



# HOLY CRESCENT COLLEGE OF ARCHITECTURE

Approved by Council of Architecture and affiliated to MG University

Institutional Affiliation to the Indian Institute of Architects

Member of the Indian Green Building Council



## **B.Arch** **PROSPECTUS**



# WELCOME TO HCCA

## Preface

Holy Crescent College of Architecture (HCCA), Alwaye, Cochin was established in 2011, and it is the first Architecture College in Cochin to be approved by the Council of Architecture, Delhi (COA). The institute offers five-year B.Arch degree course affiliated to the Mahatma Gandhi University, Kottayam and has a total intake of 40 students per year. The Institute is affiliated to The Indian Institute of Architects and is an institutional member of the Indian Green Building Council, India.

Holy Crescent College of Architecture is nestled in a serene and picturesque "Green Campus" away from the hustle and bustle of the city at South Vazhakulam, Aluva in Ernakulam. HCCA is committed to shaping the future generation of Architects.

## Vision

Moulding a future generation of Architects of the country who can live upto the expectations of the nation and the world.

## Mission

When we are constantly faced with challenges with respect to habitable space and sustainability, we strive to contribute our share to the architecture fraternity a set of creative, socially responsible and technically competitive young individuals.



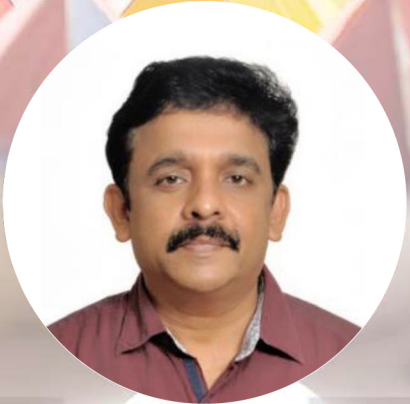
## LIFE AT HCCA







**CHAIRMAN**  
**KHADER MALIPURAM**



**DIRECTOR**  
**AR. M R PRAMOD KUMAR**



**DEAN**  
**AR. KENNY JOY**



**SECRETARY**  
**ADV. MUNEEER MOOPAN**

## CHAIRMAN'S MESSAGE

Holy Crescent college of Architecture heralds a new era in the history of education in Kerala. Set in a rustic background, far from the hustle and bustle of the city, the students will be able to develop their skills in a peaceful environment. In a world that is fast changing, where there is neck-to-neck competition between and within countries is on the rise, we need to step up and send in vibrant professionals who are competent enough to face the stress and strain of the corporate world. Keeping in mind the age-old values that have been passed onto us by our forefathers, we strive to bring out professionals, who can manage businesses with a strong commitment to the public good. We shall strive to be the best our community deserves.

## DEAN'S MESSAGE

While Education, Training, and Research in Architecture are going through a phase of total metamorphism, recognizing and managing shifting paradigms, with the help of the enormous leaps of technology, is the need of the hour. Intense competition and increasing end-use assertiveness force Architects to drastically cut down their response time.

Our vision is to create an Institution par excellence, for imparting quality Architectural education and developing young minds towards developing a much sustainable future.



## INTRODUCTION

- i. The College conducts 5-year degree course in Architecture (B.Arch) as per the syllabus of the Mahatma Gandhi University to which the college is affiliated.
- ii. This prospectus is subject to modification, addition or deletion as may be deemed necessary by the Association and subject to the Judgements of the Honourable Courts of Law.
- iii. The prospectus contains the rules and regulations applicable to the seats to be filled by the college to the Management Quota of the B.Arch Course for the year 2020-2021.
- iv. The fee structure shown in the prospectus is as per the agreement with the government for the academic year 2019-20. This is subject to change.

## COLLEGE AND NUMBER OF SEATS

- i. The Government and the Management Association (ACMA) is in the process of negotiation for seat sharing. The understanding till 2016-17 is that the management may permit the government to fillup 50% of the seats.

