AHMEDABAD UNIVERSITY

Independent Study Period

ABOUT INDEPENDENT STUDY PERIOD

Set-up in 2009, Ahmedabad University ("AU") is a private, non-profit University that offers students a liberal education with a focus on research-driven and project-based learning.

We offer a diversity and depth of courses and programs to enable students to grow into well-rounded leaders. ISP is one such initiative.

During the Independent Study Period (ISP) in December, the university will offer a range of learning opportunities not available during the regular curricular periods of the semesters.

Offerings include block courses, studio-inspired experiential courses, courses on perspective and skill building, innovative experiments in learning and more. All courses are offered for credit and all students are required to register for a minimum number of credits during the ISP.

The courses are rooted in disciplines like literature, design, science, language, heritage, humanities and more but cut across areas and specializations.

This year ISP is open to first year students of all specializations-Engineering, Life Sciences, Commerce, Business Management and Computer Studies). Every course is open to students of all programmes thus making them truly inter-disciplinary.

ISP for the academic year 2016 is from December 12-30, 2016.

COURSE LIST

NAME	COURSE CODE	FACILITATOR	DATES	CREDIT	PAGE
Objectivity in Journalism	ISP W1M 038	Ms.Jumana Shah & Mr. Shyam Parekh	Dec 12, 16-18, 24-27	1	6
City as a Text	ISP W1M 001 & ISP W1E 002	Professor Sudhir Pandey	Dec 12-17	1	7
Art of Argumentation from Mahabharata	ISP W1M 003	Professor Milan Pandya	Dec 12-17	1	8
Understanding the Consumer: Step by step introduction to design thinking.	ISP W1M 005	Mr. Ashwin Joshi	Dec 12-17	1	9
Design Thinking	ISP W1M 006 & ISP W1E 007	Mr. Dhaval Shah	Dec 12-17	1	10
Anatomy of a Car	ISP W1M 008	Mr. Anish Garg	Dec 12-17	1	11
Bitter Taste of Sugar	ISP W1M 009	Professor Manish Datt & Professor Vivek Bhatt	Dec 12-17	1	12
Water & War	ISP W1M 010	Dr. R. D. Deshpande	Dec 12-17	1	13
Artificial Intelligence	ISP W1M 011	Professor Lynn Stein	Dec 12-17	1	14
Climate Action-Everybody's Business	ISP W1M 012	Ms. Purvi Vyas & Ms. Nivedita Shridhar	Dec 12-17	1	15
Climate Action-Everybody's Business	ISP W1E 013	Ms. Pooja Dave & Ms. Viveka Jani	Dec 12-17	1	16
Introduction to Narratives	ISP W1M 014	Professor Seema Khanwalkar	Dec 12-17	1	17
Quotidian Story of Gender	ISP W1M 015	Professor Saptam Patel	Dec 12-17	1	18
Ctrl+Alt+Design	ISP W1M 016	Mr. Anand Saboo & Mr. Aditya Bharadwaj	Dec 12-17	1	19
Need Identification & Idea Generation	ISP W1M 018	Mr. Akshat Khare	Dec 12-17	1	20
Digital Transformation of the Society	ISP W1M 019	Professor Siddharth Deshmukh	Dec 12-17	1	21
Designing Experiments	ISP W1M 020	Professor Sharvari Dalal & Professor Siddharth Saxena	Dec 12-17	1	22

COURSE SUMMARY

NAME	COURSE CODE	FACILITATOR	DATES	CREDIT	PAGE
Creative Writing	ISP W1M 037	Dr. Raghuveer Chaudhari, Mr. Raju Barot, Shri Kirit Dhoodhat, Dr. Bindu Bhatt	Dec 12-17	1	23
Making of a Musical Instrument	ISP W1M 021	Mr. Srijan Deshpande	Dec 12-22	1.5	24
World of Hindustani Art Music	ISP W1M 022	Mr. Satyasheel Deshpande	Dec 12-22	1.5	25
Birds, Birds, Birds	ISP W1M 023	Mr. Punit Lalbhai	Dec 12-22	1.5	26
Sufi Music-Scapes and Folk Musicians of Thar, Rajasthan: Traditions, Transformations and Reinvigorations	ISP W1M 024	Professor Rahul Ghai	Dec 14-24	1.5	27
Ctrl+Alt+Design	ISP W2M 017	Mr. Anand Saboo & Mr. Aditya Bharadwaj	Dec 19-24	1	19
Art of Argumentation from Mahabharata	ISP W2M 004	Professor Milan Pandya	Dec 19-24	1	8
Fingerprint Science and Solving Crime	ISP W2M 025	Professor Ritesh Shukla	Dec 19-24	1	28
Sugar. Mud. Bake. Magic.	ISP W2M 026	Mr. Sourabh Phadke	Dec 19-29	1.5	29
Experiencing Heritage	ISP W2M 027	Professor Neel Kamal Chapgain	Dec 19-29	1.5	30
Sociology of a Bazaar	ISP W2M 028	Professor Abrar Ali & Professor Shahul Amin	Dec 22-28	1	31
Selfie with the Past	ISP W2M 029 & ISP W2E 030	Ms. Poulomi Das	Dec 22-28	1	32
Bio-mimicry- Nature Inspired Design & Innovation	ISP W2M 031 & ISP W2E 032	Mr. Prashant Dhawan & Ms. Seema Anand	Dec 22-29	1	33
Design Thinking	ISP W3M 033 & ISP W3E 034	Ms Sudebi Thakurata	Dec 24-29	1	34
Design Thinking	ISP W3M 035 & ISP W3E 036	Ms. Aishwarya Iyengar	Dec 24-29	1	35

