M. Navale

## Vice President (HR), Sinhgad Institutes

"Our emphasis on honesty, fair play and integrity go a long way in ensuring the success of our alumni when they go out into the world."



Mrs. Rachana Navale Ashtekar

### Vice President (Admin), Sinhgad Institutes

"Our faculty is the engine that helps the institute running with ceaseless efforts and constant innovation."

## **OUR VISION**

"create an milieu for crafting sensible & responsible architects for the society"

## **OUR MISION**

committed to offer a conducive academic environment

to LEARN, DEMONSTRATE & PROGRESS for

both students and teachers

## **OUR OBJECTIVES**

to provide all-round development & excellence in

curricular program, co-curricular activities & extra-curricular activities

Abhivyakti 2017-18

### FROM PRINCIPAL'S DESK

Dr. Banani Banerjee Principal, SCOA

"Shelter" the primary need of mankind always undergoes infinite creative approaches and experiments. The growing and changing demands of the society is marking new horizon in the human space. As a result, the scope in the field of architecture is setting new paradigms.

We, at SCOA provide all facilities and pay full attention to mould the students as sensitive, creative, practical, dutiful and ethical architects to serve the society. Competent faculty, state-of-the-art infrastructural facilities are provided to full-fill our aim.

We are happy to publish annual magazine Abhivyakti where our students and faculty contributed enthusiastically with a conviction of continuing the tradition started at the inception of our college.

## **Student Editor**

1. Abhijeet Dhumal III – B

### **Team Members**

- 1. Darshan Kanter II-B
- 2. Chinmay Nisal II-C
- 3. Lakhan Chahchane I-A
- 4. Omkar Dandawate I-A

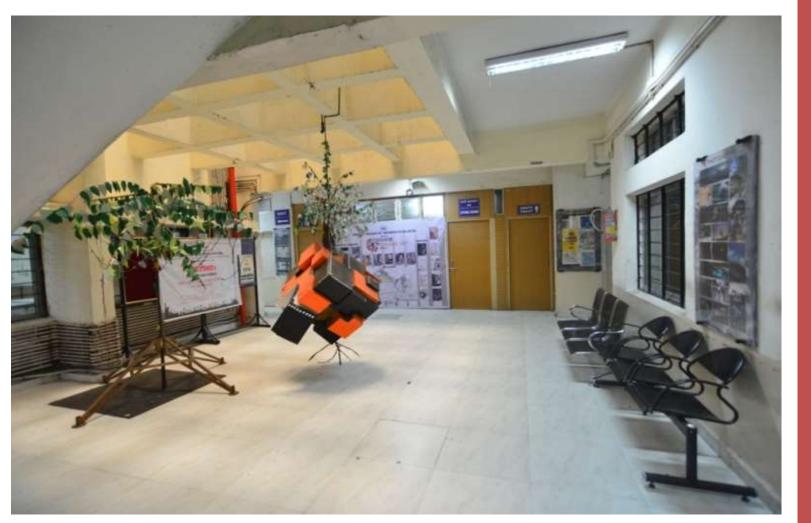
## **Faculty Coordinator** Ar. Ninad Jog

The students of SCOA take the pride of continuing the tradition of publishing annual magazine Abhivyakti this year. Entire process from collection of contents, editing, composition and printing gave us the opportunity to work in collaboration, intellectual enhancement and most importantly to add a milestone in the progress of college.

We are grateful to faculty and management for extending their support and guidance.



FROM EDITOR, Abhijit Dhumal, B. Arch. II-B



**ANNUAL EXHIBITION** 



## CONTENTS

- STES
- SCOA
- ACADEMIC WORKS
- CO-CURRICULAR
- EXTRA-CURRICULAR
- SILVER JUBILEE EVENTS
- PHOTOGRAPHS

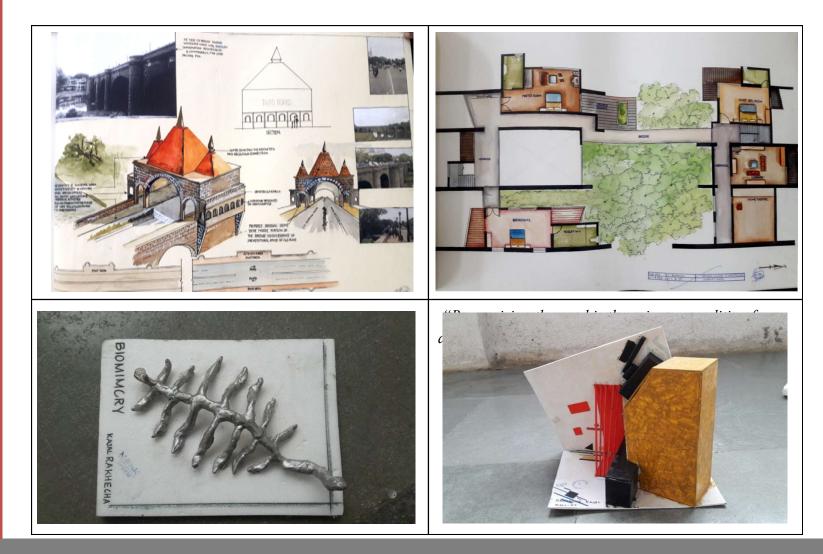
*"Architecture is the will of an epoch translated into space."* Mies van der Rohe

## FIRST YEAR B. ARCH.



### SECOND YEAR B. ARCH.

## "Recognizing the need is the primary condition for design." Charles Eames



## A joint studio of second year B. Arch.

# Sinhgad College of Architecture, Pune & S.V.S.College of Architecture ,Coimbatore 'BRIDGE THE GAP BETWEEN OLD AND NEW'.

Faculty of SCOA : Ar.Shilpa Kshirsagar, Dr. Avanti Bambawale, Ar. Ninad Jog, Ar. Kirti Pawar, Ar.Mughada Kulkarni **Overall coordination : Ar. Trishna Mahadkar.** 

Pune is the second largest city in the Indian state of Maharashtra and the ninth most populous city in the country. Situated 560 metres (1,837 feet) above sea level on the Deccan plateau on the right bank of the Mutha river, is the administrative headquarters of Pune district and was once the centre of power of the Maratha Empire established by Shivaji Maharaj. In the 18th century, Pune was the political centre of the Indian subcontinent, as the seat of the Peshwas who were the prime ministers of the Maratha Empire.

Today the city has grown and continues to grow rapidly in all directions, with the newer developments across the river. However this rapid change has also brought about a generic character to the city. With the river offering the largest continuous open space at the city level, the bridges across the rivers bring about an opportunity to literally **'BRIDGE THE GAP BETWEEN OLD AND NEW'**.

A joint studio was conducted with the second year B. Arch. students and faculty of Architectural Design of two colleges at SCOA for two-day long session on 26<sup>th</sup> & 27<sup>th</sup> July 2017. Students of second year and faculty of S.V.S.College of Architecture ,Coimbatore **joined in the studio with the aim of collaborative experimentation.** 

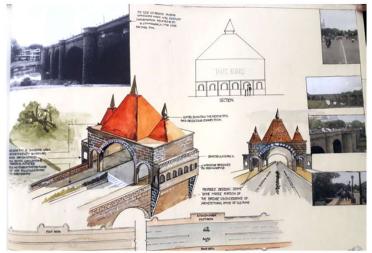
Four existing bridges over Mutha river in Pune were selected as

- •S.M.Joshi Bridge
- •Kakasaheb Gadgil Bridge Z Bridge
- •Shivaji Bridge
- •Sambhaji Bridge

## A joint studio of second year B. Arch. Sinhgad College of Architecture, Pune & S.V.S.College of Architecture ,Coimbatore

## **Design requirements**

Students formed groups of four members, two from each college, and each group studied one of the four bridges. On the first day, students surveyed the bridge and two areas connected by the bridge. Keeping in mind the original context and today's user along with his/her needs, redesign the connection from old to new. The students mapped and analysed the present use and physical conditions and made a proposal for making better quality space. Plan, sections, photographs, sketches were made by each group and presented their findings.



