

CEPT University

2015

UNDER GRADUATE AND POST GRADUATE PLACEMENT



CEPT University is the only university in India which has UG and PG programs in the built environment disciplines. These programs focus on understanding, designing, planning, constructing and managing built environment.

CAS (Career and Alumni Services), an in house cell carried out in depth reviews with graduating students to give the best possible career advice to UG and PG graduates. The result was a big change in the overall attitude towards job as a career development in initial years. As a result CEPT University has encompassed an ethos of apprenticeship placement rather than just placement.

Graduating students were taken through the placement process and they were given an in depth insight of the importance of career development in the initial year of their working life.

They were also made to take part in a workshop and had a role playing exercise in real life work scenario. This gave them a better understanding of how one has to adapt in the working environment in different types of firm / organisation / institute.

Our past UG and PG graduates are gainfully employed with national and local governments in India and the world over. With Private architectural, planning, structure/civil engineering and interior design practices. Also with international development agencies, management companies, infrastructure development, real estate and asset management consultancies. In the academic arena they head many world renowned institutes and are sought after by many upcoming institutes in the built environment discipline.

This document will provide an overview and understanding of CEPT University and its UG and PG Programs. You will also be able to view profile, CV & portfolio of the prospective graduate candidates for placement on CAS Placement portal. On request we will issue access ID and Password.

I welcome you to CEPT campus to conduct placement interview or use the information to select the suitable graduate candidate(s) for employment in your firm / organization / institute from our 2015 graduates.

Suresh Patel ARIBA., MITPI.,MAPM., MUDG
Chartered Architect / Planner

Director
Career and Alumni

Bachelor of Architecture

The Undergraduate Program at the Faculty of Architecture is a five year full time course leading to a professional degree in Bachelor of Architecture. The degree is recognized by the Council of Architecture which is a statutory body that awards license to practice as an Architect in India.

The education at the Faculty of Architecture, as also shared by the other constituents of CEPT University, aims at the understanding of contemporary society in the light of its genesis, growth and aspirations. Understanding space, structure, materials and construction with all their potentials and limitations have formed the basis of academics at the school.

The program at the faculty includes the study of Design as a core area of learning with full support from Technology, Arts & Crafts and Humanities. It combines instruction with experimentation, information with enquiry, discussion with research so as to develop learning and deepen understanding. It attempts to train architects who are sensitive to societal needs along with the skills demanded of their profession.



Urban Design

The program in Urban Design at the Faculty of Architecture attempts to mediate between Urban Planning and Architecture, and attempts to establish the study base:

- of components and structural relationships of the Indian city, past and present through research and analysis
- with methods - of tools and techniques by which the existing chaos can be alleviated and coherence and quality established in the urban environment
- through regulations and controls that are sympathetic to the creation of a coherent urban environment
- through design skills - of establishing rich and variant order, that permits individual variations within it, and creates quality of experience in the large and immediate scales of the urban milieu.

Theory and Design

Since the inception of this program in 2007, a few recurring themes, and central to architecture have emerged, inciting interesting debates and generating mixed responses.

This Master of Architecture Program attempts to recognize and address these diverse issues. How does one articulate it? To what extent are the students able to debate divergent ideologies and present their views?

Are these aspects addressed in studio projects? Are attempts made to dovetail theoretical positions and design decisions? There is no decided response to these queries. Efforts and debates for better understanding continue.

Sustainable Architecture

The primary aim of the program is to prepare practicing architects/designers. The secondary aim is to prepare academicians and researchers with a focus on sustainability and architecture who would be able to explore this area in a wider context of architecture and settlements of different scales. Thus, the aim of the curriculum is to learn to design sustainably sensitive architecture in a given context. This aim is to be achieved through four approaches, namely; Design, Theory, Research and Hands-on working.

Master of Landscape Architecture

Equally important to the making of Human Habitat is the knowledge of the relation between natural and manmade systems. The courses in Landscape Architecture aim to create a clear understanding of these relationships, and are vital to the Faculty of Architecture's comprehensive outlook. Master of Landscape Architecture imparts education in Plant and Environmental sciences, Environmental planning, Environmental law, Design theory, Landscape engineering and Project management. This knowledge is explored, tested, and refined in a range of studio projects, which form the core of the program. The program is considered to be the best in the country, on par with leading programs in Landscape Architecture around the world.