## ADMISSION

- i. Course Offered : Bachelor of Architecture ( B.Arch)

## DURATION OF THE COURSE

B.Arch is a five year course consisting of 10 semesters including practical training and Thesis.

## TUTION FEES

The fee is as per the agreement executed with Govt. by the association and Govt. Orders are applicable. The students have to pay the fees at the start of every academic year i.e, on the 1st working day of June every year.





## CRITERIA OF ELIGIBILITY FOR ADMISSION

Admissions are offered only to eligible candidates as per the prevailing University norms and Council of Architecture norms

a) Candidate must be a citizen of India

b) The Candidates who have qualified the Aptitude test is NATA or JEE with pass percentage in 10+2 scheme of examination with PCM or 10+3 Diploma with Mathematics shall be eligible for admission to B.Arch. course for the academic session 2020-21.

c) Age: Applicant should have completed 17 years of age.

Copy of relevant page of school record namely SSLC/CBSE/ICSE Certificate showing the date of birth/copy of the birth certificate from the appropriate authority should be furnished along with the application attested by Gazetted Officer/ Head of the Institution where the student had studied.

## HOW TO APPLY

Application forms from the college website can be duly filled and submitted to the college office along with Rs.1000/- (One Thousand only). Applications submitted to the college should be complete in all respects.

Applications not accompanied by documents in proof of claims made therein will be summarily rejected without further intimation. Documents/certificates furnished after submission of the application will not be entertained under any circumstances. Also, no opportunity will be given to incorporate any details or documents after the submission of the application.

List of copies of following certificate /documents attested by the Gazetted Officer/ Head of the Institution where the student had studied to be submitted with the application.

The College is a member of Architecture College Management Association (ACMA).





## ORIGINAL CERTIFICATES TO BE PRODUCED

1. 12th /10th certificate for proof of date of birth
2. NATA Score Card
3. Marklist of qualifying examination
4. Migration certificate/Equivalency certificate in case of students from other universities /Boards.
5. Caste Certificate (if applicable)
6. Candidates should enclose a self-addressed envelope (25x12 cm size) with Indian postage stamp sufficient for sending the Selection Memo by Registered post with a set of application forms.
7. Course/Conduct Certificate
8. Physical fitness certificate (in the format given by CEE)
9. Income certificate (if applicable)
10. Passport size photographs (4 nos) and stamp size ( 1no.)
11. Original cash receipt from Bank (for merit quota students only).

## RANK LIST

1. Rank list for admission to B.Arch course will be prepared by giving equal weightage to the score obtained in the National Aptitude Test in Architecture (NATA) and to the marks/grades obtained in the qualifying Examination by the candidate. Marks obtained by the candidate in the National Aptitude Test in Architecture (NATA) out of 200 will be added to the total marks secured by the candidate in the qualifying examination computed out of 200. The Rank list will be prepared based on the total marks obtained out of 400.
2. Admission will be made by the college based on the applications received in the college. The rank list will be published.
3. In case of a tie in the total marks, the marks in NATA examination will be counted.
4. Furnishing false information would result in the forfeiture of the candidate.





## FEE STRUCTURE

The selected candidates shall take admission at the scheduled time and date in the college after paying the tuition fee and other fees. The fee is as per the agreement executed with Govt. by the Association and the Govt. Order in this regard will be applicable. The total fee to be paid is as follows.

No	Description	Management (50%) seats	Govt.seats	
			General (25%)	Lower Income
1	Tuition Fees	1,37,500	55,000	55,000
2	Special Fees	40,000	25,000	NIL
3	Interest Free Deposit	1,75,000	NIL	NIL

## ADMISSION PROCEDURE

- Originals of all certificates/documents enclosed along with the application should be submitted at the time of admission to the College.
- The candidate shall remit full fees at the time of admission.
- The original Physical fitness certificate, conduct certificate, and transfer certificate should be submitted at the time of admission to the college.