JOINT STUDIO- OLD TO NEW – DESIGNING OVER SHIVAJI BRIDGE



"Architecture begins where engineering ends."

Walter Gropius

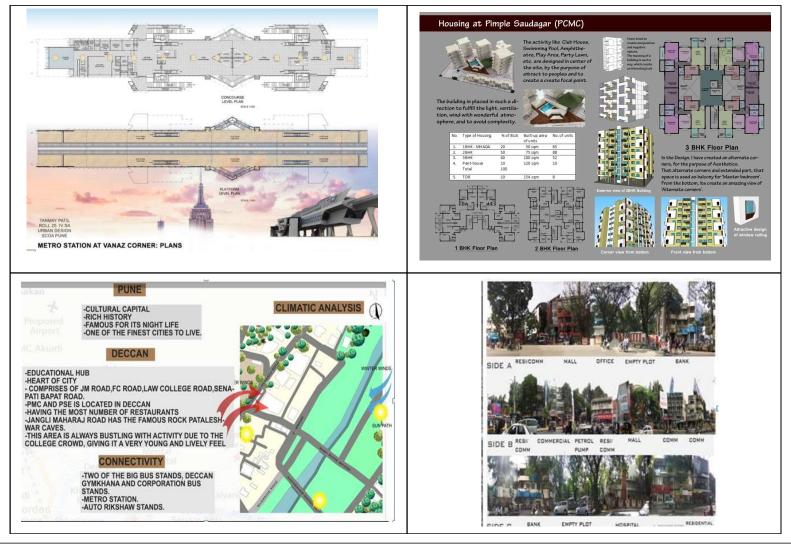
## THIRD YEAR B. ARCH.



"No architecture can be truly noble which is not imperfect."

John Ruskin

### FOURTH YEAR B. ARCH.



"An idea is salvation by imagination."

Frank Lloyd Wright

## FIFTH YEAR B. ARCH



Thesis On Sky Scrapers By Himangi Mutha. Final Y. B. Arch.





Design Competition Participation By Rushikesh Kothari, Abhijit Bhogade, Akshay Gawade.

"The problem with **digital architecture** is that an algorithm can produce endless variations, so an **architect** has many choices." - Peter Eisenman

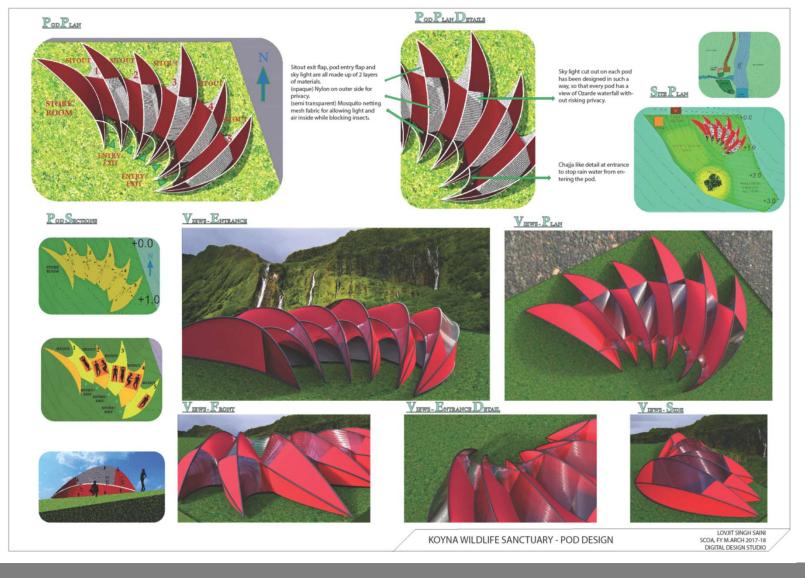
#### **Standrad POD Area** POD SITE ANALYSIS SITE - Ozarde water fall Pod is a affordable range finy house occupies minimum circulation area and usable area. SITE 60 It is generally used for Relaxing and planned to keep very less and only required space for Dwelling. Koyna Ozarde 40 Tourist MAJOR TOURISM IN VICINITY OF KOYNANAGAR **vater** fall **Different Types Of PODS** 20 perc CAMPING ANIMAL SAFARIES summer Rainy Winter BIRDS WATCHING PHOTOGRAPHY Percentage of Tourist Visiting KoynaN POD area was selected near Ozarde Koyn As per standard minimum POD size waterfall should be : Lowest Single person- 1.2m X 1.5 m = 1.8 sq.m Two person- 1.5m X 2.5 m = 3.75 sq.m Height = 1.5 m Basic Rules for construction of POD in Birds migrats near water and Animals come their to drink water, so tourist are found for = 12m Widw main road forest highway bird watching and Photography near Koyna Conservation river. 1.5 m Wide Tourism is feeding the people who are empowered to protect the animals from Design Intent for POD As Per Brief Pathway Camping Animal Safari · Tourist POD would be For Single occu-Highest pt.of poachers. SITE waterfall pancy or Double occupancy. The community builds & POD can be Individuals or clubed To- acted to hospitality.Care to be take, Utbansition should be over power natural beauty 30 m waterfall · Don't cut down trees, build it into design Avis from main base Birds watching Photography Away from river, inside the forest, in buffer zone, various animal species , so mosly Tourist go their • PODs will be placed on levels for Animal Safari and Campina - No obstruction of View - Each POD will get its Private Area · Under the Tree to hide in its Section Line Lowest pt. foliage 0.00m LOCATION of water fall SITE PARAMETER Viewing deck WaterFall Valley Site selected contains 9.0m 6.0m 3.0m Various huge trees, Big stones, Area selected for A subdived pathway con-necting main 1.5 m pathway SITE SELECTION POD plays very im Above free to hide in its foliage 0.00m portant role in get SITE SECTION **CRITERIA FOR** reaching highest point of ozarde waterfall. ting view points and Axis points POD SITE Different angles of view from the site Near stones to merge PHOTOS points Care is taken to View pt : - Ozarde waterfall with the landscape preserve the natu-ral Flora of forest in front and remaining sides Dense Forest erFall 9.0m 6.0m 3.0m 0.00m SITE SECTION Around trees to get Possible POD Area natural shade around Pods should be placed on TOURIST POD AT KOYNANAGAH different levels to avoid ob struction of view

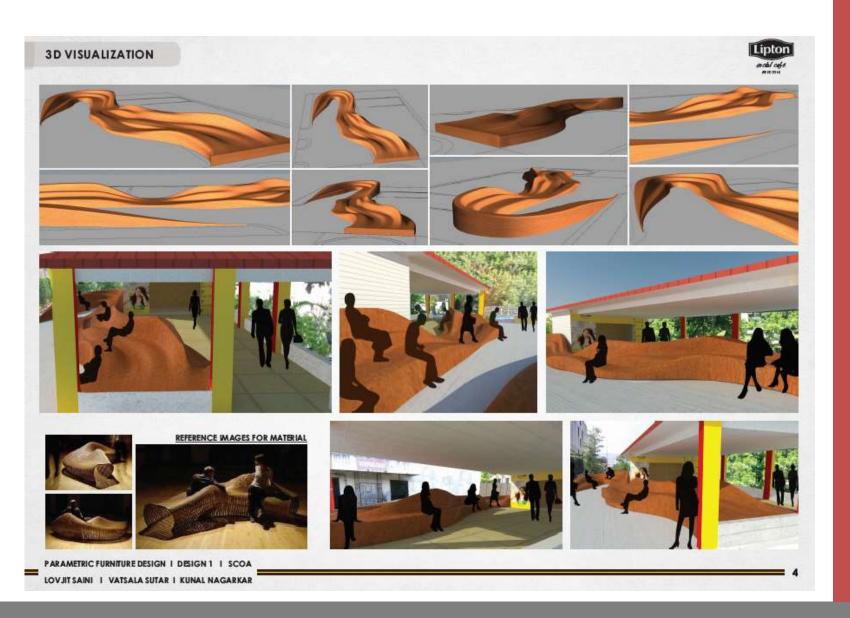
### M. ARCH. (COMPUTER APLLICATIONS)

