



**AHMEDABAD
UNIVERSITY**

ANNUAL REPORT

2015-16



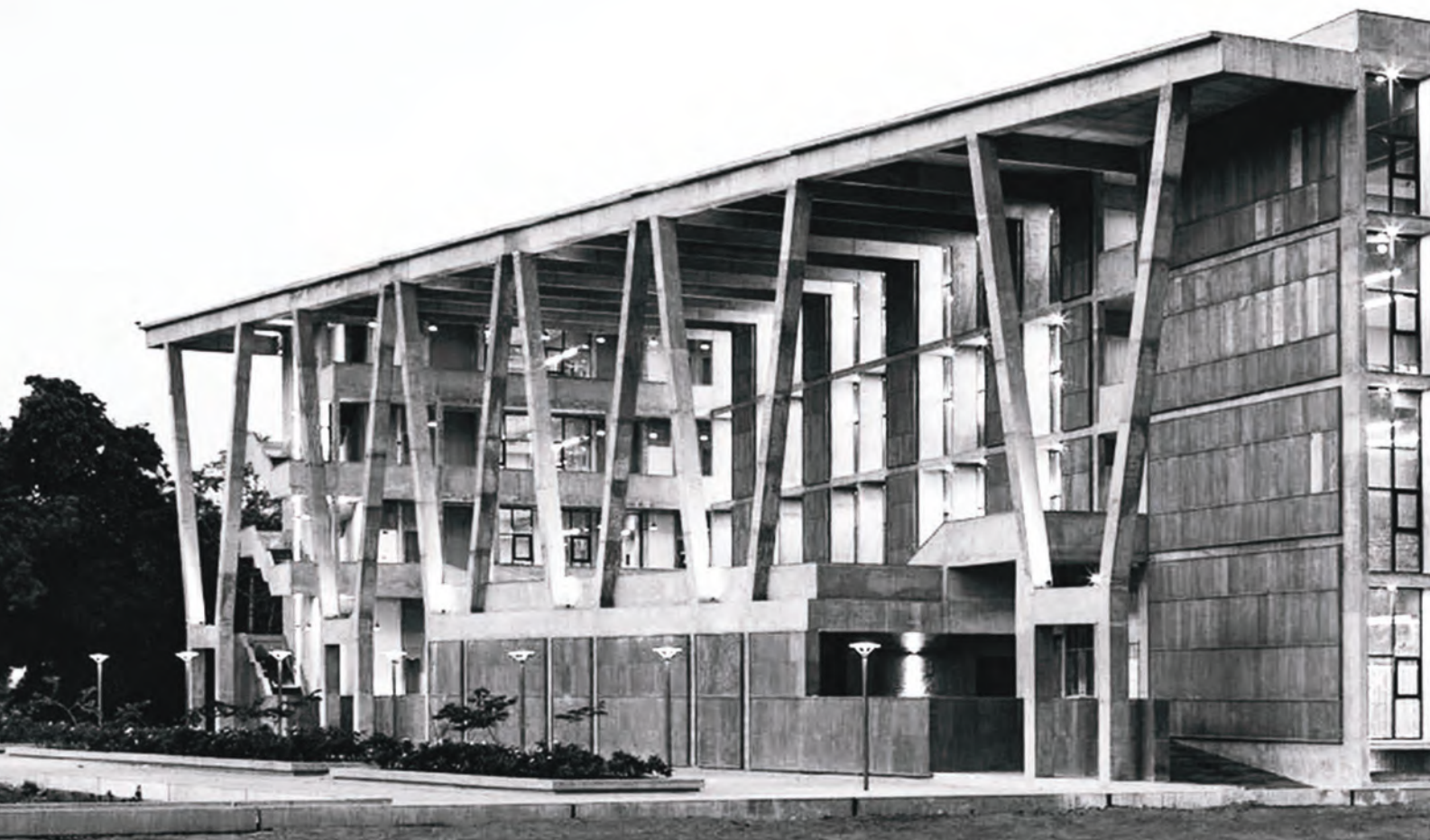


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Overview

*As embodied by our motto, **Pariprashnena Samriddhi**, the University fosters spirit of enquiry leading to progress and prosperity.*

- The University is located in a 600 year old city in India, called Ahmedabad. The city that has made its official entry to the World Heritage City from India through a selection process by UNESCO in 2016. It is one of the most secure and safe cities with one of the best infrastructures in the country.
- Ahmedabad University, a centre-of-city location in a major metropolis, has the DNA of highly reputed institutions and founders, is part of a best-in-country institutional community with significant talent, and has aspirations to create an impact in the society through its scholarship and students. The University is committed to extend financial support and the best of facilities to our students.



Our Foundation was laid by
Ahmedabad Education Society (AES)

- Ahmedabad University, was established in July 2009 by the Ahmedabad Education Society (AES). AES established in 1935 with inspiration from Sardar Vallabhbhai Patel, the first Deputy Prime Minister of India and visionaries like Sheth Kasturbhai Lalbhai, Shri Amratlal Hargovandas and Shri GV Mavlankar, the first speaker of the Indian parliament, upholds values, transparency in governance and pursuit of quality education.
- AES is among the largest academic trust in Gujarat, providing quality education from kindergarten to post graduation. It has 25 institutions under its umbrella catering to over 10,000 college students and 3,000 school children.
- For over 81 years, AES and its promoters have been directly and indirectly instrumental in pioneering several institutions of higher learning such as Ahmedabad Textile Industries Research Association (ATIRA), Physical Research Laboratory (PRL), National Institute of Design (NID), Indian Institute of Management, Ahmedabad (IIMA) etc. It has also promoted the Centre for Environmental Planning and Technology University (CEPT) focusing on architecture, urban planning and related faculties. It was the first ones to start a commerce college and the first in India to start a college in pharmacy.





Essence of Ahmedabad University is: “To foster continuous progress of self and society.”

Our mission is:

- To prepare leaders of outstanding character who will contribute significantly to their fields of study and practice.
- To build an evolving learning environment that is based on cross-disciplinary linkages among the arts, sciences and professional disciplines, combined with rigour and reflection.
- To actively advance research and intellectual enterprise at the University and society.
- To promote independent mindedness and diversity across all dimensions of the University.
- To generate knowledge that provides a context of learning and contribution to India and the world communities.
- To actively advance the social, economic, and ecological development of local, national, and international communities.
- To catalyse students to mature into critical thinkers who are analytically equipped, practically oriented and ethically driven.

We recognise that social challenges and job opportunities are occurring at the intersection of various axis of influence, defined by disciplines (data, materials, biology and behaviour), nature (air, water, forests and land), sectors of impact (health, transport, energy and education) and society (individual and community). Accordingly, Ahmedabad University strives to guide students on how to learn through interdisciplinary academia and real-life experiences that traverse these intersections. Research programmes at the University also embody this integrative philosophy.

The University puts special emphasis on experiential learning and provides opportunities for commercialising innovation and start-ups. Ahmedabad University offers undergraduate, graduate and doctoral programmes in a wide variety of areas including management, life sciences, engineering and computer studies. We will introduce undergraduate and graduate programmes in Arts and Sciences starting 2018; these will be both broad in exposure and deep in learning.



Pankaj Chandra

Vice Chancellor & Chairman,
Board of Management,
Ahmedabad University

Chairman's Message

Building on the Foundations

It is with great pleasure I present to you this annual report 2015-16. The annual report shines light on our pathway to becoming a University that matters. It is a record of what we have been able to achieve and what we are working towards. It is also an invitation to participate with us in our various experiments and in transforming higher education in India. For the Board and me in particular, it is a marker of time and the underlining of the strategic thrust at Ahmedabad University. It is such an exciting time for our University; we are young and have a 21st century world view. As we move to build a liberal education driven University, we are aware of the inadequacy of the learning environment in our universities and are consequently redefining what happens in the classroom so that our students are ready for the changing market environment. Traditional skills and employment are under tremendous stress and the youth are struggling to reconcile their passion with a vocation. New jobs and opportunities are occurring at the boundaries of disciplines especially where data, materials, biology and behaviour interact. Ahmedabad University is committed to building an environment of learning where a student can explore these boundaries and build a more customised learning pathway by choosing from a diversity of courses, pedagogies and sectors of application. We believe that the University exists for the learner, and student must truly participate in the designing their own learning trajectory – a choice based curriculum both in letter and spirit. I feel very privileged to lead the University at this exciting juncture and I want to express my gratitude to all who have come before and built the University to where we are today.

The strategic vision of the University is to make a unique contribution to learning and research-led curriculum through our various schools and centres, our network of global partners and our abiding pursuit of learning by doing. We are now four schools and two centres; we are trying to consolidate as one single brand, the Ahmedabad University. The boundaries of each school will allow interdisciplinary exploration to address complex problems facing the society while building deep disciplinary skills. This is what will set us apart by building the University into a think lab which will provide the students and the faculty a platform to bring their learning into practice by crossing the boundaries. We want to build a culture which will open minds of our students to think independently and beyond limits.

In the coming years, our focus will be to establish the University as an academically serious institution. We will be, one, reinventing the classroom to ensure that our students discover their passion and enhance their engagement with the learning; two, building a foundation programme that provides the framework for liberal education; three, expanding the scope of the School of Arts and Sciences to advance the fundamental basis behind our education; and fourth, strengthen the research support and outcomes at the University to contribute to the ideas and challenges facing the society. Ahmedabad University is building a distinctive campus in the middle of the city and a culture that will support its aspirations.

We have a lot to look forward to as we continue to strengthen Ahmedabad University.

Schools



AMRUT MODY SCHOOL OF MANAGEMENT

The Amrut Mody School of Management (AMSOM), offers diverse programmes under the umbrella of Management, covering the entire ambit from undergraduate to doctoral degrees and short term certificate programmes for practitioners. The school works in close collaboration with industries so as to provide a robust balance between practical orientation and conceptual education. It enables learning through project based pedagogy through in-depth projects and international collaborations while offering access to courses from other schools and partner universities and opportunities to engage with resources and initiatives at the Centre for Heritage Management and the VentureStudio. The certificate programmes are contemporary and designed to suit the needs of professionals and industry.





AMSOM *at a glance*

Consistent with the University's vision AMSOM is providing broad education with focus on improving learning ability and interdisciplinary approach, the pedagogy and curriculum structure of programmes have been revamped. Accordingly, a University-wide common calendar will be adopted for all programmes from academic year 2016-17. Further, basic courses in communications, economics and mathematics have been standardised and will be offered in classes made up of students from several degree programmes such as BCom, BBA, iMBA, etc. The school and the university are aggressively implementing choice based credit system in order to provide more choices for the students. In this context, Ahmedabad University has signed an MoU with CEPT University that permits Ahmedabad University and CEPT students access to courses at both universities without any extra fees. During 2015-16 the modalities and other details have been worked out and the changes are targeted for implementation in the next academic year, 2016-17.

Internship

Graduate Programme

Integral to the academics at AMSOM, Summer Internship is an important part of the curriculum. We strongly believe that it not only provides hands-on first-hand experience about the corporate world to the students, but also prepares them for the challenges that they need to face in the future. As a requirement of summer internship, the students are required to join the corporate world for six to eight weeks at the end of their first year MBA. 151 students from the class of 2015 – 2017 underwent summer internships. This year the summer internship period started from 25th March, 2016. The highest stipend offered was Rs. 24,000 p.m.

This year our students worked for 82 companies/start-ups in and outside Gujarat which include companies/start-ups in various areas like IT, Pharma, Government/NGOs, Research, Consultancy, Hospitality, Banks and PSUs, Financial Services, HRM. Some of the firms that the student worked for include Aditya Birla Group, Ernst and Young, Axis Bank, Uber, Arvind, Prakash Chemicals, Adani Wilmar, Hyatt-Regency, Cadila Pharmaceuticals, Indusa Infotech, YoWheelz, Career Khojj, Birla Sunlife Asset Management Company, Angel Broking Ltd., DDB Mudra, Triton Communications, Columbia Asia Hospital, Havmor Icecream Ltd., Waghbakri Tea Group, Airtel, Zydus Hospitals, Adani Power, Punjab National Bank, Reserve Bank of India, Intellicon, etc.

Undergraduate Programme

Pursuant to quality education and to provide connect between theory and actual practice, students of second year iMBA, are required to undergo a 4-6 weeks rigorous industry internship at the end of the year. During this period the students are expected to participate in the activities of an organisation as directed by their company guides. Students have to intently try to learn, through listening, observation, questioning and performing the activities in their respective work area and beyond as expected by the organisation. To achieve this purpose, the institute initiated discussions with nearly 75 organisations. Out of which 36 organisations found a match of their requirements with our students. 72 students were placed in various functional departments of these organisations – Human Resources, Marketing, Finance and in some cases specialised functions like Branding. Also, students were placed in various cities of the country – Bengaluru, Pune, Mumbai, Kolkata to name a few. One student was also placed with the Al Hajiry Group, in Muscat, Sultanate of Oman. The organisations where our students got placed came from diverse sectors. We had Financial Institutions (Bank of Baroda, Hinduja Leyland Finance), Retail Chains (Hearty Mart, Metro Cash & Carry, Renault, Benchmark Cars), B2B Organisations (Alpha Pigments, Alps Chemicals), Consultancy Services (The Co., The Human Matrix, Left & Right), Technology Start-ups (Computo Vision, LOL Ventures, Exim Analyst) and Real Estate Developers (Malani Constructions, DBS Communities). One of the students had also opted to work for our own University's Office of Admissions and Financial Aid. Considering the trade-off between learning opportunity and stipend, we always choose the opportunity. However, a few of our students earned stipends of up to Rs 10,000/- pm.



PROGRAMMES

AMSOM aims to create professionals who are 'industry ready'. The main thrust of the program is to develop the inner strength of our participants through value oriented education.

Bachelor of Commerce (BCom)

A three year programme which offers mainly three tracks of specialisation in compulsory electives for the students in their final year of studies – Law, Taxation, and Banking, Financial Services and Insurance (BFSI). Over and above these the students are offered multiple general electives to choose from all through the three year study programme. There are electives in liberal arts and foreign languages in the first year, while electives in the second year range from Sociology, Psychology, to Economic Geography etc.

Bachelor of Business Administration (BBA)

The programme provides depth and width to a student's professional competence. A student can opt for dual specialisation choosing any two from five sets of electives in the third year, namely: Marketing, Finance, Human Resources, Entrepreneurship and Economics. This specialisation offers students a comprehensive understanding on specialised courses with practical insights.

Integrated Master of Business Administration (iMBA)

The Integrated MBA Programme (iMBA) has been designed with a thrust on entrepreneurship and family business. The curriculum of iMBA programme is different and more challenging as it encompasses avant-garde industry relevant courses, multiple internships and more rigorous as well as participatory content and pedagogy.

Master of Business Administration (MBA)

The MBA programme is a two year programme with four semesters and is innovative and contemporary in its design. The course structure is flexible and it provides the students a vast variety of courses to choose from. The courses offered are continuously upgraded to improve their relevance.

Doctoral Programme (PhD)

The doctoral programme in Management is designed to provide both research capabilities and domain knowledge to doctoral students in various subjects. The programme aims to build competent academicians, teachers and researchers in various fields. This is a high intensive research oriented academic programme involving both course work and research. The course work spreads over two semesters and consists of core courses as well as domain specific courses.

Placement

The MBA Class of 2016 received 120% offers and 100% of the students seeking jobs were placed. The offers spanned all functional areas including marketing, finance, HR, IT and operations. While Axis Bank, Berger Paints, ICICI Securities, Indusa, IndusInd Bank, IQR Consulting, Janalaxmi Bank, Just Dial, SBI Life were some of the regular recruiters; Exide Battery, Emami Products, Godrej, Havells, ITC, Knocraft Analytics, Kotak Mahindra Bank, Landmark Group, MRF, Tatvik were among the first time recruiters on the campus.

Total Students Enrolled 2990

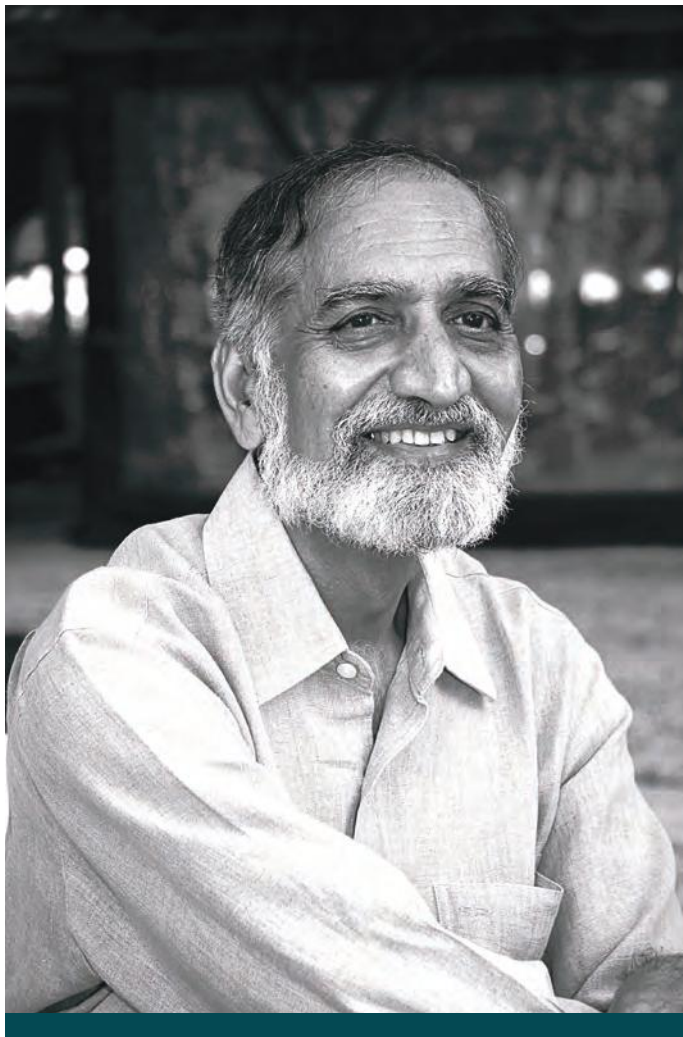
Total Under-Graduates 2674

Total Post-Graduates 306

Total PhD Students 10

Total Faculty 55

Total Staff 115
(including faculty)



Professor Kiran Karnik

In Conversation with Professor Kiran Karnik

Kiran Karnik is the former President of NASSCOM and a well-known leader and spokesperson of the IT-BPO industry. He is also on Ahmedabad University Board of Management.

Sir, International technologies; if implemented well at local level suitable to regional tendencies and the same resulting into the betterment of technology, could that be termed as a form of Glocalisation?

Yes it very much is! The whole concept of Glocalisation is living in the global world, taking global things, but then using it and adapting it at a local context. So taking technologies as an example; internet is reaching out at a global level and then using it at a local level for local purpose, I think that could be a good example of Glocalisation. One more specific example would be say some handicraft makers in Kutch and through internet he/she can get a medium to sell his work locally as well as market his work globally; thereby he could work locally and sell globally making it a Glocalised thing.

So, sir referring to the same example of handicrafts, can we say that people want a human touch to identify the good piece of work, but then on internet that will not be possible; Can we say that this could be a peril to Glocalisation?

Yes absolutely! This is one thing that you are seeing the more success the more globalisation you see where the machines are playing a major role. Say the same burger of McDonalds could be sold anywhere in the world but the price will not be the same. People are looking for an experience that is local, that's hand-made and that's different and no two same pieces are absolutely alike. So in whole lot of process of being local yet having a global reach there could be such types of perils.

Sir, 'Change' or 'an adaptability' is very important therefore if Glocalisation is making significant change in the everyday lives of common people so how critical is it that academic leaders recognise and respond to the change?

Well it is absolutely critical because academic leaders have a responsibility to mould the next generation who would be carrying the businesses to another level are getting trained today so we must be aware about the forces that could lead to the improvement. 10 years back the academic community or committee had to take care of globalisation that is to reach out the world but today the new need or a trend is to learn about Glocalisation and all the aspects of the same. One of the essential thing to learn would be not giving up on the global world and yet rotate very much in the local level. Therefore the academic community must begin to look at how this could be built into cases and to teach the pedagogy to make young people aware of both possibilities and the opportunities as well as the challenges of Glocalisation.

Sir, talking about the challenges; what could be the challenges or constraints that the states and the individuals would have to face in responding to their global moral values?

This is a one big challenge. As the world gets global to what extent does our values or culture gets shaped or influenced both negatively as well as positively by the global trends is a big question in front of everyone.

Also the extent of our ability to retain the values and the culture that exist is very essential. So in a country like India the culture is very strong and resilient and we have seen this for centuries people come all over the world as invaders, refugees and in many different forms and they all got absorbed into India and we made them the part of our culture rather than adopting their culture. Yes we have something that we call westernisation but that too is somewhere somehow Indianised. You see on MTV we see Hindi or the Punjabi music, so to me that is form of how we have absorbed other cultures and it is definitely a challenge to do that. Countries that have dealt with it before India, country like Japan is a very good example to that they have very strong global reach and global economy but yet they were able to retain their Japanese culture including their language. So there are pros and cons to it but they have shown that there is a possibility that you reach global markets and at the same time you could be able to retain your culture that is very essential and meaningful.

Sir, usually people think about Glocalisation in a commercial and corporate set-up but do you think that it had been in existence since long because say for example literature and the translation in it so as to expand its reach and availability is a form of Glocalisation as well?

Absolutely! Literature is a very good example because translation in it has been there since very long and to translate an original language suitable to other regions is a form of Glocalisation and so we are experienced in it. Many centuries ago India was a trading country and many traders from Rome and Greece used to trade. Also some time back they did a mousiris heritage thing in Kerala and found that 2000 years ago roman traders used to come and trade the spices so we have this sort of interchange and yet we have a local committee to implant it. So we are experienced in it and looking at Glocalisation with literature as the focus is a very different and good example.

Sir, Glocalisation is it a risk or a calculated risk?

I don't think there is a risk in it, of course there are challenges to it but there are more opportunities to it. We must leverage and use the global opportunities whether it is technology, trade, literature, culture or anything. So a proper balance could definitely be fruitful so there are challenges and we should not be drowned into them but yes we could see it in form of opportunities.

Sir, in economy like ours what is more suitable: Globalisation, Localisation or the Glocalisation?

See in current times only being localised is not enough neither being just globalised is enough but the combination of two could suffice the agendas of both of these things and that is why the process of implementing both of these is called Glocalisation and yes I think that definitely it would be more suitable to implement Glocalisation over the two.

Sir, what would be the role of the third party such as government in implementing the glocalisation?

I think the role of government should be minimal. The government should facilitate and promote the process so as to become a helping hand in retaining the culture at regional level as well as growing on the global market. So the government should be playing a supporting role while the implementation of Glocalisation is being done.

Article from "Drishti"

FACULTY ACHIEVEMENT

Anay Mashruwala received Best Entrepreneurship Faculty Award for Central and Western India by NEN.

Mita Suthar has been awarded 'Best Teacher Award' by Ahmedabad University.

Taral Pathak's paper - "Hedge Accounting- Concepts, Issues and Challenges for Risk Management in Energy Sector" has been awarded 'Best Paper Award' at the International conference on energy and infrastructure management organised by Pandit Deendyal Petroleum University, Ahmedabad.

Mita Suthar's paper "Containing Volatility in Emerging and Transition Economies" has been awarded 'Best Paper Award'. It was submitted to the First International Conference on Humanities and Social Sciences on 28th-29th January 2016, held at St. Thomas' College, Kerala.

STUDENT ACHIEVEMENT

NEN (National Entrepreneurship Network) **High Impact Institution Award** for Central and Western India.

NEN debutant Institution Award For Central and Western India.

Pooja K. Shah bagged the 38th AIR at the May 2015 CA IPCC Examinations. She was ranked 2nd in Ahmedabad.

Nimisha Mahendra Jain bagged the 48th AIR at the May 2015 CA IPCC Examinations. She was ranked 5th in Ahmedabad.

Eshan Shah bagged the 49th AIR at the May 2015 IPCC Examinations. He also bagged the 5th rank in Ahmedabad.

Events at AMSOM



AnandMela

In the eighth edition of AnandMela – a fun fair for underprivileged children, the entire campus was made a welcoming place to 600 kids associated with various organisations such as Visamo, Helpline Education, Samvedana, Seva, Khanpur Juvenile Home, Sparsh and Gulbai Tekra Kids. The joy brought on the faces of children with the sensitivity infused in mind of students became reflective of the true idea of happiness.