## DISCONTINUATION OF THE COURSE

If any candidate discontinues the course after the closing of admissions, the candidate has to pay liquidated damages to the tune of the full fee of the course. The student shall claim for the transfer certificate and other certificates only after clearing all the dues.

## RAGGING IS PROHIBITED

Ragging or any type of nefarious misconduct that jeopardize the tranquil educational climate in the college campus or outside will be deemed a noxious menace and attended to with severe punitive measures. The incident of ragging will be strictly dealt as per the prevailing CoA /Government / University Regulations.







Note :

- a) The prospectus and application form can be obtained from the office of the college. Application for Admission duly filled can be submitted along with the other documents.
- b) The duly filled applications along with the attested copies of necessary documents should be submitted directly or by registered post.

## THE PEDAGOGY

At HCCA, Pedagogy is not just our profession, it's our passion. The college aspires for excellence and it is this which galvanizes our teachers to run that extra mile in order to attain all-around academic excellence and utilize it towards improving effectiveness and competitiveness in the industry at large.

HCCA provides new theoretical frameworks that reassess, refines and occasionally redefines the current architectural practice and thinking.

Our teachers who, help to create a platform for brilliant minds to work towards achieving world-class excellence.

We are also firm believers that our Architectural Educational cannot be limited to the four walls. Frequent Workshops, talks by eminent professionals are held.





# FACILITIES



**LIBRARY**



**CANTEEN**



**BD STUDIO MODEL MAKING AREA**



**STAFFROOM**



**CLASSROOM**

1. Classrooms-There is an academic block equipped with modern and spacious classrooms, with overhead LCD projectors.
2. Studios-There are 4 studios designed and furnished to the highest degree of conduciveness catering student activities.
3. Library-Well maintained library with over 1000 books, magazines, and international publications.it has self-contained reading facilities.
- 4.Conference hall
- 5.Hostels- both boys and girls hostel facilities are available. They are located close to the city
6. Canteen-A bamboo hut was created as part of a bamboo workshop held by Inspiration Kochi.
- 7.Computer Lab- A well equipped, Computer Lab networked with a number of workstations supported by around 30 computers, loaded with latest design softwares which includes AutoCad, Revit, Photoshop, etc. The entire college campus is wifi enabled.
8. Transportation-there are bus services provided to and fro from the hostels and the city to the college.
- 9.Climatology Lab- A Climatology workshop is under construction.it consists of a heliodon.
10. Survey Lab-Equipments are showcased for the students.
11. Plumbing Lab-Equipments are showcased for the students.
- 12.Wifi Campus: The students can access internet facilities throughout the day for their use.
- 13.Online Information System: Parents can have access to their ward's regular performance ie daily attendance, Evaluation results, etc.
- 14.Playground: There is a playground where basketball, badminton, etc can be played.



# COURSE CURRICULUM

## First & Second Semester

1. Architectural Design-I
2. Building Materials and Construction-I
3. History of Architecture-I
4. Structural Design-I
5. Basic Design
6. Visual Art
7. Architectural Graphics
8. Principles of Traditional Architecture
9. Workshop Practice
10. Mathematics

## Third Semester

1. Architectural Design-II
  2. Building Materials and Construction-II
  3. History of Architecture-II
  4. Structural Design-II
  5. Computer Application in Architecture-I
  6. Climatology
  7. Surveying and Leveling
- Documentation of Traditional Buildings

## Fourth Semester

1. Architectural Design-III
2. Building Materials and Construction-III
3. History of Architecture-III
4. Structural Design-III

5. Computer Application in Architecture-II
6. Landscape Architecture
7. Building Services-I(Plumbing, Water Supply & Fire Fighting)
8. Human Settlements & Study of Sociology, Economics & Culture

## Fifth Semester

1. Architectural Design-IV
2. Town Planning
3. History of Architecture-IV
4. Structural Design-IV
5. Interior Design
6. Architectural Acoustics
7. Building Services-II(HVAC, Lighting & Ventilation)
8. Estimating, Costing & Specification