## M. Arch. (Computer Application) - Digital Fabrication by students of F. Y. 2017-18



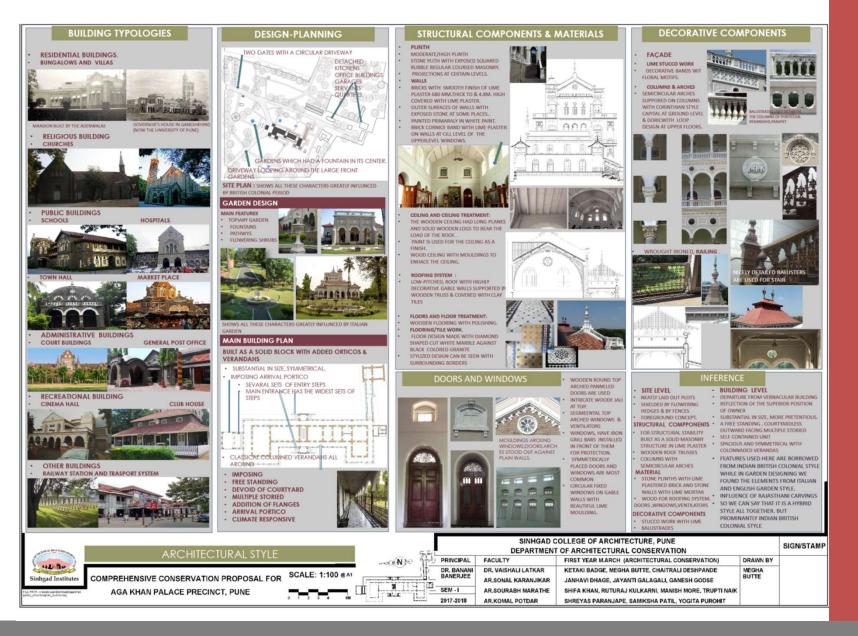
## POD Design by Ar. Lovjit singh Saini. F. Y. M. Arch. 2017





#### JEJURI : NATURAL SETTING AND CONTEXT

KHANDOBA, AT JEJURI : 'Kuldaivat of Maharashtra' 450 step 0 Kadepathar 750 steps Kadepaths Location : Jejuri is located at18.28\*N 74.17\*E. It has an average elevation of 718 metres (2355 feet). There are two Khandoba temples: the first is an ancient temple known as Kadepathar which has 750 steps to climb up. it is difficult to climb. The second is known as Gadkot Temple, which has stone steps to climb. This temple has about 450 steps, 18 Kamani (arches) and 350 Dipmalas (lamp-pillars). Both temples are fort-like It is the medieval temple located on a hillock. There are 200 stone steps leading to the temple passing through toranas (huge doorway arches). The steps are lined with a number (300) of stone deepmalas (lamp stands) on either sides. The main doorway has a nagarkhan superimposed over it. Outside the main temple one comes The main temple itself is within a stone across a minor temple of the demon fortification (gadkot). It is said that turned demi god, Mani and also four Jejuri used to be a fort in the medieval huge deepmalas line up. times. This was the place where Shahajiraje met his son Ch.Shivaji raje after a long period of separation (sometime around 1662 AD). 3#5.#+2.5 The fortification is in form of a arcade passageway with a parapet covering the CA ACCEPTENT perimeter of the temple premise. ID-1-8-1 Chandoba's iconography is a dog. It is said that when Khandoba slew the Jejuri is located at 48 kms from demon, a pack of dogs who assisted Outside the main doorway pune, near saswad , on Pune the lords forces jumped in glee sees a majestic statue of Pandharpur road. sharabha that is so revered in abandon over the corpses of the the Khandoba (Shiva) temples as emons. Hence alongside the statues f the Gods there is also an idol of the the Lords incarnation and another figurine of an elephant. FACULTY-DR. M. V. TELANG AR. VAISHALI LATKAR, HREYAS AMRASKAR SHEPA INGAVALE, AURUJOSH MUGOHA KULKARN HHATRASAL PANDAY POORYA RUKARN EJAS PANAR SHUDHASHRU U. **SIGN** TE LASS PAINAR AR ARCHANA DESHMUKH SAFEGUARDING THE CULTURAL LANDSCAPE OF KHANDOBA S.Y. M. ARCH ARCHITECTURAL CONSERVATION SHEET NO-SCALE -



#### Who was Sir Sultan Muhammad Shah Aga Khan III ?

#### 1. Early Life

•He was born in Karachi, in British India (now Pakistan), to Aga Khan II and his third wife, nawab a'lia shamsul-muluk, who was a granddaughter of fath ali shah of Persia (Gajar dynasty). •Under the care of his mother, he received both the religious and eastern education which his position as the spiritual leader of the ismailis made indispensable and a sound European training. •The latter had been denied to his father and his paternal grandfather.

. This blending of the two systems of education proved to be very appropriate, as he led his community through times of change, including the end of British rule in India and the establishment of the state of Pakistan as a Muslim homeland. He also attended Eton and \_Cambridge university.

•He was one of the founders and the first president of the All-India Muslim League, and served as President of the League of Nations from 1937-38.

•He is considered to be a founding father of Pakistan. Stressing the need for a progressive interpretation of Islam, he stressed its compassion, respect for human dignity and tolerance and did much to situate his community within the Muslim mainstream. +His sons and grandson have continued a tradition of service to the international community through involvement in the United Nations, through diplomacy and through initiatives funded by the Imamate, His own life bridged the colonial period and the postcolonial period in India, where he spent much of his life. ·He successfully led his community during both eras, helping it adapt to changing circumstances. On the one hand, he was considered to be a celebrity.

•Owning racing horses, he moved comfortably in the company of royalty and the wealthy.

•On the other hand, he was respected for his knowledge of Islam, for his philanthropy and for his commitment to human dianity.

#### Race Horse Owner

He was an owner of thoroughbred racing horses, including a record equaling five winners of the Ensom Derby, and a total of sixteen winners of British Classic Races. He was British flat racing Champion Owner thirteen times

#### Why Aga Khan Palace Was Built ?

#### •Aga khan palace was built in 1892 by Sir Sultan Muhammad

Shah Aga Khan III. ·It was constructed intended to be a source of employment for the famine-struck villagers in the surrounding areas. . It took about 5 years to complete the work and one thousand people were employed and the were given full hearted wages for their livelihood and 12 lakhs was the cost. In the year 1969 Prince Karim El Hussenim Aga Khan IV

came to India and donated this palace with surrounding land to he government of India Gandhi Smarak Nidhi, New Delhi.



The sprawling palace complex is located on Ahmednagar road and is a spectacular building with vast open space in the front. It was built in the Italian style - with arches and spacious lawns though it was also influenced by Islamic architecture.



Surrounding Today

While the majestic building and the palace grounds attract a lot of visitors every day, the Aga Khan Palace seems to have been overshadowed by new developments occurring on Nagar road, one of the most happening places in Pune. Several office towers, residential colonies, shopping malls, star hotels and other new buildings have come

#### **Architectural Style And Characteristics**

•Aga Khan Palace Has Italian Arches And Spacious Lawns. •The Building Comprises Five Halls. It Covers An Area Of 19 Acres (77,000 M2), Out Of Which 7 Acres (28,000 M2) Is The Built Up Area. •The Palace Captivates The Eve Of A Spectator With Its Magnificence And Picturesque Architecture.

•The Area Of The Ground Floor Is 1756 M<sup>2</sup>, That Of The First Floor Is 1080 M<sup>2</sup>, Whereas The Second Floor Has A Construction Of 445 M<sup>2</sup> •The Specialty Of This Structure Is Its Corridor Of 2.5 Meters

Around The Entire Building Aga Khan Palace Today-

Today, The Palace Serves As The Headquarters Of The Gandhi National Memorial Society And Features Several Exhibits, Including The Personal Belongings Of The Mahatma. •The Aga Khan Palace, Which Is Also A Museum, Archives Several Photographs And Portraits Relating To Gandhi And Major Leaders Of The Freedom Movement, Some Of The Rooms Especially Those Occupied By Gandhi, Are Out Of Bound For Visitors, Who Can, However, See It From Outside. •Though Gandhi Was Detained At The Palace For Less Than Two Years, It Had A Major Role During The Crucial Period Leading To

Independence. In Fact, When The Late Filmmaker Richard Attenborough Decided To Make His Film Gandhi, He Shot Large Portions Of It At The Aga Khan Palace.