Master of Landscape Design

Master of Landscape Design aims to train professionals having background in natural resource studies. The course aims to be a varied mix of landscape design, engineering techniques and planting strategies. A graduate of this course will become a Landscape Designer – demand for whom is high in offices around the country or provide landscape design consultancy independently after sufficient office experience.

Bachelor of Planning

The five year Undergraduate Program in Planning was started in 2011. Students of planning are expected to engage with multiple challenges. They have to be generalist planners with in-depth knowledge in one of the many thematic areas of the discipline. The faculty offers core courses to develop theoretical knowledge on urbanization processes, its challenges, planning approaches, land use planning, politics and governance of development, economics and sociology of urban and rural areas, and environmental issues. The Program imparts skills for strategic planning and decision-making, negotiating conflicts, statistical methods and Geographic Information Systems (GIS). Students are also exposed to the ethics of professional practice, good governance and social justice. In addition, the UG Program also offers students a set of courses in thematic areas such as Housing, Environmental Planning, Infrastructure Planning and Transport Planning, subjects in which they can further specialize at the Master level.

The program is structured to allow students to undertake a full semester each of a professional internship and an independent research thesis, thereby providing an opportunity to apply the knowledge, skills and values gained during the Program in real life situations.

Master of Planning

This is a two year program that will lead to a degree of Master of Planning. It equips students with skills necessary for being effective professional planners and exposes them to the technical, social, political, financial and ethical dimensions of making and implementing plans in the challenging context of contemporary India. This Program has an amalgamation of students and professionals from different backgrounds namely: Architecture, Engineering, Planning and Geography. The program offers the opportunity to, but does not mandate, specializing in and obtaining a Major and/or a Minor in any of the following streams:

Urban and Regional Planning: Through the coursework offered across three semesters, students explore subjects such as quantitative analysis, land-use and transportation planning, micro and regional economics, project appraisal and planning enabling an understanding in the quantitative analysis of planning concerns, this with an interesting cross disciplinary mixture of qualitative understanding of governance, urban management, infrastructure, environment and many other covers the wide array of opportunities that is Urban and Regional Planning. The lab study and field work has been a progressive learning of planning issues and its solutions with varying scales of concerns.

Housing: Housing encompasses policy and program analysis through a detailed understanding of the private and popular initiatives involving built environment and the respective development viewing the public sector's role as a facilitator. The main objective of this course is to make students apt in various aspects of planning for Housing. The course is designed to enable thorough understanding of the facets governing the sector of Housing like Project Planning and Implementation, Housing Market and Finance , Land and Real Estate Planning and Management, Project Appraisal and Feasibility Studies, Planning Law and Legislation and Housing Policies.

Environmental Planning: The main focus of Environmental Planning Program at CEPT is, to internalize the challenges of Environmental management and Societal concerns arising out of urban, industrial, regional and large scale Infrastructure Development Policies, Programs, Plans and Projects in India and South Asia.

Environmental Planners at CEPT are trained, holistically, in diverse aspects of Environmental Science, Social and Environmental Assessment, Environmental Modelling, Economics, Energy, Climate Change and Sustainable Development. All course participants are skilled with Spatial Analysis tools such as GIS, Air quality modelling platforms such as AeroMod, CALINE, Flood Modelling in HEC-RAS/GIS and Soil Water and Hydrology modelling platforms such as SWAT and Regional Climate Models.

Infrastructure Planning: The Master Program in Infrastructure Planning emphasizes an integrated approach to planning and covers a wide range of sub-sectors such as:

- Urban Infrastructure (Water and Sanitation, Urban Transport)
- Energy and Industrial Infrastructure
- Transport (Highways, Railways, Ports and Harbours, Airports)
- Services Infrastructure (Logistics and Supply Chain Management)
- Critical Infrastructure
- Social Infrastructure.

The Program combines technical, management, financial as well as socio-economic aspects of infrastructure development. The focus is on developing students' analytical and critical thinking skills while planning for the sector. The Program is designed and administered with direct and indirect contributions from professionals in government departments, research institutions and private firms.

This specialization prepares professionals for management and leadership positions in government agencies that plan, monitor, regulate, for urban infrastructure projects or services and manage the allocation of resources between the different infrastructure activities, such as departments in the Ministry of Public Works or other allied departments at the central, state or ULB levels; and NGOs and private sector organizations in infrastructure advisory, housing, transportation planning amongst others.

Urban Transport Planning and Management: The Master Program in Urban Transport Planning and Management (UTPM) provides students with a working knowledge of the theory, policy, law, research, principles and practices related to planning and management of urban transport facilities. The teaching curriculum is designed keeping in view recent advances in the field of urban transportation. Students are exposed to live projects, making them aware of challenges faced while working on professional assignments.