COURSE CATALOGUE

OBJECTIVITY IN JOURNALISM

CODE	ISP W1M 038
DATES	December 12, 16-18 at the Gujarat Literature Festival and Dec 24-27, 2016 (total 7 days)
CREDITS	1
COURSE OUTLINE	To explain the significance of mainstream media (newspapers, TV and digital) in the context of social media. Information, often unverified and completely false, is circulated with confidence; accepted and digested as the complete truth. The course will give an understanding of the difference between social media, mass media and journalism. Also explain how news organisations function; the basic tenets of journalism and most importantly drive home the significance of why journalism is called the 'fourth estate of democracy'.
FACILITATOR PROFILES	**Shyam Parekh** is a professional journalist with a rich and diverse work experience of 25 years in active writing and reporting. Shyam is the Resident Editor of DNA Ahmedabad since its launch in 2006. **Jumana Shah** is a career journalist, she is working as the Executive Editor of DNA, Ahmedabad since 11 years. Prior to that, she has worked with the Times of India and a Gujarat Samachar group publication 'The Indian Post'. Shyam and Jumana are also the founders of the Gujarat Literature Festival that has had three editions since its inception in 2014
METHODOLOGY	2-3 hours of theory session with the students every morning and after which students will be sent on supervised assignments. In addition to this, each participant will get a chance to attend the Gujarat Literature Festival which is happening for four days (December 15-18, 2016). The students will get exclusive access to interview / interact with the 150 authors at the Literature Festival.
MAXIMUM STRENGTH	25
WHO SHOULD TAKE IT?	Students with a free mind, good command over language and a willingness to work hard.

CITY AS TEXT

CODE	ISP W1M 001 & ISP W1E 002 (Two Batches)
DATES	December 12-17, 2016
CREDITS	1
COURSE OUTLINE	In the human history city has existed both as an idea and a place. This course, in particular, aims to explore these two aspects of city (idea and place). It is believed that cities often develop around very different purposes. For instance, some cities become the space for national and international political activities, and some become the hub for business and trade. Other cities are primarily seen as sites for tourism and leisure. However, apart from these images, city is also subject to continuous change—such as political, cultural, social and religious—which affect the lifestyle of city-dwellers and the image of city from time to time.
FACILITATOR PROFILES	**Dr. Sudhir Kumar Pandey** is a faculty of communication at AMSoM. He offers courses in Urban Studies and Managerial Communication. Currently, he is doing a project on virtual business communication, and is interested in digital humanities. **Dr. Vivek Bhatt** is a faculty of Quantitative Techniques at AMSoM. His research interest is in the areas of Decision sciences, Simulations, BI Tools, and Fuzzy inferences in management functional areas. He has been actively involved in designing computerized simulations.
METHODOLOGY	Digital Humanities
MAXIMUM STRENGTH	30 per batch
WHO SHOULD TAKE IT?	If you are interested in understanding the specific socio-economic, cultural, and political factors that have shaped the city and the integration of theoretical and practical concepts. The urban environment enables a variety of different modes of learning, including guided student discovery and interpretation.

ART OF ARGUMENTATION FROM MAHABHARATA

AHMEDABAD UNIVERSITY

CODE	ISP W1M 003 & ISP W2M 004 (Two Batches)
DATES	Batch 1- December 12-17, 2016 & Batch 2- Dec 19-24. 2016
CREDITS	1
COURSE OUTLINE	Unarguably, Mahabharata is considered one of the greatest epics in the history of human civilization. Study of Mahabharata is also significant to learn the art of argumentation. Across 18 parvas, a number of characters exchange powerful arguments among and between themselves. These arguments vary significantly and serve a variety of purposes. Indeed arguments in Mahabharata are used to explain, to justify, to decide, to persuade and to find the truth. The rich exchange of arguments makes Mahabharata compelling and captivating text to study. Hence, a course with a central objective of studying Mahabharata to learn the art of argumentation becomes interesting and enriching.
FACILITATOR PROFILES	**Milan Pandya** is a teacher, trainer and educator in the field of Critical Thinking & Argumentation, English Language Teaching & Communication Skills. With more than 08 years of teaching experience, Mr. Pandya has authored 02 books, and presented and published a number of research papers in national and international conferences and journals., & Philosophy.
METHODOLOGY	Classroom Discussion and Project (01)
MAXIMUM STRENGTH	30 per batch
WHO SHOULD TAKE IT?	Individuals with reasonable acquaintance with overall story of Mahabharata

UNDERSTANDING THE CONSUMER: STEP-BY-STEP INTRODUCTION TO DESIGN THINKING

CODE	ISP W1M 005
DATES	December 12-17, 2016
CREDITS	1
COURSE OUTLINE	Why do you like hiring an Uber vs a Kaali Peeli? What motivates a person to spend hours in Decathlon but not even a few minutes in AlphaOne? What makes you spend 3 times the money in a Melt-In when a Havmor is available for much lesser? 'Understanding the Consumer' is the perfect introduction to design thinking that helps you uncover the motivations and triggers of consumers like you and me and understand why we make choices a certain way. Packed with actionable tools, daily field assignments and mentoring sessions, this course will help you internalise the design thinking process and build intuitive solutions around key customer insights...in 5 days. And if this seems like a lot of work - ye be warned - it is ;)
FACILITATOR PROFILES	**Ashwin Joshi** heads the Ecosystem Development team at CIIE and has over eight years of entrepreneurial experience in design, marketing and real estate sectors. He is involved in a range of activities including fundraising, startup scouting, acceleration and seed investing. In his personal capacity, Ashwin mentors startups in user experience, usability design and business modelling.
METHODOLOGY	Classroom sessions + Field assignments, Group projects, Classroom sessions which will be a mix of workshops, mentoring sessions and (a little bit of) theory.
MAXIMUM STRENGTH	32
WHO SHOULD TAKE IT?	Students who like to work on hands-on projects. This is NOT a theory course!