B-Plan Competition

The Business Plan Competition is for the third year students of BBA Programme who work rigorously on their innovative business ideas and develop executable and detailed blue-print with the industry analysis, marketing-operations-finance plans and the feasibility of the business. This year, the competition was among ideas Inter-Alia Roo – Organic Sanitary Napkins, Unlike Others-Event Management Co, Ahmedabad Tiffinwalas and Mellow – Sauces in Sachets.



Antarnaad

The Voice from Within, BBA's Annual Cultural Fest is an exciting blend of culture, intellect, dance, music and food. This year's Antarnaad had an overall theme of 'Shades of Blue'. Students participated in a host of competitions ranging from Masterchef to Antakshari and Janta Ki Adalat.



AMSOM-BKMIBA 4th Annual Lecture

In furtherance to our initiative, 'In conversation with leaders...' this year the 4th Annual Lecture at AMSOM-BKMIBA was graced by Shri. Kiran Karnik, Former President, Nasscom. The event was held in the presence of Pankaj Chandra, Devanath Tirupati, B.M. Shah, to name a few. Shri Karnik hit the right chords with the students through his interactive lecture on "*Humans need not apply*". Through his lecture he stirred the future leaders in making to adopt curiosity as an integral part of their everyday life. This curiosity to innovate and discover would blend them in the changing knowledge spectrum of the world. He also emphasised on the contribution of knowledge in changing the world. He inspired the students to adopt small yet significant changes in their life to make them into better leaders and contribute towards making this world a better place.



ArthVaad

ArthVaad is an Inter-Collegiate Economics fest, hosted by BBA programme. It is an event that intends to integrate Economics with mainstream management studies. The events are designed in order to elicit a holistic understanding of the various branches in Economics. ArthVaad has been conceptualised as a confluence of ideas, rooted in the science and philosophy of Economics and its tracks. We intend it to be a place where undergraduate and postgraduate students are given free reign to explore the possibilities that lie within the realm of Economics.



Capstone – Business Research Project

The Capstone research is a part of curriculum for BBA students giving them the opportunity to sharpen their research and analytical skills. This year, the highlight projects were on the topics: 'A study on the impact of brick and click revolution on the companies', 'A study of content portrayal in media and entertainment industry – an ethical perspective' and 'Impact measurement of micro-finance and problems with its evolution in India'.



Catalyst 2016

Catalyst 2016, held on the 19th February 2016, was a one of its kind, National Conference on 'Redefining the Canons' organised by BCom Programme. At the Catalyst 2016, the budding researchers were provided with a platform to exhibit their research as well as presentation skills on the theme of the conference. Purely intellectual in nature, Catalyst 2016 aimed to sensitise the students towards the imperative and much needed transition our society has undergone as well as desires in various fields and aspects. Professor Jeemol Unni, Director of Institute of Rural Management, Anand, graced the occasion and delivered the keynote address. She shared with the young participants of the conference her journey of research and offered them with a very precise and deeper understanding of the importance of research in the growth of an individual. She also addressed the expected objective of having people to break out of the set structure and divert their intellect and research towards an unconventional change for a better society.



Collegiate Women's Development Cell

The activities organised by CWDC revolved around issues of self-image, sexuality, and patriarchy and gender sensitivity. They organised a panel discussion on 'Women in Workforce' by Dr. Gauri Trivedi, a Retired IAS officer and Dr. Darshana Thakkar, a Gynaecologist/ Obstetrician. In another such event, Dr. Riddhi Shukla, delivered a small talk on the female reproductive system, menstrual myths and facts and concluded with a brief talk on sexual health.



Concourse – Management Meet

The annual intercollegiate national level management meet, Concourse is hosted by the BBA Programme. It provides students with an opportunity to exhibit their intellect and interact with not only their student counterparts but also with stalwarts from the industry.



Drishti – Editorial Committee

For Drishti the monthly wall magazine of AMSOM-BKMIBA students, the themes were based on current affairs and student's education experiences. Some other themes invited ideas on Religion, Racism, Reservation: A boon or a bane, Kashmir: Said- Unsaid, Intolerance in India and Relations. The eleventh annual print edition of the magazine is designed on the theme 'Glocalisation'.

Faculty Seminar

A faculty seminar on *“Teaching Business Ethics with special focus on Environmental Responsibility, Using Hinduism As A Tool”* by Ruchi Tewari and Ekta Sharma was conducted on 13th April 2016.



Ratnamani – Social Research Project

In Ratnamani research, BBA students across three years form teams and collectively carry out a research on a topic related to social concerns. These topics being evaluated on various parameters are then funnelled down to top three for a competition. This year, such competition was among topics like ‘Citizenship Status of Gated Community’, ‘Idea and perception of organ donation’ and ‘Myths and realities of sanitary napkin usage’.



Intellectus 2016

Intellectus 2016 was organised on 8th-9th January 2016. 37 colleges of 12 universities across Gujarat had participated in Intellectus 2016. Mamta Keswani of BCom. scored maximum points. However the host college participates on non-competitive basis.



Shutterbugs

Shutterbugs – the photography club organised various photo-walks to places such as Sarkhej Roza, old city of Ahmedabad, Law Garden, Adalaj Ni Vav, The International Kite Festival and also organised photography competitions for students. To improve photography skills and give students exposure the art of photography, the club organised various workshops.



Navratri '15

The MBA programme celebrated its Navratri festival – Ramnat on 16th October, 2015. With an aim to encourage their students to develop their overall personality through cultural events. To continue their philosophy of industry-institute interaction, they had invited the industry to participate in sponsoring the event. Priority Insurance was the main sponsor of the event. It was not only an opportunity for the students to dance and have fun but also network with their alumni.



Spandan '16

The MBA programme organised its annual cultural festival, “Spandan” to provide a platform for the students to portray their latent talent. It is a cultural festival full of energy, enthusiasm, activities, rhythm, and fun. Like every year, the students had organised both literary and cultural events under the aegis of Spandan. This year Spandan was held on 12th-13th February, 2016. Events ranging from Salad/ Chaat competition to T-shirt Making, Ad Mad Show & Face Painting competitions which tested their grit in design. Just-a-minute & poetry which tested their literary skills. Business Quiz which tested their quizzing skills. Dance, singing and fashion show which brought out their talents were organised in the event this year. All the events were open for participation to students of Ahmedabad University and peer institutions of repute.



Sports Festival 2016

Sports Committee of BCom programme organised Sports Fest. It included Inter Year matches of events like Handball, Basketball ball, Kho-Kho, Volleyball, Kabaddi and Athletics for Girls and Boys. Large number of students from across three years participated in this Sports Fest.



The Business Club

The Business Club organised 'Live Screening of the Union Budget 2016-17' followed by an analysis and a discussion. The club facilitated the programme called 'Global Student Sandbox for Entrepreneurial Ideas' by Syracuse University and JP Morgan. They organised Business Standard Quiz and screening of business related films. A session on entrepreneurship and idea pitching with two experts from the Boston entrepreneurial ecosystem was arranged.

AMSOM other events and activities are covered in Appendix B, Page 108.

Industrial visits



Undergraduate Programme:

The students of BBA Semester II visited different industries to understand the production process and various managerial perspective of an industry. They learnt about various kinds of marketing as well as the human resource practice carried out at different industry. The students gained knowledge on safety regulation and practices being followed in the industry. The entire class of 360 students were divided into 8 groups of 45 students each, who visited 8 different companies viz. Ramdev Food Products, Chem Process Systems, Ingersoll Rand, Mazda Limited, Jindal Worldwide Limited, Sachin Industries Limited, Kheria Autocomp Limited, Hindustan Coca-Cola Beverages.

For every industry visit they had a discussion & query solving session with the plant officials, technicians and production heads, in few cases with the Managing Director of the company. This helped the students to understand the process in the practices followed by the company.

Educational Trip - Discovering India

This year 75 students accompanied 5 faculty members to visit the North India region from 20th -31st December, 2015. The excursion trip is a part of the course requirement, **Discovering India**, where the students are taken to the historical sites to learn the history and culture of India. This helps them understand the socio-political and cultural aspects unique to the Indian milieu.



Research at AMSOM

Both undergraduate and graduate programmes at AMSOM pre-date Ahmedabad University in existence, as they were initially colleges affiliated to the Gujarat University. However, the focus was on teaching programmes with little emphasis on research. This has changed since formation of Ahmedabad University and the programmes have been revised extensively to include research component and courses on research methods even at the undergraduate level. Similarly, faculty were strongly encouraged to obtain a doctoral degree. Research output in the form of publications in peer reviewed journals and conference proceedings is now recognised as key performance metric, in addition to teaching related measures. Further at Ahmedabad University and AMSOM, academic research is considered as part of regular workload of faculty. As a result of these initiatives research output from faculty has increased significantly in recent years. For example, in 2015-16, seven faculty members of AMSOM completed and submitted their final thesis documents and are expected to receive their doctoral degrees during the current year (2016-17). In addition the research output of faculty includes 28 publications in peer reviewed journals and 11 refereed conference proceedings. The details of these publications and other research activities are reported further.

STUDENT'S RESEARCH ACTIVITIES

Following are the research papers presented at Catalyst 2016, organised at AMSOM-HLIC on 19th February, 2016

- **Dharini Shah and Jay Laddha** presented a paper, "Corporate Social Responsibility"
- **Quisha Patel** presented a paper, "Corporate Social Responsibility-A new of Philanthropy"
- **Gunit Sahni** presented a paper, "Ban - First or the Last Resort"
- **Margi Thacker and Parita Shah** presented a paper, "Digital Wallet a Fad or a Change Maker"

Manish Chhatlani and Rutul Shah presented a paper on "Learning, Unlearning and Relearning: Walking on the shoulders of Education to develop skills" in Vishleshan organised by NRIBA on 19th September, 2015.

Research Output

JOURNAL ARTICLES

- Barot D, Patel M; ***Posterior Risks of Estimates under Balanced Loss Functions for Progressive Type II Censored Data***, 2015, Model Assisted Statistics and Applications, 10, 73-87.
- Barot D, Patel M; ***Posterior Analysis of the Compound Rayleigh Distribution under Balanced Loss Functions for Censored Data***, 2015, Communication in Statistics – Theory and Methods. DOI: 10.1080/03610926.2015.1019140.
- Barot D, Patel M; ***Risk functions of Rayleigh Model under Progressive Type II Censored Samples: Empirical Bayes approach***, 2015, Journal of Probability and Statistical Science, 13(1), 103-120.
- Barot D, Patel M; ***Performance of Estimates of Reliability Parameters for Compounded Rayleigh Progressive Type II Censored Data***, 2015, Control Theory and Modelling, 5(2), 33 – 41.
- Barot D, Patel M; ***Preference of Estimation Approach for Rayleigh Progressive Type II Data***, 2015, Journal of Natural Sciences Research, 5(3), 11 – 17.
- Christie J; ***A study to understand relationships between perceptions of academic environment, learning approaches and learning outcomes among MBA students of Gujarat***, 2015, International Journal of Scientific Research, Vol 4 No. 7, 143-147.
- Dalal K; ***A Review of Financial Literacy and Gender Issues in India, 2016***, International Journal of Research in Social Sciences.
- Gadhvi N. K, Bhimani G. C; ***Inference for Exponential Competing Risk Failure Model***, 2016, Journal of Advanced Statistics, 2, 76-86.
- Gandhi P, Taneja N; ***An inquiry into entrepreneurial characteristics amongst students in Ahmedabad***, 2016, Asian Journal of Management Research, Vol. 5 No. 4, 487- 496.
- Johri M, Pandey S; ***Locating Hijra Identity in Indian Public Sphere: Analyzing Seven Steps Around Fire by Mahesh Dattani***, 2015, WJGL: A Refereed Bi-annual Journal of Gender and Literature, Vol. 2 (1).
- Kadiya S; ***Rainfall and Work demand pattern under MGNREGA: A study of select states of India***, Nirma University's international edition on Macro and Micro Dynamics for empowering Trade, 2016, Industry and Society Special Edition.
- Kureshi S, Thomas S; ***A study of Cause related Marketing initiatives and consumer insights – Evidences from Indian Context***, 2016, South Asian Journal of Management.
- Mehta B; ***Emergence and Acceptance of Sharing Economy in India: Understanding through the Case of Airbnb***, 2015, International Journal of Online Marketing, Vol. No.5, Issue 3. 1 - 17.
- Pandey S; ***Media and Practices of Mediation: Role of Activist Documentary Films in India Mediasphere***, 2015, Labyrinth, Vol. 6 No. 4.
- Parikh J, Disha P; ***Trend Analysis of Doctoral Education in Gujarat during the period 2010-2012***, 2015, Journal of Business Management and Social Sciences Research, Vol. 4 No. 11.
- Parikh J; ***Content Analysis of Print Advertisements of SUVs in India***, 2016, accepted for publication in Journal of Communication and Media Technologies, 6(3).
- Parikh J, Pandit D ; ***Trends in Doctoral education in Gujarat from the period 2001-2012***, 2015, Journal of Business Management & Social Sciences Research, Vol. 4. Issue 11.
- Patel S; ***Women and their Representations in Amrita Sher-Gil's Portrayals***, 2015, International Journal of English Language, Literature and Translation Studies, 2, 90-99.
- Pathak S; ***Impact of social media on the vanity level of students in India***, 2015, Media Watch, Vol. 1 No. 4, 309-317.
- Saxena S; ***Anticipated Work-Family Conflict in the Case of Female Management Students-An Empirical Investigation***, 2015, Journal of Training and Development, Vol. 4 No. 1, 1 89-97.
- Saxena S; ***An Empirical study on Decision Making Styles among Students pursuing interest in Sustained Family Businesses***, 2016, Siddhant, A Journal of Decision Making, 71-79.
- Saxena S; ***Working Mothers at the Crossroads – Work Family Conflict and Childcare***, 2015, Siddhant, Vol. 7 No. 3, 57-68.

- Sharma E; *Mapping Personality to Enhance Personal Effectiveness*, 2015, Prabandhan: Indian Journal of Management.
- Sharma E; *Work Life Balance Index of Indian Professions: Food for thought for policy formulators*, 2015, Journal of Basic and Applied Research International, Vol. 15 No. 3.
- Sharma E, Tewari R; *Engaging Employee Perception For Effective Corporate Social Responsibility: Role Of Human Resource Professionals*, 2018, Global Business Review, 19.2.
- Sharma E; *Creativity Assessment of Students Pursuing Higher Education*, International Journal of Innovation, Creativity and Change. 2(1).
- Tewari R, Sharma E; *An Investigation into the Expectations of the Recruiters and the Preparedness of the Management Graduates for Effective On-Job Performance*, 2016, The IUP Journal of Soft Skills, Vol. 10 No. 1, 1-10.
- Tewari R, Pathak S; *Impact of Social Media on the Vanity Level of Youngsters in India*, Media Watch, 2015, Vol.6 No.3, 309-317.
- Tewari R, Sharma E; *Role of HR in Augmenting CSR Practices in Family Run Businesses in India*, 2015, Review of Human Resource Management, Vol. 4 No.1, 11-18.
- Thomas S, Kureshi S; *Exploring the interconnections of consumer preference between cause type and cause scope in a Cause Related Marketing activity: Evidence from Indian Context*, 2016, forthcoming in International Journal of Indian Culture and Business Management.
- Tirupati D, O Palsule-Desai, Shah J; *Product line design and positioning using add-on service*, International Journal of Production Economics, 2015, 163, 16-33, <http://dx.doi.org/10.1016/j.ijpe.2015.02.007>.
- Trivedi B.S, Patel M.N; *Estimation of Parameters of Misclassified Size Biased Discrete Lindley Distribution*, 2016, Communications in Statistics - Simulation and Computation.
- Trivedi T; *The Dance of Displacement: The Case of Indian and African Migrants in the Caribbean*, 2015, GNOSIS XXX.
- Vyas P, Pathak B.V, Saraf D; *Impact of Demerger Announcement on Shareholder Value Evidences from India*, 2015, Journal of Management & Public Policy, Vol.7 No. 1.
- Yadav S, Padia D; *A Study on Identifying Gender Issues across Four Academic Institutes of Ahmedabad Education Society*, 2015, VNSGU Journal of Humanities & Social Sciences, Vol.5, Issue 1.
- **BOOK CHAPTERS**
 - *Emerging Horizons in Finance, Dividend Signalling Effect: An Empirical Study of Indian Mid-Cap Companies*, Bloomsbury Publishing India Private Ltd, 2015, 277- 290, Gandhi P, Taneja N.
 - *Advance Management Practices in Business, Corporate social responsibility and HRM in India*, Book Hill publication house, Germany, 2015, 115-127, Saxena S.
 - *ICMC book, Psycho geometrics: An insight into purchasing behaviour of luxury watches and shape selection*, SAGE, 2015, Saxena S, Sanjana S.
- *Business Excellence and Leadership: Transforming HR for Enhanced Organizational Capability, Leadership Development in Practice: A Review of Common Practices, their Fallacies and Means to Overcome Gaps*, Excel Indian Publishers, 2015, 226-236, Bihani A, Panicker A.
- *Business Excellence and Leadership: Transforming HR for Enhanced Organizational Capability*, Emerging trends of Innovative Human resource practices in India: An Insight. "Innovative Processes for Transforming HR", Excel Indian Publishers, 2015, 314-324; Saxena S.
- *Transforming HR – Creating a Culture for Change and CSR, A framework for sustainable development through the integration of Cause related marketing and Human Resource Management*, New Delhi: Excel India Publishers, 2015, 229-249; Thomas S, Patel R.
- *Gujarat Economy, Structure and Performance, Issues of state finances in Gujarat*, Wisdom Publication ISBN: 978-93-81505-70-0, 2015, Page No. 174-192, Baxi H, Kruti Cases in Corporate Social Responsibility and Social Entrepreneurship, Value Creation through social entrepreneurship: A collection of five caselets, BOOKWELL, 17-28, 2015, Saxena S.
- *Revisiting Kathmandu: Safeguarding Living Urban Heritage, Traditions, materiality and community engagement with heritage: Rethinking authenticity in living heritage sites in Nepal*, UNESCO, 2015, 109-119; Chapagain N.K.

CONFERENCE PARTICIPATION

- Dalal K; *Commodity derivatives in India: Regulatory Issues 2015*, Conference proceedings published by SMPIC, GLS University, pp. 103-108, 2015.
- Saxena S; *Measuring Institutional Index*, IAM Conference, IIM Lucknow, 2015.
- Saxena S; *Linking Perceived Organizational Support with Job and Life Satisfaction: Quality of Work Life as a Mediator*, IAM Conference, IIM Lucknow, 2015.
- Thomas S, Gandhi N; *Environmental Sustainability: An exploration of relationship between Corporate Financial and Environmental Performance*, 4th International Conference on Sustainability and Management Strategy, Institute of Management Technology Nagpur in collaboration with California State University, USA and CSIR - National Environmental Engineering Research Institute, 2015.
- Shah S, *Summer Institute 2015 - Meeting the Needs of the 21st Century: Designing for Student Engagement*, Olin College of Engineering, Needham, Massachusetts, USA, 2015.
- Shah S, *4th Deshpande Symposium 2015* (Workshops and Symposium attended), University of Massachusetts-Lowell and Deshpande Foundation, Boston.
- Gadhvi N, Shah S; *A Comparative Study on Buying Behaviour of Rural and Urban Consumers On Banking Services in Ahmedabad District*, ANVESH - Nirma Conference for Doctoral Students, Institute of Management, Nirma University, Ahmedabad, 3 April, 2015.
- Padia D; *The Study of Growth Practices in Successful and Unsuccessful Small and Medium Sized Enterprises of Women in India*, Indian Institute of Advanced Study, Shimla, 21 May, 2015.
- Nayak D; *Conservation and Management of Historic Urban Areas*, University School of Design Mysore, 1 August, 2015.
- Patel S ; *What is the History of Art? UGC Sponsored National Conference on Knowledge, Affect, Power: Feminism in Social Justice Discourse and Practice*, St. Xavier's College, Ahmedabad, 4-5 September, 2015.
- Gadhvi N; Presented a research paper entitled, *"Inference for Exponential Competing Risk Failure Model"* at the International Conference ICSTC 2015 organised by: Department of Statistics, University of Kerala, Trivandrum, 17-19 September, 2015.
- Patel S; *Towards Relevance: A Liberal Turn in Indian Management Education, International Conference on New Trends in Humanities, Gender, and Culture Studies*, Department of English, N. G. Acharya and D.K. Marathe College of Arts, Commerce and Science, Mumbai, 9-10 October, 2015.
- Trivedi B; *Estimation of Parameters of Misclassified size-biased Discrete Lindley Distribution*, International Conference on Statistics for Twenty First Century, Department of Statistics, University of Kerala, 17-19 December, 2015.
- Gangal A, Gangal V; *Validating International Service Quality Scale in Ahmedabad: A study of Private Sector Retail Banks based on the SERVQUAL Model*, Indian Retail Conference, School of Business, Public Policy and Social Entrepreneurship, Ambedkar University, Delhi, 2016.
- Bihani A, Saxena S; *Organizational Cultural as an antecedent to Employer Branding*, MICA's 3rd International Communication Management Conference, MICA, Ahmedabad, 2016.
- Sharma E, Jha M; *Rift between Management Education and Industry Expectation*, 19th NICOM, Nirma University, Ahmedabad, 7-9 January, 2016.
- Sharma E; *Creativity Fostering Index of Teachers*, 4th ICPAS, Indian Association of Health, Research and Welfare, Delhi, 16-18 January, 2016.
- Patel S; *Digital Revolution's Impact of the Computer-Assisted Learning on Conventional Means of Education? First Global Conference on Contemporary Research in English Studies – Global Perspective*, Waymade College of Education – Charotar Vidya Mandal, Vallabh Vidyanagar, 4– 6 February, 2016.
- Shah S; FDP, *Case Method Teaching Seminar offered by Harvard Business Publishing & IIMA Case Centre*, hosted by NMIMS, Mumbai, 12 -13 February, 2016.
- Verma P; *Sales Organization Structure for Selling through Social Media*, IC16 Mumbai Conference, Vivekananda Education Society Institute of Management, Mumbai, 12-14 February, 2016.

- Tewari R. *Communication of CSR Responsibility through Press Releases: Analysis Of Indian And Multinational Companies*, 9th International Conference on Engineering and Management Education and International Conference on Innovation and Entrepreneurship, GTU, Ahmedabad, 24-26 February, 2016.
 - Mankodi K, Tewari R; *CSR in Business Clusters for Sustainable Regional Development – Case Study*, 5th Annual International Conference on Sustainability, IIM-Shillong, 17-19 March, 2016.
 - Tewari R; *International benchmarking of CSR Communication by Manufacturing and Services Sector in India*, 5th Annual International Conference on Sustainability, IIM-Shillong, 17-19 March, 2016.
 - Tewari R, Sharma E; *Teaching Sustainability through Traditional Wisdom*, 5th Annual International Conference on Sustainability, IIM-Shillong, 17-19 March, 2016.
 - Mehta B, Kaur M, Panda R; *Purpose and use of media channels by start-ups to build a brand*, Conference on Brand Management, IIT Delhi, 2 April, 2016.
 - Rawat B; *A study on Validity of Lintner's Model in Indian Healthcare Companies*, ANVESH 2016, Nirma University, Ahmedabad, 8 -9 April, 2016.
 - Verma P; *The Impact of Ban on Maggi Instant Noodles from the Retailers Perspective*, ANVESH 2016, Nirma University, Ahmedabad, 8-9 April, 2016.
 - Kadiya S, Bhatt V; *Fuzzy Logic application to Brand Assessment for Smartphones in India*, Conference on Brand Management, IIT, Delhi, 16-17, April, 2016.
 - Dalal K; *Alternative Finance in India: Regulatory Aspects, Proceedings at the 2016 Fintech Law in Asia Conference*, organised by Graduate School of Law, pp. 16-23. Nagoya University, Japan, 28 April, 2016.
 - Sharma E; *Stakeholder Engagement Matrix*, CERE 2016, IIM Indore, 5-8 May, 2016.
 - Jh M; *Stakeholder Engagement Matrix and Audit to strengthen Corporate Social Responsibility*, CERE 2016, IIM Indore, 5 - 8 May, 2016.
 - Pathak T, Patel A; *Hedge Accounting- Concepts, Issues and Challenges for Risk Management in Energy Sector, in Kishore*, Kaushal (ed) Energy and Infrastructure Management in Changing Global Dynamics, Excel Publishers, New Delhi.
 - Saxena S; *Mayur's Turnaround: 360 Feedback Not one more Human Resource Process*, IIM, Raipur, 2016.
 - Shriram K; *Rainfall and Work Demand Pattern under MGNREGA: A study of select states of India*. International Conference on Macro and Micro Dynamics for Empowering Trade, Page 288 - 298. Industry and Society. Institute of Management, Nirma University, Ahmedabad.
- ## INVITED LECTURES
- 7 December, 2015, *Hackneying Hybridity?—The Discourse of Inventiveness in Culture and the Canadian Immigrant Experience in M. G. Vassanji's Fiction*, by Shilpa Bhat, at York University, Canada.
 - 13 December, 2015, *Towards a framework for analyzing applicability and adaptability of Traditional Knowledge Systems (TKS) in Heritage Management in Asia*, by Neel Kamal Chapagain, at ICCROM-CHA Annual Conservation Forum on Asian Heritage, Bangkok, Thailand.
 - 23 February, 2016, *Heritage Values in Traditional Settlements: Context of Post-Earthquake Rehabilitation*, by Neel Kamal Chapagain, at ICCROM-DoA, Training Workshop on Post-Earthquake Recovery of Cultural Heritage, Kathmandu, Nepal.
 - 19- 20 March, 2016, *Voices of the World*, by Shilpa Bhat, at Department of Humanities and Social Sciences, IIT Gandhinagar.
 - 9 April, 2016, *2-way ANOVA and ANCOVA*, by Jinal Parikh, at FPM, MICA, Ahmedabad.
 - 14 April, 2016, *Discriminant Analysis*, by Jinal Parikh, at FPM, MICA, Ahmedabad.
 - 15 April, 2016, *Probability and Probability Distributions*, by Jinal Parikh, at Adani Institute of Infrastructure Management, Ahmedabad.
 - 19 April, 2016, *Hypothesis Testing*, by Jinal Parikh, at Adani Institute of Infrastructure Management, Ahmedabad.
 - 14 May, 2016, *Getting the city back to its people: The Ahmedabad Experience*, by Debashish Nayak, at INTACH, Bengaluru.