The students have an option of choosing lecture courses from a particular specialization domain and 2nd and 3rd semester studio credits from the same specialization domain and become eligible to get a major in the domain. By choosing requisite number of lecture courses in another specialization domain, the student also becomes eligible to get a minor in another domain area. The number of credits required to obtain a major or minor are as per University rules.

A student can also choose not to concentrate their choice of courses in any one specialization domain area. These students are awarded Master of Planning degree, but they do not qualify for a major or minor in any of the above mentioned course areas.

Bachelor of Construction Technology

Its a five year undergraduate B.Tech (Hons.) Program in Civil Construction established in 1982. It is a specialized course with emphasis on imparting practical experience along with theoretical learning to the students through various subjects and trainings.

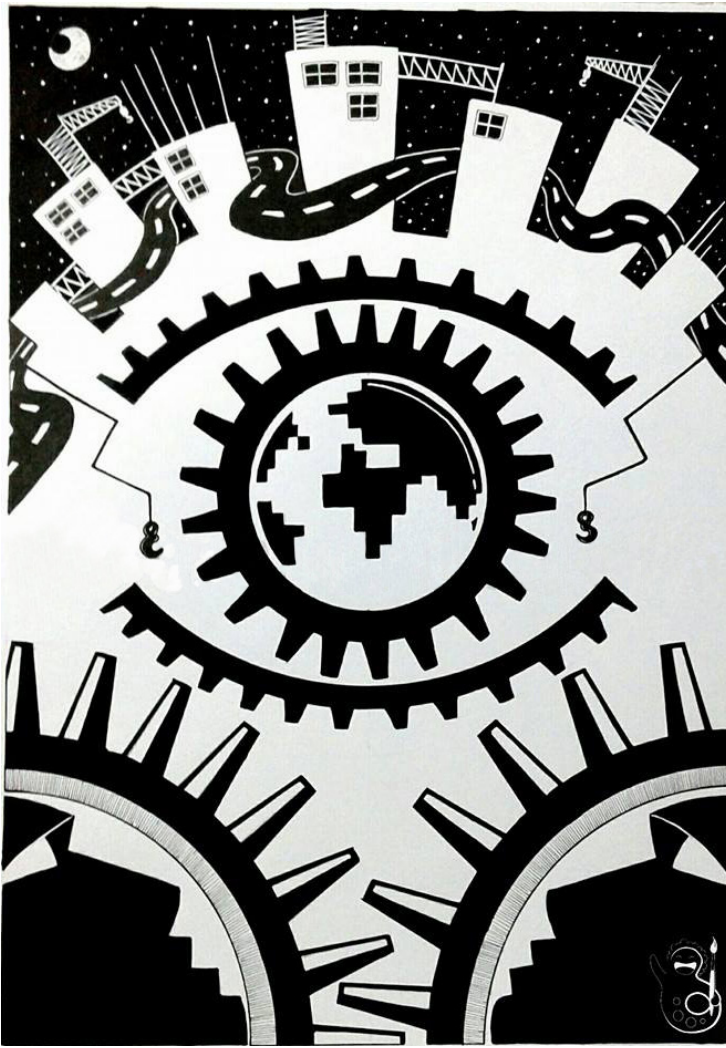
The Course has been structured to provide knowledge of Basic Civil Engineering subjects as well as of complex construction technologies and other areas of construction management. Special emphasis is laid on subjects like Project Management, Construction Technology, Tools - Equipment and Plants, Quantity Surveying and Specification, Design of RCC and Steel structures. There is a lot of involvement in laboratory work like Surveying and Leveling, Engineering Materials, Concrete Technology, Geotechnical Engineering, Structural Engineering, Non-destructive Testing, Hydraulic & Fluid Mechanics, Environmental Engineering. Also, subjects like Self-Development, Communication skills, Professional Practice for engineering is taught so as to understand the intricacy of professional career.

Students undertake training in Material Manufacturing, Material and soil testing. In Office training, student work in a consultant/contractors for four weeks.

The Program provides real experience of the construction environment by placing students on Infrastructure and Building projects for Training for a full semester and also having them work towards a Research thesis for one full semester.

Recognition

Bachelor of Civil-Construction (five year Program) is approved by All India Council of Technical Education (AICTE) and University Grants Commission (UGC).