Nagar road, which was forme a narrow, two-lane road, has now been widened and localities along

References and credits 



#### 01/16 SHEET TITLE

PUNE

**CO-CURRICULAR** 

## **DESGN COMPETETIONS**



The Team With Dr. M. V. Telang Sir.

EVERTIFICATE DESIGNATION Presented to SINHQAD COLLEGE OF ARCHITECTURE DINHQAD COLLEGE OF ARCHITECTURE

The Certificate

## **Everest Design Challenge 2017**

Students of fourth year B. Arch. participated in Everest Design Competition organised by Everest building solutions company on 7th July 2017 in Ahmedabad. They had to design a bungalow using Everest products and analyse their advantages and won the first prize. The winners were Anket Tathed, Shardul Kanase and Hrishikesh Gawade

Abhivyakti 2017-18

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Multi-utility Urban space: a social project undertaken by students of Sinhgad College of Architecture, Pune by converting existing cluttered and chaotic space below Navle Bridge into an artistically and creatively articulated lively place with waste and discarded materials for people to use for sitting, relaxing and reading newspapers. The process of entire work was documented and submitted as an entry for annual convention of NASA (National Association of Students of Architecture) Trophy. The work was completed in a week time with the participation of local people, vendors and even with the cooperation of police personnel and inaugurated on 19<sup>th</sup> August, 2017.





BEFORE



AFTER

## Parivartan - 2018

Parivartan – 2018: A model-making competition was jointly organized by Save Pune Traffic Movement (SPTM), Action for Pune Development, Pune Traffic Police and Bridgestone Road Safety Education Program on **17th February, 2018 in Pune**. They wanted novel suggestions from college students for what needs to be done to improve the layout of a specific road orchowk in Pune, which was to be presented in a 3D model or a 2D sketch. First Prize in college category was Won by students of second year B. Arch. ofSinhgad College of Architecture, Pune. Winners were AjinkyaGhodnadikar, AbhinayJadhav, Pranav Kale, RishikeshJadav, Vishal Kangne, MasudKazi, Saurabh Joshi, Pratik Gugale and Abhishek Jain.

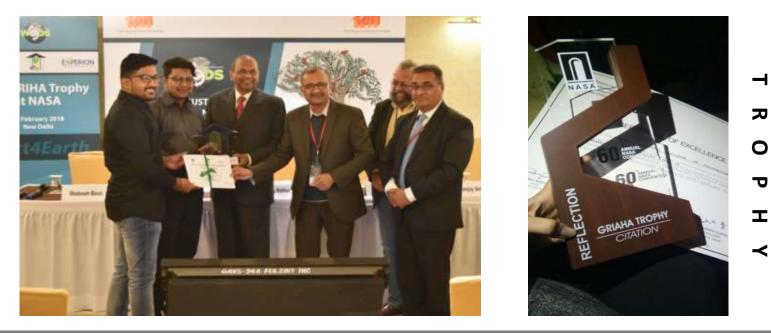


## NASA Convention 2018

60th NASA (National Association of Students of Architecture) annual convention was hosted by D.C. School of Architecture and Design at Vagamon, Kerala from 29th January to 2nd February, 2018. Almost 3000 students from 180 Architecture colleges in the country participated in various academic trophies and on-spot competitions.

The students of Sinhgad College of Architecture won the first rank for GRIHA Trophy among the 55 participating colleges. It was an Multi-Purpose Complex design competition, site was in Gurgaon about 3.95 acres. The winning team was consisted of Tanmay Patil, Hrishikesh Gawade, Sanket Veerkar, Aditya Gawade, Darshan Gaikwad, Soniya Joshi, Deepanshi Jaiswal.

The post NASA event i.e. TERI WSDS (World Sustainable Development Summit) was conducted at New Delhi, India Habitat Centre on 15<sup>th</sup> of February 2018. The winning team was invited to present in the summit.



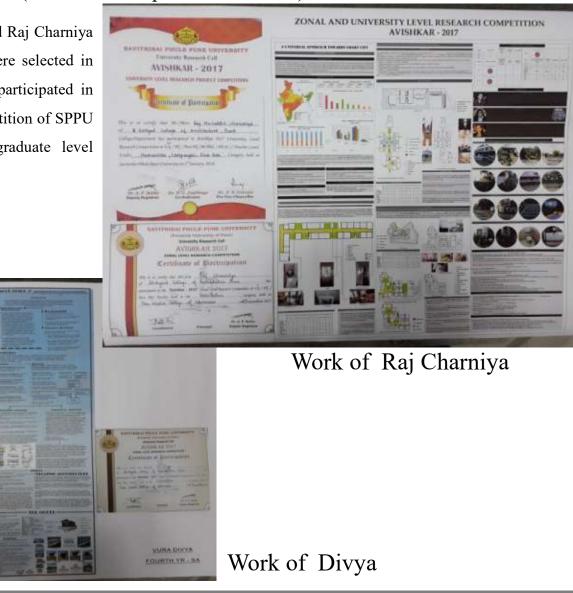
## Aviskar 2017 (Research Competition of SPPU)

Two students V. Divya, and Raj Charniya of final year B. Arch. were selected in the qualifying round and participated in zonal level research competition of SPPU 'Aviskar' 2017 in undergraduate level architecture category.

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## **QUIZ COMPETETION**

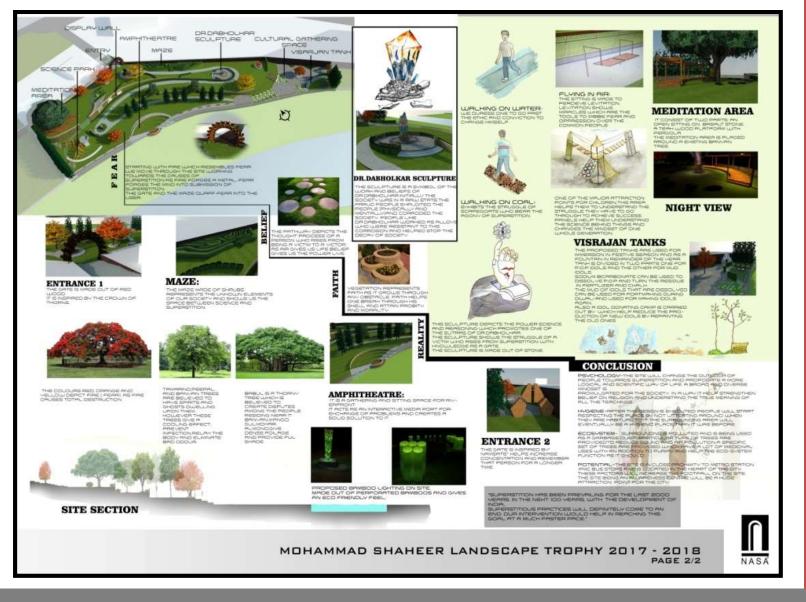
## **Arcumen Quiz competition**

The students of B. Arch. are participating and winning prizes in national level Arcumen Quiz competition for architecture students organized by Ethos, Kolkata, for many years. In Arcumen13in 2016, Amar Agarwal and Jaisal Sangvi participated and got 4<sup>th</sup> rank in western zone. In Arcumen14 in 2017, same students qualified in zonal level with 2<sup>nd</sup> rank to participate in national level and stood 4<sup>th</sup>. In Arcumen15 in 2018, two teams from fifth year B. Arch. (1. Amar Agarwal& Jaisal Sangvi, 2. Neeraj Kripalani & Yash Parikh) qualified to participate in national level to be held in New Delhi on 10<sup>th</sup> March, 2018