## Sixth Semester

1. Architectural Design-V
2. Working Drawing & Details
3. Building Byelaws, Code of Conduct & Professional Practice
4. Construction Technology & Project Management
5. Urban Design

6. Elective-I(Cost effective technology/Modular Construction)
7. Elective-II(Architectural Photography/Graphic Design in Architecture)
8. Structural Design

## Seventh & Eighth Semester

1. Practical Training
2. Dissertation

## Ninth Semester

1. Architectural Design- VI
2. Design for Disaster Mitigation & Management
3. Sustainable Architecture ( Environmental Design)
4. Architectural Conservation
5. Research Methodology
6. Housing
7. Elective-III/IV
5. Computer Application in Architecture-II
6. Landscape Architecture
7. Building Services-I(Plumbing, Water Supply & Fire Fighting)
8. Human Settlements & Study of Sociology, Economics & Culture

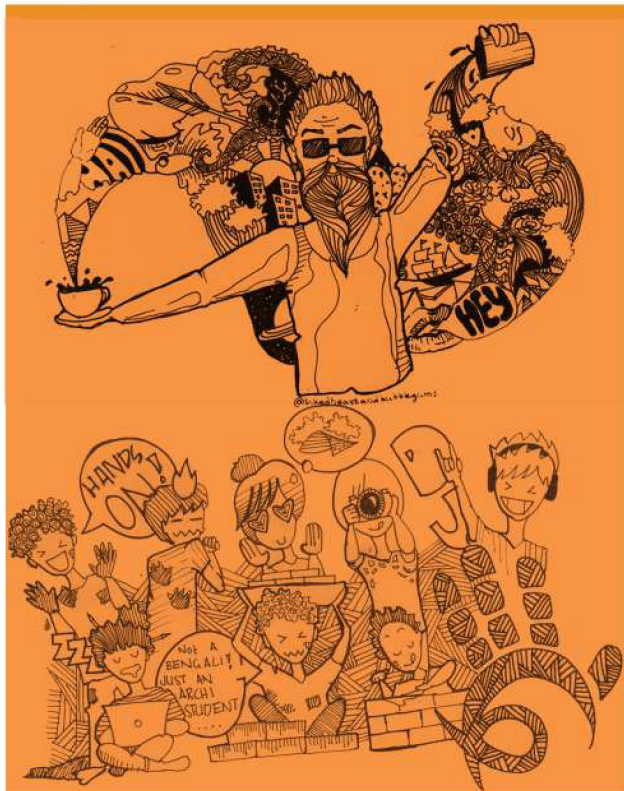
## Tenth Semester

1. Thesis and Viva Voce





# CAREER PROSPECTS



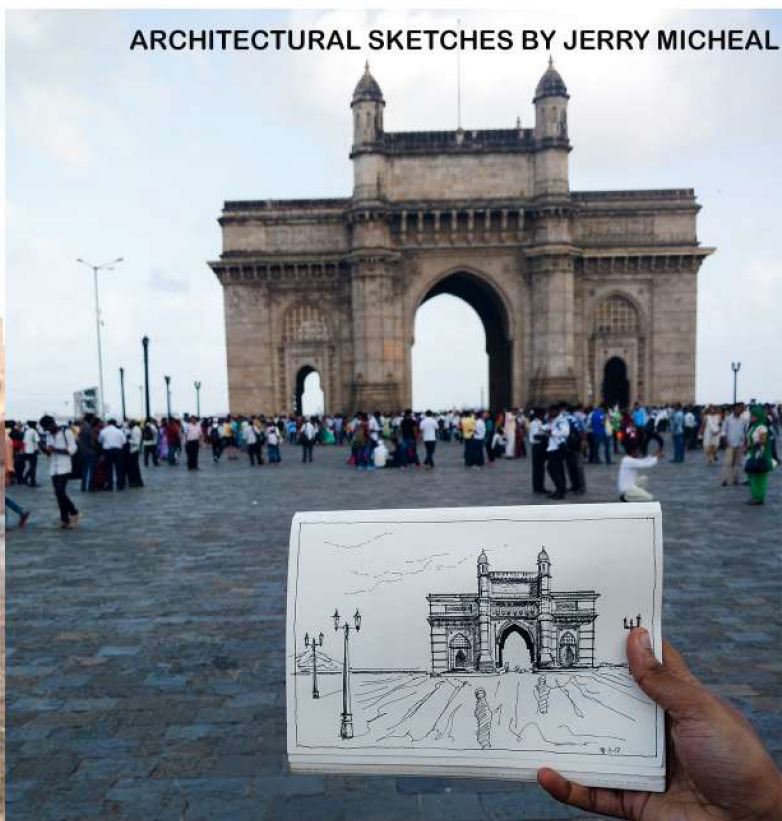
**ARTISTIC DOODLES BY FEMINA MAJEED**

Unlike many other professional courses, this programme, as well as the profession, gives the opportunity for self-employment of the individual. Architects with some experience can even set up their own business as a design consultancy firm or other related services.

Architecture students across the globe divert after the undergraduate programme into other specializations like Interior Design, Landscape Design, Urban Design, Town Planning, Graphic Design, Product Design, thereby opening up the job prospects of an architecture student to a much broader industry base. Masters in various specializations also provide them an opportunity to access well-paid academician posts in the numerous architecture colleges sprouting up in the state as well as the country.