Master of Technology

The Faculty of Technology offers a two year Program leading to the degree of Master of Technology with a major in one of the following:

Master of Technology in Construction Engineering & Management (CEM)

As a techno-management Program, the course is aimed at carving a niche in construction engineering and management. The Program intends to empower engineers and architects with assets such as project management & related software, quantity surveying, contract management, value engineering among others to develop competent construction managers who can provide impetus to growth and research in the construction industry and to develop resources for the benefit of the Construction Sector.

Master of Technology in Structural Engineering Design (SED)

The Program aims to train a Designer in practical art and philosophy of design, in process of design and decision-making, to conceptualize complex structural problems, understand behaviour of structures and develop appropriate models, to be able to interact competently with the members of the project team and others, to investigate for assessment of damaged structures and to design for strengthening and retrofitting of damaged structures

Master of Technology in Infrastructure Engineering Design (MIED)

The two year Master Program in Infrastructure Engineering Design accentuates an unified approach to concepts of engineering to plan, design, analysis, construction process and management systems of new and upgrade of existing infrastructure. It covers a broad range of sub sectors such as:

- Basic Urban Infrastructure. (Water supply, Sanitation and Solid waste collection and disposal)
- Port and Harbours. (Planning, Design and Finance)
- Transport Infrastructure. (Roadways, Railways and Airports)
- Project Management and Advanced Construction Practices.
- Services Infrastructure. (Logistics and Supply Chain)
- Power, Industrial Infrastructure, Sezs and Social Infrastructure.

The Program exposes students to a variety of software used in today's infrastructure sector and also provides working knowledge of theory, policy, law, research and good practices related to it.

Master of Technology in Geomatics

The program is designed "discipline neutral" for interdisciplinary graduate students and professionals. It includes earth observation from space through various remote sensing sensors. The course gives clear understanding of data acquisition system, GIS, information technology, resources application and analysis to the inter-disciplinary graduates and professionals. Geomatics extends into more contemporary methods including Global Positioning System, Digital Photogrammetry, LiDAR Technology, qualitative and quantitative analysis of satellite and aerial imagery specific to earth sciences and environmental applications. The academic outcome of the course at national and regional level brings out (i) skilled and technically trained manpower for adapting geo-spatial techniques, (ii) inter-disciplinary field for sustainable development and careful management of resources.

Recognition

All the Master programs in Technology are approved by All India Council for Technical Education (AICTE) on self-financing mode except Master of Technology in Geomatics Programs. Accreditation of The Programs Inspection for Accreditation of the full time M.Tech (Construction & Project Management) and M.Tech. (Structural Design) Program has been done by NBA Committee set up by AICTE on 23rd, 24th & 25th November 2012. Accreditation report is awaited.

Bachelor of Interior Design

Established in 1991, School of Interior Design (SID) was the first of its kind in the country, formalizing the discipline of Interior Design. Now known as the Faculty of Design, it offers an AICTE - accredited full time 5 year (10 semesters) Professional Education Program in Interior Design, leading to the award of Bachelor of Interior Design.

Interior Design addresses the enactment of life in space. It recognizes the orders - both tangible and intangible, through which humans occupy space and particularize it to the acts of living and inhabitation. It brings meaning to built environment. Interior Design encompasses a syncretic outlook built on the understanding of various aspects of life. The canvas for Interior Design education is very wide and is enriched by inputs from art, architecture, technology, furniture, humanities, social sciences & cultural anthropology.



Master of Interior Architecture and Design

The MIAD Program aims at cultivating and strengthening a designer's acute sensitivity towards global concerns and endowing them with a spirit of tolerance towards pluralism while encouraging accordance with traditional and cultural convictions. It lays the foundation of a new era of design education where the utopian idea of the pursuit of knowledge is governed by responses to the dynamics of environment. Envisaged to achieve excellence in the chosen concern, research based stimulus helps in redefining modern-day design thinking and practice. Here, the three streams merge, entwine, connect and remain distinctly alive, focusing on a holistic vision and uniting the three worlds of an individual the intellectual destiny, the social destiny and the industrial world.

Recognition

Approved by the Council of Architecture, India, and the Department of Technical Education, Gujarat, MIAD/ IMIAD receive philanthropic support from Sir Ratan Tata Trust and the International Federation of Interior Architects, IFI.

International Master of Interior Architectural Design

The IMIAD is one of the first internationally orientated post graduate degrees in interior architecture. Part of the course takes place at a partner school, with each school bringing its own emphases and competencies to the course. Building on an undergraduate degree, graduates receive the qualification of International Master of Interior Architectural Design.