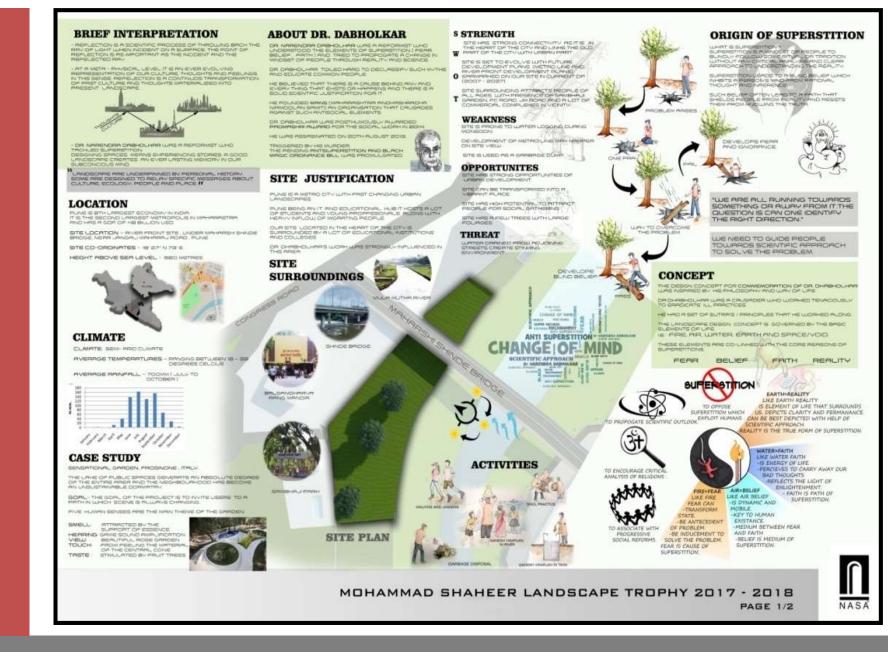


From extreme right – standing: Jaisal Sangvi & Amar Agarwal

## **NASA: TROPHY ENTRIES**



#### Abhivyakti 2017-18



#### 'AABHAS zonasa 2k17'

#### ZONAL NASA AT SINHGAD COLLEGE OF ARCHITECTURE, PUNE

(2nd to 5th November, 2017)

NASA (National Association of Students of Architecture) has been founded 60 years before in 1957, is a unique organisation completely managed by under graduate students from nearly 400 architecture colleges of all over India. The main activity of NASA is the annual convention where six to seven thousand students participate. Apart from that, the colleges are grouped into 6 zones, where zonal NASA conventions are arranged annually in a selected host college. This year zonal NASA '*AABHAS zonasa 2k17*' convention of Zone 3 was hosted in Sinhgad College of Architecture in Pune, in VadgaonBudruk campus from 2nd to 5th November, 2017. There were more than 850 students from 23 colleges from Pune, Kolhapur, Solapur, Aurangabad, Nashik and Nagpur regions of Maharashtra participated in the convention.

There were various events with competition organised to learn and for fun, where prizes and trophies were distributed to the respective colleges. various academic workshops and seminars were arranged which were conducted by eminent experts from all over the country. Competitions of cultural events like group dance and MR. & Ms. ZONASA were highly applauded. Moreover, many on spot games were organised for both fun and for interactions. A gala DJ night event was planned on 5th.

The inauguration of the convention was on the hands of eminent architect Mr. Christopher Charles Benninger and Mr. Ramprasad. The key note speaker for the second day was Ar. Shailesh Devi from Nashik. The valedictory function was graced by Ar. Vijay Garg, Vice-President, Council of Architecture and Ar. D T Vinod Kumar, from Hyderabad. On both the days, founder president of Sinhgad Technical Education Society, Prof. M. N. Navale graced the events.

### Abhivyakti 2017-18



Ar. Christopher Charles Benninger Attended by Mr. Ramprasad, Ar. Ramesh Chavan Graced by Prof. M N Navle, Founder President, STES



Ar. Vijay Garg gave a motivational speech to the students by stating the important roles of an Architect in the society and how to inculcate it within





## WORKSHOPS AT ZONASA













First Year B. Arch.Village Settlement study		
Place: Khopi village (35 Km from Pune), Date: 11 <sup>th</sup> & 12 <sup>th</sup> January 2018 Faculty: Ar. AditiPhadke, Ar. ManasiKhope, Ar. Snehal Joshi, Ar. NovinaArunan 38 students Div. A		
Place: Kasba Beed Village (17 kms from Kolhapur) Date: 10 <sup>th</sup> to 12 <sup>th</sup> January 2018 Faculty: Ar.Niketa Patil, Ar.Ninad Jog 39 students Div.B		
Place: MardheVillage, Satara Date: 15 <sup>Th</sup> to 17 <sup>th</sup> January 2018 Faculty: Ar. KavitaPatil& Ar. Megha Butte 39 students Div.C		
Place: Pabal (50 Km. from Pune), Date: 10 <sup>th</sup> to 12 <sup>th</sup> January 2018 Faculty: Ar. PradnyaPatki, Ar. Sunil Shastri 39 students Div.D		



#### **River Art Circle**

River Art Circle: A social project undertaken by students of Sinhgad College f Architecture, Pune to make the city of Pune clean and beautiful with art. A stretch of roadside area along Mutha river was cleaned and painted by them on Sunday, 11th February, 2018 to make city a little better.

Sachit Shetty, Lokesh Kadam, Mandar Kere, Hasan Fakri, Shantanu Gaikwad &Rucharani Kunwar Patil of final year B. Arch. coordinated the project.



### Blood Donation Camp

Sou. Kashibai Navale Hospital arranged а blood donation camp at SCOA on Wednesday, 9th March 2018. A total of 111 units of blood collected from were belonging donors to students and staff of SCOA and three other institutes in the campus.







#### Nirbhaya Kanya Yojana (Self Defense):

One day Workshop on Self Defense was held on Monday, 8th Jan 2018 for all girl students of SCOA under the scheme of SPPU. Mrs. Shilpa Chillal, a National level Judo player conducted the program. In the first session, an audio-visual presentation was made to understand importance of self-defense, in second session, she demonstrated various safety techniques to safeguard from opponents.



Tree plantation at Taljai hill on 17/7/2017 by students and faculty of SCOA.



Interactive Session on **Personality Development** was held on On Friday 22nd September 2017 at SCOA. Students, Teaching & Non teaching staff participated in the program. Mr.Rajesh Chavan, Founder, Jivan Sanjivani Manav Sanshodhan & Vikas Sanstha ,Wai, Satara conducted a thought provoking session on how to improve our personality by seeing our score card by reading /observing videos for betterment of our personality.

#### Abhivyakti 2017-18



#### K.B.P. Earn & Learn Scheme

SCOA adapted the scheme of SPPU for needy students to help 9 enrolled students in 2017-18, who were paid against assisting in working in administration office, computer lab & in library of SCOA, as per the guidelines. They were trained and also given the task of documentation, harvesting e-books related to Architecture & allied field from free sources. Students shown enthusiasm in working and as a whole Earn & learn scheme definitely a boost for students who are financially week & who wants to fulfill their dream of learning by earning simultaneously.



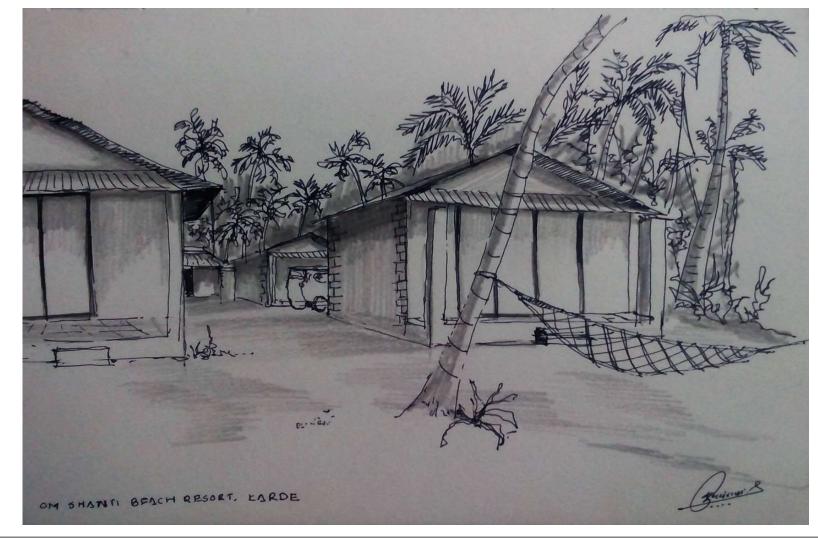
#### **Disaster Management Workshop**

A two day Workshop on disaster management Was conducted on 19 & 20<sup>th</sup> December 2017 under the scheme of SPPU. Mr. Nilesh Karmarkar, Fire Officer Tata Motors Ltd., talked about Fire prevention and extinction methods. He demonstrated how to check the working condition of fire extinguisher & operate when need arises. He demonstrated Rescue techniques & methods with the help of student volunteers.