DESIGN THINKING

CODE	ISP W1M 006 & ISP W1E 007 (Two Batches)
DATES	December 12-17, 2016
CREDITS	1
COURSE OUTLINE	No matter what career you choose to pursue, it will involve solving problems - for someone. Your solution will only be as good as your understanding of the problem. This course is on learning to think like a designer - to design solutions for people - focusing on both what is it that people desire, and how to provide them in order to make their lives more meaningful. The course will cover fundamentals of people-centric design thinking methodology. It will enable you to uncover problems worth solving, empathize with the people you wish to solve it for, unleash your inner creativity and innovate on solutions that are truly desired by people.
FACILITATOR PROFILES	**Dhaval Shah** is the founder of Abir, a human-centered business design consultancy based in Ahmedabad. At Abir, he provides qualitative and ethnographic market research, customer segmentation based on behaviors and desires, and strategic innovation frameworks to deliver meaningful experiences to customers. He also has 13+ years of experience as a technologist in Silicon Valley start-ups designing and delivering complex software systems. He has a Masters in Computer Science from University of Southern California, Los Angeles, and MBA in Design Strategy from California College of the Arts, San Francisco.
METHODOLOGY	Instruction modules, followed by in-class hands-on exercises to learn the concepts. Group Projects.
MAXIMUM STRENGTH	25 per batch
WHO SHOULD TAKE IT?	If you wish to increase your confidence in finding creative solutions, then this course is for you - it doesn't matter what discipline you are enrolled in - because what you will learn will be equally applicable - in your personal life as much as in your professional career.

ANATOMY OF A CAR

CODE	ISP W1M 008
DATES	December 12-17, 2016
CREDITS	1
COURSE FEE	Rs. 2500 per student (includes tool-kits and individual course completion certificates)
COURSE OUTLINE	Hands on experience on Disassembly and Assembly of a complete passenger car. Vehicle breakdown, diagnosis and trouble-shooting. Along with the course credit you also get an authorised certificate, study kits and aprons and gloves for each participant.
FACILITATOR PROFILES	**Prigma Edu Tech Pvt. Ltd.**
METHODOLOGY	Hands on experience with each group of 8-10 students working on their individual cars.
MAXIMUM STRENGTH	40
WHO SHOULD TAKE IT?	Whether you want to make a career in the automative industry or are an automobile fanatic, this course is for you.

THE BITTER TASTE OF SUGAR

AHMEDABAD UNIVERSITY

CODE	ISP W1M 009
DATES	December 12-17, 2016
CREDITS	1
COURSE OUTLINE	Diabetes is global challenge. It not only affects individuals but is also a huge economic burden. The course would introduce the fundamentals of diabetes and its classification. Complexities of glucose metabolism and its regulation would be discussed. Students would also learn about various complications that results because of diabetes. In addition, students would be able to appreciate the value of statistical analysis in interpreting the epidemiology of diabetes. The course would provide students an opportunity to contextualize and apply their learning by engaging in real life project.
FACILITATOR PROFILES	**Dr. Manish Datt** is an Assistant Professor at Division of Biological & Life Sciences (DBLS) at AU. Dr. Datt's expertise spans across biological and computational sciences and he actively engages in endeavours that expand the outreach of basic sciences. **Dr. Vivek Bhatt** would be a co-facilitator in this course. He is an Assistant Professor at AMSoM and has expertise in statistical analysis**.**
METHODOLOGY	The course would include project, flipped classroom sessions, and group discussions
MAXIMUM STRENGTH	35
WHO SHOULD TAKE IT?	This is an interdisciplinary course that would span across discipline including biological, management, and data sciences. This course is primarily designed to help students learn about causes and symptoms of diabetes and associated ailments. Students would also explore the progress made in preventive and therapeutic strategies for controlling diabetes. The course would foster the spirit of critical thinking to develop innovative solutions for the global challenges.

WATER & WAR

CODE	ISP W1M 010
DATES	December 12-17, 2016
CREDITS	1
COURSE OUTLINE	Water is one of the most important natural mineral, essential for survival of life on earth. Although there is a huge amount (~1.39 billion km3) of water on earth, over 97% of it is salt water and only 2.5% of it is fresh water which is stored in the form of ice-caps and glaciers, groundwater and surface water in the form of lakes, rivers and swamps. In the emergent scenario social conflicts over water, of various scales, is not very uncommon in both urban and rural set up. In this backdrop, it is important to understand the basic concepts related to availability and distribution of water, both in the global and the Indian context.
FACILITATOR PROFILES	**Dr. R. D. Deshpande** is Scientist-SG and Chairman, Geosciences Division Physical Research Laboratory (PRL), Ahmedabad. He is a Fellow of the Geological Society of India and Member of Several Scientific Associations and Organizations.
METHODOLOGY	Classroom lectures with power point presentation, informal interaction, group discussion, student's seminars, field visits and projects.
MAXIMUM STRENGTH	30
WHO SHOULD TAKE IT?	On academic level, students from various disciplines participating in this course will be able to relate their field of academic study with water resources so that expertise acquired after their graduation can also be employed for ameliorating water resources scenario. On social level, the participating students will surely be educated and sensitized enough to the extent that they not only understand the importance of water but proactively conduct themselves as responsible citizen of India

ARTIFICIAL INTELLIGENCE

CODE	ISP W1M 011
DATES	December 12-17, 2016
CREDITS	1
COURSE OUTLINE	In this course we will explore some of the technologies behind artificial intelligence as well as its portrayal in modern media and the popular press, its social, ethical, and philosophical implications, and what these things might tell us about natural — human — intelligence. The course will include: - philosophical and practical issues behind AI - small-scale exploration/experimentation with natural language, game-playing AIs, robotics, machine learning - the Turing test; Searle's Chinese room; the other minds problem; is artificial consciousness possible? desirable? meaningful? - AI in current technology and its possible futures - this might include a speculative design project
FACILITATOR PROFILES	**Lynn Andrea Stein** is Professor of Computer and Cognitive Science and a founding faculty member at Olin College of Engineering. Stein's research, at Olin since 2000 and over the prior decade on the MIT faculty, spans the fields of artificial intelligence, programming languages, and human-computer interaction. She is co-author of foundational documents of the semantic web and the "mother" of a humanoid robot and an intelligent room.
METHODOLOGY	We will explore tools, techniques, philosophical and social implications of artificial intelligence through discussion, simulation, reading and multimedia, critical engagement, and other active learning techniques.
MAXIMUM STRENGTH	16
WHO SHOULD TAKE IT?	Students interested in understanding some of the techniques behind today's artificial intelligence technologies as well as perspective on the social, ethical and philosophical implications artificial and natural intelligence.