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- 15 May, 2016, *Getting the city back to its people: The Ahmedabad Experience*, by Debashish Nayak, at INTACH, Pondicherry.
 - 17 May, 2016, *Research Design*, by Jinal Parikh, at Knowledge Consortium of Gujarat, Ahmedabad.
 - 18 May, 2016, *Scaling and Measurement*, by Jinal Parikh, at Knowledge Consortium of Gujarat, Ahmedabad.
 - 10 September, 2016, *Getting the city back to its people*, by Debashish Nayak, at NUV Lecture Series: AUTUMN 2015, Vadodara, Gujarat.

WORKSHOP

- *“Integrated heritage-based development of Hooghly Riverfront”* workshop organised by UNESCO and Indian Heritage Cities Network Foundation with the support of the Department of Arts and Culture , Urban Development department, West Bengal and the Ministry of railways, Riviera in Kolkata. Attended by Debashish Nayak on 30 September – 1 October, 2016.

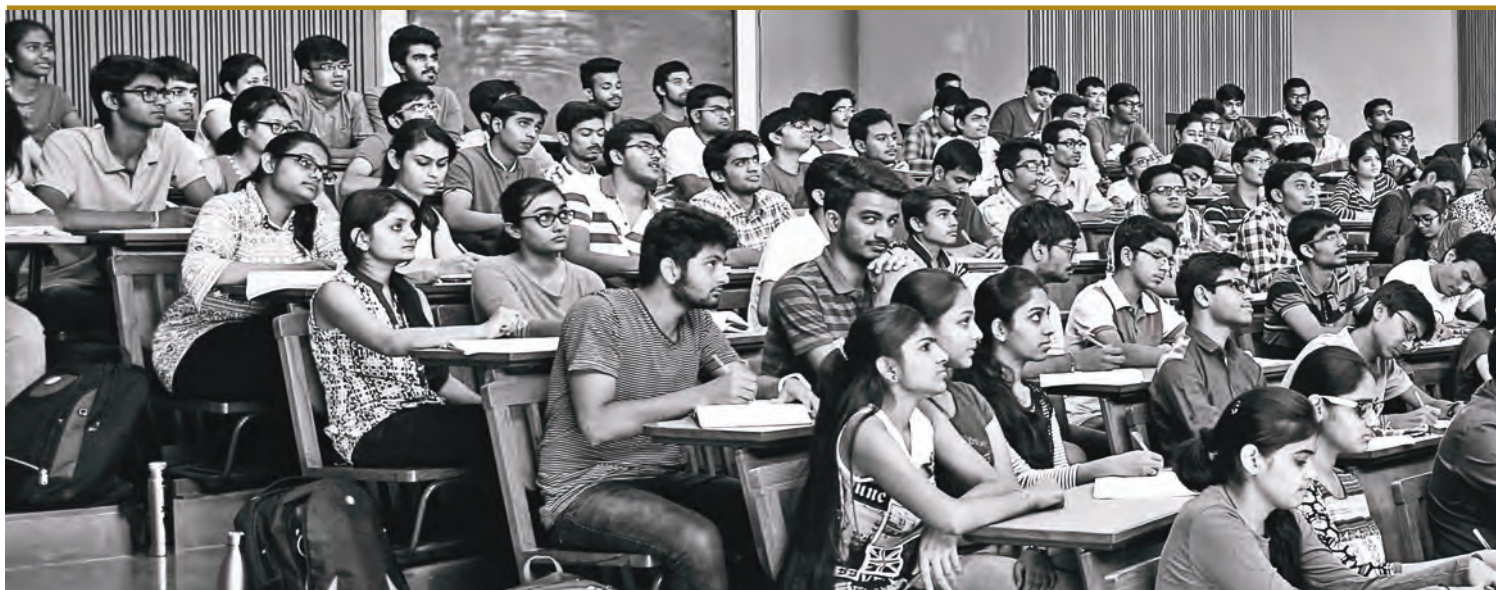


SCHOOL OF ENGINEERING AND APPLIED SCIENCE

School of Engineering and Applied Science, previously known as the IET (Institute of Engineering Technology) offers undergraduate and postgraduate engineering programmes with extensive student-centric pedagogies to produce relevant learning outcomes. In a fast changing world, engineering plays a very significant role in bringing together science, new inventions and technology to drive economic development and meeting social challenges in the areas from energy to environment to human health. The project-based approach and a design driven curriculum prepares our graduates with aptitudes for lifelong learning, complex problem solving skills, and design and integrated technological innovations.







SEAS

at a glance

SEAS offers undergraduate engineering programmes in Information and Communication Technology (ICT), Chemical Engineering and Mechanical Engineering branches, Masters programme in Computer Science and Engineering and PhD in ICT and Chemical Engineering. SEAS began initially as IICT (Institute of Information Communication Technology) with Bachelor of Technology (BTech) programme in Information and Communication Technology in July 2012. Later in the year 2014, BTech programmes in Chemical Engineering and Mechanical Engineering were introduced. MTech – CSE was also introduced from 2014. PhD (ICT) was initiated in 2013. BTech and MTech admissions are done through the Admission Committee for Professional Courses (ACPC) and through the NRI or NRI Sponsored Quota.

Constantly updated and multidisciplinary curriculum, use of extensive student-centric pedagogies, makes the SEAS curriculum well designed and unique. The BTech and MTech curriculum got a huge boost due to the integration of project based learning and design thinking. Ahmedabad University and Olin College of Engineering, Massachusetts, USA has forged a new partnership to promote educational innovation at SEAS.

Establishing the state-of-the-art labs for the chemical and mechanical engineering courses was quite a challenge which was overcome by accommodating the lab instruments in additional classrooms, basement etc. The courses along-with the lab sessions have started in full swing. Getting the right faculty was yet another stumbling block for the smooth functioning of the academics. Reputed professors from the leading technological institutes in the city were invited as visiting faculty and the students got the best teachers to teach the courses. But the strong support of Ahmedabad Education Society in terms of funding and the state-of-the-art infrastructure makes SEAS, one of the top ranked Engineering Institutes in Gujarat.

Placement

As the first batch of BTech (ICT) programme graduated in May 2016, it is a matter of pride to share that there is 106% placement offers and 75% placement has been achieved. More than 65 companies had approached SEAS with placement opportunities. Some of the leading companies who came to SEAS for engagement were ABB Corporate Research, Accion Labs, Amazon, Argusoft, Awaaz-de, AZURE Knowledge Corporation, Capgemini, Cignex Datamatics, Coviam, Collabera, DRC Systems, e-Clinicalworks India, eInfochips, Persistent Systems, Siemens, Silvertouch Technologies, Thelagic factory, Volansys, WIPRO, etc. MTech (CSE) students were placed in companies like eClinicalWorks India, Milestone Internet, SPEC India and IQM Corporation.



Internship

SEAS, encourages students to pursue internships to enhance their learning and to get a feel of how organisations work. Students of BTech (ICT) 6th Semester pursued their summer internship in Bharati Airtel - Ahmedabad, Capgemini-Mumbai, (n) Code Solutions, Gandhinagar and Siemens - Bangalore. Also the Students of BTech (ICT) 4th semester pursued internships at SRISTI Summer School 2016. Students of BTech (Mech.) 4th semester pursued internships at Ablaze Glass Works, Jyoti CNC Ltd, TATA Motors - Sanand Plant, Ahmedabad.

PROGRAMMES

We aim to preserve the dynamic culture and close connections established at SEAS, while expanding our ability to build bridges within the classroom and across the campus. Our Programmes include BTech, MTech, (with the option of a dual Bachelors and Masters) and PhD programmes.

Bachelor of Technology (Information and Communication Technology)

A four year full time programme, the Bachelor of Technology in Information and Communication Technology is a blend of computer science, tele-communications, electronics, signal processing, along with mathematics, physics, design, humanities and social sciences. It has the provision of offering a dual degree in BTech and MTech.

Bachelor of Technology (Chemical Engineering)

A four year full time programme, the innovative Bachelor of Technology in Chemical Engineering reflects contemporary chemical engineering practices and industry needs. Along with learning the foundations of the discipline, the students also learn how to solve real-world chemical engineering problems by developing extensive computer software skills and designing and configuring data networks.

Bachelor of Technology (Mechanical Engineering)

The four year Bachelor of Technology in Mechanical Engineering programme not only delivers training in classical mechanical engineering, but also emphasises on mechatronics – designing mechanical systems with embedded electronics.

Master of Technology (Computer Science and Engineering)

The two year Master of Technology programme in CSE was launched in 2014 with specialisation in Data Science and Analytics. This hands-on, live case study based programme is designed to meet the exploding need for highly skilled professionals in Data Analytics.

Doctoral Programme (PhD)

Research oriented students aspiring for an enriching experience in an inter-disciplinary world class research experience can pursue PhD at SEAS.

Total Students Enrolled 574

Total Under-Graduates 540

Total Post-Graduates 24

Total PhD Students 10

Total Faculty 22

Total Staff (including faculty) 60



STUDENT ACHIEVEMENT

Mayank Jobanputra, student of VI Semester BTech (ICT) was selected as a student facilitator for our campus for Google Applied Computer Science with Android Programme.

Shailaja K Sampat, 3rd year student of BTech. (ICT) attended MIT Global Entrepreneurship Bootcamp (MIT GEB), an initiative by Massachusetts Institute of Technology, Boston, USA to create a new entrepreneurial ecosystem by connecting entrepreneurs across the globe, held in Gangnam District, Seoul, South Korea.

Saurabh Chauhan, (MTech 2014 batch) was awarded student travel support of 1000 USD to present his paper with P. Patel, A. Sureka and S. Chaudhary 'IoT Suite: A Framework to Design, Implement, and Deploy IoT Applications' and participate in the 15th ACM/IEEE Conference on Information Processing in Sensor Networks (IPSN 16), Vienna, Austria, 11th-14th April, 2016.

Vaibhav B. Joshi (PhD scholar) received partial International Travel Grant from Centre for International Co-operation in Science (CICS) to present his research work in an international workshop on Digital-forensics and Watermarking (IWDW 2015) held at Tokyo, Japan.

CheckIT- A low cost mobile OMR system

Founders: Shashwat Sanghavi, Rahul Patel 4th Year BTech (ICT) Students

Faculty Mentors: Mehul Raval, Dhruv Gupta

Today one of the main challenges that developing countries are facing is making education easily accessible for all. Countries need to make education affordable while improving its quality significantly. We as students can relate to this challenge. Regular evaluation is crucial to enlighten the students about their errors and areas which need immediate correction. One can work on his mistakes only if he is fully aware about them. We kept this in mind and our goal was to develop a solution that enables easy, efficient and error-less evaluation. CHECKIT: Mobile phone based Optical Mark Recognition (OMR) system, is a system which will empower educators. This efficient and user friendly system will enable instructors to evaluate the answer key of Multiple Choice Question (MCQ) based question paper within seconds. This will help students work on their errors and keep them enthusiastic about the subject. OMR (Optical Mark Recognition) technology is used globally for checking answer sheets or data collections of MCQ (Multiple Choice Questions) based examinations or surveys. Traditionally these sheets were evaluated using dedicated OMR machines or scanners. Unfortunately, these conventional OMR systems hold a number of drawbacks like: 1. It has a high cost, size, 2. It use special quality high GSM paper to print OMR sheets, 3. The approach is centralised approach so it involves over heads like transportation cost. 4. The system operates on proprietary software. 5. The operators of such systems need special training in computers and softwares in order to use these machines effectively and efficiently. Thus, the current scenario appears complicated and expensive. It may discourage the educators from taking frequent tests using proprietary software. Moreover, it may result into delays between taking the test and announcing the results. This reason may significantly curtail the feedback time for a student to learn from mistakes and improve them.

CHECKIT is a mobile phone based OMR checker that takes the photograph of the OMR sheet and gives the result instantaneously. The system works with normal paper (approximately 80 gsm) instead of high quality specialised paper, which will result into saving of many trees. All one needs is a mobile phone which is easily available nowadays. Also, stakeholders involved need no specific training as clicking a simple photograph using a mobile phone is all one needs to really do. In many cases OMR sheets are checked manually which kills the main goal of automated, transparent and easy evaluation. Data analytics and visualisation can be applied on the data to check the progress of students. We have envisioned that with systems like CHECKIT in place efficient learning, testing and evaluation can reach the remotest of villages and small education centres. Not only will systems like CHECKIT empower the young but they will ensure that lack of affordability no longer remains the obstacle while trying to achieve shining bright futures for young students.

The project was presented in the IEEE international conference of Region 10 in Macau, China in the month of November 2015. The algorithm has been published in IEEE journal. Beside these, CheckIT got an appreciation award under the category of SRISTI social technological award as this software/app can be used in remotely located rural schools. GYTI gets the nomination from the whole nation. For GYTI award 2016, approximately 2363 projects had applied under 50 different categories from 272 universities of India including IITs and NITs. These 2363 projects were processed by 125 experts from universities, MNCs and national R&D institutes across the globe. Out of all, 43 projects were selected for awards and appreciation.

CheckIT was one of these 43 projects. We are also happy to share that checkIT was the only software product from among the other 43 awarded projects. The award was presented on March, 2016 by Dr. R.A. Mashelkar (Chairperson, NIF), during the Festival of Innovations hosted by The Rashtrapati Bhavan, New Delhi.

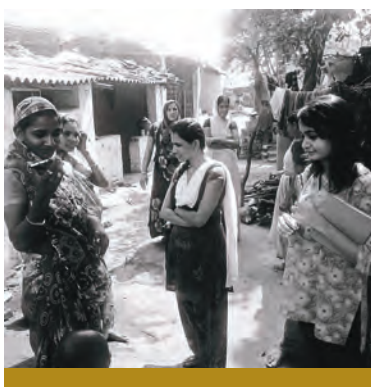


Google Applied Computer Science with Android Programme

It has been a wonderful experience for me being the Google Facilitator. I was nominated to become a Google facilitator in our campus for the Applied Computer Science with Android Programme. After that we had to submit one form where we need to provide our technical skills and link of a video. Video should be of nearly 1 minute in which I had to explain a complex concept in the easiest possible way on my choice of topic.

On May 10, I received confirmation of my selection for this programme. I attended a bootcamp on 27th-28th May, 2016 at Google Bombay Office. There we had 3 mentors of which 2 were from Headquarters. Bootcamp was intended to train us in our presentation and technical skills. In vacations I prepared for this programme and as of now I have completed 1 workshop of Applied Computer Science with Android at SEAS (of 6 days) and will conduct one more (of 9 days) after few days. Overall I learnt a lot of things out of this programme for which I am thankful to SEAS and Google for providing this opportunity to me.

- Mayank Jobanputra



Kahinee – A voice aided system for rural healthcare

I along with two other friends of mine started our Rural Healthcare Initiative called Project Kahinee. We worked on this project as a part of our final year engineering project.

Kahinee is a voice assisted service (VAS) system intended to impart education and awareness in rural areas about maternal and child care, nutrition, anaemia and government health policies as well as facilities. We analysed and discovered in our field visits to a number of villages that while there is an increasing awareness about different healthcare facilities and a desire to learn, there are few means of access to this information for the common rural area resident. Adding to that, illiteracy is still prevalent because of which learning about health issues from the print medium is not a viable option. We came up with a simple but effective solution.

A “call back on missed call” number shall be provided to rural residents using which they can learn about health issues through engaging audio plays and folk music. These folk plays and songs were designed using local folk instruments and artists. They were written in the local regional language. Thus, this ensured maximum retention of the medical facts being taught. We are also looking at later building phase 2 which shall involve them being able to solve their queries pertaining to different health issues in their local language via audio notes. The rural area residents shall not be charged for calling. Kahinee aims to impart training and healthcare education to ASHA workers, PHCs’ doctors (Primary Healthcare Centre), nurses and rural patients. We are maintaining a back end database to gauge the impact. We have worked with Harvard based NGO - Barakat Bundle (www.barakatbundle.org) to provide our audio services with their baby kits. During a pilot of one month Kahinee got more than 45 calls of around 1.5 minutes each. We also provided a dashboard to Barakat Bundle to analyse the calling trend of users.

- Anmol Anubhai

FACULTY ACHIEVEMENT

- Dhaval Patel received the International Travel Grant Award under young scientist category from SERB-DST to present his research work in an International Conference CROWNCOM-2016, at Grenoble, France during 30 May - 01 June 2016.
- Sridhar Dalai was awarded Young Scientist Award (Engineering / Chemical) by VIFRA 2015.



MIT Global Entrepreneurship Bootcamp

MIT Global Entrepreneurship Bootcamp (MIT GEB) is an initiative by Massachusetts Institute of Technology, Boston, USA to create a new entrepreneurial ecosystem by connecting entrepreneurs across the globe. For the year 2016, Class 3 was held in Gangnam District, Seoul, South Korea where in nearly 75 bootcampers from 35 different countries participated. Before going to the bootcamp, each participant created introductory video clip of 1-2 minutes about their home land, their hobbies and their passion and posted YouTube link over the Facebook group. As a prerequisite, we had to pursue the courses 'Entrepreneurship 101: Who is your Customer?' and 'Entrepreneurship 102: What can you do for your Customer?' on edX and go through four books related to entrepreneurship as pre-reads. It was a great learning experience I ever had before. It was highly intensive programme, like a military training where bootcampers worked 19-20 hours a day. Still, it was an immense feeling to have the same positive energy-enthusiasm lasting for the whole week and one never felt tired or sleepy. It started with the networking event for ice-breaking where participants interacted with each other about their areas of interest and shared their experience.

The programme had three major components. Firstly, the sessions aiming at learning fundamentals of Disciplined Entrepreneurship conducted by Elaine Chen (Senior Lecturer at MIT Sloan School of Management) and Bill Aulet (Managing Director at Martin Trust Centre for MIT Entrepreneurship). These sessions included the ingredients for effective team and leadership skills, identifying windows of opportunity, formulating appropriate problem hypothesis, market research, customer discovery and segmentation, solution formulation, business plan and revenue generation, competitive advantages, sustainability, etc. Secondly, there were several talks by various entrepreneurs and alumni about how they started their entrepreneurial journey to develop their ventures as successful businesses. Also, the Guest Speaker series – Dr. Rodney Brooks (Former Director of MIT Artificial Intelligence Lab), Charles Fine (President, Asia Business School, in collaboration with MIT Sloan school of Management), Douglas Hwang (Director of Product, Comixology, acquired by Amazon) were quite insightful and enjoyable.

Lastly, the project component, incorporating a team brainstorming exercise applying all 24-steps for Disciplined Entrepreneurship to the product of our own choice. The team formation process was based on the skills, interests of people along with the results of psychometric test conducted namely 'H4 Profile'. It was really a great learning with fun exercises, which included interaction with local people of a non-English speaking country, interviewing potential customers at 1:30 am in the night at subway station and what not! On the last day, we were asked to pitch the developed product in front of investors and learnt the fund-raising techniques. We as a team presented the idea of creating the simplest wearable device without fancy-techy things that can help to monitor the medical conditions for the elderly people leaving alone which essentially does not give them the feeling that they are continuously being monitored by some device. However, such monitoring and analysis was being done by their care takers.

Other activities included Korea Entrepreneurship Ecosystem Tour to get acquainted with Korea's start-up culture and to interact with other incubators at Campus Seoul – A Google Space, Maru180, D.CAMP and Born2Global. They demonstrate best user experience for workspace design. In parallel, Fireside Chats were arranged that were like group discussion cum one-to-one guidance sessions on the topics like What is best for me – Start-up or Corporate job, Entrepreneurial strategy: Choosing the right problem to solve, Entrepreneurship opportunities in education, Product Development: from Hacking to Quality product, etc.

I would summarise MIT GEB as an event wherein experienced entrepreneurs and guest speakers shared their insights, friendly mentors narrated their own journey to struggle, interaction with subset of highly motivated people across the world and a pretty serious interdisciplinary teamwork!

It was just unforgettable, wonderful week and a lifelong experience....!!

- Shailaja K. Sampat



Events at SEAS



Coding Club Activity

In order to prepare students for participating in national and international coding challenges, a coding competition was organised by the coding club of SEAS on 16th July as an activity of Ahmedabad University Student Branch of IEEE. The event was conducted in the computer lab at SEAS. There were 32 participants in the event. The event was free for IEEE members and for non IEEE members there was a fee of Rs 20. The participants were given 3 problems to solve in 2 hours. The problems were taken from hackerrank.com. Participants were ranked on the total points earned and the time taken to solve problem. The winners of the event were Kunjan Patel and Sohumi Shah from BTech ICT batch of 2012-16. A discussion session was organised for discussing the logic of these 3 problems after the competition. This was a perfect example of compete and learn.



Food-A-Holic Epicure

The amazing Food Fest, Food-a-Holic Epicure held on 12th March was a delightful outcome of the enthusiasm of participating students and the organising committee. The theme of the event this year was “*Experiments with Stuff*” and each of the participating team prepared their own new dishes and presented them in a magnificent way accompanied by interesting marketing strategies. The festival witnessed a crowd of 700-800 people.



IEEE Quiz Event - ‘Does Gray matter?’

The Ahmedabad University- Student Branch of IEEE organised the first official Quiz event under the IEEE banner on 9th August. The key goal was to infuse a spirit of constant questioning and a love for knowledge among all our students.

It was a half day event. In the preliminary round, participants worked out the questions in a team of two. The questions were projected and supplemented by the description and hint given by the Quiz master Kushal Shah. The questions were a fine blend of technological background, history and general awareness. The first round contained 20 questions. It took about one hour which was followed by a break with refreshments. From the 40+ teams, 16 teams were selected for the knock-out round, which were then clubbed into 8. Students put up an excellent show of great sportsmanship!

The quiz master’s high spirits kept the liveliness and attention of the participants maintained throughout the event. The knock out round consisted of more tricky and interesting questions. Finalists and the audience responded more enthusiastically to it. After all the positive and negative markings, two teams with highest scores were declared winners and were honoured with the certificate of winning. All the other teams of the knock-out round were given the certificate of participation. The event ended with an extremely positive feedback from the crowd. It proved that knowledge and learning can be so much fun too! Quiz events and related activity spread awareness and live up to the quote “knowledge is power”. We also learnt about management, resource management, planning and time keeping while preparing and conducting this event.