### Painting By Ar. Sudhir Deshpande, Faculty



### Sketching By Ar. Sudhir Deshpande, Faculty



### **CO-CURRICULAR**



#### Vitra Design Campus

#### Prof. Kalpana Hadap, Faculty

Architect Philip Johnson once wrote: "Not since the Weissenhofsiedlung in Stuttgart in 1927 has there been a gathering in a single place of a group of buildings designed by the most distinguished architects in the Western world."

From 1981 onwards, with the vision of the entrepreneur and collector, Rolf Fehlbaum, created a Campus in Weil amRheinnear Basel, surrounded by residential areas and natural landscape in the borders of Switzerland, Germany and France, as commitment to experimentation and demonstration of design excellence.

May 2017, I was fortunate to pay a visit to Vitra Architecture/Design Campus and experience a place totally dedicated to contemporary architecture, furniture design, product design by world renowned architects, designers and visionaries. Iconic and classic works we have studied in architecture school and admired in books throughout the years. It was indeed an eye opener to see this place and be lost in a different almost ethereal world of design.

This amazing campus is an exhibition itself consists of various buildings designed by Frank Gehry- Vitra Design Museum, Vitra Design Museum Gallery ,Museum Gate and Factory building, ZahaHadid – Fire Station, Swiss Jacques Herzog and Pierre de Meuron – Vitrahaus, Tadao Ando – Conference Hall, Nicholas Grimshaw – Factory buildings,Alvaro Siza – Factory Building, Buckminster Fuller/ T.C Howard- Dome, Renzo Piano – Diogene, SANAA – Factory building and Carsten Holler - Vitra Slide Tower.

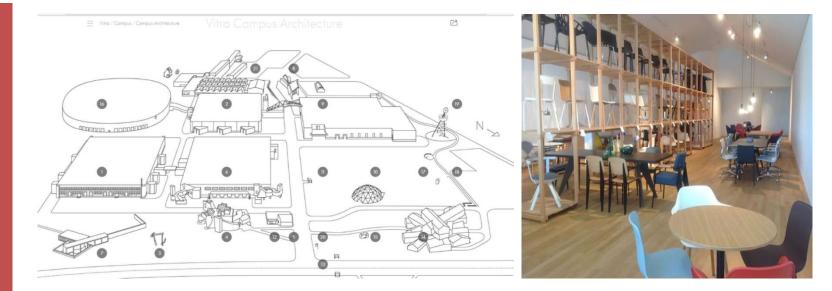


ZahaHadid – Fire Station 1993Jacques Herzog and Pierre de Meuron – Vitrahaus2010, VernerPantone chairs (photographs taken by the author)

- Factory Buildings Nicholas Grimshaw, 1981 / 1983
- Factory Buildings Nicholas Grimshaw, 1981 / 1983
- Balancing Tools Claes Oldenburg & Coosje van Bruggen, 1984
- Vitra Design Museum Frank Gehry, 1989
- 5. Vitra Design Museum Gate Frank Gehry, 1989
- Factory Building Frank Gehry, 1989
- Conference Pavilion Tadao Ando, 1993

- Fire Station Zaha Hadid, 1993
- Factory Building Álvaro Siza, 1994
- Dome after Richard Buckminster Fuller, 1975 / 2000
- 11. Petrol Station Jean Prouvé, ca. 1953 / 2003
- Vitra Design Museum Gallery Frank Gehry, 2003
- 13. Bus Stop Jasper Morrison, 2006
- 14. VitraHaus Herzog & de Meuron, 2010

- 15. Airstream Kiosk 1968 / 2011
- 16. Factory Building SANAA, 2012
- 17. Diogene Renzo Piano, 2013
- Álvaro-Siza-Promenade Álvaro-Siza, 2014
- 19. Vitra Slide Tower Carsten Höller, 2014
- 20. Bell, from: 24 Stops Tobias Rehberger, 2015 / 2016
- 21. Vitra Schaudepot Herzog & de Meuron, 2016



The Vitra Home Collection in VitraHaus is a vast collection of furniture and product design from the twentieth century, a permanent exhibition of modern furniture design from 1800 to the present. The spaces depicting living rooms, office spaces have an arrangement of interior spaces as a collage, a mix of old and new, classic and contemporary. Icons of Classical Modernism by Le Corbusier, Alvar Aalto and GerritRietveld, Bauhaus, Post war design from Scandinavia and Italy, American designers like Charles and Ray Eames and Isamu Noguchi, The 1960s and 1970s Radical Design, experimental plastic objects from the Pop era, modular furniture, and new office concepts. They have become classics – a term applied by Vitra to designs from another era that are still in production today and continue to move and inspire us. Postmodern design and present day Contemporary design, Computer aided design, DIY and Sustainable Design and recent designs produced with a 3D printer.

Collection of iconic chairs The Eames Lounge chair by Herman Miller in a living room setting



An Office Interior, Frank Gehry's Vitra Design Museum Visible Through The Window.



Photographs by

Prof. Kalpana Hadap, Faculty.

#### AN ODE TO THE DANCE OF LIFE. Smit Badiani, B. Arch. V-A

Don't dance in a haste. Time is short. The music won't go on forever. Listen to the rains fall on the ground, Tap your feet to the music of crickets in the night. Listen to kids blabber on a merry go round, And gaze into the sun fading at night. You better listen to all, you better dance gracefully.

Don't dance in a haste. Time is short. Be curious and ask questions. Listen to the answers carefully and remember them for lifetime. Go for a walk with your dog, and look at him play in a park. When you worry and hurry through your day, It is like an unopened gift...thrown away.

Dance is not a race. Let the audience around you settle down. Let the curtains of your life rise. Let there be sunshine as a lime light just on you. Grab each moment and listen to the music of your surroundings. You better listen to all, you better dance gracefully.

#### The story of Knossos, Crete in Greece

#### Dr. Banani Banerjee, Principal

Greece, the cradle of western civilisation is confronting a wide range of practical challenges today and no more compared with its prosperous European counterparts. It had once the glorious days with full of vigour, valour, events, wisdom, all associated with the aura of great mythology. The country has an official name as Hellenic Republic, covers mainland and 6000 islands on Mediterranean, Aegean and Ionian seas out of which 227 islands are inhabited. The largest of the islands is Crete, the setting of the early Greek civilisation which is studied in history of architecture, not much explored in recent literature, haunted me over a long period to explore its past glory and current culture.

Aegean architecture of Bronze Age civilisation was flourished initially on the Mediterranean island Crete (3000-1200 B.C.) & after the island civilization destroyed the development shifted to Greece mainland Mycenae (1800-1100 B.C.). The island is located in a strategic location, almost in the centre of Mediterranean Sea that connects three continents: Asia, Europe & Africa. The people were partly Asiatic in origin (Ionian race), mainly traders, traded to mainland Greece, Asia Minor, Egypt etc. through sea.

Crete covers an area of 684 Sq.Km. of mountainous terrain with olive and grape cultivation and vast barren land of rocky sand and lime stone, surrounded by many beaches, is inhabited by 1.4 million (2011) and Heraklion is the Capital. In Greek mythology, Zeus is considered as the chief god, father of the gods and man, was born in Crete and was hidden by his mother Rhea in a cave on Mount Ida in Crete, the highest mountain in the island could be seen as snow cladded even in summer.