CLIMATE ACTION- EVERYBODY'S BUSINESS

AHMEDABAD UNIVERSITY

CODE	ISP W1M 012
DATES	December 12-17, 2016
CREDITS	1
COURSE OUTLINE	This course enables learners to build a foundation of knowledge on climate change and be a change maker at a personal level as well as systems level as a professional. The solutions to climate change demand multi-level engagement of a variety of stakeholders from youth to decision makers. The different disciplinary knowledge and novel approaches inform initiatives taken to address climate change. The topics to be covered in this course include climate science, climate change impacts, adaptation, mitigation, policy and handprint (climate action/positive action towards sustainability).
FACILITATOR PROFILES	**Nivedita Shridhar** is Associate Programme Officer at Centre for Environment Education, working with Sustainable Business and Climate Change group. Her area of focus is climate change vulnerability and adaptation. At CEE, she has been involved in developing a database of India's climate initiatives on adaptation and mitigation, apart from which she is a part of the organizing committee of COY12 Local and would also, be facilitating a few sessions in the same **Purvi Vyas** is Programme Officer at the Centre for Environment Education and the focus of her work is Climate Change and Sustainability. With CEE, she has been involved in development and coordination of higher education course on sustainable development, research and writing case studies on 'role of education in climate change mitigation', and developing a compilation of initiatives taken by India for climate change adaptation and mitigation.
METHODOLOGY	Classroom interaction, case studies, participatory learning, role games and activities, peer-learning and independent activity based learning.
MAXIMUM STRENGTH	30 per batch
WHO SHOULD TAKE IT?	Learners analyzing scientific evidences are able to form informed perspectives on the subject, communicate about climate change to different actors in society, and can initiate positive action ranging from local to global level.

CLIMATE - EVERYBODY'S BUSINESS

CODE	ISP W1M 012
DATES	December 12-17, 2016
CREDITS	1
COURSE OUTLINE	This course enables learners to build a foundation of knowledge on climate change and be a change maker at a personal level as well as systems level as a professional. The solutions to climate change demand multi-level engagement of a variety of stakeholders from youth to decision makers. The different disciplinary knowledge and novel approaches inform initiatives taken to address climate change. The topics to be covered in this course include climate science, climate change impacts, adaptation, mitigation, policy and handprint (climate action/positive action towards sustainability).
FACILITATOR PROFILES	**Viveka Jani** is works at CEE as an Associate Programme Officer in the Sustainable Business and Climate Change Group. Her field of interest include climate vulnerability assessment, and climate resilience building and adaptation. She was one of the organizers for the Conference of Youth (COY12) conducted in November 2016 in association with IYCN, and also engaged the participants in a few sessions. She additionally developed a policy brief from the inputs from the COY12 participants, as an outcome document of the conference. **Pooja Dave** is Programme Officer at the Centre for Environment Education and the focus of her work is Climate Change and education. With CEE, she has been involved in coordination, development and implementation of several projects related to climate change higher education, carbon sequestration, GHG accounting and others.
METHODOLOGY	Classroom interaction, case studies, participatory learning, role games and activities, peer-learning and independent activity based learning.
MAXIMUM STRENGTH	30 per batch
WHO SHOULD TAKE IT?	Curious minds from different disciplines willing to engage in experiential learning by interacting with various actors in society and work collaboratively with them to make a difference. Learners will gain updated and interdisciplinary knowledge on the subject and skills that provide an opportunity to be co-creators of new knowledge and solutions.

INTRODUCTION TO NARRATIVES

AHMEDABAD UNIVERSITY

CODE	ISP W1M 014
DATES	December 12-17, 2016
CREDITS	1
COURSE OUTLINE	A Narrative world - this course is about understanding the fundamental tenets of narratives, their internal coherence, their meaningful contribution to human cognition, and to organizing human lives. It is a unique human capability that exists everywhere and is largely taken for granted. Narratives help make sense to our existence and is a form of communication of a high order. Narratives are integral to human consciousness and also help organize our thoughts. The understanding transcends disciplines and subjects. Economists, mathematicians as well as novelists are storytellers.
FACILITATOR PROFILES	**Dr.Seema Khanwalkar** is a Professor in CEPT University and has been teaching courses in the Social Sciences and Humanities for over two decades. She has taught Narratives, Semiotic theory, Cultural Anthropology among other courses across institutions such as NID, IIM, MICA, IIT Powai, JNU and Mumbai University. She is a Semiotic consultant to the Indian Industry in Brand Communications.
METHODOLOGY	Students will be expected to deliver an understanding of fundamentals of narrative principles through a medium of their choice. Example: Product narratives, film narratives, historical narratives etc.
MAXIMUM STRENGTH	30
WHO SHOULD TAKE IT?	Students interested in the humanities and social sciences - literature, sociology, anthropology, design, and the softer side to their disciplines. Because even products have narratives, objects can participate in narrative processes.

QUOTIDIAN STORY OF GENDER

CODE	ISP W1M 015
DATES	December 12-17, 2016
CREDITS	1
COURSE OUTLINE	Gender is a construct…a social construct. Society makes us who we are and leaves minimum choice for us to decide who we want to be. This course will make you understand this process of gender socialization and allow you to find ways of 'undoing gender' from yourself to turn you into a sensitized individual who can see beyond pink and blue. The course is a 'quotidian story of gender' – that is how gender affects our daily lives and becomes a part of our everyday story. It will bring you to a realization, through contemporary theories of gender and real world exposure, that we need to discuss gender. The course is very important for you if you are on the side of 'change' and think you can do it!
FACILITATOR PROFILES	**Professor Saptam Patel** is Chair, B.Com. Programme (HLIC) at the Amrut Mody School of Management, Ahmedabad University. She has been with the BCom programme as a faculty in the area of Communication since 1999. She graduated from St. Xavier's College, Ahmedabad and did post-graduation, M. Phil as well as Phd. from the School of Languages, Gujarat University, Ahmedabad**.**
METHODOLOGY	Field visits, lectures, class discussions, role plays, ppt, audio-video material, projects and assignments
MAXIMUM STRENGTH	30
WHO SHOULD TAKE IT?	The course's primary objective is to initiate, facilitate and nurture change. It ambitiously aims to produce a group of sensitive individuals who can participate in the course of 'undoing gender' and alter/disrupt the disparate process of gendered socialization. The course is for you if you think you are a girl/boy and will, naturally, turn into a woman/man in some time!