IEEE Gujarat Section Workshop

Ahmedabad University Students’ branch of IEEE hosted a ‘*Training and Capacity building Programme*’ on behalf of IEEE Gujarat Section in association with CLS- Cyberra Legal Services. The programme was about imparting knowledge of Cyber Crime, Ethical Hacking, Cyber Security, Forensics and Cyber Laws amongst the society. On 20th September 2015, the programme was inaugurated at SEAS. The first session included the footfall of 40+ participants from multidisciplinary domains. The inauguration speech was delivered by Anil Roy of DA-IICT, the senior member at IEEE, in which he addressed the participants regarding the history, works and network of the IEEE society. Followed by the Inauguration speech, Advocate Manan Thakker along a volunteer faculty delivered the lecture that emphasized on the awareness regarding the basics of Cyber Crime and Ethical Hacking.



INGENIUM-2k16

‘*INGENIUM-2k16- The Era of Innovation Begins*’ was the first ever technical festival organised at SEAS. It was held from 18th - 20th March, 2016. ‘Ingenium 2016’ began a culture of innovation and technical competitiveness at SEAS. The festival was inaugurated with a talk on ‘Technology and its Impact’ by Dr. Amit Nanavati, Senior Researcher, IBM Research, India. The various events and competitions held were, ‘Conquering the Infinity’-Robo Race, Code-Jam (Coding Competition), Poster Presentation, Chemical Car Race, Gaming (Counter Strike/FIFA), Chess competition, Quiz and a workshop on Internet of Things (IoT).



Jashn-e-Aaghaaz

Jashn-e-Aaghaaz, was inaugurated on 22nd January with great pomp and show and continued for the next two days with events like live counter strike, photography, snap story, two phase debate, extempore, Rubik's cube solving, cartooning art and C'zar war, Stock exchange, Trashion, crime investigation, Poetry recitation, Dubsmash, Mad Ads and an evening with DJ party. There were various stage performances by faculty, staff and students and the day ended on a high note with the prize distribution.

National Workshop on "ICTs for Sustainable Agricultural Development"

A national workshop on "Information and Communications Technologies (ICTs) for Sustainable Agricultural Development" was organised by 'Indian Association of Information Technology in Agriculture' (IAITA) in collaboration with Sardar Krushinagar Dantiwada Agricultural University (SDAU), NAARM, APAARI, Ahmedabad University, Global Forward at SDAU, Global Forward Thinking Platform and Club of Ossiach on 11th February at Sardar Smruti Kendra Hall, SDAU, Dantiwada. Sanjay Chaudhary and Mehul Raval gave a presentation on 'Sensing Technologies and Data Analytics in Agriculture'.



Sports Day - Dynamos

Dynamos' was organised from 5th-7th February. The main events were Cricket, Football, Volleyball and Endurance Run. On 6th February, SEAS organised its 1st ever half marathon. About 200 students participated in it along with faculty members. Students took part in athletic events like 100m (boys and girls), 200 m (boys and girls), 400m Boys, 400 m relay Boys, Stand Jump(Boys and Girls), 400 m mix relay and Shot Put (Boys and girls). Many other fun sports like Tug of War, Slow Cycling, Kabbadi, Throw Ball and Kho-Kho were also played. There was a special farewell cricket match organised for the final year students and the final year students won the match against the staff of the University.



Workshop on Entrepreneurship Awareness

A three day workshop on 'What Entrepreneurship is all about' was conducted by TIE (The Indus Entrepreneurs) from 10th - 12th September 2015 for the VII semester students and faculty of SEAS. The main purpose of this workshop was to inspire the students to take up entrepreneurship as well as to acquaint them with a practically drawn curriculum which talked about the most lucrative sector - consumer internet and on small scale industry for starting up in the traditional sector.



Social Activities at SEAS

SRISTI hosted 'Summer Innovation School 2016' from 25th May- 12th Juneto involve young University students across the country to solve social challenges. Ahmedabad University was the collaborator of this programme and it was hosted by SEAS. The activities included orientation, field visits, focused discussions, problem mapping, crafting solutions, prototyping, etc. It concluded with an open exhibition at SRISTI displaying the prototypes and also had interaction sessions with end-users and media during the exhibition.

Syracuse University Collaborative Project

Prarthana Padia student of Sem. V - BTech (ICT) at SEAS participated in the project taken up with the Syracuse University, during October. This was Global Entrepreneurial Sandbox initiative taken up by both Ahmedabad University and Syracuse University to connect the students on the basis of common interest. The project aimed at developing a business idea around any technical and feasible solution to a real life problem. With all the difficulties and ease and with efficient skill utilisation. Prarthana Padia and Austin Senecal, a Senior Undergraduate at Syracuse University, came up with the idea of 'Culture Connect'. Culture Connect helps achieve the highest level of engagement in your destination's culture by connecting travellers with host families or other locals. It is a platform in which people are connected globally and have the opportunity to network with each other in order to plan and achieve the best trip abroad possible.

Research at SEAS

Research and innovations being an integral part of SEAS, scholarly activities are encouraged to enhance interactions among faculty members, students, industries and organisations for solving cutting edge problems in the field of engineering, information technology, electronic and communication, mechanical, chemical, material and electrical engineering. Faculty members are supported to establish research programmes and labs to get involved in innovation and conduct collaborative research.

The school has provided specialised equipment and infrastructure necessary for research, including online subscriptions and high-speed internet access. In order to promote research activities, high quality specialised research labs are established at the school, in collaboration with industries. SEAS faculty is also supported by the national and international travel grants for presenting their unique research at conferences and workshops of international repute.

Some of the current research areas in the ICT domain are Algorithms and Optimisation, Cloud Computing, Communication and Signal Processing, Data Science and Analytics, Internet of Things, ICT for development, VLSI Systems, Nonlinear Dynamics and Chaos, Pattern Recognition & Image Processing and Machine Learning. In addition to MOU's signed by Ahmedabad University, SEAS has signed MoU for collaborative research environment with organisations like Lokbharti Gram Vidhyapith, Sanosara, Gujarat, International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Andhra Pradesh. Currently SEAS is in the process of establishing research in the areas of Solar Energy and Energy storage, Water Treatment, Gas and Chemical Sensors, Catalysis, Surfactants, Nanotechnology and Mechatronics.

As part of research activities, faculty members publish and present their research in leading international and national conferences and journals in their respective areas of specialisation. SEAS faculty members are also involved in establishing an externally funded research programme and cumulatively we have received significant funding. The research environment is building momentum with faculty seeking funding from national agencies such as DST (Department of Science and Technology), BRNS (Board of Research and Nuclear Science, GUJCOST (Gujarat Council on Science and Technology). These projects are in the diverse areas of Image Processing, Communication Engineering, Data Analytics, VLSI, Surfactants, Catalysis and Mechatronics. SEAS was awarded an infrastructure support grant from GICT (Gujarat Institute of Ceramic Technology) to establish its research lab in material science and engineering. Some of these projects are in the area of cognitive radio communications, development of robotic arm and enzyme mimics. In addition to the externally funded research, faculty is also supported aptly by Ahmedabad University in the form of seed grant and start up grants.

Research Grants awarded at SEAS

Grant Awarded by: Gujarat Institute of Chemical Technology, Gujarat to set up Central Instrumentation and Research Laboratory at SEAS

Duration: 2 years

Grant Amount: Rs. 85 Lakhs

Topic: Systematic Design of Redox Potential Tunable Nanoparticles to mimic the function of Biological Enzymes for mitigating the diseases caused by reactive oxygen species

Principal Investigators: Ajay Karakoti, Sanjay Singh

Awarded by: DST SERB

Duration: 3 years

Grant amount: Rs. 32 lakhs

Topic: Design and performance analysis of non-parametric detection algorithm for cognitive radio - MIMO Communications.

Principal Investigators: Dhaval Patel, Sanjay Chaudhary

Awarded by: Gujarat Council on Science and Technology (GUJCOST), Department of Science and Technology (DST), Government of Gujarat

Duration: 2 years

Grant amount: Rs. 4.3 Lakhs

Topic: ASVI – Assistance System for the Visually Impaired

Principal Investigators: Harshal Oza

Awarded by: Ahmedabad University, December 2015-February 2017

Duration: 2 years

Grant amount: Rs. 4.58 Lakhs

Research Output

JOURNAL ARTICLES

- Raval M.S; **Digital Video Forensics: Description Based Person Identification**, CSI Communications 2016, 39 (12).
- Patel M, Chaudhary S, Garg S; **Improved Pre-copy algorithm using Statistical Prediction and Compression Model for Efficient Live Memory Migration**, International Journal of High Performance Computing and Networking 2015.
- Patel M, Chaudhary S, Garg S; **Machine Learning based Statistical Prediction Model for Improving Performance of Live Virtual Machine Migration**, forthcoming in Journal of Engineering 2016, Article ID 3061674.
- Garg S, Modi K, Chaudhary S; **A QoS-aware Approach for Runtime Discovery**, Selection and Composition of Semantic Web Service, International Journal of Web Information Systems 2016, 12 (2).
- Goswami G, Mohanty S; **Higgs instability and de Sitter radiation**, Physics Letters B 2015, 751, 113-118.
- Das S, Goswami G, Prasad J, Rangarajan R; **Constraints on just enough inflation preceded by a thermal era**, Phys. Rev. D 2015, 93, 023516.
- Khuntia S, Majumder S.K, Ghosh P; **Catalytic ozonation of dye in a micro bubble system: Hydroxyl radical**, Journal of Environmental Chemical Engineering 2016, 4 (2), 2250–2258.
- Shah J, Purohit R, Singh R, Karakoti AS, Singh S; **ATP-enhanced peroxidase-like activity of gold nanoparticles**, Journal of Colloid and Interface Science 2015, 456, 100-7.
- Pandya A, Tripathi S, Singh M, Nandasiri M.I, Karakoti A.S, Singh S.P, Shanker R ; **Fluorescent Magnesium Nanocomplex in Protein Scaffold for Cell Nuclei Imaging Application**. RSC Advances 2015, 5 (114), 94236-94240.
- Dhuria M, Goswami G; **Perturbativity, vacuum stability and inflation in the light of 750 GeV diphoton excess** *arXiv: 1512.06782 [hep-ph]*, 21 Dec 2015, <http://arxiv.org/abs/1512.06782>.
- Goswami G, Mohanty S, Prasanna A.R; **Constraints on cosmological viscosity from GW150914 observation** *arXiv: 1603.02635 [hep-ph]*, 8 Mar 2016, <https://arxiv.org/abs/1603.02635>.
- Mewada M, Zaveri. M; **An Improved Input Test Pattern for Characterization of Full Adder Circuits**. International Journal of Research and Scientific Innovation 2016, 3 (1), 222-226.
- Sanghavi S, Wang W, Nandasiri M.I, Karakoti A, Wang W, Yang P, Thevuthasan S; **Investigation of trimethylacetic acid adsorption on stoichiometric and oxygen-deficient CeO₂ (111) surfaces**. Physical Chemistry Chemical Physics 2016.
- Sharma S, Kumar KS, Chandnani Y, Kumar S, Gangwar B, Singhal A, Deshpande P, **“Mechanistic insights into CO₂ Methanation Over Ru-substituted CeO₂”**, J. Phys. Chem. C, 120 (26), 14101–14112, 2016 (IF – 4.5)
- Varade D; **Clay-Mediated Novel Approach for the Preparation of Catalytically Active Bimetallic Nanocrystals**. National Conference on Emerging Trends and Advances in Chemical Sciences, Vidhyanagar, India, 8 October 2015.
- Jadav D.K, Chaudhary S; **An Empirical evaluation of Cost Boost Extensions for Cost-Sensitive Classification**, Proceedings of the 8th Annual ACM India Conference, Ghaziabad, 29 October 2015.
- Patel R, Sanghavi S, Gupta D, Raval M.S; **Check It - A low cost mobile OMR system**, IEEE TENCON 2015, Macau, 1 November 2015.
- Ghosh P, Padmanabhan N, Patel K.C; **Soil fertility evaluation for fertilizer recommendation using Hyperion data**. 3rd International Conference on Sensors and Models in Photogrammetry and Remote Sensing, Kish International Campus, University of Tehran, Iran, 23 November 2015.
- Varade D; **Catalytically Active Bimetallic Nanocrystals in the Presence of Clay**. 6th Asian Conference on Colloid and Interface Science, Sasebo, Japan, 24 November 2015.
- Polyakov Orlov Y, Oza H.S; **Spurgeon Robust Finite-Time Stabilization and Observation of a Planar System Revisited**. Proceedings of the 54th IEEE Conference on Decision and Control Osaka, Japan, 1 December 2015.
- Raval M.S, Joshi V, Gupta D, Kher S.J; **Authenticating Super-resolved Image and Enhancing Its PSNR Using Watermark**, 2015 IEEE Symposium Series on Computational Intelligence: Computational Intelligence in Cyber Security, Cape Town, South Africa, 8 December 2015.
- Joshi V.B, Gupta D, Raval M. S; **A Commutative Encryption and Reversible Watermarking for Fingerprint Image**, 14th International Workshop on Digital-Forensics and Watermarking, Tokyo, Japan, 7 October 2015.

CONFERENCE PARTICIPATION

- Joshi V.B, Gupta D, Raval M. S; **A Commutative Encryption and Reversible Watermarking for Fingerprint Image**, 14th International Workshop on Digital-Forensics and Watermarking, Tokyo, Japan, 7 October 2015.

- Khuntia S, Sinha M.K, Majumder S.K, Ghosh P; **Calculation of hydroxyl radical concentration-An indirect method**. International Conference on Advances in Chemical Engineering NITK Surathkal, Karnataka, 20 December 2015.
- Sinha M. K, Khuntia S, Purkait M; **Preparation of Thermo Responsive PSF Ultrafiltration Membrane, with Cross Linked PVCL-co-PSF Copolymer for Easy Cleaning**. International Conference on Advances in Chemical Engineering NITK, Surathkal, Karnataka, 20 December 2015.
- Mewada M, Zaveri M; **An Improved Input Test Pattern for Characterization of Full Adder Circuits**. 2nd International Conference on Multidisciplinary Research & Practice, Ahmedabad Management Association, Ahmedabad, 24 December 2015.
- Varade D; **Nanostructured Materials for Pharmaceutical Applications**. Indian Council of Chemists, Bardoli, India, 26 December 2015.
- Nimavat P, Mehta M, Datt M; **Novel graph theoretic approach for data mining human protein interactome**, Int-Bio-Nano 2016, Amity University, Gwalior, 10 February 2016.
- Aswani S, Datt M, Mehta M; **Application of big data analytics for understanding biological networks**, Int-Bio-Nano 2016, Amity University, Gwalior, 10 February 2016.
- Karakoti A.S, Kuchibhatla S; **Challenges and Emerging Trends in Nanoscale Particulate Material Characterization**. 42nd Annual Technical Meeting of Powder Metallurgy Association of India, Pune, 18 Feb 2016.
- Patel N.B, Raval M.S; **Target Tracking Accuracy in Context of Energy Consumption in Wireless Sensor Network**, International Conference on Communication and Networks (COMNET 2016), Ahmedabad, 20 February 2016.
- Chauhan S, Patel P, Sureka A, Chaudhary S; **IoT Suite: A Framework to Design, Implement, and Deploy IoT Applications**. 15th ACM/IEEE Conference on Information Processing in Sensor Networks, Vienna, Austria, 11 April 2016.
- Patel M, Chaudhary S, Garg S; **Performance Modelling of Skip Models for VM Migration using Xen**. IEEE International Conference on Computing, Communication and Automation, Galgotia University, Uttar Pradesh, 29 April 2016.
- Chauhan S, Patel P, Delicato F, Chaudhary S; **Development Framework for Programming Cyber-Physical Systems**. 2nd International Workshop on Software Engineering for Smart Cyber-Physical Systems In conjunction with ICSE 2016, Austin, Texas, USA, 16 May 2016.
- Mewada M, Zaveri M; **A Low-Power High-Speed Hybrid Full Adder 20th International Symposium on VLSI Design and Test**, Indian Institute of Technology, Guwahati, 24 May 2016.
- Patel D.K, Trivedi Y. N; **LRS-G2 based Non-parametric Spectrum sensing for Cognitive Radio**. 11th International Conference on Cognitive Radio Oriented Wireless Networks and Communications, Grenoble, France, 30 May 2016.
- Bhatt J, Padmanabhan N; **Registration of KALPANA-1 VHRR and INSAT-3A CCD imagery for Meteorological Studies**. Canadian Remote Sensing Symposium, Canadian Remote Sensing Symposium, 1 June 2016.
- Hiremath D, Shah P, Chaudhary S; **ICT Interventions to Improve the Performance of Canal Irrigation Sector in India**. Proceedings of the Eighth International Conference on Information and Communication Technologies and Development, Michigan, USA, 3 June 2016.
- Singhal, A; **"Toxicity of silver nanoparticles over E-C and pseudomonas"** Poster presentation in National Symposium on "Emerging Trends in Applied Chemical Sciences" ETACS-2016 held at Central University of Rajasthan, March 18, 2016.
- Varade D. **"Stability of Foams Made from Catanionic Surfactants Mixtures"** in International Conference on Frontiers at the Chemistry-Allied Sciences Interface, University of Rajasthan, Jaipur, India, April 24-27, 2016.
- Singhal A; **"Optical, photophysical and magnetic behaviour of GMP-templated binary and ternary nanohybrids of iron oxide with CdS"** at International Conference on "Recent Advances in Analytical Science" RAAS-2016 held at Department of Chemistry IIT-BHU, April 7-9, 2016, Varanasi, India
- Singhal A; **"Evaluating the toxicity of novel cysteine-capped silver nanoparticles to Escherichia coli and Pseudomonas aeruginosa"** at International Conference on "Nanostructured Polymeric Materials and Polymer Nanocomposites" held at Mahatma Gandhi University, November 13-15, 2015, Kottayam, Kerala, India.

RESEARCH SEMINARS

- 5 September 2015: Ramji Raghavan, Founder Chairman, Agastya International Foundation gave a talk on ***“How you can Build a Curious, Creative and Confident India”***.
- 9 December 2015: Arnav Jhala, Associate Professor of Computational Media at the University of California, Santa Cruz gave a talk on ***“Hierarchical Task Learning and Communication in Complex Collaborative Multi-agent Real Time Environments”***.
- 20 January 2016: Anura Jayasumana, Professor of Electrical & Computer Engineering, & Computer Science, Associate Director of Information Science & Technology Centre, Colorado State University gave a talk on ***“IoT – A pervasive technology for innovation”***.
- 24 February 2016: Richard Miller, President of Olin College of Engineering, USA gave a talk on ***“The Future of Engineering Education”*** on Foundation Day Celebration.
- 10 March 2016: Sushama Oza, Director, Strategy & Sustainability, Adani Foundation on Women’s Day Celebration delivered a talk on ***“Women in Leadership Roles”***.
- 23 March 2016: Ramki Thurimella, Professor and Chair of the Department of Computer Science, University of Denver (DU), and USA delivered a talk on ***“Introduction to Some Foundational Ideas of Information Security through Puzzles”***.

- 29 March 2016: ***“Real-time Spectrum Analytics”*** by Dhaval Patel National Level Workshop on Data Analytics at AES-School of Computer Studies.
- 10 May 2016: Keynote talk ***“Data Analytics: Technologies, Current Trends and Research Opportunities”*** by Sanjay Chaudhary on at National Conference on Recent Trends in Computer and Communication Technology, Surat, Gujarat.

BOOK REVIEW

- A book review of ***‘Image and video compression: fundamentals, techniques, and applications’*** authored by Joshi M, Raval M, Dandawate Y, Joshi K, Metkar S; [Chapman & Hall/CRC, Boca Raton, FL, 2014. 236 pp, by Minette C and Goldberg R appeared in ‘Computing Reviews’.

INVITED LECTURES

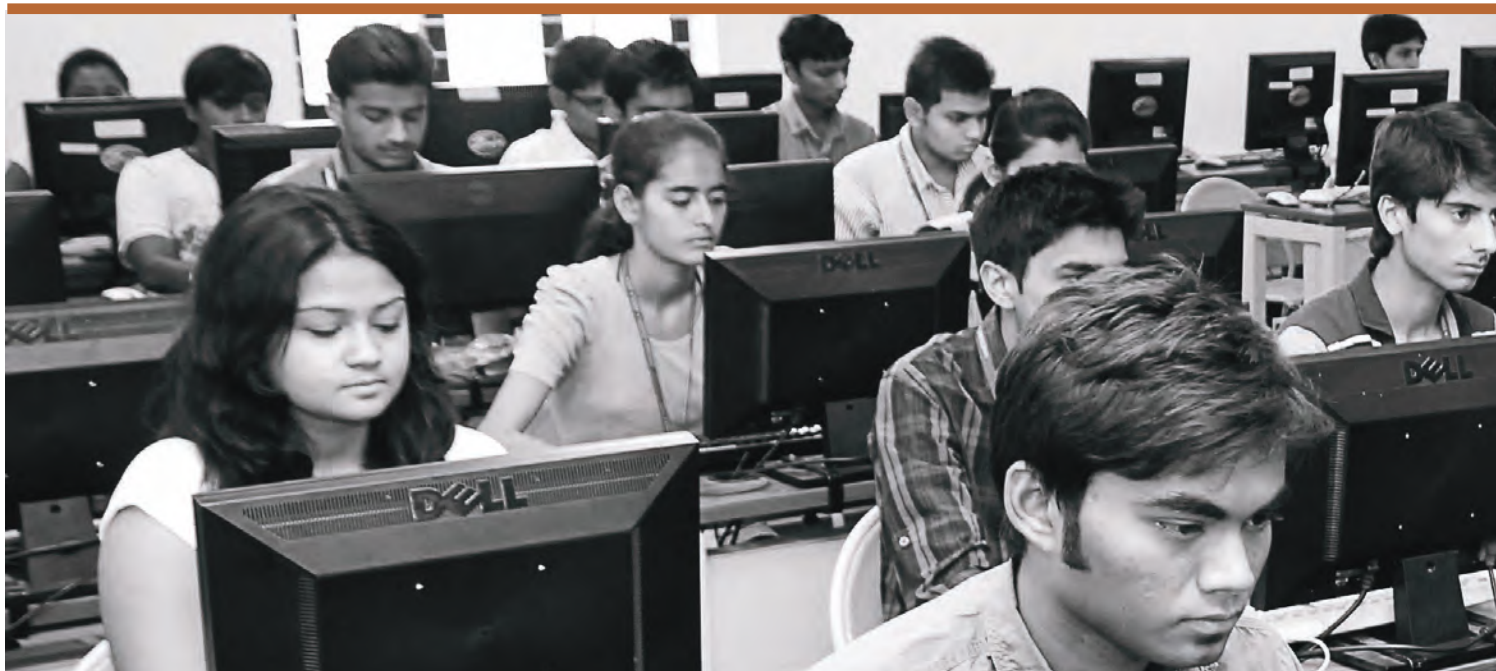
- 23 November 2015: ***“Wastewater Purification using Industrial Waste”*** by Ajay Karakoti at International Workshop on Converting Waste into Resource: Beneficial and Safe Use of Waste and Wastewater in Peri-Urban Agriculture in India, Vidya Bhawan, Udaipur.
- 15 December, 2015: ***“Big Data Analytics in Agriculture”***, Seventh Workshop on Big Data Benchmarking (WBDB) by Sanjay Chaudhary, organised by San Diego Super Computer Centre, University of California, San Diego, at the India Habitat Centre, New Delhi, India.
- 19 December 2015: ***“Nanoparticles in therapy and drug delivery – Current status and research at ILS”*** by Ajay Karakoti at Torrent Pharmaceuticals, Ahmedabad.
- 22 December 2015: ***“Recent trends in ICT for Agriculture and Rural Development”*** by Sanjay Chaudhary as a Short Term Training Programme on Recent Trends in Communication Engineering organised by Nirma University, Gujarat.
- 24 December 2015: ***“ICT Tools for Education”*** by Sanjay Chaudhary at Faculty Orientation Programme, organised by Academic Development & Research (ADR) Cell of Nirma University, Gujarat.
- 22 January 2016: ***“Internet of Things”*** by Sanjay Chaudhary in All India Seminar on IoT, at Institution of Engineers, Gujarat State Centre, Bhaikaka Bhavan.
- 11 February 2016: ***“Sensing Technologies and Data Analytics in Agriculture”*** by Sanjay Chaudhary in the national workshop on ‘Information and Communication Technology (ICT) for Sustainable Agricultural Development’ at Sardar Krushinagar Dantiwada Agricultural University (SDAU), Dantiwada.
- 15 February 2016: ***“Enabling Application Development Framework for IoT”*** by Sanjay Chaudhary at one Day National Symposium on ‘Internet of Things’, G H Patel College of Engineering & Technology, Vallabh Vidyanagar.
- 8 March 2016: ***“Probability Using R”*** by Dhaval Patel National Level one week Short Term Training Programme on “Statistical Analysis using R Programming” at School of Computer Studies, Ahmedabad.