Sir Arthur Evans, an English archeologist, excavated Knossos palace in 1900 CE, 8 Km from Heraklion. The ruin of Knossos palace spanned in five acres of land and had a maze-like plan that reminded Evans of the labyrinth described in Greek mythology. Evans' restoration of the 3000 year old palace was focused to discover the mythological link; the story of the legendary mythological king Minos, the son of the god Zeus and Europa. He had a son named Minotaur, a half-bull and half-man, who was hidden by him at the center of the maze in his labyrinth palace at Knossos. Minotaur was killed by the Athenian

prince Theseus and escaped by the same route as he entered by unrolling thread from a ball of thread, which was given to him by the princess of Knossos, Ariadne. There is an association of bull with Minoan civilization, as numerous panels of wall paining in the palace are depicting bull, indicates that the Minoans probably did indeed worship the bull.

He inferred from the evidences found in the site; like two types of scripts of exclusive writing systems, which he named as Linear A and Linear B, a wide range of pottery, numerous wall paintings, and artefacts. Furthermore, the plan of the palace was made by the English archaeological illustrator and architect Piet de Jong in 1922-30, with the help of artists and architects for the Archaeological school of studies at Athens 'British School of Athens'.

Piet de Jong documented and reconstructed archaeological evidences accurately like pottery, frescos, figurines, artefacts, and architecture. Trained as an architect, he brought a scientific clarity and architectural sensibility to his work while interpreting in plan from the ruins of no clues. He designed and directed artists and architects for most of the architectural reconstruction work, mainly, the Queen's Megaron and Throne Room. His illustrations of watercolour reproduction of fresco paintings, object drawings and plates for the material excavated with pencil and ink are valued immensely in the interpretation of the archaeological remains. Piet worked with hundreds of plaster fragments that once formed the astonishing wall decoration for reconstruction of the "dolphin fresco" at Knossos, succeeded with a very small number of fresco fragments.

Evans and Piets were no mere the archaeologist and the architect; rather storytellers, transforming a ruin to come alive, as one experiences.

#### **COLLEGE LIFE.....**

Jaisal Sanghvi, B. Arch. V-A

Taking a walk, down memory lane, Reflections play before my eyes, Some joyous, some painful, Many lows and many highs.

I look back at the days of college, Those wondrous hours on the ground, The time spent playing the fool, In my golden memories, those years are bound.

The bonds of friendship that were forged, Of kindness, were those lessons learnt, Are special treasures from the past, Unbroken and Unburnt....

Inevitably, life will take us apart, Like a whole, split into parts, Some will chase the dreams of others, While a few will follow of their hearts.

> In this cut throat world, Few are of my kind, It hurts to look back now, At the path I've left behind.

I will never till my memory stay, Forget my college life, But as someone has said, "Fragments of life is what life is made of" ...

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#### **ARCHITECTURAL QUIZ**

Amar Agarwal, B. Arch. V-A

- 1. The Architect of which building is said to have been inspired to create this masterpiece by simple act of peeling an orange? Name building& architect?
- 2. Which tree has the botanical name tectonagrandis?
- 3. Name the first architect who win the Pritzker prize?
- 4. Name the architect who designed "gateway of India" Mumbai?
- 14) Adrian smith Which famous architect's studio was called The Rookery? 5. nalluO nabroð (El 12) Lithography Which Indian Temple is known as "Black Pagoda"? 6. 11) Charles correa Petronas twin tower is designed by? usevuon mA (01 7. 9) Le Corbusier The stone fencing railing in sanchistupa known as? 8. 8) Уедіка 7) Cesar pelli Who quoted: " a house is a machine to live in it "? 9. Konark, əlqmət nuZ (ð Which style of architecture is also known as "noodle styles of architecture"? 10. របឱ្យរាស 5) Frank Iloyad Author of "New Landscape"? 11. 4) George Witted nond dilid (E Art of drawing and painting on stone is known as ? 12. 2) Teak The concept of serial vision coined by? lorn∪tzon 13. 'əsnoy.ado Name the architect who designed Bhurj Khalifa? 14. Voney (1 **VNSWERS** 15. IIFM, Bhopal is designed by?

#### **ARCHITECTURAL CROSSWORD**

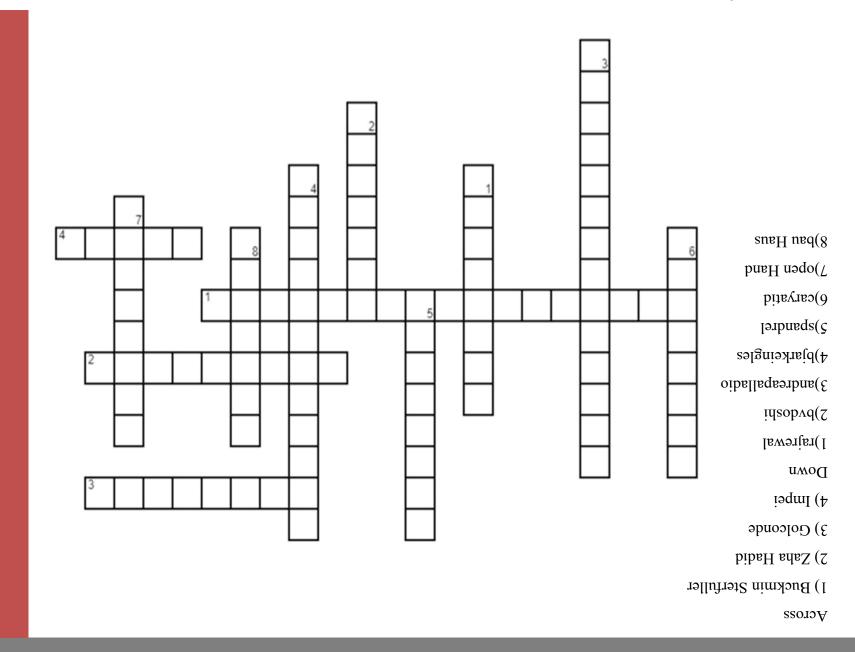
Amar Agarwal, B. Arch. V-A

#### ACROSS

- 1. Name the person considered to be the proponent of the geodesic dome
- 2. HeydarAliyev is designed by?
- 3. First reinforced concrete building in India?
- 4. Glass pyramid of louvre is designed by?

#### DOWN

- 1. Hall of nation is designed by?
- 2. First Indian architect to win Pritzker prize?
- 3. "Four books of architecture" author?
- 4. Yes, is More" is quoted by?
- 5. Space between two arches is known as?
- 6. A stone carving of a draped female figure, used as a pillar to support the entablature of a Greek or Greek-style building is known as?
- 7. Open to receive the created riches, open to distribute them to its people and others" This is how my designer, Corbusier described me?
- 8. "The final goal of all artistic is architecture" name the movement?



53

Abhivyakti 2017-18

# EXTRA-CURRICULAR CULTURAL



KARANDAK OF STES, 2016-17

Duet song Competition

SINHGAD KARANDAK 22nd April - singing



KARANDAK OF STES, 2016-17

#### Fashion Show Competition





### KARANDAK OF STES, 2016-17

First Runner-up – Solo Dance competition



SPORTS KARANDAK OF STES, 2017-18

Chess (Girls) runner up

Ayushi Paldival, TY B. Arch



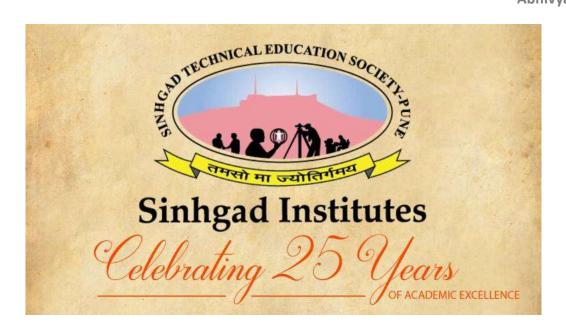
# SPORTS KARANDAK OF STES, 2017-18 Participation: Girls' Volley ball



### SPORTS KARANDAK OF STES,

2017-18

Participation: Boys' cricket



#### Silver Jubilee Celebration of STES (2017-2018) at Sinhgad College of Architecture

Sinhgad Technical education Society has successfully completed 25 years of their existence in the education domain with the motto of academic excellence. As part of year long celebration of the Silver Jubilee, Sinhgad college of Architecture conducted a series of various programmes starting from August 2017. The program was coordinated by Dr. Vaishali Latkar and Prof. Priti Dhanwat, faculty of SCOA.