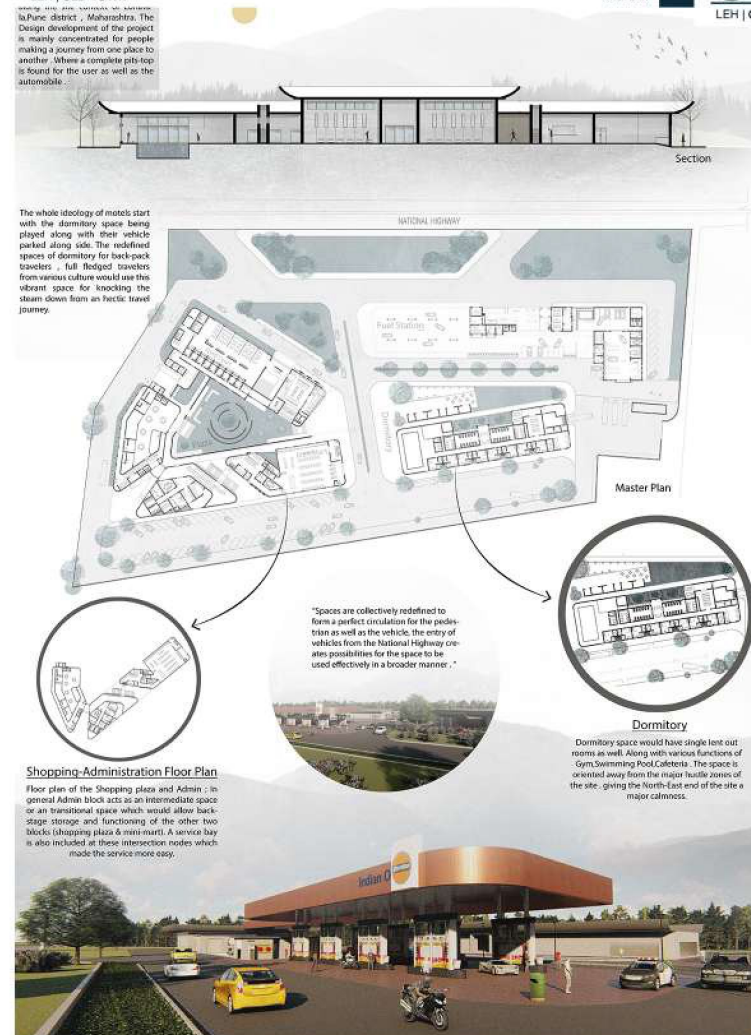
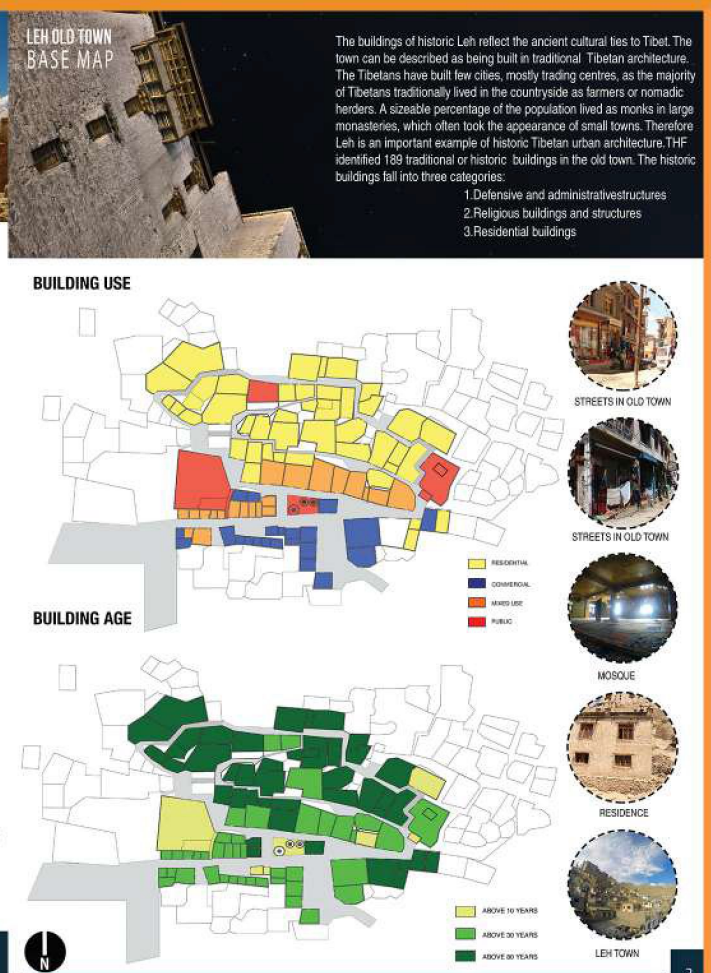
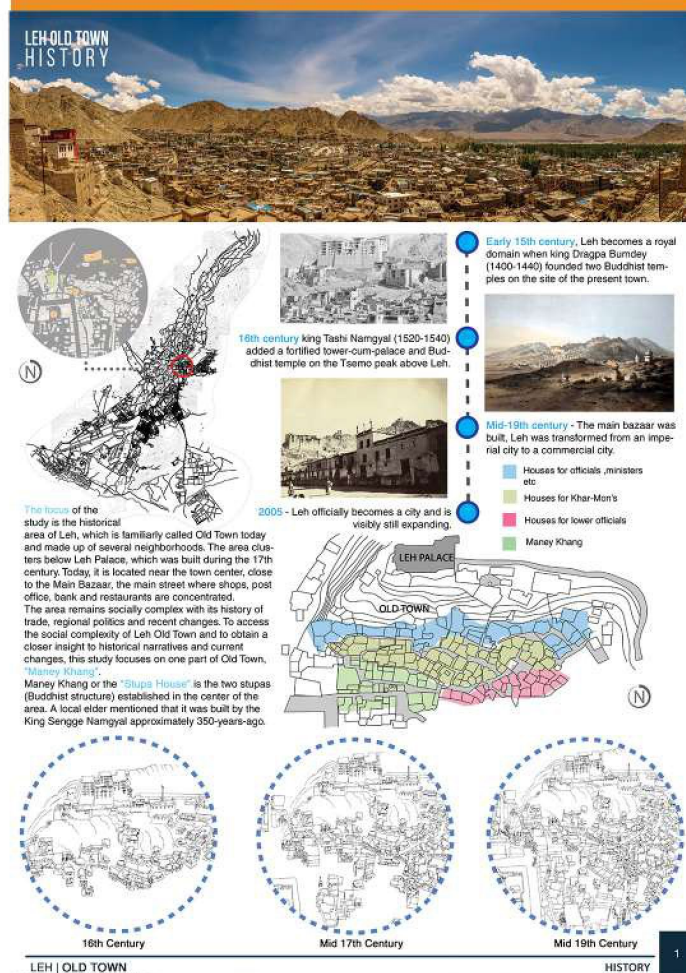
Substantial increase in investment in the construction sector has been recorded year after year. As far as architects are concerned, there is a huge gap in demand and supply. The annual requirement of architects, stand over 100,000 which is expected to rise further and training facilities available, still fall short. All these factors contribute to making this field competitive with healthy career prospects.