SCHOOL OF COMPUTER STUDIES

School of Computer Studies having completed 17 years of existence is well recognised for excellence in academics and quality education for professional career development in IT industry. Deemed a leader in computer studies in Gujarat, the School of Computer Studies provides technology expertise and knowledge for career development in the IT industry. The curriculum is contemporary and industry-oriented with specialisations of emerging trends in IT and computing. The School has a strong application- orientation and a hands-on approach to Computer Science and IT. The institute offers a five-year integrated MCA programme (iMCA) and a three-year MCA programme with lateral entry for BCA students in the 2nd year.



SCS at a glance

Our contemporary industry oriented curriculum with specialisations in current and emerging trends in IT/ Computing, our unique teaching pedagogy and practical exposure for various technologies provides in-depth knowledge to students to make a successful career in IT industry. Our graduates are working with leading IT companies of India and in more than 23 countries, holding respectable positions. Some graduates have started their own ventures and are successful technology entrepreneurs. Our strong linkages with IT industry, professional societies like CSI, ACM and Alumni Association provides ample opportunity to students for a successful career in Information Technology sector.

There are excellent career and job prospects after MCA as Indian IT sector is to create 2.5 lakh new job openings in 2016. Last year the hiring in the IT space saw a rise of 12% while this year it is expected to witness a 14-16% growth in recruitment. This year IT sector hiring is expected to see significant uptrend as more and more companies are focusing on Internet of Things, Big Data and Analytics, Social Technology, Automation of Knowledge, Digitisation, Smart Cities, Digital India, E-markets, etc. Our Placement Cell provides assistance to the students to secure appropriate projects during their study and placement after the completion of the MCA programme.

Total Students Enrolled 517

Total Under-Graduates 270

Total Post-Graduates 247

Total Faculty 15

Total Staff (including faculty) 30

PROGRAMMES

Unique programme providing strong foundation, technology expertise and knowledge for professional career development in IT industry. SCS offers a five-year integrated MCA programme (iMCA) and a three-year MCA programme with lateral entry for BCA students in the 2nd year.

Integrated Master of Computer Applications (iMCA)

The five year Integrated Dual Degree MCA programme was introduced in 2013. On successful completion of the programme, students are conferred Master's degrees in Computer Applications (MCA) and have the option to leave the programme after three years with a BCA degree.

Master of Computer Applications (MCA)

The three year Master of Computer Applications programme is offered with the option of lateral entry into Second Year MCA for students who have completed BCA/B.Sc. (IT/Computer Science). This programme is a blend of professional and academic learning that equips students with the skills and training to become quality IT professionals. Students undertake rigorous academic work and intensive project work in the industry, enhanced with value added workshops and seminars.



School of Computer Studies having completed 17 years of existence is recognised as leading computer studies Institute in Gujarat for excellence in academics and professional career development in IT industry.

Uniquely designed MCA programme has industry oriented curriculum with major and minor technology and domain specialisations. Programme encourages problem solving, analytical thinking and innovation for development of novel products and IT applications for addressing real life societal and industrial problems. The programme follows project and case study based learning pedagogy with extensive hands on learning and practical experiments in computing labs. SCS has state of art IT-infrastructure which boosts the growth of students by giving them pertinent support. It's a cloud campus with virtualised cloud servers and thin client virtual desktops. With bring your own device (BYOD) concept, all the rooms act as classrooms cum lab there by making study more practical oriented. SCS has specialised labs for Mobile App Development, IBM Rational Software Engineering Lab, Distributed Computing Lab, Enterprise Application Development Lab and Open Source Technology Lab. SCS ACM student chapter was officially chartered by ACMs Chief Operating Officer on 28th September, 2015.

There are innovative and collaborative projects done by students of SCS. Rohan Bhatt, MCA student, developed and copyrighted innovative Android Application "*Air Launcher*" for which he was awarded "A Person to Watch Out" trend setter award for "Innovative Approach" by Gujarat Innovation Society, Govt. of Gujarat on 15th April. Salesman Navigator, Voice-based Communication Application for Visually Challenged People, Safe Motherhood and Emotion Detection in Smart Phone using Voice Recognition, Facial Expression and Physiological Techniques, Salesman Navigator are the other innovative projects taken up by students. A collaborative project "*Mobile App for Heritage Sites to promote Gujarat's Heritage and Tourism*" with CHM is the first mobile app (Android and iPhone) on Gujarat's heritage providing enriching experience of heritage sites/monuments in Gujarat and contributing to promotion of Gujarat's heritage and tourism.

The Institute has received excellent response from IT industry for placements in 2015-16. 52 reputed IT companies visited campus for recruitment of 139 MCA final year students. 86% students were successfully placed with good remuneration and sound career growth prospects. 31 companies re-visited our campus for placement.

Fee Regulation Committee (FRC), Govt. of Gujarat visited our institute in November, 2014 for academic & administrative inspection to evaluate various qualitative parameters to recommend and revise the fee structure of MCA. FRC decided to grant premium to the institutions securing 60% and above. SCS scored 76% which was highest score among the 88 MCA colleges in Gujarat.



STUDENT ACHIEVEMENT

MCA final year team of SCS students comprised of **Mansi Joshi, Naman Shah and Bansal Amin** under guidance of Aditya Patel, Assistant Professor, School of Computer Studies were involved in system study, requirements gathering from Gujarat Tourism and Centre for Heritage Management (CHM), Ahmedabad University, exhaustive literature review of similar heritage apps, design, development and testing of the app. The team did regular brainstorming sessions to come out with unique app having appealing design/ user interface and innovative features like customise your travel itinerary on map.

Divya Mehta and Pankti Soni

received scholarship to attend National level ACM Grass Hopper conference at Bangalore.

Jaideep Raulji along with 3 students of SCS attended "**Kumbhathon-5**" an innovative workshop held at Nashik, Maharashtra during 28th June to 4th July, 2015 organised by Massachusetts Institute of Technology, Fellows of MIT Tata Centre for Technology and Design, MIT Media Lab, iINNOVATION-Nashiks, Circle & Sandip Foundation, SIOM (Symbiosis Institute of Operations Management), Sapati College, NDMVP in association with all engineering colleges of Nashik. The purpose was to gain exposure to practical aspects of their learning, interact with young innovators. Team SCS joined "**Rent My Home**" project and developed device independent resolution free responsive web and mobile application.

Gateway TechnoLabs Pvt. Ltd. approached **Heena Timani**, faculty of School of Computer Studies, for developing a project on "**Driver Behaviour Analysis**" that involved creating a variable insurance model (UBI – Usage Based Insurance) from the current fixed insurance model. The heart of the project was to develop an algorithm that will provide driver scorecard using data mining and machine learning technologies – Python and R Programming. The score is based on the combination of data between the OBD Dongle device and third party service providers. Under her guidance, two final year MCA students –**Shubham Mankodiya and Jignesh Nagar** were able to present the driver score using Bayesian approach of expectation maximisation.

Motospector Company (Saudi Arabia) in association with Gateway TechnoLabs Pvt. Ltd. approached **Heena Timani**, School of Computer Studies for developing a project on "*Privacy Preserving Issues, Challenges and Solutions using Association Rule Mining in Open Data*". The aim of this project was to protect the sensitive knowledge of open data using data mining and machine learning open source tool – KNIME 3.1 (Konstanz Information Miner). Under her guidance, final year MCA student **Krishna Chaudhary** was able to provide solution to hide critical information from open data using probability theory and classification techniques. Timani provided deep insights and efforts to correlate the theoretical aspect into practical conversion.

STUDENT PROJECTS

True Voter: a fingerprint based voting system

TYiMCA students Rajan Christian, Mit Khohani, Kishan Modha and Pratik Soni developed a system “*True Voter- A finger print based voting system*”. In this system the finger print scanner scans the thumb impression. It captures a Live Scan (Live Image) which is digitally processed to create a biometric template. The Template contains a collection of extracted features (Ex: Minutiae). The template of an individual is compared to a database of the registered fingerprints. An individual with the exact authentication can only cast the vote.

Travel Portal

A project titled “*Business Analysis of Nexus*” was developed by final year MCA students Kalpi Savalia and Rajvi Thakkar of School of Computer Studies, Ahmedabad University. This web based responsive Travel Portal not only fulfill the requirements of the avid Domestic and International travellers but also has capability of providing service to travel agents and agencies. The portal has integrated a GDS (Global Distribution Services) provider within the system through which data pertaining to Flights, Hotels and Holidays can be fetched and stored on demand. The portal has been designed with the capability of managing hotels and flights from backend by the administrator.

Milk Procurement Management System

Milk Procurement Management System, which is an android application, was developed by the students of TYiMCA (Bhumi Shah, Sakshi Jain and Shreya Jaiswal) of School of Computer Studies as a part of their Software Project Development. It is a solution for Dairies and Co-operatives for the management of milk procurement process. They have developed the following modules:-

Admin Module – From anywhere and at any time admin can see the reports.

- Milk Collection Record Module
- Quality Testing Module-SNF (Solids not Fats, Fat, density)
- Real time weight and Quality parameters are received from weighing machine & Eco-Analyser through Arduino via Bluetooth

Challenges faced by students included automation of manual entries for weights and quality parameters which resulted into human errors. Weighing Machine and Eco Analyser used at the dairy were not Bluetooth compatible so the Bluetooth module was added and communication was made possible where Arduino acted as an intermediate between android device and weighing machine & Eco Analyser.

FACULTY ACHIEVEMENT

Bipin V Mehta has taken over as President of the Computer Society of India (CSI) for the year 2015-2016, after successful term of Vice President cum President-Elect for 2014-2015. He visited many colleges and institutes as a Peer Team Member Coordinator for assessment and accreditation by NAAC.

SCS-CSI Student Branch awarded the prestigious “**Best CSI Student Branch Award**” in Region-III (Gujarat, Rajasthan and Madhya Pradesh) for the year 2014-15. The award was received by **Aditya Patel** in CSI-2015 50th Golden Jubilee Annual Convention of Computer Society of India in New Delhi during 2nd-5th December 2015.

Sandeep Vasant has been elected as Vice Chairman cum Chairman Elect, CSI, Ahmedabad Chapter for the period of 2016-2017.

Vinay Vachharajani and **Shefali Naik** received a grant of Rs. 50,000 from GUJCOST to conduct National level one week STTP on “*Statistical Analysis Using R Programming*” during 7th-12th March, 2016.

Bipin Mehta was Guest of Honour at International Conference “*Information & Communication Technology for Sustainable Development*” during 3rd- 4th July 2015 at Ahmedabad. The conference was organised by ASSOCHAM India, Gujarat Chapter; GESIA and ACM Chapter.

Sandeep Vasant and Aditya Patel organised national workshop on “*Research in Data Analytics*” during 28th- 29th March, 2016 with seminar grant of Rs. 40,000 from GUJCOST.

Events at SCS



Blood Donation Camp

Blood Donation Camp and Thalassemia Screening camps were organised in association with SCS CSI- Student Branch and ACM-Women Student Chapter in association with Indian Red Cross Society and SSETU- Student Support, Engagement & Tutelage, Ahmedabad University on 30th January 2016. Students, faculty and staff members participated with enthusiasm and donated 50 bottles of blood for this noble cause.



Food Grain Distribution

Food grain distribution was organised by SCS Alumni Association in support with ACM Ahmedabad Chapter on Dushera, 22nd October 2015. Nearly 2,250 kg of Rice and 350 kg of pulses were distributed among the needy and underprivileged citizens in different areas of city.



CSI Digital India Event

CSI-State Level Student Convention with a theme of “Digital India” was organised during 4th-5th March 2016. There were 500+ participants from 13 different Universities and 35+ different Colleges of Gujarat and outside Gujarat. The convention was sponsored by CSI and GUJCOST. The keynote address on “Digital India” was delivered by Mr. Sunil Shah, Chairman, Gujarat Innovation Society and Mr. Jay Ruparel, President, Gujarat Electronics and Software Industry Association (GESIA), Co-founder and Executive Director of Azure Knowledge Corporation.



Kala Darshan

“Kala Darshan” Inter Class Art and Creativity Hunt competition was organised on 11th September 2015.



Emotions

The Annual Cultural Festival “**Emotions**” was organised with a theme “Climate Change” during 6th-8th January 2015.

Women in Computing

All India Celebration of Women in Computing was organised by SCS, ACM-Women Chapter during 1st-3rd October 2015 with the theme “*Entrepreneurship and Career Development in Computer Science and Information Technology*”. The speakers were Ms. Bhagyesh Soneji, Chairperson, Western Region ASSOCHAM, Ms. Shweta Chawla, Head and Chief Investigator at SC Cyber Solutions; Mrs. Vandana Raj, Director, Vama Communications; Mrs. Maria Choudhary, Chief Engineer, Oracle Systems and Dr. Aarti Dixit, ACM India.



Alumni

15 batches of BCA Programme and 14 batches of MCA Programme have passed from School of Computer Studies with total of more than 2200 alumni members. Alumni members are working at leading positions (technology and managerial) with reputed IT companies of India and abroad in more than 20 different countries. Some of them have started their own companies/ventures and are successful IT/technology/business entrepreneurs. There is strong bonding and connection of alumni members with their Alma Mater and they actively help in projects, placements and knowledge sharing activities like expert lectures, seminars and workshops. The alumni association has senior alumni members as office bearers and they actively drive various activities and initiatives for strong bonding and networking among the alumni members and growth and development of the alma-mater.

Different types of alumni events including alumni meets/batch meets are organised every year by alumni association. Annual Alumni Meet-2016 was organised on 8th January. The alumni meet received very good response and participation from MCA/BCA alumni members of different batches with 250+ participants. Alumni Newsletter for 2015-16 and a portal for alumni were released during Annual Alumni Meet-2016 on 8th January. School of Computer Studies has engaged with Almashines Technologies Pvt. Ltd for its alumni networking portal. Almashines is a mobile friendly online platform (alumni networking portal) connecting alumni members, faculty, current students and helping them stay connected with their alma-mater. The alumni portal provides various useful features and functionality like messaging, alumni directory, alumni profile management, interactive job portal/referrals, news, events, placements, social media integration among others.

Some of the alumni events organised last year were:

- Distribution of water pots for birds during Summer was organised on 8th May, 2016
- Cricket Tournament was organised on 6th March, 2016
- Workshop on Big Data during 26th-27th December, 2015
- Food Distribution event, "Food for Needy - Community Service" event was organised on 22nd October, 2015

Some alumni members who have started their own start-up ventures and are successful IT entrepreneurs - Harshal Shah, Founder and Director, Elsner Technologies; Bindu Yadav, Director, Websters Netlink; Akash Shah, Director, Marsden & Moore Technologies; Bhaumik Shah, Director, Skygrowth Management Consultant; Husen Daudi, Founder and Managing Director, Serpent Consulting Services; Pankaj Wagh, Founder and Managing Director, IndyLogix Solutions; Nigam Vakharia, Entrepreneur, eTechMavens; Aalap Sharma, Entrepreneur, Hexa Tech Labs; Navrang Oza, Managing Director, Acespritech Solutions; Nigam Vakharia, Entrepreneur (Partner), eTechMavens; Viral Shah, CEO, Techno Doc Solutions; Sandip Kumar Mevada, Managing Director, Delta infoSoft; Deepan Thakkar, Proprieter, Box-N-Pack Inc.; Chintan Dave, Managing Partner, Biznet Tradelink; Karan Shah, Director, DreamBits Technologies; Pravin Parmar, Founder & CEO, Aequitas Information Technology W and Keyur Ashra, Founder, Riontech among others.

Research at SCS

Faculty members at SCS are involved in research and development in broad areas of applied computer science and IT. They also experiment with curriculum and research pedagogy by including real life projects to enhance learning capabilities of students.

We encourage academic staff to carry out their disciplinary research and make it a part of their curriculum which promotes research culture in the institution. Research work done on computer network and cyber security carried by Kuntal Patel and Aniruddhsinh Parmar is on study and implementation of recently designed symmetric and asymmetric key cryptographic algorithms for providing security to the critical information stored on the computer systems/mobile and cloud, challenges and solutions for smart phone security. Machine learning and data mining is research interest of Heena Timani focused on driver behaviour algorithm and analysis which involved calculation of effective driver score for variable car insurance using PHYD (Pay How You Drive) concept.

Research work by Sandeep Vasant is on effective use of ICT for classroom teaching, e-learning and education. Research focused on analysis, design and prototype development of ICT based Model for Clean India Mission (DST, Gujarat sponsored project with Sandeep Vasant) and bring your own device (BYOD) enabled cloud campus for effective use of ICT in Education by Aditya Patel. Pratik Thanawala research interest is on ontology learning using natural language processing techniques involved automatic construction of ontology for automatic evaluation of Q & A forums in e-learning domain.

Research work by Vinay Vachharajani is on automated assessment of use case diagram (student answers) and to provide quality feedback for improvement in quality of learning. Shefali Naik is doing research on performance improvement of concurrent transaction execution in distributed database system. Research on computational musicology by Kunjal Gajjar focuses on building an expert system for evaluation of song performed in Hindustani classical music by novice learners and providing feedback for improvisation. Research work in natural language processing (NLP) area by Jaydeep Raulji is on design and implementation of Sanskrit to Gujarati natural language processing algorithm for machine translation system. Hiral Vegda's research is on hardware abstraction based intrusion detection system for addressing security and implementation issues in wireless network system. Siddhi Shah is working on study and analysis of security issues on resource constrained devices.

Research Grant awarded at SCS

Topic : Analysis, design and development of ICT based model for Clean India Mission

Principal Investigators: Aditya Patel, Sandeep Vasant

Awarded by: Gujarat Council on Science and Technology, Department of Science and Technology, Govt. of Gujarat

Duration: 2 years

Grant amount: Rs. 1.5 Lakhs

JOURNAL ARTICLES

- Vegda H; ***Embedded System Implementation Using Arduino***, Kaav International Journal of Science, Engineering & Technology, June-15, Vol. No. 2 & Issue No. 2.
- Raulji J; ***Sanskrit Machine Translation Systems: A Comparative Analysis***, International Journal of Computer Application, February-16, Vol. 136, Issue No. 1.
- Gajjar K, Shah S; ***Mood based playlist generation for Hindi popular music***, International Journal of Computer Application, October-15, Vol. 127, Issue No. 14.
- Patel A, Khanna V; ***Mobile Application for Global Sequence Alignment and BLAST – MobSBlast***, International Journal of Computer Applications, Foundation of Computer Science, New York, USA, June-15, Vol. 120, Issue No. 13, Page: 1-5.

CONFERENCE PARTICIPATION

- Timani H, Pandya M; ***Data Analysis Using Probabilistic Graphical Models***, Proc. of 4th IIMA International Conference on Advanced Data Analysis, Business Analytics and Intelligence International Conference IIM Ahmedabad, 1 July, 2015.
- Shah S, Naik S, Vachharajani V; ***Child Growth Mentor – A Proposed Model for Effective Use of Mobile Application for Better Growth of Child***, International Conference on ICT for Sustainable Development – 2015, ASSOCHAM Gujarat Chapter, ACM Professional Chapter, GESIA and Sabar Institute of Technology, Gujarat, 3-4 July 2015.
- Patel K, Khimani B; ***Analysis of Authentication Techniques Adopted by End Users in Real Life Cloud Implementation***, International Conference on ICT for Sustainable Development – 2015, ASSOCHAM Gujarat Chapter, ACM Professional Chapter, GESIA and Sabar Institute of Technology, Gujarat, 3-4 July 2015.
- Parmar A, Gajjar K; ***A study of Challenges and Solutions for Smartphone security***, International Conference on Emerging Research in Computing, Information, Communication and Applications, Paper published in AISC series, Springer, Nitte Meenakshi Institute of Technology, Bangalore, 31 July - 1 August 2015.
- Divya A, Rajvi K, Thanawala P; ***Sentiment Analysis of Big Data using Rapid Miner***, All India Celebrations of Women in Computing, ACM Ahmedabad Chapter, Ahmedabad Management Association, 3 October 2015.

- Vegda H; ***BIOS Address Filtering for Intrusion Detection in Wireless Network: A Programmable Approach***, Hiral Vegda, All India Celebrations of Women in Computing, ACM Ahmedabad Chapter, Ahmedabad Management Association, 3 October 2015.
- Naik S; ***Monitoring the Performance of Database Transactions using Database Administration Tool “TOAD”***, All India Celebrations of Women in Computing, ACM Ahmedabad Chapter, Ahmedabad Management Association, 3 October 2015.
- Patel A, Vasant S; ***A Case Study: Bring Your Own Device enabled Cloud Campus for effective use of ICT in Education***, International Conference on Digital Life, CSI-2015, 50th Golden Jubilee Annual Convention 2015, New Delhi, by India Computer Society of India, New Delhi, 2-5 December 2015.
- Patel K, Vashi, D; ***Privacy Preserving Data Mining Technique: A Review***, International Conference on Emerging Trends in Scientific Research, C U Shah College of Engineering and Technology, Wadhwan, 17-18 December 2015.
- Patel A, Joshi M; ***Use of ICT for Development of Smart City – Ahmedabad***, Proc. of International Conference on Communication and Networks, Advances in Intelligent Systems and Computing Series Proceedings by Springer, ACM Ahmedabad Chapter, Ahmedabad Management Association, 20-21 February 2016.

- Patel K, Parmar A; ***Critical Study and Analysis of Cyber Law Awareness amongst the Netizens***, International Conference on ICT for Sustainable Development – 2015, ASSOCHAM Gujarat Chapter, ACM Professional, GESIA and Sabar Institute of Technology, Gujarat, 3-4 July 2015.

INVITED LECTURES

- 7 - 8 September, 2015: “Distinguished speaker” by Bipin Mehta at the 33rd International IT Conference “***ICT for Corporate & Social Revolution***” organised by Computer Society of Sri Lanka, Colombo, Sri Lanka.
- 3 December, 2015: “***Key note address***” by Bipin Mehta during CSI-Nihilent e-Governance Awards (2014-15) at New Delhi.
- 11 December, 2015: “***Key note address***” by Bipin Mehta at Knowledge Sharing Summit 2015, hosted by Kerala State jointly with Computer Society of India at Thiruvananthapuram.
- 22 January, 2016: “***Key note address***” by Bipin Mehta at All India Seminar on “Internet of Things” organised by the Institution of Engineers (India), Gujarat State Centre.
- 30 April, 2016: “***Effective use of Internet and Google Apps***” by Kuntal Patel at INSB Institute of Information Technology, Idar, Gujarat.
- 3 May, 2016: “***Use of ICT for Effective Teaching & Learning Pedagogy***” by Aditya Patel at Indian Institute of Teacher Education, Gandhinagar, Gujarat.

RESEARCH SEMINARS

- 2 July 2015: Vandana Raj, Director, Vama Communications, delivered a lecture on “***Current Scenario of IT industry delivered a lecture***”.
- 3 July 2015: Vipin Tyagi, Regional Vice President, Region III, Computer Society of India, delivered a lecture on “***Image Compression***”.
- 6 July 2015: Vishal Mehrotra, Founder Director, MyPad Academia, Chennai, delivered a lecture on “***Career Development Talk on Open Source Technology***”.
- 6 July 2015: Dilip Kumar Sharma, Associate Professor, GLA University, delivered a lecture on “***Web and Information Retrieval***”.
- 7 July 2015: Prabhjot Singh Bakshi, Trainer, Microsoft India and Sarvasiddhi Venkatesh, Head – Academic Programmes & Initiatives, Microsoft, Workshop on “***Microsoft Azure Cloud***”.
- 23 July 2015: Darshan Kansara, Hadoop Consultant, Capita World Platform Pvt Ltd, delivered a lecture on “***Hadoop and Big Data Technologies***”.
- 24-25 July 2015: Horal Vegda, Faculty of SCS, Harshal Patel, Kartik Pandit – Alumni members, SCS, conducted workshop on “***Cyber Forensics***”.
- 27 July 2015: Prabhot Singh Bakshi, Trainer, Microsoft India, Suketu, Microsoft Technologist & Evangelist, conducted “***Microsoft Digital India Hackathon and Workshop***”.
- 26-27 December 2015: Sanjay Chaudhary, Professor and Head (Research), IET, AU, Trushen Doshi, Senior Big Data Technical Analyst, Priya Softweb Solution Pvt Ltd, Darshan Kansara, Big Data Engineer, Team Lead, Capitaworld Platform Pvt. Ltd. Conducted workshop on “***Big Data***”.
- 12 January 2016: Saurabh Sonawala, Managing Director, Hinditron Informatics Limited, Bombay, delivered a lecture on “***High Performance Computing***”.
- 20 February 2016: Andrzej Rucinski, University of New Hampshire, Durham, New Hampshire, USA delivered a lecture on “***IoT for Development of Smart Cities***”.
- 4-5 March 2016: Computer Society of India State Level Student Convention was organised by SCS, on “***Digital India***”. Programme was sponsored by Gujarat Council on Science & Technology, Dept of Science & Technology, Govt of Gujarat. Keynote address was delivered by Sunil Shah, Chairman, Gujarat Innovation Society and Jay Ruparel, President, Gujarat Electronics and Software Industry Association, Co-founder and Executive Director of Azure Knowledge Corporation.
- 7-12 March 2016: M.N. Patel, Dept of Statistics, Gujarat University, R.D. Chaudhari, M.G. Science Institute, Dhaval Patel, SEAS, G.C. Patel, Lead Biostatistician, Clantha Research Ltd, Ahmedabad, conducted national level one week short term training programme on “***Statistical Analysis Using ER Programming***”. The programme was sponsored by Gujarat Council on Science & Technology.