CTRL + ALT + DESIGN

CODE	ISP W1M 016 & ISP W2M 017 (Two Batches)
DATES	Batch 1- December 12-17, 2016 & Batch 2- December 19-24, 2016
CREDITS	1
COURSE OUTLINE	This course is introducing students to our original scriptures like THE UPANISHAD's , THE VEDA's and references of DESIGN and its tools. Making them briefly experience tools and concepts of design and the areas of application across fields. Their levels of intervention that would lead to the creation of unique value in the chosen ecosystem. Understanding that design leads to the creation of value in existing system as well as unfolds value across various levels of product, service, system and in intangible offering of life also.
FACILITATOR PROFILES	**Mr. Aditya Bharadwaj** is an Engineer and Post Graduate in Product Design From NID, Paldi 2006 batch and practicing as a Designer in Ahmedabad. **Mr. Anand Saboo** graduated as an Architect and holds a Post Graduate In Strategic Design Management From NID, Paldi 2006 batch. He is practicing as a Designer in Ahmedabad.
METHODOLOGY	Experiential experiments and projects
MAXIMUM STRENGTH	30 per batch
WHO SHOULD TAKE IT?	This is a course on DESIGN. "CTRL+ALT+DESIGN" shall enable students from varied disciplines to conceptualize the basic understanding of how design can be used to bring clarity at an early stage of defining a project and how it is further used to develop and refine solution through exploration of alternatives and possibilities.

NEED IDENTIFICATION & IDEA GENERATION

CODE	ISP W1M 018
DATES	December 12-17, 2016
CREDITS	1
COURSE OUTLINE	Detailing the process from idea generation to commercialization in organizations. Course would talk about evaluating an idea, challenges faced in making the idea successful and the final execution. Course would also talk about evaluating an idea ie the pricing strategy to be used and challenges faced in making the idea successful. How such a process applies to startups and well established organizations would be discussed. The focus of course is more on the process of idea generation than commercialization.
FACILITATOR PROFILES	**Akshat Khare** completed his B.Tech in Electrical from the Indian Institute of Technology Bombay and M.Tech in Microelectronics from the same institute as the topper of his department of Dual Degree Microelectronics. He continued with further education to finish his MBA (PGDM) from the Indian Institute of Management Ahmedabad and meanwhile also cleared all levels of International CFA. Since graduation, he has been working as an entrepreneur in the solar and LED industry.
METHODOLOGY	Theory, discussion and projects
MAXIMUM STRENGTH	30
WHO SHOULD TAKE IT?	Course aims to help nurture both entrepreneurial and intrapreneurial spirit in participants. After the course, participants will have greater idea about how to work in startups and newer divisions and take lead in innovation.

DIGITAL TRANSFORMATION OF THE SOCIETY

AHMEDABAD UNIVERSITY

CODE	ISP W1M 019
DATES	December 12-17, 2016
CREDITS	1
COURSE OUTLINE	The course through theoretical and practical sessions will aim to explain the influence of technology in the delivery and feedback of communication. Students will have a deeper understanding of consumer preferences on digital platforms.
FACILITATOR PROFILES	**Sidharth Deshmukh** is Associate Dean, MICA, Ahmedabad **Smith Mehta** is Senior Research Associate, MICA, Ahmedabad
METHODOLOGY	Field visits, hands on projects, class discussions.
MAXIMUM STRENGTH	25
WHO SHOULD TAKE IT?	With the advent of digital platforms, there has been a paradigm shift in the creation of content from passive consumers to active creators. The course is for you if you would like to understand the importance of dissemination of information/entertainment through the digital platforms in the age of digital natives.

DESIGNING EXPERIMENTS

CODE	ISP W1M 020
DATES	December 12-17, 2016
CREDITS	1
COURSE OUTLINE	The ISP is designed for students who have an interest in designing and conducting experimental designs either for research projects or live study. The course is designed as a fundamental primer on experimental design and thus is not limited by its utility to a particular field. Students belonging to various disciplines (management, psychology, biology, social sciences) can learn from the fundamentals provided in class. Students will be expected to design and conduct their own experiments as part of the ISP. No previous training in experimental design or statistics is required.
FACILITATOR PROFILES	**Sharvari Dalal** is a faculty of Economics with AMSOM and currently teaches a diverse course profile that includes Development Economics, Econometrics, Market Structure and Behavior amongst others. She has a Masters in Economics and a Masters in Industrial and Organizational Psychology from University of Central Florida. She is currently pursuing her Ph.D. from Ahmedabad University. **Siddhartha Saxena** is a faculty in the OB/HR area at AMSOM and is currently teaching courses in both the areas. He has a varied background that includes a degree in zoology. His experience in the sciences brings in a novel approach to the examination of management studies. .
METHODOLOGY	Hands on, experiential learning, research based.
MAXIMUM STRENGTH	30
WHO SHOULD TAKE IT?	The ISP is designed for those students interested in the design and conduct of experiments in social, economic, decision making, biological, psychological or industrial sciences. The course will examine how to design and carry out experiments.

CREATIVE WRITING

AHMEDABAD UNIVERSITY

CODE	ISP W1M 037
DATES	December 12-17, 2016
CREDITS	1
COURSE OUTLINE	This course will introduce approaches to enable students to learn and develop abilities to read and write various forms of literature, e.g. short stories, poems and plays. At the end of the course, student will: learn to write short stories, poems and play scripts, develop ability to appreciate and criticize the creative article written by other participant and improve the understanding about various forms of Gujarati literature and develop confident to start writing of any forms of creative literature.
FACILITATOR PROFILES	**Dr. Sanjay Chaudhary** is a Professor and Associate Dean at School of Engineering and Applied Science, Ahmedabad University. Gujarat Sahitya Academy has awarded second prize to his book on ગિરનાર ('Girnar') under 'Essays and Travelogue' category for the year 2009.
	Dr. Raghuveer Chaudhari is a novelist, poet and critic and a prominent figure on the contemporary Gujarati literary. Raghuveer was invited by Gujarat Sahitya Academy, Britain and Gujarati Literary Academy of North America (1991) to deliver lectures on Gujarati Literature.
	Mr. Rajoo Barot is a graduate from the National School of Drama, India's premiere theatre institution, in 1977. Rajoo preferred to come back to Gujarat and dedicate himself to Gujarati theatre.
	Mr. Kirit Dhoodhat is a retired IAS officer and winner of several awards in literature like Gujarat Sahitya Akademi, Gujarat Sahitya Parishad etc.
	Ms. Bindu Bhatt is a Gujarati language novelist, short story writer, critic and translator from Gujarat, India. Her novel Akhepatar (1999) have awarded the Sahitya Akademi Award for the year 2003
METHODOLOGY	Talks, discussions, reading and writing sessions. Leading and know Gujarati writers will conduct sessions during the course.
MAXIMUM STRENGTH	25
WHO SHOULD TAKE IT?	Open for all the students who are interested in becoming short story writers, poets and play writers. Students should have good proficiency in Gujarati language.