#### **Event1 - Lecture Series and Felicitation of Students**

The celebration was commenced on **12 August 2017** with a lecture series to celebrate the foundation day of the institute which was inaugurated by the Principal, Dr. Banani Banerjee. Ar. Mugdha Kulkarni, graduated M. Arch. from the same institute achieving top rank and joined as a faculty, presented her work on Conservation Proposal for Ahilyabai Holkar Wada, near Nashik: Rangmahal, Chandwad. The presentation was well-composed with her extensive research, documentation and Final integration of the design proposal. Three students of Division B, who won the first prize of design competition held by Everest cement company, also presented their award winning proposal. The presentation was followed by felicitation of all these students.



#### **Event 2 – FUN ACTIVIES WEEK**

A Celebration week was planned from 21<sup>st</sup> to 24<sup>th</sup> August, 2017 by all colleges in the campus to commemorate the silver jubilee of STES. A number of **FUN ACTIVIES** of extra -curricular and co-curricular events were planned daily during the week as Photo booth, fun games ,T- shirt painting and Sports. The activities were scheduled within 2:00 to 5:00 p.m., so that all the students of the campus would be able to participate after regular classes without any hindrance to their academic schedules.



#### **Event 3 – T-Shirt Painting Workshop**

The students of first year across all divisions participated in a T- Shirt painting workshop as part of induction program on 5<sup>th</sup> September 2017. The workshop intended to bring forth the understanding of socially relevant issues across the globe and an expression to present them to the larger part of the society to create awareness regarding the same. Three designs were selected for their unique creative expressions and declared as three top ranks. The students were later rewarded for the same. Later, student marched inside the campus wearing painted T-shirts with placard making a human chain, to convey various social messages.



#### **Event 4- Sketching Competition**

A sketching competition titled 'Framing Places' was organized on 6<sup>th</sup> October 2017, to capture the essence of historic environments in the city of Pune which is gifted with multiple dimensions. The participanting students were taken to Mandai and Tulshi Baug area of older part of Pune City, accompanied by the faculty coordinators. They observed the structures and activities in the surrounding area, students made sketches of those selecting their own locations. The students enjoyed the activity and a few also came up with beautiful Tag lines.

#### **Event 5- Origami Workshop**

An origami workshop was organized for students just before the onset of Diwali vacations. on 10<sup>th</sup> October 2017. Ar.Ashwini Shitole and Ar. Devika Yadgikar, faculty of SCOA, conducted the workshop for a batch of 40 students across the college. They initiated it with a presentation explaining the basics followed by demonstration and explanation within the studio. The workshop was thoroughly enjoyed by the students and the outcomes of the workshop were variety of Diwali lights of varying shapes colors and forms.



#### Event 7 - Disaster management Workshop for heritage structure

The Disaster management Workshop was conducted by Dr. Rohit Jigyasu (ICOMOS), an expert in the field of disaster mitigation for heritage structures on 3<sup>rd</sup> November 2017. The morning session was commenced by a presentation on the aftereffects of disasters particularly to built and cultural heritage and the mitigation devices adopted to tackle critical situations. The post lunch session focused upon a live case study within the context of Pune city. The participants were taken to a heritage structure of Pune; Nana Wada, where groups were formed asked to formulate a disaster management plan for the same after careful observations and study . The students later assembled in the college premises to present their plans which received expert comments from Dr. Rohit Jigyasu

# Event 8 – Lecture of Dr. Manish Chalana: An architect from USA

Dr. Manish delivered a wonderful lecture on **20th December 2017 on** 'Rethinking Sustainability to transform Design and planning practices'. He presented the case study of Seattle in US wherein he discussed the present situations, issues and concerns. The integration of sustainability from planning execution to the detailing of the built was highlights of his presentation. He also spoke of the socio-economic status of the region and how global decisions affect the planning tools and mechanisms across the world. He summed up his lecture taking in to consideration the proximity of workplaces, quality of life indicators and comfortable built environments through sustainable decisions can make a city livable and improvise on the quality of life of the citizens.







#### Event 9 – A workshop on Heritage and Sustainable city

A day-long workshop was arranged in collaboration with INTACH on 23<sup>rd</sup> January 2018 with the intention of providing training to the volunteers for Heritage and sustainable city to sensitize individuals to the comprehensive role of heritage within the city of Pune and to inculcate efforts to achieve sustainable development through participatory process. The experts were from various fields: Ms Shiva Rawat, a conservation expert, Mr Sharveya Dhongade and Dr. Chetan Sahastrabuddhe, both conservation architects, Mr. Bal Kulkarni, an engineer, Mr Sujit Patwardhan, an environmentalist and Mr. Shyam Dhavale, former chief of conservation department of PMC. The participants were students of the campus from varied streams such as Engineering, Architecture, Management and law. The experts addressed to common recurrent issues in city development to quality of urban life. Also the experts discussed the avenues of approaches for sustainable development and measures adopted in various cases. Diverse disciplines of participants brought in a better participation and dialogue. The program was coordinated by Dr. Vaishali Latkar and Prof. Priti Dhanwat, faculty of SCOA.



### **CONVOCATION 2018**

The convocation ceremony of SCOA for the students graduated in 2016-17 was celebrated on 23<sup>rd</sup> March 2018 a the Multipurpose hall of the college. The function was graced by senior and very respectable architect and teacher Ar. Jayant Sathe as the chief guest. The ceremony was conducted as per the directives of SPPU. It was commenced with the procession of the chief guest, CEO (Chief Examination Officer) of SCOA, principal, faculty, staff and graduates. Ar. Jayant Sathe is practicing for more than 45 years in Pune,

The ceremony at the venue started with lighting lamp by the chief guest, the Vidyapith song, followed by welcome address of the principal and speechof the chief guest. B. Arch. Degree certificates of SPPU were distributed to all the Graduates at the hands of the chief guest. The program was ended with vote of thanks by the CEO and national anthem. Arrangements for refreshment for all were made at the venue.



### Send-off event for passing out B. Arch. Batch of 2017-18

A lively send-off party was arranged by the Fourth Year B. Arch. for bidding adieu to the Batch of 2017 on 6<sup>th</sup> of April in the college Multipurpose hall.





Send-off event for passing out M. Arch. Batch of 2017-18

Abhivyakti 2017-18

### FACULTY B. ARCH.



### FIRST YEAR

#### **B. ARCH 2017-18**



### **DIVISION-A**

### **DIVISION-B**

Abhivyakti 2017-18



### **DIVISION-C**

**DIVISION-D** 

### **SECOND YEAR**

### B. ARCH 2017-18



### **DIVISION-A**

### **DIVISION-B**

Abhivyakti 2017-18



### **DIVISION-C**

**DIVISION-D** 

### THIRD YEAR

### B. ARCH 2017-18



### **DIVISION-A**

**DIVISION-B** 

Abhivyakti 2017-18



## **DIVISION-C**

**DIVISION-D** 

# FOURTH YEAR

#### B. ARCH 2017-18



### **DIVISION-A**

**DIVISION-B** 



### **DIVISION-C**

**DIVISION-D** 

# FINAL YEAR B. ARCH 2017-18



### **DIVISION-A**

**DIVISION-B** 

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### **DIVISION-C**

**DIVISION-D** 

#### M. ARCH. (COMPUTER APPLICATIONS)

#### **FIRST YEAR 2017-18**



### M. ARCH. (ARCHITECTURAL CONSERVATION)

#### **FIRST YEAR 2017-18**





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Library staff

#### SINHGAD TECHNICAL EDUCATION SOCIETY

"Architecture should speak of its time and place but yearn for timelessness."

#### Frank Gehry



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