Employment opportunities for architects are available in the government as well as the private sector. The Government organizations include the Public Work Departments, The Archaeological Department, Ministry of Defence, Department of Railway, Housing Boards. Local bodies responsible for construction work also recruit Architects. Architects also work with research agencies as well as a non-governmental organization dealing with built slum rehabilitation, building science research, urban research openings in the private sector exist with the builders, Architecture Firms, Consultants, etc.



**ARCHITECTURAL SKETCHES BY JERRY MICHEAL**



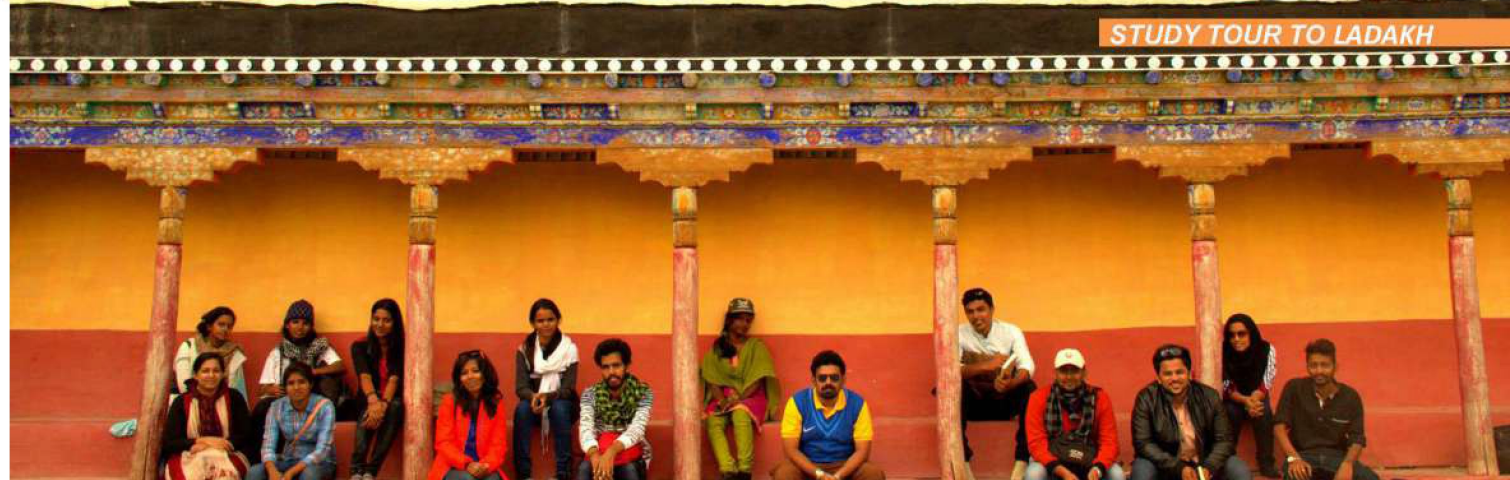




# STUDY TOURS



STUDY TOUR TO SIKKIM



STUDY TOUR TO LADAKH



STUDY TOUR TO BHUTAN





## CONTACT US

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