MAKING A MUSICAL INSTRUMENT

AHMEDABAD
UNIVERSITY

CODE	ISP W1M 021
DATES	December 12-22, 2016
CREDITS	1.5
COURSE FEE	Rs. 1500 per student (includes material cost for making the instrument)
COURSE OUTLINE	Musical Instruments are a fascinating phenomenon that give rise to many questions. In this course, we will make musical instruments ourselves and, in the process, look for answers to questions like: What is sound? What is music? What do we mean by good/beautiful/bad/ugly sound? What are the relationships between sound and materials? Why are instruments made the way they are? Are instruments engineered? How? How do instruments work? Why do different cultures have different instruments? .
FACILITATOR PROFILES	**Srijan Deshpande** is a performer, teacher and student of music. He enjoys working with sound and is currently in the process of developing new musical instruments that try to solve old musical problems. He also works to preserve and disseminate rare forms of music at two important archives.
METHODOLOGY	This course will mostly be run inside a workshop where we will work with wood, metal, plastics and other material to make musical instruments. Workshop sessions will be interspersed with conversations on music, physics, engineering, culture and many other things that go into the making of an instrument. Participants will work individually as well as in groups.
MAXIMUM STRENGTH	25
WHO SHOULD TAKE IT?	Anyone who is curious about music, instruments or the science and mechanics of sound.

WORLD OF HINDUSTANI ART MUSIC

CODE	ISP W1M 022
DATES	December 12-22, 2016
CREDITS	1.5
COURSE OUTLINE	Hindustani art music is a unique form of music that has immense scope for individual creative expression. It is a system of music in which the performer creates music spontaneously and constantly challenges himself to seek new beauty and to search for his own personal expression, instead of simply singing something composed by someone else. This course will be an entry point for participants into finding their own expression in this tradition. It will also introduce them to the incredible diversity of expression that great artists have given to this tradition.
FACILITATOR PROFILES	**Pandit Satyasheel Deshpande** is an unconventional, creative and widely loved Hindustani Musician, a captivating performer, a brilliant composer, a respected researcher, a much sought-after teacher as well as an acclaimed author.
METHODOLOGY	Participants will be taught compositions rich in musical possibility and expression and will be shown simple methods of improvisation that will enable them to make their own musical statements. They will also be exposed to the music of great musicians and attempt to discuss, analyse and understand their musical personalities.
MAXIMUM STRENGTH	30
WHO SHOULD TAKE IT?	Anyone who is curious about music and wants to start looking for his/her own musical expression. Prior training in music is not a must.

BIRDS. BIRDS. BIRDS

CODE	ISP W1M 023
DATES	December 12-22, 2016
CREDITS	1.5
COURSE FEE	Rs. 9000 per student (includes 4 day trip to Polo Forest, Little Rann of Kutch, Velavadar and Khambhat)
COURSE OUTLINE	Learn about birds, their ecology, habitats and behavior. A great deal of learning will happen in the field. We will have almost a daily field component. The highlight will be a 4-5 day trip to Kutch (and other areas en route). This component will be designed to get you familiar with techniques and methods that ornithologists use to gain insights into bird ecology and conservation.
FACILITATOR PROFILES	**Mr. Punit Lalbhai's** fascination with birds started when he was 3 years old. He has a bachelor's degree in conservation biology from University of California, Davis, and a Masters in Environmental Science from Yale University, both of which enabled him to study birds and bird communities across North America, Africa and India. Punit then went on to get an MBA from INSEAD, France, and now works for Arvind Ltd on developing business models that function at the intersection of sustainability, material science, engineering and conservation. The course will also invite other facilitators who have wealth of experience to share.
METHODOLOGY	This course will employ the use of a variety of teaching methods. We will have a few lectures, however, the bulk of the learning is through field observations, and doing independent (but guided) research that deepens the learning obtained in the field.
MAXIMUM STRENGTH	15
WHO SHOULD TAKE IT?	We believe everyone can be a birder! And with the advances in technology, almost anyone can contribute to the field of ornithology through citizen science projects. So, this course is open to everyone. What we will strive to do is to give you a sense of wonder about birds; to immerse you in beautiful landscapes; give you a flavor of the life of an ornithologist; and hopefully equip you for a lifetime of enjoyment watching birds....

SUFI MUSIC- SCAPES AND FOLK MUSICIANS OF THAR, RAJASTHAN" TRADITIONS, TRANSFORMATIONS & REINVIGORATIONS

CODE	ISP W1M 024
DATES	December 14-24, 2016
CREDITS	1.5
COURSE FEE	Rs. 3500 per student (includes 2 day travel to Barmer, Rajasthan)
COURSE OUTLINE	This particular course seeks to have dialogues around lives and music of folk musician communities who are makers of Sufi music that is loved and listened to for the passion and intensity it evokes. In a world plagued with xenophobic conflict, unbridled consumerism, heightened and often cut throat individualism with its accompanying individual and social stress, these Sufi music traditions bring messages of humanism, peace, celebration amidst frugality and dignity of all life.
FACILITATOR PROFILES	**Professor Rahul Ghai** graduated in history from Jawahar Lal Nehru University,Delhi and worked with URMUL Trust working in the interior regions of Western Rajasthan. This gave him an opportunity to participate in experiencing the issues and challenges of lives of desert communities. Working with pastoralists, farmers, craftspeople, and folk made him learn and understand their issues
METHODOLOGY	Listening to Sufi Music, field visit to Barmer, discussions and peer learning
MAXIMUM STRENGTH	15
WHO SHOULD TAKE IT?	Anybody interested in Sufi folk music and having desire to think beyond the self for for pursuing contribution to betterment of lives of the less privileged could participate in the course.