- 28-29 March 2016: National level Research Workshop on “**Data Analytics**” sponsored by Gujarat Council on Science & Technology, Dept of Science & Technology, Govt of Gujarat.

INDUSTRY VISITS

- Industrial visit to **Reliable Autotech Pvt. Ltd, Bosch Ltd. and Jyoti Structures Ltd, Nashik, Maharashtra, India** was organised during 13 - 17 March 2016 with the objective of providing real life exposure to students about business systems and their automation through IT and IT Applications. A group of 45 MCA students and 4 faculty members visited above plants.
- A two day Industrial visit to **Adani Port, Adani Wilmar Ltd. and Adani Power Plant** was organised during 25-26 March 2016. The objective was to familiarise the students with the applications of Information Technology in various areas of large scale industry and understanding the working of large infrastructure. A group of 38 students and 2 faculty members visited the Mundra Port.
- A visit to **BSNL Electronic World Switch Digital (EWSD) Telephone Exchange**, Navrangpura, and Ahmedabad was organised on 28 January 2016 for exploring key ICT related functionalities of BSNL exchange.

BOOK CHAPTER

- “**Importance of Computer in Today’s Life**”, Gujarati - Std. 12 (Sr. Secondary), 2015, National Institute of Open Schooling, Gandhinagar Centre MHRD, Govt. of India Page no: 14; Kuntal Patel.



SCHOOL OF ARTS AND SCIENCES

The School of Arts and Sciences (SAS) will eventually form the core of education at Ahmedabad University. Currently, SAS operates only Division of Biological and Life Sciences and is in the process of establishing divisions in Humanities and Languages, Social Sciences, and the Mathematical and Physical Sciences.



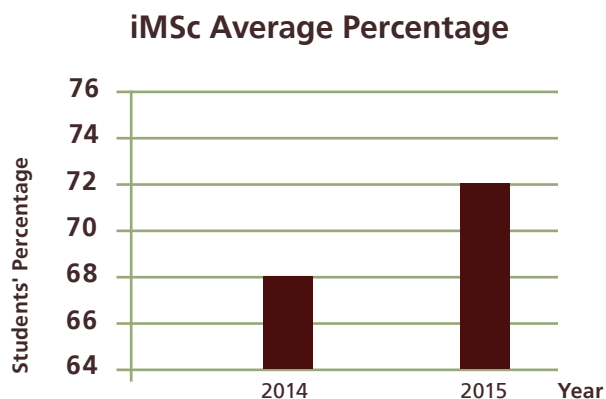


Division of Biological and Life Sciences *at a glance*

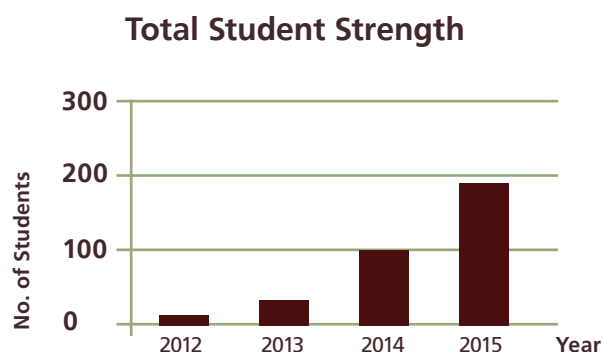
The Division of Biological and Life Sciences fosters scholarship and research to advance new knowledge in the field of nano-biotechnology and related domains of environmental biotechnology, nanomedicine, toxicity and safety assessment, affordable diagnostics, in silico biology and water prognosis and management. The Division also envisions nurturing further advances in systems biology, cell biology, neuro science and stem cell research. Going forward, we intend to create strong interactive research across engineering, physical sciences and management. The Division of Biological and Life Sciences was formerly known as the Institute of Life Sciences. Integrated MSc in Life Sciences launched in the year 2014 has been well received. The Institute's student strength has increased to more than 222 students in the Integrated MSc, MSc and PhD Programmes. The multidisciplinary approach paradigm 'research based teaching and project based learning' fostered by excellent research faculty has started to yield the desired outputs.

We have had a steady growth over the past few years, which also bring us a sense of accomplishment:

Year	iMSc Average Percentage (Students' Average percentage in 12 th)
2014	68
2015	72



Year	Total Student Strength
2012	10
2013	30
2014	114
2015	195





PROGRAMMES

Focused on multi-disciplinary, research-based teaching, the division emphasises projects and experiments in state-of-the-art laboratories to foster an innovative spirit amongst students. The institute offers a five-year integrated MSc (iMSc), a two-year MSc and PhD.

Total Students Enrolled 178

Total Under-Graduates 125

Total Post-Graduates 40

Total PhD Students 13

Total Faculty 8

Total Staff 22
(including faculty)

Master of Science (Life Sciences)

The 2 year Master of Science programme is focused on multi-disciplinary research based learning with emphasis on individual projects and experiments in state-of-the-art laboratories. Each student gets individual hands-on training in current techniques used in life sciences research such as PCR, Flow Cytometry, DNA and protein purification & separation, nucleic acid and protein blotting, ELISA and animal and plant cell culture. Selected candidates are allowed to pursue 1 year full-time research in the 3rd and 4th semester.

Integrated Master of Science in Life Sciences (BSc-MSc)

The five year Integrated Master of Science programme launched in 2014 aims to impart a sound understanding of the basics in life sciences, an aptitude for research, and an ability to undertake diverse and challenging career opportunities in industry and academia. It is designed to provide quality education in life sciences at an early stage to inculcate interest in innovation, scientific, and industrial research.

Doctoral Programme (PhD)

The doctoral programme launched in 2013 looks for highly motivated, research oriented students aspiring for an enriching experience in an inter-disciplinary world class research environment. The programme fosters inter-disciplinary, application oriented research in the cutting edge area of nano-bio interface (such as Nanobiotechnology, Nanomedicine, Nanotoxicology, Environmental Biotechnology, Bioinformatics, Immunology, and Bioengineering) with a goal to enrich the human and environmental health.

STUDENT ACHIEVEMENT

Vishal Pandya, student of M.Sc (2013-15) batch of Division of Biological and Life Sciences, Ahmedabad University, participated in “ReDEx Camp” organised by Massachusetts Institute of Technology, USA” held at Engineering Staff College of India & L.V. Prasad Eye Institute (LVPEI), Hyderabad, 5-12 July, 2015.

Graphical User Interface (GUI) for prototype of “Pupillometry Device” was developed by a team of students which detects the contraction and dilation of eye pupil to access the damage in optic nerves. In addition, Database Management System was developed to store the data from this device at Servers at LVPEI, Hyderabad.

FACULTY ACHIEVEMENT

Sanjay Singh has been awarded “Excellence in Research Award-2016” by Ahmedabad University.

Ashutosh Kumar has been conferred with the “NASI-Young Scientist Platinum Jubilee Award -2015 in the field of Bio-medical, Molecular biology and Bio-technology.

Sanjay Singh has received “Endeavor Research fellowship 2015”, Department of Education & Training, Australian Government, Australia.

Shahil Shah has been conferred with Professor UM Rawal Memorial Award (Biosciences) during XXX Gujarat Science Congress 2016 held at KSKV Kutch University, Bhuj, Gujarat.

Alok Pandya, DST-Young Scientist, has won GSA-CHARUSAT Best Ph.D Thesis Award in Chemical Sciences by Gujarat Science Academy.



Visit to Northeastern University: An incredible experience

We, Krupa Kansara and Shachi Vyas were glad that we were selected for visiting Northeastern University to learn scientific skills in the field of nanomedicine. Our visit to Northeastern University was supported by Indo-US Science and Technology Forum (IUSSTF). This exchange visit enabled us to learn nanomedicine preparation for head and neck cancer treatment.

During our stay in Boston, we were able to have scientific interactions with Professor Sridhar Srinivas and his lab members in Northeastern University. I, Krupa had a chance to present my work in front of Professor Sridhar's lab members. They were highly impressed by the research work being carried out at Division of Biological and Life Sciences, Ahmedabad University. Professor Sridhar's lab members –Rajiv Tondak, Anne Van De Ven-Maloney, Paige Baldwin and Jodi Belz, trained us to synthesize various nano formulation, which could be used to treat head and neck cancer and thus helped us to expand our knowledge in the field of nanomedicine.

We also had a chance to visit Dana Farber Cancer Institute, which is a worldwide famous cancer research institute, affiliated with Harvard Medical School. We had an amazing opportunity to interact with Jonathan Celli and Ljubica, who demonstrated us a 3-D cell culture technique and also shared their knowledge regarding various emerging scientific fields. This visit has thus enabled us to develop scientific connections with international scientists and students. Moreover, it has also provided us an experience to work in international labs and has given us an exposure of work culture in various labs in USA. This exchange visit to Northeastern University will help us apply our learning from various international labs in our research work. We are grateful to our director Rishi Shanker for providing us an outstanding opportunity to visit Northeastern University (NEU), Boston, Massachusetts, USA. Lastly, we would like to thank S.P. Singh and Sridhar for making our stay in Boston comfortable and memorable.

-Krupa Kansara and Shachi Vyas

Events at DBLS



Barkat Bundle

Division of Biological and Life Sciences in collaboration with Barakat Bundle team organised a workshop on 11th September, 2015 on applying the concepts of Human Centred Design to the Barakat Bundle package. Barakat Bundle is an award winning social enterprise based out of Harvard University that is working to reduce preventable infant and maternal mortality particularly in South Asia. This workshop aimed at introducing the participants to the human centred design approach in product development. The entire workshop was created around fun filled learning activities that allowed free exchange of ideas and encouraged the Design Thinking and Project Based Learning components of student education at Ahmedabad University.



National Science Day

The Division of Biological and Life Sciences celebrated the National Science Day on 29th February, 2016. The National Science Day is organised to celebrate the discovery of the Raman Effect on 28th February, 1928 by the Noble laureate Sir C.V. Raman. Dr. A. N. Bhadalkar, Sector specialist at GSBTM, DST, Govt. of Gujarat delivered a popular lecture on this auspicious occasion. As a part of the Science Day, various competitions were held which include Sci-toon, Scientific Creative writing, Slogan writing for DBLS and Quiz to showcase students scientific intellect along with their creativity.

IbioA Hands on Basic Flow Workshop

A Workshop on flow cytometry was organised on 18th-20th January, 2016 for training participants in the principle and working of the BD FACS calibre at the campus. Senthilkumar Natesean, Ashutosh Kumar and Rohan Machhar imparted hands on training to the participants. On the first day the participants were trained on the principle and working of the instruments and its applications. Further, the basic operation of the machine, software handling, multicolour immunophenotyping, cell cycle analysis was demonstrated to the participants.



Kumbhathon

"Kumbhathon" aimed at developing a database for health profile of diverse group of individuals. The Health Pavilion at Kumbhathon was jointly organised by Massachusetts Institute of Technology (MIT), Boston and KBH Dental College and Hospital, Nashik from 23rd -28th August, 2015. The team of volunteers from DBLS was led by Dr Manish Datt and included 6 students from iMSc (Manav Shah, Harsh Dave and Tirthak Golwala) and MSc (Kushboo Patel, Saurabh Chaporkar and Shalaka) has participated in the event. The project was headed by Pratik Shah (faculty at MIT). Ramesh Rasker from MIT was also there to supervise the data collection exercise. The data collection involved profiling different aspect of health using mobile devices. Health data was collected for cardio, dental, eyes, ears, vitals, and 3D motion for individuals from different parts of India who came to participate at the Kumbh Mela at Nashik.

Sports Week

The DBLS sports week, was held from 10th to 19th March, 2016. The week-long event witnessed many games – volley ball, cricket, badminton, kho kho, chess, carom – athletics and informal game Tug of War. With an idea to bring the institute to highest spirits, the organisation came out to be a successful initiative. Most of the games were conducted on campus of DBLS area; besides the M.G. Science Ground, G.U. centre track and L.M. badminton court were also in use. Outstanding response was achieved through participations. Care was taken for the necessary requirements and play space for the competitors to compete. With all the recreational energies, students showed great support and enthusiasm and made the week memorable of all.



Umang 2016

The Annual Cultural Festival of DBLS, Umang 2016, was held from 21st-23rd January. The three days saw exuberant students participate in a myriad of competitions in the field of dramatics, dance, photography, music, literary, art and informal games. The much awaited DJ Night glittered and the student organised Food court caught brimming watery mouths with all the radiance. The exuberant celebration, all organised by endless work of smart brains, bringing none other but themselves with creative ideas and events for the students heartily supported the name Umang. Dedicated to the celebration of creativity and young talent, Umang came out to be an unforgettable event for all.



Research at DBLS

The research focus of DBLS in the area of affordable health care and nanobiotechnology is driven by has a team of highly motivated research faculty. In the year 2015-16, the faculty were awarded national and international projects by different funding agencies including the Science & Engineering Research Board (SERB), Department of Science & Technology, Department of Biotechnology, Ministry of Earth Sciences, Gujarat Institute of Chemical Technology, Indo German Science and Technology Centre, European Union InnoINDIGO programme. These projects focus on the range of issues including nanoemulsions for food, nanoconstruct for prostate cancer, nanodevice for detection of cardiovascular disease to DNA biochip for pathogen detection and microbial activities in critical zones. In year 2016, DBLS signed MoUs with University of Bradford, UK and CSIR- Indian Institute of Toxicology Research, Lucknow, India for research collaborations, faculty and student exchange.

This year at DBLS faculty contributions include 24 research papers in international peer reviewed journals and 6 chapters in books. DBLS faculty received national and international recognition including the 'NASI-Young Scientist Platinum Jubilee Award' and the 'Endeavor Research Fellowship' by Government of Australia. The faculty was also bestowed the Excellence in Research Award – 2016 by Ahmedabad University; best thesis award and UM Rawal Memorial Award in Biosciences by Gujarat Science Academy.

Also this year DBLS has successfully contributed to the milestones of "NanoValid", the flagship project of European Union FP7, nanosafety cluster with 30 international partners. Under this auspices of NanoValid, three faculty members from DBLS Ahmedabad University along with University of Ljubljana organised an international workshop on "Computational Approaches in Nanosciences" at Slovenia. A five member delegation of DBLS faculty on invitation of Electron Microscope Society of India conducted a session on "Nanobiotechnology" in the International Conference of Electron Microscopy, Mumbai, India. DBLS, Ahmedabad University organised an AU-NASI popular science lecture series supported by National Academy of Sciences, India for students wherein eminent speakers across disciplines from India and abroad delivered lectures. DBLS students participated in 'ReDx' and 'Kumbhathon', 'project based learning' camps organised by Massachusetts Institute of Technology, USA, wherein multidisciplinary teams were involved in development of devices and databases for health and other societal benefits. A project based learning workshop by 'Barakat Bundle', a social enterprise linked to Harvard University introduced DBLS students to design thinking for preventable infant mortality in South Asia.

The MSc students of DBLS are pursuing PhD programmes in top ranking international institutions like Penn State University, University of Texas, and Institute of Functional Genomics of Lyon, Indian Institute of Technology, Hyderabad. Other alumni are employed with various renowned academia and industries.

Research Grants awarded at DBLS

Topic: Establishment of facility for Environmental Risk Assessment of Chemicals & Nano material

Principal Investigators: Rishi Shanker, Ashutosh Kumar

Awarded by: Gujarat Institute of Chemical Technology, Gujarat

Grant Amount: Rs. 43.52 Lakhs

Topic: Development of reference methods for hazard identification, risk assessment and LCA of engineered nanomaterials (NANOVALID)

Principal Investigators: Alok Dhawan, Rishi Shanker, Ashutosh Kumar

Awarded by: European Union (EU-FP7)

Grant Amount: 1,54,000 Euros

Topic: Thematic unit of excellence on water purification using nanotechnology, 2012-17

Principal Investigators: Alok Dhawan, Sanjay Singh

Awarded by: Department of Science and Technology – NanoMission, New Delhi

Grant amount: Rs. 25 Lakhs

Topic: Centre for Nanotechnology Research and Applications (CENTRA), 2013-16

Principal Investigators: Sanjay Singh (PI), Alok Dhawan, Rishi Shanker, Ashutosh Kumar

Awarded by: Gujarat Institute of Chemical Technology, Gujarat

Grant amount: Rs. 9.15 Crores

Topic: Multi target antioxidant nanoconstruct for prostate cancer treatment (Funded under Start-up research grant-young scientists) 2014-18

Principal Investigators: Sanjay Singh

Awarded by: DST - Science & Engineering Research Board (SERB), Government of India, New Delhi

Grant amount: Rs. 28.33 Lakhs

Topic: Systematic Design of Redox Potential Tunable Nanoparticles to Mimic the function of biological enzymes for mitigating the diseases caused by reactive oxygen species

Principal Investigators: Ajay Karakoti PI, Sanjay Singh

Awarded by: DST SERB

Grant amount: Rs.32 Lakhs

Topic: NanoTOF: Toxicological Evaluation & Risk Assessment on Nanomaterials in Food, 2015-19

Principal Investigators: Ashutosh Kumar, Ritesh Shukla

Awarded by: Department of Biotechnology, Government of India, New Delhi

Grant amount: Rs. 30 Lakhs

Topic: Vitamin D and Retinoic Acid in the regulation of IL-9, 2016-19

Principal Investigators: Ritobrata Goswami

Awarded by: DST - Science & Engineering Research Board (SERB), Government of India, New Delhi

Grant amount: Rs. 26 Lakhs

Topic: Development of multi-biomarker Integrated Nano device for early detection of cardiovascular disease, 2015-18

Principal Investigators: Alok Pandya

Awarded by: DST - Science & Engineering Research Board (SERB), Government of India, New Delhi

Grant amount: Rs. 32 Lakhs

Topic: DNA Biochip for on-site water pathogen detection including viability and antibiotic resistance testing

Principal Investigators: Rishi Shanker PI, Ashutosh Kumar

Awarded by: Indo-German Science & Technology Cooperation (IGSTC)

Grant amount: Rs. 82.9 Lakhs

Topic: One platform- multiple biomarker detection of Rheumatoid Arthritis

Principal Investigators: Rishi Shanker, Ritobrata Goswami

Awarded by: INNO INDIGO (EU MS/ AC & India) Joint Call on Diagnostics and interventions in Chronic non-communicable diseases

Grant amount: Rs.104 Lakhs

Research Output

JOURNAL ARTICLES

- Singh G, Vajpayee P, Rani N, Amoah I.D, Stenström T.S, Shanker R; **Exploring the potential reservoirs of non specific TEM beta lactamase (bla TEM) gene in the Indo-Gangetic region: A risk assessment approach to predict health hazards**, Journal of Hazardous Materials, 2016, 314, doi: 10.1016/j.jhazmat.2016.04.036. 121-128.
- Patel C. B, Shanker R, Gupta V. K, Upadhyay RS; **Q-PCR based culture-independent enumeration and detection of Enterobacter: an emerging environmental human pathogen in riverine systems and potable water**, Frontiers in Microbiology, 2016, 7, 172. doi: 10.3389/fmicb.2016.00172.
- Patel P, Kansara K, Senapati V.S, Shanker S, Dhawan A; **Cell cycle dependent cellular uptake of zinc oxide nanoparticles in human epidermal cells**, *Mutagenesis*, 2016, doi:10.1093/mutage/gew014, 381-400.
- Lodha S, Pandya A, Shukla R K; **Nanotechnology: An applied and robust approach for forensic investigation**, *Forensic Research & Criminology International Journal*, 2016, 2,1, doi: 10.15406/frcij.2016.02.00044, <http://medcraveonline.com/FRCIJ/FRCIJ-02-00044.pdf>.
- Dasgupta N, Ranjan S, Rajendran B, Manickam V, Ramalingam C, Avadhani G.S, Kumar A; **Thermal co-reduction approach to vary size of silver nanoparticle: its microbial and cellular toxicology**, *Environmental Science and Pollution Research*, 2016, 23, 5, doi: 10.1007/s11356-015-4570-z, 4149-4163.
- Kansara K, Patel P, Shah D, Shukla R.K, Singh S, Kumar A, Dhawan A; **TiO nanoparticles induce DNA double strand breaks and cell cycle arrest in Human alveolar cells**, *Environmental and Molecular Mutagenesis*, 2015, 56, 2, doi 10.1002/em.21925, 204-217.
- Richard A. C, Tan C, Hawley E.T, Gomez-Rodriguez J, Goswami R, Yang X. P, Cruz A.C, Penumetcha P, Hayes E. T, Pelletier M, Gabay O, Walsh M, Ferdinand J. R, Keane-Myers A, Choi Y, O'Shea J.J, Al-Shamkhani A, Kaplan M. H, Gery I, Siegel R.M, Meylan M; **The TNF-family ligand TL1A and its receptor DR3 promote T-cell mediated allergic immunopathology by enhancing differentiation and pathogenicity of IL-9 producing T cells**, *Journal of Immunology*, 2015, 194, 8, doi: 10.4049/jimmunol.1401220, 3567-3582.
- Karakoti A, Shukla R, Shanker E, Singh S; **Surface functionalisation of quantum dots for biological applications**, *Advances in Colloid and Interface Science*, 2015, 215, doi:10.1016/j.cis.2014.11.004, 28-45
- Savaliya R, Shah D, Singh R, Kumar A, Shankar R, Dhawan A, Singh S. **Nanotechnology in disease diagnostic techniques**, *Current Drug Metabolism*, 2015, 16,8.
- Dasgupta N, Ranjan S, Mundekkad D, Ramalingam C, Shanker R, Kumar A; **Nanotechnology in agro-food: from field to plate**, *Food Research International*, 2015, 69, doi:10.1016/j.foodres.2015.01.005, 381-400.
- Shah J, Purohit R, Singh R, Karakoti A.S, Singh S; **ATP-enhanced peroxidase like activity of gold nano particles**, *Journal of Colloid and Interface Science*, 2015, 456, doi: 10.1016/j.jcis.2015.06.015, 100-107
- Singh R, Singh S; **Role of Phosphate on Stability and Catalase Mimetic Activity of Cerium Oxide Nano particles**, *Colloids and Surfaces B: Bio interfaces*, 2015, 132, doi:10.1016/j.colsurfb.2015.05.005, 78-84.
- Senapati V.A, Kumar A, Gupta G.S, Pandey A.K.and Dhawan A; **ZnO nano particles induced inflammatory response and genotoxicity in human blood cells: A mechanistic approach**, *Food and Chemical Toxicology*, 2015, 85, doi: 10.1016/j.fct.2015.06.018, 61-70.
- Lad A.K.N, Pandya A, Agrawal Y.K; **Overview of nano-enabled screening of drug-facilitated crime: A promising tool in forensic investigation**, *Trends in Analytical Chemistry*, 2015, 80, doi:10.1016/j.trac.2015.07.016, 458-470.
- Khanna V, Kumar A, Shanker R; **Identification of novel drug targets and lead compounds in Anthrax and Pneumonia causing pathogens using an In Silico approach**, *Chemical Informatics*, 2015, 1, 1:3, www.cheminformatics.imedpuBCom/archive.php.
- Roy D.N, Goswami R; **Drugs of abuse and addiction: A slippery slope toward liver injury**, *Chemico Biological Interaction*, 2015, 2797, 15, doi:10.1016/j.cbi.2015.09.018, 30071-30075
- N. Ansari, A. Lodha, A. Pandya, P. G Sutariya, S. K. Menon; **Lab-on-phone citrate capped silver nanosensor for lidocaine hydrochloride detection from biological matrix**, *Journal Analytical Methods*, 7, doi: 10.1039/C5AY01977J, 2015, 9084-9091

- Senapati V.A, Jain A.K, Gupta G.S, Pandey A.K, Dhawan A; **Chromium oxide nanoparticle-induced genotoxicity and p53-dependent apoptosis in human lung alveolar cells**, Journal of Applied Toxicology, 2015, 35,10, doi: 10.1002/jat.3174. 1179-1188.
- Khedkar S, Shanker E; **Isolation and classification of a soil actinomycete Capable of Sulphur specific bio transformation of dibenzothiophene, benzothiophane and thiauthrene**, Journal of Applied Methodology, 2015, 118, 1, doi: 10.1111/jam.12665. 62-74.
- Baweja L, Balamurugan K, Subramanian V, Dhawan A; **Effect of graphene oxide on the conformational transitions of amyloid beta peptide: A molecular dynamics simulation study**, Journal of Molecular Graphics and Modelling, 2015, doi:10.1016/j.jmgm.2015.07.007, 175-185.
- Kumar Najafzadeh M, Jacob B.K, Dhawan A, Anderson D; **Zinc oxide nanoparticles affect the expression of p53, Ras p21 and JNKs: an ex vivo in vitro exposure study in respiratory disease patients**, Mutagenesis, 2015, 30, 2, doi: 10.1093/mutage/geu064,237-245.
- Inerbaev T, Karakoti A, Kuchibhatla S.V.N.T, Kumar A, Masunov A, Seal A; **Aqueous medium induced optical transitions in cerium oxide nanoparticles**, Physical Chemistry Chemical Physics, 2015, 17, doi: 10.1039/C4CP04961F, page no. 17, doi: 10.1039/C4CP04961F.