The objective of the education is to develop spatial comprehension, presentation techniques and design. To accomplish this and to be successful in their profession, students need a willingness and ability to constantly seek new information on human behavior, the environment and culture.

IMIAD partner institutes for exchange:

Edinburgh College of Art ECA

Istanbul Technical University ITU

Polytechnic Lahti POLY LAHTI

University of Applied Sciences Stuttgart UASS

Scuola Universitaria Professionaledella Svizzera Italiana SUPSI

Recognition

Approved by the Council of Architecture, India, and the Department of Technical Education, Gujarat, MIAD/ IMIAD has philanthropic support from Sir Ratan Tata Trust and the International Federation of Interior Architects, IFI.

Master of Habitat Management

The two-year long Master Program in Habitat Management leads to the award of the Master of Habitat Management (MHM) degree. The program launched in 2013 aspires to bring about notable changes in urban India by creating a pool of high quality professionals dedicated to management of human habitats. The program helps students develop skills to address complex problems like enhancing long term efficiency of urban services, improving day-to-day functioning of cities, finding ways to improve financing of urban systems, etc.

The program focuses on inter-disciplinary training while developing skills of effective management. During the first 'foundation' semester, students undertake courses, which help them, learn about the urban context and develop proficiency in communication, accounting, management principles and basic problem solving for urban utilities identification of issues and finding solutions.

The teaching programs focus on building professional capacities and therefore they are centered on 'studios'. During the first two semesters, core of the focus is on studio exercises for preparing management plans for an urban neighbourhood and large urban area. Students also undertake other coursework in organizational behaviour, urban finance, ethics and government, e-governance, business skills, urban infrastructure, social utilities, entrepreneurship development, marketing & branding, contract management, project management, negotiation & conflict management, smart cities, etc.

During the fourth semester students are required to complete a capstone project – an individual but guided design or research project. Twice, during breaks between semesters, students are required to sign up for study tours or courses organized as part of the Summer School and Winter School Programs.

To enable students to pursue their individual interests only three quarters of the total academic workload is mandated. Students choose courses from the many available electives to complete the rest.



PROTOCOL

Following protocol will be observed by all the graduate placement students:-

1. Once an offer is made the respective graduate student must confirm in writing to CAS office that they have accepted / denied the offer within seven days.
2. If the graduate student fails to confirm his/her position for the offer within the stipulated time (7 days), the offer will be offered to the next shortlisted graduate student.
3. The candidate on acceptance of offer with the CAS office will not be considered further for the placement process.
4. Any graduate student may deny the offer but number of denials will be limited to two.
5. In case, the student does not take up an offer he or she is free to sit for interview for the next company of his or her choice. If an offer is made than he or she will have to accept the offer. If this offer is rejected than the student will not be considered for further placement process
6. The CAS office will inform the respective firm / institute that CEPT student has accepted the offer and will request for the official letter of job offer to be addressed directly to the student.
7. Once the job offer is accepted and confirmed in writing and if student does not take up the job then he/she will no longer be eligible to be part of CAS placement.

FAIRNESS POLICY

CAS office would like the firm, organization or the institute to give following information prior to coming for the placement exercise or before arranging to conduct the interview.

1. Job profile for the post.
2. Remuneration offered.
3. Probation period.
4. Job to be offered on contract, as a consultant or salaried staff.
5. Contractual condition of employment for minimum period required in the job and penalty for early leaving.
6. Annual paid leave.
7. Any special conditions.

Name of some of the Firms / Organizations, Institutes, Government and its Agencies and NGO / International Agencies where our graduates are employed or were employed

Firms

Sai Consultancy
Kalpataru
Crisil
Total Environment Solutions Pvt Ltd
Atkins
Brigade Group
Jurong
Fairwood
Ernst & Young
Mayfair
Halcrow
IL&FS
Feedback Infra
PDCOR Ltd
TATA Consultancy Service
Lea Associates
Rites
Care
GSDMA
Adani
ADB
IDFC
Wilbur Smith Associates
Knight Frank
AECOM
Godrej Properties
EVOSYS
ADD VALUE
ITDP
HCP
UMTC
JMC
ADCC Nagpur