FINGER PRINT SCIENCE & SOLVING CRIME

AHMEDABAD UNIVERSITY

CODE	ISP W2M 025
DATES	December 19-24. 2016
CREDITS	1
COURSE OUTLINE	Fingerprints are majorly one of the most vital factors in crime deciphering because they may be the only means of ascertaining the people present at a crime scene or involved in a crime. Thus, offering one of the most appropriate and acceptable method of establishing one's identification. Fingerprints provide a reliable means of personal identification. This is the only cause why it is also universally used and recognized for the purpose of visa / immigration services, identifying missing persons etc.
FACILITATOR PROFILES	**Dr. Ritesh Shukla** is an Assistant Professor at Ahmedabad University. He is a Postgraduate in Forensic Science and holds a Doctorate in Toxicology.
METHODOLOGY	Lectures, class discussions and mock cases for fingerprint investigation.
MAXIMUM STRENGTH	20
WHO SHOULD TAKE IT?	Fingerprint is one of the major and prime sub-fields of Forensic Science. This discipline is very reliable and correct due to the principles of individuality, individuation and permanency. These are the factors on which this complete science rests. The advantage of this course is that any student can set their career in Fingerprint Science irrespective of their discipline like Science, Commerce or Arts.

MUD. SUGAR. BAKE. MAGIC.

CODE	ISP W1M 023
DATES	December 19-29, 2016
CREDITS	1.5
COURSE FEE	Rs. 1500 per student (includes material cost for making the chulha)
COURSE OUTLINE	Put simply, this course is about three things: Shelter = earth construction and natural building = (playing with mud) Energy = biomass fuel = (burning stuff) Food = baking and cooking = (eating) Put not so simply, this course is about learning to build using local materials, through the handcrafting of an apparatus capable of burning biomass fuels efficiently, in order to aid the creation of a variety of delectable cuisines. Hence we shall build an assembly of wood fired ovens, chulhas, stoves and their like, primarily using mud and natural materials, in order to roast, fry, bake, boil and braise our way to (hopefully) delicious food.
FACILITATOR PROFILES	**Sourabh Phadke** is a school teacher and an architect (the former by choice, the latter by chance). He works with children on matters of exceeding importance including mud balls, the birds & the bees (literally), garbage, pee-poo and other stuff inside and around us. He is also known to build houses of all things natural and junk.
METHODOLOGY	The course can be expected to be: - democratic in nature, wherein the group shall largely plan and run the proceedings - differentiated, hence each individual shall customize her/his learning curve during the journey - based on experiential learning and hands-on work. Warning: This shall entail long working hours of manual labour - supplemented by classroom sessions where we spend time on the theoretical and geeky aspects of the process (and get some rest) - based on collaborative interventions. Working in smaller groups will be our natural habitat
MAXIMUM STRENGTH	20
WHO SHOULD TAKE IT?	Although there are clear niches for budding builders, mild mannered pyromaniacs and overall foodies, the proceedings shall also lend themselves to people interested in sustainability, degrowth, environmental ethics, decentralization, the slow movement, democracy, mindfulness, development, equity and green microeconomics.

EXPERIENCING HERITAGE AT KUTCH

CODE	ISP W2M 027
DATES	December 20-29, 2016
CREDITS	1.5
COURSE FEE	Rs. 5000 per student (includes travel to Kutch for 3 days)
COURSE OUTLINE	This course is an experiential course based on a short immersion experience at a village in Kutch, Gujarat. The idea is to open up our conscience to realize that the fundamental concepts of knowledge and heritage are not necessarily confined to formally recognized settings and classroom or textbook learning. There exists an enormous richness of knowledge and heritage in our rural communities, which are often out of bounds for urban educational systems. The course will try to explore these opportunities so that the students can prepare themselves to chart various creative, socially responsive, and self-transforming approaches to education and their own heritage.
FACILITATOR PROFILES	**Professor Neel Kamal Chapagain** is a faculty at Centre for Heritage Management, who is a primary faculty for its new Masters degree programme on heritage management. He is from Nepal, who has spent ten years recently in U.S. for his higher education – both as student and faculty.
METHODOLOGY	Major part of the course includes an immersion experience at a village in Kutch. The students are required to share their observations, questions, findings and learning everyday during the immersion, as well as participate in the discussion and write reflection type assignments.
MAXIMUM STRENGTH	15
WHO SHOULD TAKE IT?	Anyone with an interest in the idea of heritage – not as merely monumental history but as manifestations relevant to everyday life, may consider taking this course. The course emphasizes on learning from local contexts, and requires willingness to experience life in bare minimum 'luxury' or lifestyle. Focusing on a rural context, the immersion experience is aimed to inculcate the habit of seeking knowledge in any given context, and understanding one's history, culture and various domains of heritage as integral part of the knowledge system.

SOCIOLOGY OF A BAZAAR

CODE	ISP W2M 028
DATES	December 22-28, 2016
CREDITS	1
COURSE OUTLINE	Sociology of Bazars will investigate the intersection of 'market economy' and socio-cultural set-up of 'old city markets in Ahmedabad. The main emphasis will be on the understanding of Old City Markets as distinct cultural, social and economic spaces.
FACILITATOR PROFILES	**Dr.Abrar Ali Saiyed** is an Assistant Professor at AMSOM, Ahmedabad University. He holds an FPM from IIM-Ahmedabad. **Dr. Shahul Ameen** is Senior Lecturer at CHM, Ahmedabad University.
METHODOLOGY	Project based method will be used to deliver this course where students are expected to have 6 hours field visits and 3 hours classroom sessions.
MAXIMUM STRENGTH	30
WHO SHOULD TAKE IT?	Students who would like to develop an understanding of the old city markets as a space of urban revival, community diversity, and a place of formal and informal economic and social activity.