CONFERENCE PARTICIPATION

- Shanker R, Kumar A, Shukla R.K, Baweja L; **International Conference on Electron Microscopy and XXXVI Annual Meeting of the Electron Microscope Society of India (EMSI)**, Electron Microscope Society of India (EMSI), Mumbai, 8-10 July, 2015.
- Shanker R, Kumar A, Baweja L; **Marina & Nanovalid International Conference**, OECD-Nanovalid & ILS-AU, Paris, France. 29 -30 September 2015.
- Shanker R, Kumar A, Baweja L; **International Workshop on Computational Approaches in Nanosciences & Visit to laboratories of Department of Biology, University of Ljubljana**, International Workshop on Computational Approaches in Nanosciences & visit to laboratories of Department of Biology, University of Ljubljana. 2-4 October 2015.
- Shah S, Rao M.V, Parmar P, Shrivastva N; **Study of Haemoglobin factor and mutation profile in two communities of Gujarati Population**, Gujarat Science Congress, Gujarat Science Academy, Kutch, Gujarat, 6 -7 February 2016.
- 8 July, 2015: **"Engineered Nanomaterials: Impact on Aquatic Ecosystem. Invited Lecture in the Session: Bionanomaterials"** by Rishi Shanker at Electron Microscopy Society of India (EMSI-2015), Mumbai
- 8 July, 2015: **"Cellular and Molecular responses of Engineered nanomaterials in Mammalian system"** by Ritesh Shukla at International Conference on Electron Microscopy, Mumbai.

- 1 October 2015: **"Risk Assessment of Nanomaterials & Products: Are we ready?"** by Rishi Shanker at MARINA-Nanovalid Conference, Paris, France.
- 2 October 2015: **"Tracking Nano-footprints in Microbial Food Chains: Observations, Data and Challenges"** by Rishi Shanker at international workshop on computational approaches in Nanosciences, University of Ljubljana, Slovenia.
- 3 October 2015: **"Importance of in silico approaches in understanding the interactions of nanoparticles with biological membrane"** by Ashutosh Kumar at International Workshop on computational approaches in Nanosciences, University of Ljubljana, Slovenia.
- 23 November 2015: **"Probing Water Quality: Pathogenic Bacteria, Aquatic Landscapes and beyond"** by Rishi Shanker at CSIRO Land & Water and Western Sydney University, Australia & Vidya Bhawan, MPUAT, Udaipur at Udaipur, Rajasthan.
- 23 November, 2015: **"Wastewater Purification using Industrial Waste"** by Ajay Karakoti at International Workshop on Converting Waste into Resource: Beneficial and Safe Use of Waste and Wastewater in Peri-Urban Agriculture, Udaipur.
- 18 January 2016: **"Cell cycle analysis using Flow cytometry"** by Ashutosh Kumar at IBioA Hands on Basic Flow Cytometry Workshop, Ahmedabad.
- 18 February, 2016: **"Challenges and Emerging Trends in Nanoscale Particulate Material Characterization"** by Ajay Karakoti and Satyanarayana Kuchibhatla at PM-16, Pune.

Centres



CENTRE FOR HERITAGE MANAGEMENT

The Centre for Heritage Management (CHM) is an unprecedented institution in India specialising in heritage management. As India possesses an ancient culture and a rich heritage, CHM envisions pioneering professional heritage managers to promote conservation and management of the country's cultural assets, so that they are not lost for the future generations. Furthermore, this mission to preserve heritage would add value to local communities and to the country.





PROGRAMME

Master of Management Studies (Heritage Management)

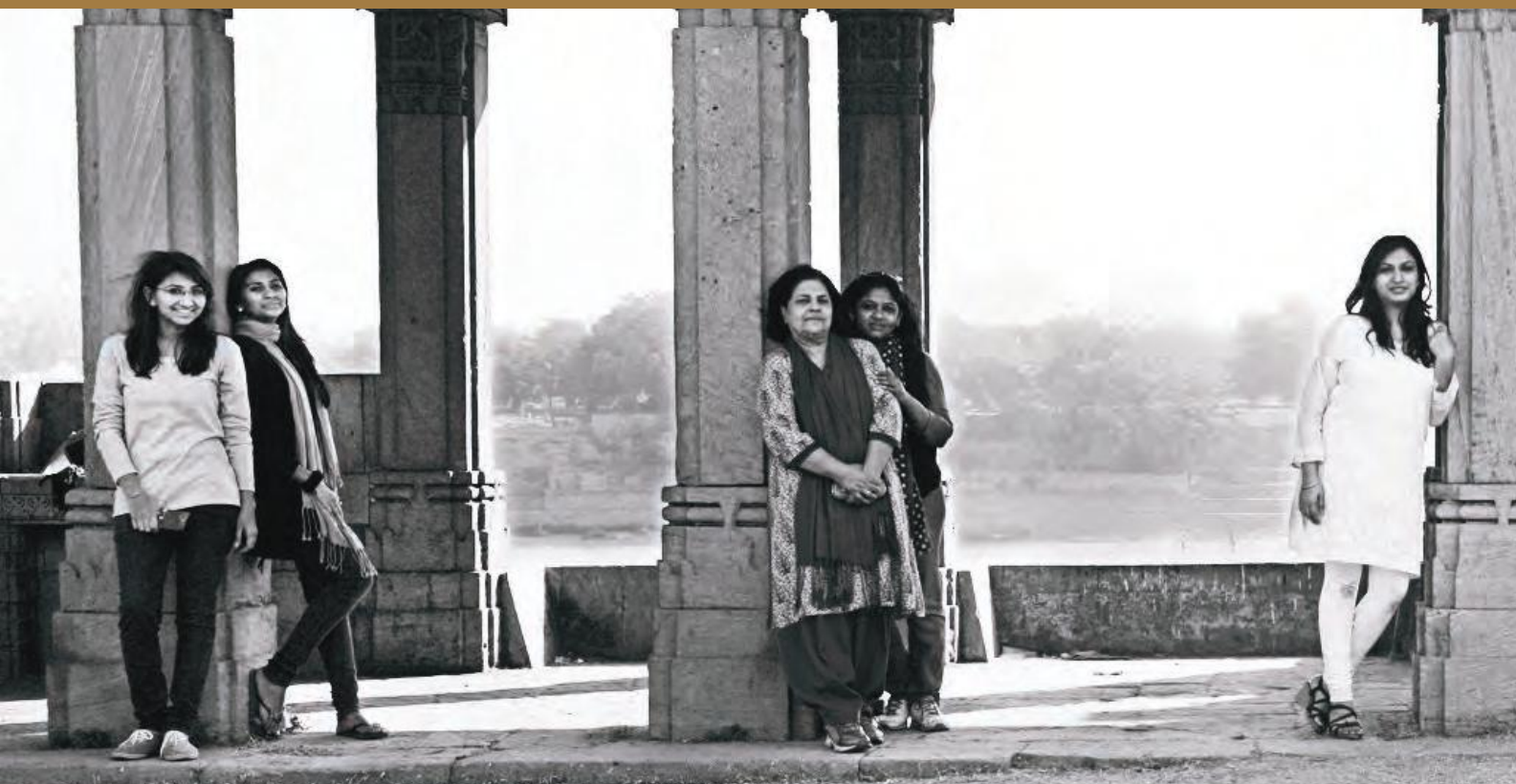
This two year master programme can be pursued by people aspiring to serve various sectors of heritage management in India and abroad, with a minimum of a Bachelor's degree in arts, architecture, archaeology, business, commerce, culture, history, museum studies etc. The course demands demonstrated experience or inclination to undertake a profession in heritage management.

CHM- A quick overview

2015-16 has been a remarkable year for the Centre for Heritage Management of Ahmedabad University. The flagship Masters' Degree Programme on Heritage Management was launched on July 03, 2015. The guest of honour was a master craftsman from Kutch – Ismailbhai Khatri, who has been honoured with a doctorate by the DeMontfort University in UK. The ceremony gave a clear and bold message contained in the design of the Masters programme that heritage management is much more beyond the preservation of monuments, it is about people, livelihood and overall well-being of our society.

The first group of students nicknamed as 'torch-bearers' also reflect the vast scope of heritage management, through the diversity in the first batch of 12 different disciplinary backgrounds and an interesting age group from 20 to 60 years of age. Apart from regular class sessions, during their first year of studies, the students spent an entire week immersed in a village in Rajasthan to understand the everyday meaning of heritage, and challenges of their management; one week in Kutch exploring various traditional knowledge systems and a holistic ecology of community and heritage; as well as several field study trips to various sites of archaeological, historical, natural and cultural importance. One of the class projects done as part of the workshop series was later integrated into a public event organised by the students in Manek Chowk where the Mayor of Ahmedabad and other dignitaries appreciated the students' effort of bringing in their classroom exercise into the public domain contributing for public awareness on the city's heritage resources.

They have recently completed their practicum experience at reputed organisations in India and abroad. The practicum programme is an intense 10 weeks long summer programme for which the short-listed organisations are asked to fill up a consent form indicating their willingness to host CHM students for a 10 weeks long practicum focusing on different learning areas.



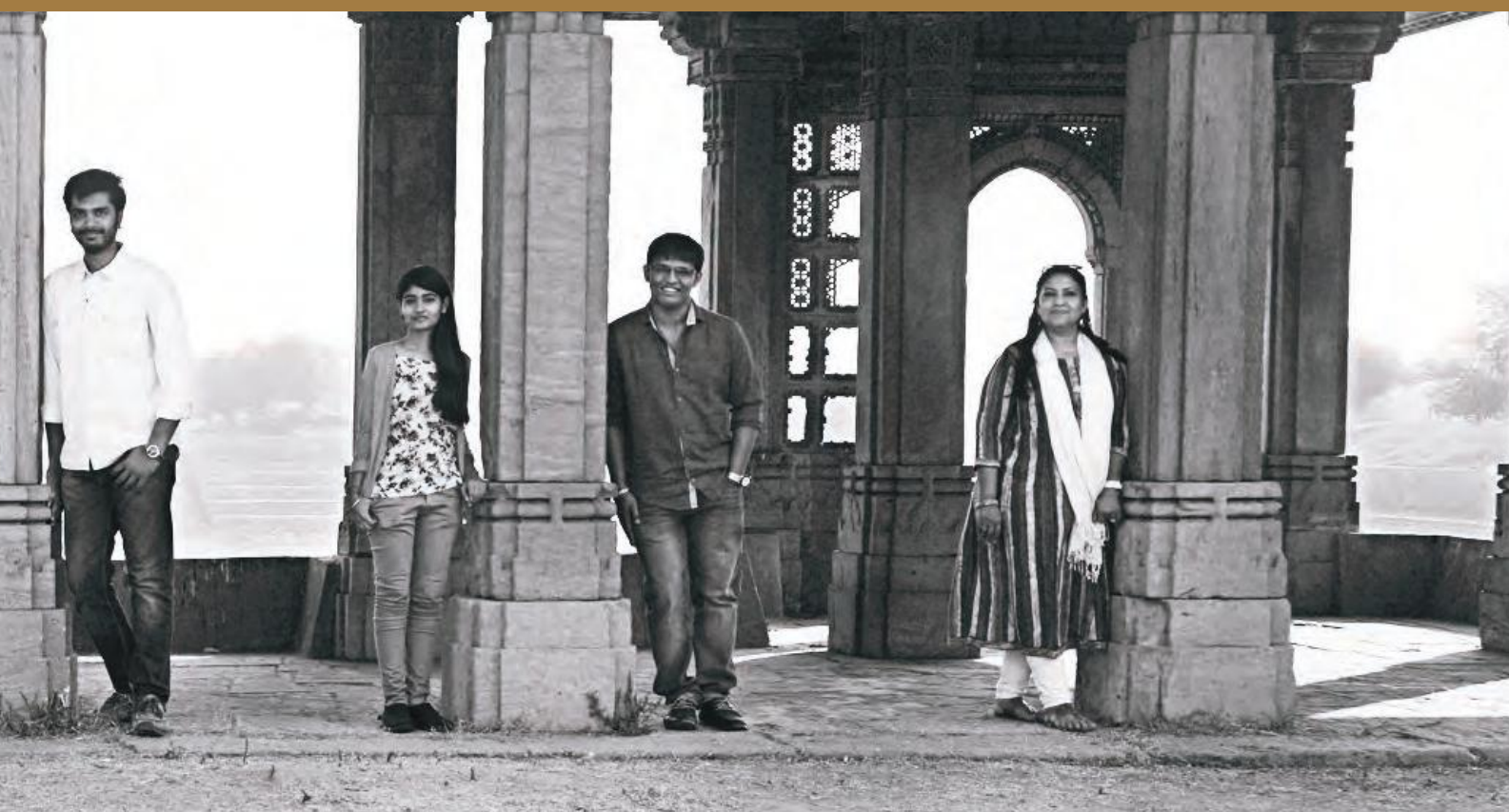
The practicum experience took place at the National Parks Service in USA, Mehrangarh Fort Museum in Rajasthan, Banglanatak in West Bengal, J.D. Centre for Arts in Odisha, Savani Consultants in Mumbai, Gujarat Ecological Commission in Gandhinagar, Institute of Sindhology in Kutch, Khamir in Kutch, and Setu Abhiyan in Kutch, House of Mangaldas (Heritage Hotel) in Ahmedabad, Gandhi Ashram in Ahmedabad, and the Ahmedabad Municipal Corporation, Heritage Department. As per the consent forms submitted by different organisations agreeing to the practicum programme, there were twenty seats available for practicum students, while the total number of students were only 12, indicating a good prospect opening up for the CHM graduates. The second batch admission also has received ten promising students from different backgrounds and professional experience.

Apart from their studies, the students also presented papers in international conferences in Spain and Nepal. The faculty were also engaged in a few international meetings and workshops in various countries in Asia, apart from a few national events. The preparation for the launch of the journal of heritage management has been completed within this year. The first batch of the mentoring programme for entrepreneurs drawn from the cultural heritage sector in Ahmedabad also got started, and they have been showcased in a few exhibitions cum sale events. A selected group of entrepreneurs alongwith participants from Ahmedabad University and Ahmedabad Municipal Corporation (partner in this project) went to Spain for a week long study trip.

The process of preparing the Best Practices Manual and a Venture Lab Procedures Manual began within this year, which will be released at the project closing event in September 2016. Earlier the EU funded project also organised a series of master class and business training programmes involving as well as networking events on various themes of cultural heritage management for heritage enthusiasts, entrepreneurs and other stakeholders from across Ahmedabad. The training programmes were conducted by faculty of Ahmedabad University as well international and external faculty from India, Spain, USA, etc.

Another major project which is about to be completed within the year 2016, is the design of three heritage walks and associated volunteer training programmes in the cities of Junagadh, Lakhpat and Vadodara, for Tourism Corporation of Gujarat Ltd. In connection to the heritage walks designed for the three cities, one joint training programme in Ahmedabad as well as three separate training programmes in the three cities were also conducted, in which over 100 heritage walk volunteers were trained. An earlier project for the TCGL on design and launch of mobile app for heritage sites across Gujarat was also successfully completed, in which CHM brought in the School of Computer Studies, Ahmedabad University as technical partner.

The **Centre for Cultural Resources and Training (CCRT)** of the Government of India contracted CHM for the second time in a row for conducting a national level training programme on '*Arts, Culture and Heritage: A Management Perspective*' for mid-level government officials from across the country. CHM masters students also participated in this national level programme, with due approval from CCRT, and as part of a special course in their second semester.



Educational Trips This Year

RAJASTHAN: MOMASAR, LADNU & BIKANER

Course: Immersion Programme

POLO

Course: Workshop/Project

LOTHAL & VADNAGAR

Course: Archaeological Heritage Management

L.D MUSEUM

Course: Disaster Management & Museum Archives

SANSKAR KENDRA / MANEK CHOWK

Course: Documentation & Conservation Skills

KUTCH

Course: Indigenous Knowledge System Management

SARKHEJ ROJA, GANDHI ASHRAM , VISHALA, ADALAJ

Course: Documentation & Conservation Skills

CHAMPANER & PAVAGADH WORLD HERITAGE SITE

Course: CCRT Programme

CHM Students Practicum

Practicum is the part of a course consisting of practical work in a particular field. First batch of CHM students had to complete 10 weeks of practicum. Following are some of student experiences:

The Practicum at National Centre for Preservation Technology & Training, USA

Chirashree Thakkar, did her Practicum with the National Centre for Preservation Technology & Training, USA. She is an accomplished architect who is currently pursuing her Masters in Heritage Management at CHM. Her training at Natchitoches was a part of CHM's collaboration with the National Centre for Preservation Technology and Training in the USA. Her engagement with the multiple layers of culture in the town exposed her to French colonisers, African slaves and Native Americans (Coddos). She explored the heritage of Creole, Cajun and Cadian there, while enjoying folk festivals at the North-Western State University (NSU) located in the region.

The Practicum at Mehrangarh Fort Museum Trust, Jodhpur

Kalpana Chauhan, did her practicum with Mehrangarh Fort Museum Trust, Jodhpur. This 60 year old student of CHM, whose passion and drive is to restore her own heritage palace in the interiors of Bundelkhand, has made her take up studies on managing heritage. She choose her practicum at the magnificent Mehrangarh Fort, the citadel of which dominates the skyline of Jodhpur as the receptacle of the cultural and archaeological style of the Marwar region. Hers was a learning experience on the adaptive reuse and a value investment of ancient heritage.

The Practicum at Savani Construction Co Pvt. Ltd, Mumbai

With a structural engineering background, Meet Vohra explored the conservation and preservation of tangible heritage as an intern with Savani Construction Co Pvt. Ltd in Mumbai, Maharashtra. He engaged in creating a management plan for the grade 1 heritage building in Mumbai i.e. the Bombay High-court. During his practicum, he learnt about different types of works related to wood, glass, laying of heritage tiles and many more, and different aspects of management including material management, labour management, financial management, liaison with government officials connected with the project, better teamwork between heritage manager, engineer, architect, archaeologists and the clients etc.

The Practicum at SETU Abhiyan, Kutch

Leora Pezarkar, who had earlier designed heritage, walks to introduce visitors to the richness of heritage in Mumbai. Her engagement with Setu Abhiyan, Kutch involved working in a village Panchayat in Kutch to help identify their built, cultural and community heritage. She explored ways to bring recognition to these assets through involvement of their local governing body. Her practicum has exposed her to the integral link between heritage and governance.

The Practicum at Ahmedabad Municipal Corporation, Heritage Department

Param Pandya, did his practicum with Ahmedabad Municipal Corporation, Heritage Department. He was engaged with Ahmedabad Municipal Corporation (AMC) for his practicum. He believes that one of the ways of preserving heritage is by involving with the community and local government bodies.

His engagement included heritage walk, workshop on conservation, documentation, and correspondence with the Ministry of Culture, GoI for different projects taken up during his practicum at AMC.

The Practicum at Bangla Natak dot com

Shailja Parashar, did her practicum with Bangla Natak dot com (<http://www.banglanatak.com/>) Shailja Parashar explored myriad hues of craft and art as an intern with Bangla Natak dot com in rural Bengal. She was engaged in creating a management plan for the craft of wooden dolls of Natungram, and in a training programme of Baul music and other unique projects during her practicum.



Grant at CHM

Grant Awarded by: European Union Funded Project 'The Cultural Heritage and Management Venture and Cluster Lab'

Duration: 3 Years

Grant Amount: Rs. 3.38 Crores

Faculty Achievement

- **Neel Kamal Chapagain** was awarded Institutional Development Award 2016 by Ahmedabad University.
- 6th January 2016 **Debashish Nayak**, Director of CHM was awarded "**The Spirit of Ahmedabad**" by the chief minister of Gujarat in Ahmedabad for his contribution in protecting of city's heritage.

Consultancy Projects

- "Mobile App for Heritage Sites in Gujarat" for **Tourism Corporation of Gujarat Limited (TCGL)** in September 2015.
- Heritage Walk at Junagadh, Vadodra and Lakhpat for the **Tourism Corporation of Gujarat Ltd.**





VENTURESTUDIO

VentureStudio was established in October 2011 in collaboration with the Center for Design Research at Stanford University. Also, generous contribution worth 10 Crore 60 Lakh over the period of 5 years was extended by J M Financial Group, ENAM group, Asit Koticha foundation and Damani Estate & Fin. Pvt. Ltd.

VentureStudio is a unique centre established by Ahmedabad University, to support creation of innovative scalable start-ups. It is a place to convert entrepreneur's dream to a winning venture. Our unique design-thinking based fellowship programme enables young aspiring entrepreneurs to design and launch their products to meet genuine user needs and build and grow venture around this.

VentureStudio helps and empowers them to give shape their product ideas, build their market knowledge, test & refine their product. Along the way, they also start building a high performance and motivated team. VentureStudio maintains a lively and open work environment to spur their creativity and efforts. It is also a place where they learn from several peers who are working on their own ventures. In 5 years, over 90 fellows have joined, over 45 ventures have been formed, and 24 are active. Ventures are in diverse fields like health, education, energy, agritech, environment, auto service, transportation etc. Whether students are toying with ideas or an aspiring entrepreneur identified idea or a domain of interest, or an entrepreneur is already having an early stage venture, VentureStudio has a suitable programme.

We welcome entrepreneurs from anywhere in the country or even outside. VentureStudio and our start-ups also offer exciting internship and work opportunities, which enables them to understand the start-up world through practical work.