Institutes

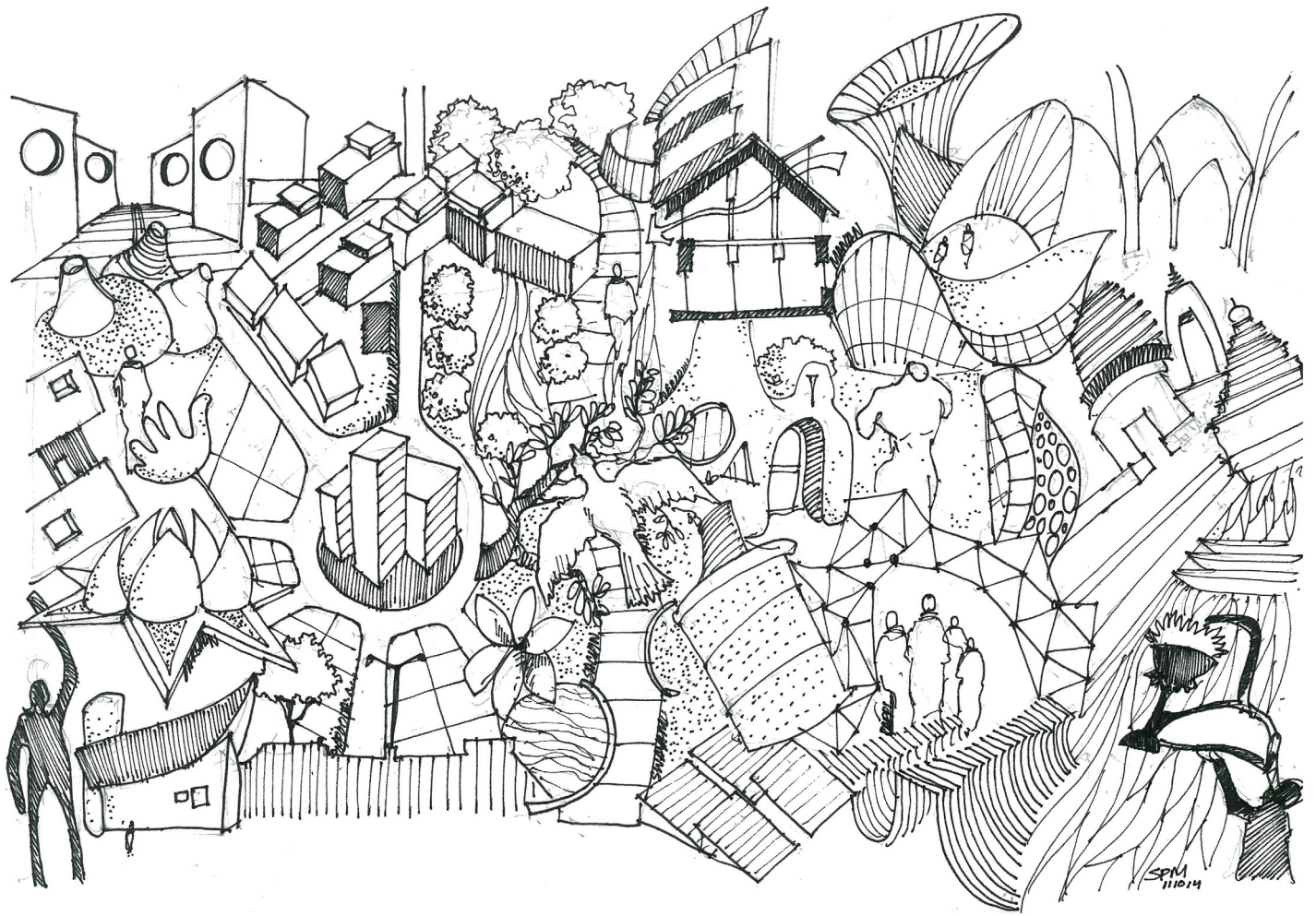
IIM, Ahmedabad
Administrative Staff College of India
Parul Group of Institutes
Gujarat Institute of Development Research
IIT Roorke
Harvard University, USA
Cambridge University, UK
Rizvi College
NID
Nirma University
University College, UK
De Montfort University, UK
London School of Economics, UK

Government / Government Agencies

Government of India
UK Government
Government of Nigeria
AUDA
Delhi Development Authority
MMRDA
GUDC
GUJTOP
HUDCO
GIDCR
GIFT
Dholera SIR Development Authority
Leicestershire County Council, UK
CCLRC, UK

International Agencies / NGO

UNEP
Oxfam International
Gandhi Foundation
World Bank
Asian Development Bank
USAID
UNICEF
UNDP



Gaurangi Karnik
Coordinator

Career & Alumni Service

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