SELFIE WITH THE PAST

CODE	ISP W2M 029 & ISP W2E 030 (Two Batches)
DATES	December 22-28, 2016
CREDITS	1
COURSE OUTLINE	Through 6 days students will learn to recognise, understand and appreciate an individual's connection with the past. This individual connection will be recorded through selfies with the environment and communicated through the social media. It will help the student realise an individual's present identity as a link from the past for the future, and how digital media is an extremely powerful tool of promoting this presence for personal and professional purposes.
FACILITATOR PROFILES	**Poulomi Das** is a Consultant for Museums & Heritage Spaces. She has experience in interpretation, curation, collection management and research, Poulomi was a Nehru Trust Fellow, British Museum and V&A researching the provisions for the visually and hearing impaired visitors to these museums, 2015. She was a Nehru Trust Fellow in 2006, and an International Visitor Leadership Program Fellow, Department of State, Bureau of Educational & Cultural Affairs, USA, in 2010.
METHODOLOGY	Field visits, interactions, documentation, group learning
MAXIMUM STRENGTH	25 per batch
WHO SHOULD TAKE IT?	Students who would like to explore their past, their cities heritage and share the stories, visuals, records, discoveries and findings of the past.

BIOMIMICRY- NATURE INSPIRED DESIGN & INNOVATION

CODE	ISP W2M 031 & ISP W2E 032 (Two Batches)
DATES	December 22-29, 2016
CREDITS	1
COURSE OUTLINE	Biomimicry today it is an 'emerging discipline' as our connection with nature has acutely reduced after the industrial age and rapid urbanization. Through this approach one consciously observes nature to seek ideas which can be emulated/mimicked to solve human challenges. Biomimicry helps to approach innovation and problem solving in a novel and innovative way. Nature's solutions have evolved over a period of 3.8 billion years under the same conditions, limits and boundaries of our planet as we live in. Hence, these ideas are the best sustainable solutions we can learn from and perhaps, mimicking them can help us realize a sustainable way of living.
FACILITATOR PROFILES	**Mr. Prashant Dhawan** is the Co-founder of the Biomimicry India Network. He holds a degree in MS (Master of Science) in Biomimicry from the Arizona State University, U.S.A along with Biomimicry Professional Certification awarded by Biomimicry 3.8, USA. He also holds a degree in Architecture from SPA Delhi, and an MBA from ISB Hyderabad. **Ms. Seema Anand** is a Biomimicry Specialist (Biomimicry 3.8 Institute, USA, 2011) & a practicing Architect in Bangalore. She spent initial part of her career discovering, learning and working on vernacular architecture, which ingeniously uses only local resources in the built environs. She consults and teaches biomimicry approach in the field of design.
METHODOLOGY	Lectures sessions interwoven with games, movie and activities to understand biomimicry concepts, field trip, outdoor exercises to reconnect and seek inspiration from nature, discussions, presentations.
MAXIMUM STRENGTH	30 per batch
WHO SHOULD TAKE IT?	If you want to see and learn something new about the amazing patterns, designs and solutions in nature. You will also get to play learning games and go outside to explore nature. You will learn to about biomimicry tools and methodology that you'll apply as a group project to develop a nature inspired innovation/solution to a human challenge.

DESIGN THINKING

CODE	ISP W3M 033 & ISP W3E 034 (Two Batches)
DATES	December Dec 24-29, 2016
CREDITS	1
COURSE OUTLINE	The course will marry thinking with doing and focus on skills like observation, documentation and imagination. Identifying stakeholders in a complex system in real life using tools of Design Thinking and thereby developing a nuanced understanding of "wicked" problems will be the crux of the workshop. Designing for others and not just for self-expression, will be facilitated through empathy building, using a beginner's mindset, interviews and various forms of ideation and story sharing.
FACILITATOR PROFILES	**Sudebi Thakurata** is a designer of learning. She is a storyteller, graphic facilitator, published writer, critical instructional designer, reflective practitioner, creative documenter and a passionate singer. She currently works as a Faculty member at CERTAD at Srishti Institute of Art, Design and Technology.
METHODOLOGY	Project Based Learning, Experiential Learning using Multi-sensory pedagogy. The course will also include local field visits.
MAXIMUM STRENGTH	25 per batch
WHO SHOULD TAKE IT?	"Design Thinking is what people do when they pursue their goals. Everyone focuses their thinking in order to satisfy wants and needs regarding a particular situation. They recognize and define information relevant to their purpose, consider alternatives, decide what to do, do it, determine if they are satisfied with the results, and if not, revise their approach until they are successful, all while learning through the experience." Therefore any student from any discipline will benefit from the course. The learning from this course can be used, implemented and translated into any discipline.

DESIGN THINKING

CODE
ISP W3M 035 & ISP W3E 036 (Two Batches)

DATES
December Dec 24-29, 2016

CREDITS
1

COURSE OUTLINE
Have you imagined a toy that transforms itself for a child to play with throughout his childhood? Have you heard of a shoe that can guide people to walk around an unfamiliar place without having to depend on their vision? Do you think it is possible for everyone to enjoy a driverless car like AUDI A7 within the next three years? What is the secret? Have designers just been intuitive or is there a methodology to their creativity? Did they spend their valuable time in the experience of understanding people?

FACILITATOR PROFILES
Aishwarya Iyengar is a Design thinker, Service Designer and a Design educator. Her work so far has been in the area of healthcare, community welfare and education. She values spending time with people, diving deep into conversations that matter and learning to listen intently. Although its hard to collaborate consistently, she pushes her students and colleagues to work together to see the power of building on each others strengths. She currently works as a Faculty member at CERTAD at Srishti Institute of Art, Design and Technology.

METHODOLOGY
Hands-on, experimental, more talking & even more doing!

MAXIMUM STRENGTH
25 per batch

WHO SHOULD TAKE IT?
Students who enjoy problem solving, working with others, love creative work, students who see themselves doing a masters in any discipline in Design. Design thinking is a problem solving method that is creative, real, not a formula but a way of thinking that helps anyone recognise and understand people's REAL problems.

Independent Study Period