Activities at VentureStudio

- VentureStudio partnered with **Centre for Innovation Incubation and Entrepreneurship** (CIIE- IIMA), SAP and AAN to host 2 Days workshop (Second module) for selected 8 start-ups from the 20 start-ups that made up to the pre-accelerator phase of the Gujarat Accelerator. Selected start-ups were engaged in 3-month high intensity acceleration process which included 6 capacity building workshops, individual mentoring and advisory support. The second module of the workshop was hosted by VentureStudio at School of Engineering and Applied Sciences (SEAS), Ahmedabad University on 2nd- 3rd October 2015.
- VentureStudio and Icreate organised a one day event - **Start-up Fair - winter 2015** at School of Engineering and Applied Sciences (SEAS), Ahmedabad University, on 6th December 2015. The purpose of the fair was to bring start-ups and aspirants, both professionals and students on a common platform to explore working opportunities in start-ups for mutual benefits. The start-up featured various events like job fair, start-up HR pitches, B2B meetings, networking dinner and panel discussion. 38 start-ups and more than 750 participants participated for the event. Professionals from Indore, Jaipur, Udaipur and Mumbai had participated maximum in the event.
- The fourth VentureStudio annual conference with the theme, **"Innovation Explosion through Design Thinking and Entrepreneurial Investors Networks"** was organised on 14th and 16th January 2016 at Mumbai and Ahmedabad respectively. The speakers of the session were Professor Kees Dorst, Professor of Design at the University of Technology, Sydney, Australia & Professor Ted Zoller, Director, Centre for Entrepreneurial Studies, Kenan-Flagler School of Business at the University of North Carolina, Chapel Hill.
- VentureStudio hosted **"Frame Creation Workshop"** for Ahmedabad University faculties and selected senior students. That was facilitated by Dr. Kees Dorst and assisted by Dr. Neeraj Sonalkar and Dr. Ade Mabogunje. The workshop was held on 18th January 2016 on the theme **"Solve the Unsolvables"**. The main feature of workshop was to explore the open, complex, dynamic and often systemic problems facing our society and how can we abandon old ideas, structures, processes and habits and create radically new solutions.
- **National Entrepreneurship Network's** young entrepreneur boot camp was held on 5th February 2016. VentureStudio served as host partner and a discussion leader for this camp. The boot campus was led by Anay Mashruwala. Also there was a mentoring session to refine student's business plans, and to develop their business plan pitches.
- VentureStudio partnered with Entrepreneurship Development Institute of India (EDI) and served as a Start-up and Accelerator Partner for Impresario 2016 with the theme **"Building Entrepreneurial Ecosystem in India- Catalysing Growth and Change!"** VentureStudio assisted in connecting to start-ups based in Ahmedabad. It was held on 26th - 27th February 2016 at EDI Campus, Ahmedabad.
- A faculty workshop was organised on **"Challenges in innovation and How to bring innovation to Ahmedabad University"** on 8th March 2016. This faculty workshop was led by Rakesh Pandey and Jos Scheffelaar, in which they discussed about challenges for innovation system and how Ahmedabad University can address these challenges.
- VentureStudio partnered with GTU for **Entre'Sum 2016**, The Entrepreneurial Summit under its Central TechFest'16. This fest included 450+ colleges which come under GTU, and had around 8000-10,000 footfalls. It was held on 11th March 2016.
- Innovation & Incubation Centre (IIC), PDPU, Gandhinagar organised two days **BOOTCAMP for students** of different universities/institutes. VentureStudio has served as a Community Partner with IIC for this event. It was organised on 7th - 8th April 2016 at Om Engineering College, Junagadh.
- The first **Ahmedabad Heritage Venture Lab (AHVL) exhibition** was organised on 16th and 17th April 2016 at Amrut Mody School of Management, Ahmedabad University. Ahmedabad Heritage Venture Lab (AHVL) is a Venture Lab of ACHC Trust set up to incubate and mentor innovative, new and economically sustainable ventures in the heritage sector. The AHVL, funded by European Union (EU) is presently managed by CHM and VentureStudio.



- The Industries Commissioner office, Government of Gujarat has approved Ahmedabad University as a nodal agency under the **Government of Gujarat Start-up Support Scheme**. Start-ups incubated at VentureStudio will be eligible to apply for the same.
- VentureStudio is an approved incubation centre supported by DST for selected start-ups of **Start-up India Initiative**.

VENTURE ACHIEVEMENT

- **Collegebol:** Collegebol is India's only social college selection platform that makes available a wealth of high quality information about colleges in India to make the process of college selection a breeze. Collegebol was awarded as one of India's Top Digital Trailblazer that's using technology to make a difference to people's lives at the Digital India Conclave by India Today and HP. Collegebol was selected amongst the Top Start-ups across India for Stanford GSB, Duke and Spirit's Growth Programme at Infosys, Mysore. It also raised a pre-series, a round led by Sharvil Parikh of KellyGamma Fund One and members of the Ahmedabad Angel Network (AAN). Collegebol crossed 10,000 college reviews and 1, 00,000 ratings spanning 59 courses in 800 Colleges from 169 locations across India.
- **Interestship:** It is a platform where students are connected to innovative companies and providing them internships in domain of their interests. It helps students to explore what they are interested into and also gain industrial skills. Interestship is one of the 10 winners of Start-up Trek organised by TiECON Ahmedabad on 5th April 2016.
- **Oowomaniya.com:** It is a safe and private online platform exclusive for women's health and wellness. Sneha Bhavsar, Co-Founder and CEO of Oowomaniya.com attended the annual meeting of New Champions 2015 at Dalian, China and was awarded as the New Champion for 2015 by the World Economic Forum.
- **Wockito:** Wockito is a new generation smart phonebook. The app also lets you set up your Business Card and share it with your potential clients anytime and anywhere. Ms. Nidhi Mevada, co-founder of Wockito has been selected in top 10 Woman entrepreneurs of India by Angel summit. Wockito also won first prize at Angel Summit Delhi. Wockito was selected as top 50 Start-ups in Asia by Conquest - 2015, the start-up conclave organised by BITS, Pilani.

- **Cruzer:** Cruzer is an online and mobile service that allows users to manage all their vehicle statistics and gives them a platform to connect to their service providers. Cruzer won award for "Innovative Trainer Award 2016", organised by Indian Society for Training and Development, Vadodara.
- **Kahinee:** Kahinee is a rural healthcare start-up, founded by 3 students of SEAS, Ahmedabad University. It provides Interactive voice modules or Voice assisted service on mobile phones. It works on designing engaging plays that educate the rural audiences about maternal and child care issues as well as anemia and nutrition. Indian Society for Training and Development, Vadodara organised "Innovative Trainer Award 2016", in which Kahinee was awarded "Winner Award".

STAFF ACHIEVEMENT

- **Paresh Vora & Ravin Sanghavi** were selected as the mentors by the Entrepreneurship Cell, IIT Bombay and are also guiding upcoming start-ups.
- **"Innovative Trainer Award 2016"** was organised by Indian Society for Training & Development, Vadodara Chapter on 20th- 21st February at CKSV Institute of Management, Vadodara. Ravin Sanghavi, head coach was invited as a Jury Member on 20th February.
- **Ravin Sanghavi** was invited as a Jury Member for Ideathon #ChaseYourDreams, contest sponsored by Paytm held on 15th April at Delhi Technological University.
- **Ravin Sanghavi** visited Valladolid, Spain, as part of 10 member delegation from Ahmedabad Cultural Heritage Cluster on one week study trip from 16th-23rd May. Sanghavi also visited the innovation agency set up by the city council of Valladolid and the science and technology research park set up by the University of Valladolid and exchanged information and ideas with them about the entrepreneurial ecosystem.

Media Coverage

- **Zybra:** Zybra is an online bookkeeping service. It is not just an online bookkeeping software but also bookkeeping professional can do their accounting. It's easy and convenient for small business owner, so they can focus on other area rather than accounting.
- **Profiled Skin:** It is a B2B services providing best fit to the online buyers through a simple click of their own perfect size wearables. It is a simple and user-friendly tool that gets integrated with any e-commerce website and provides customer the perfect size of their shopped clothes/footwear's and thus reduces the no. of returns/exchanges by providing better customer satisfaction.

Partners and Collaborations

- VentureStudio has partnered with Centre of Heritage Management (CHM) to form Ahmedabad Heritage Venture Lab (AHVL), to encourage, support, mentor and promote Heritage Ventures. Approximately 1000 people visited this exhibition and complemented the organisers for such a unique event.
- VentureStudio and CIIE initiatives developed a partnership to organise The Gujarat Accelerator 2015-16, a business accelerator programme to support early stage tech enabled start-ups from Gujarat. The accelerator programme comprises of four months of intensive mentoring and advisory support for selected start-ups.
- VentureStudio partnered with National Association of Software and Services Companies (NASSCOM) for a programme NASSCOM –Start-ups. The activity in partnership includes supporting creation of vibrant ecosystem to foster technology entrepreneurship.

Guest Lectures at VentureStudios

- A session on *"Symphony - An Entrepreneurial Journey Challenges and Successes"* was delivered by Shri Achal Bakeri, CMD, Symphony on 9th July 2015. He discussed about his challenging journey in Symphony and gave useful learnings to young entrepreneurs.
- An interactive session on *"NetMagicProfile & Technology Product/Services Presentation"* was addressed by Pratik Shah (AGM-Sales) & Shree Krishna Kulkarni (AVP – Solution Engineering) at VentureStudio on 13th August 2015. They presented their role in secure and flexible IT products and services such as Cloud, Hosting etc. which was helpful in giving industrial insights to budding IT entrepreneurs.
- An interactive session on *"The Future of Digital World & Emergence of New Business Models"* was delivered by Kaushal Chokshi, President, Scaale Group, USA addressed on 28th September 2015.
- On 5th January 2016, V.C. Kartick, Angel Investor, Mumbai conducted Dean Woodard, Assistant General Counsel of IP and Licensing at Research Triangle Institute visited Ahmedabad on 11th-12th January 2016. He visited VentureStudio and talked on research and knowledge creation, knowledge transfer, technology commercialisation, entrepreneurship/start-ups, education and human capital formation, as well as policy and regulatory impact. He also showed keen interest in meeting local start-ups and other companies that either have their own R&D facilities or collaborate with other entities to innovatively expand their business.





- VentureStudio hosted a session of Ben Littauer, Angel Investor, and Boston on “*What investors look for pitching*” at AMSOM-BKMIBA on 7th March 2016. He discussed about start-ups, co-founders, teams etc. from investor’s point of view.
- Jos Scheffellar, European Entrepreneur, chaired a session on “*Boston Entrepreneurial Ecosystem*” held on 7th March 2016. The session included (1) the discussions on Innovation and Entrepreneurship in Boston Area and (2) challenges and strategies for start-ups to enter US Markets.
- A session was organised for ACHC/AHVL members on “*Issues Related to Setting up of a New Business/Companies*”. This was very useful for new start-ups too who are in process of registering their entities. The session was taken by an expert Rajni Shah (Rajni Shah & Associates, a CA firm).
- Vikas Chavda, Founder of Quantum Leap and an Innovation expert took up a session on “*Innovation & Start-ups*” on 6th May 2016.

New Programmes at VentureStudio

- Ahmedabad Heritage Venture Lab (AHVL) is a unique programme started by Centre for Heritage Management and VentureStudio of Ahmedabad University, Casa De La India and University of Valladolid, Spain, and is sponsored by the European Union. It seeks to promote ventures in the field of heritage management
- Nascent Venture Programme supports early stage ventures with VentureStudio’s networking, mentoring, facilities and funding facilitation support, to help them grow rapidly.
- VentureStudio launched first batch of “Fellowship Programmes for Ahmedabad University students”. This programme is specially designed for final year students of Ahmedabad University so that they can develop their venture along with their studies. It is full time programme of 6 months.
- “Technology Entrepreneurship Programme” for Gujarat Technological University (GTU) students. There are two Technology Entrepreneurship Programmes for GTU students:
 1. Minor in Technology Entrepreneurship Programme (For SEM 4th, 5th and 6th)
 2. Specialisation in Technology Entrepreneurship Programme (For SEM 6th, 7th & 8th). It is a part time programme from 6-18 months.

Events at VentureStudio

HEF 3rd regional Conference

VentureStudio served as the knowledge partners for the 3rd regional conference held by **Higher Education Forum (HEF)** - Gujarat Chapter, in collaboration with SMJV's C.K.Shah Vijapurwala Institute of Management (CKSVIM) with the theme "*Bringing New Knowledge in the Classroom*" on 31st October 2015.

Higher Education Forum (HEF) is promoted as an advocacy group of individuals concerned with issues and challenges in the landscape of higher education in India. The conference envisaged in bringing together the academicians, industry personnel's, professionals, students, and industry association members to present ideas and debate on theme.

Ravin Sanghvi was invited as a member of panel that discussed innovative approaches in and practices related to the theme of conference. Sanghvi shared the design thinking approach being practiced at VentureStudio in formation of scalable venture with innovative product & services. He also cited the PBL (Project Based Learning) methodology being practiced at SEAS, Ahmedabad University in collaboration with Olin College of Engineering.



Visit of Government of Gujarat delegates to VentureStudio

A 10 member delegation from Government of Gujarat - Industry department, Education department, Science & Technology department led by Shri Arvind Agarwal, IAS, Additional Chief Secretary, Industry & Mines visited VentureStudio on 30th October 2015 as a part of their study tour of leading incubators to understand and evaluate the start-up support infrastructure and ecosystem in Ahmedabad.

A 10 member delegation from Ahmedabad University led by Chairman, Pankaj Chandra received and interacted with the delegation from Government of Gujarat.

The discussions were centred around the facilities and infrastructure acquired by incubators and supportive role government can play in creating start-up friendly ecosystem. The upcoming start-ups from VentureStudio also made presentation to the delegates about their product/service offerings. The delegation expressed satisfaction about the initiatives taken by Ahmedabad University and assured to facilitate further growth.



National Entrepreneurship Network

The National Entrepreneurship Network (NEN) is a network of academic institutions across India performing research and developing and delivering world-class education, skill-building programmes, networking activities and company-starting assistance to new, high-growth entrepreneurs. Asgar Ahmed, Director, National Entrepreneurship Network and Marlina Ramchandran, Regional Manager, National Entrepreneurship Network visited VentureStudio in December, 2015 to understand the VentureStudio infrastructure and interact with start-ups being incubated. They were impressed by the vibrant atmosphere at VentureStudio.



Workshop in partnership with CIIE-IIM A for Gujarat Accelerator Programme

VentureStudio partnered with Centre for innovation incubation and Entrepreneurship (CIIE- IIMA), SAP and AAN to host 2 Days workshop for selected 8 start-ups from the 20 start-ups that made up to the pre-accelerator phase of the Gujarat Accelerator. Selected start-ups were engaged in 3 month high intensity acceleration process which included 6 capacity building workshops, individual mentoring and advisory support. The second module of the workshop was hosted by VentureStudio at SEAS, Ahmedabad University on 2nd -3rd October 2015 .

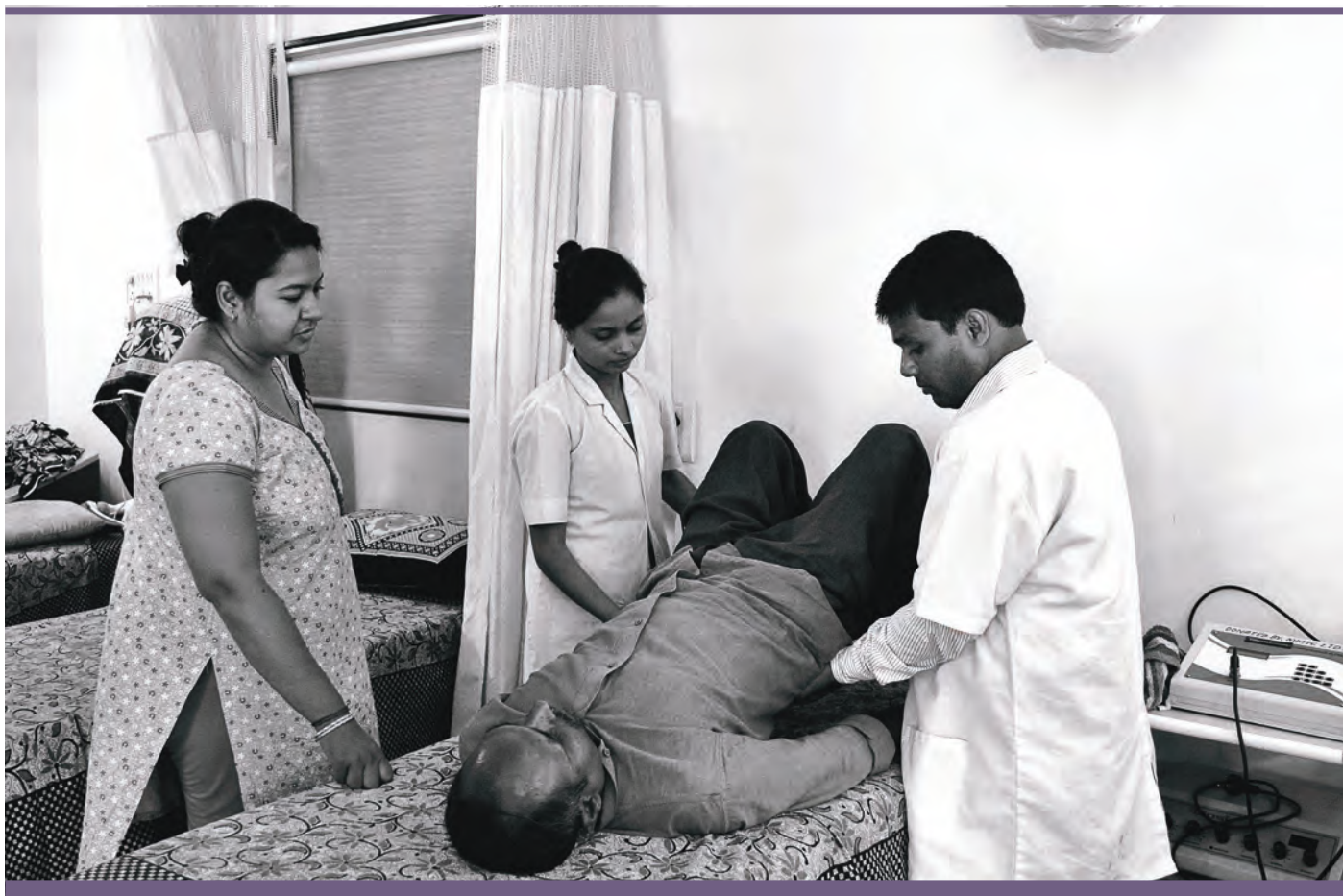


Start-up Winter Fair 2015

VentureStudio and Icreate, an autonomous start-up support institution organised a one day event Start-up Fair - Winter 2015 at SEAS, Ahmedabad University on 6th December, 2015. The purpose of the fair was to bring start-ups and aspirants both professionals and students on a common platform to explore working opportunities in start-ups for mutual benefits.

The start-up featured various events like job fair, start-up HR pitches, B2B meetings, networking dinner and panel discussion. 38 start-ups and more than 750 participants participated for the event. Professionals from Indore, Jaipur, Udaipur and Mumbai had participated maximum in the event.

VentureStudio other activities are covered in Appendix C, Page 113



Physiotherapy College for the Visually Impaired

The course 'Advance Diploma in Physiotherapy' for the visually impaired is conducted at two centres; one is at the Physiotherapy College for the visually impaired originally set up by the **Deaf and Mute Society**, Navrangpura, Ahmedabad, and another at Physiotherapy Department, **Blind Peoples' Association**, Vastrapur, Ahmedabad. Visually challenged students from all over India are eligible for admission on completion of standard 12 examinations with English as a subject. The selection is done only after a detailed assessment. The faculty uses standard lecture method for teaching. All these lectures are recorded live on computers using latest sound recording software. This enables the student to refer this data at any time later after the class. The examination is conducted using multiple choice question formats on a computer. The writer based exams often leads to unsatisfactory results as the writer chosen may not have good handwriting or is often unfamiliar with the medical terminology and may not write the paper at the required speed.

Total Diploma Students	63
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Total Faculty	5
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Life at Ahmedabad University

Key Events at the University

4th Annual Lecture at AMSOM-BKMIBA by Kiran Karnik, Former President, NASSCOM.

This year the 4th Annual Lecture at AMSOM- BKMIBA was graced by Kiran Karnik Former President, NASSCOM on 1st April 2016. The event was held in the presence of Professor Pankaj Chandra, Professor Devanath Tirupati, Mr. B. M. Shah, to name a few. Shri Karnik hit the right chords with the students through his interactive lecture on "*Humans need not apply*". Through his lecture he stirred the future leaders in making to adopt curiosity as an integral part of their everyday life. This curiosity to innovate and discover would blend them in the changing knowledge spectrum of the world. He also emphasised on the contribution of knowledge in changing the world. He inspired the students to adopt small yet significant changes in their life to make them into better leaders and contribute towards making this world a better place.



Lecture Series by Howard Spodek

Professor Howard Spodek is the Shrenik Lalbhai Chair Professor of the Management of Social Organisations, Ahmedabad University, and Professor of History, Temple University, USA. For many years Professor Spodek has been active in formulation and teaching the subject of World History. Apart from this his main field of research has been the history and current functioning of the city of Ahmedabad. Ahmedabad University conducted Lecture series by him in following order:

- The Evolution of Human and the Origins of Human Culture (9th Dec, 2015)
- Settling Down Into Villages and Agriculture (23rd Dec, 2015)
- Constructing the First Cities (13th Jan, 2016)
- Forging Early Empires (27th Jan, 2016)
- Consolidating World Religions (10th Feb, 2016)
- Extending Trade Around the Globe (2nd Mar, 2016)
- Creating 'Modernity' (9th Mar, 2016)
- Revolutionising Industry (23rd Mar, 2016)
- Waging Global Warfare (13th Apr, 2016)
- Proclaiming Identity (27th Apr, 2016)



Farewell Function of Shri Prafullbhai Anubhai

Over the past six years, the name Shri Prafull Anubhai has become synonymous with Ahmedabad University. He was not just Ahmedabad University's first Chairman BoM, but a father figure to the entire Ahmedabad University. Shri Prafull Anubhai stepped down as Chairman BoM and to commemorate his contributions, a felicitation ceremony was organised by Ahmedabad University's Chancellor, Shri Sanjay Lalbhai in 15th October, 2015. In addition to Sanjaybhai, Dr. Prakash Mody (M.D., Unichem), Dr. Bakul Dholakia (ex-IIMA Director) and of course Prafullbhai's trusted co-worker and confidante, Ahmedabad University former Provost, Dr. A. H. Kalro spoke about their experiences of working with Prafullbhai. In his last official appearance as Ahmedabad University's Chairman BoM, Shri Prafull Anubhai humbled everyone with a heart warming speech. Ahmedabad University will remember him forever for his contribution.



Foundation Day

Ahmedabad University celebrated its Foundation Day on 25th February 2016 at the Amrut Mody School of Management (AMSOM). The Chief Guest at the ceremony was Padmashree Leela Samson, acclaimed classical dance virtuoso. Smt. Samson spoke to the young audience about the beauty of the Guru-Shishya culture and its changing importance within the current education system. Smt. Samson awarded students for their various achievements.



Youth Festival

The Ahmedabad University's 6th Youth Festival was organised on 23rd -25th September, 2015. It was a university level platform for students and 29 events were organised this year in line with competitions at the National Level Youth Festival hosted by the Association of Indian Universities. The festival witnessed an abundant flow of talent in Intellect, Fine Arts, Theatre, Dance and Music. Each year, the event witnessed an increased number of enthusiastic participants. The AMSOM-BKMIBA team won the Best Performing College for securing the highest number of prizes, including the Best Performance in the Dance, Music, Theatre & Fine Arts categories at the Youth Festival.



Freshers' Welcome

The Ahmedabad University Freshers' evening was organised on 26th July, 2015 to welcome the fresh batch of students across the University. The evening began with informal games like tug of war, gali cricket and stall games. Simultaneously, an adventurous treasure hunt was also conducted with its clues spread across the Ahmedabad University campus. The main event began with a music performance by combined band of seniors across Ahmedabad University. The Mr. & Ms. Ahmedabad University Fresher competition judged the students on their personality and talent. All in all, it was a wonderful evening to forge bonds beyond classrooms and college boundaries.



University Convocation Ceremony

Ahmedabad University's fifth convocation was held at the University's School of Engineering and Applied Sciences (SEAS) lawns on 28th November 2015. The Chief Guest, Shri Adoor Gopalkrishnan, World renowned filmmaker conferred graduation degrees to 1123 students; these included 115 MBA students, 9 EMBA students, 11 M.Sc. students, 175 MCA students, 123 BCA students, 20 BBA (Hons.) students, 187 BBA students and 483 BCom students.



SSETU: “Wellness for All”

The University provides many resources to support our students through their academic and personal journey. SSETU, a student facilitation centre is one such access point for students seeking information and services. It works with the objective of providing proper guidance and support to our students.

It is a moment of pride for Ahmedabad University as our Student Facilitation Centre is now three years old. It is a place our students turn for various queries, support, information, guidance and counselling. Our effort is to connect with our students at a personal and individual level; to build a bridge that opens up good communication lines for them. The centre is aptly called SSETU which in Sanskrit means “a bridge”. It is the endeavour of all associated with SSETU to develop it into a vibrant place that all our students find inviting. We earnestly aim at offering them accurate information and sound guidance in an environment of trust and confidence.

Our staff befriends the students and works at building a rapport with them to provide them an empathetic environment so that they can have “A Home Away From Home”.

In three years since its inception, SSETU has offered the following services that the students have availed.

- Over 900 free walk-in medical consultations
- Over 165 walk-ins for personal counselling
- Over 3600 students received primary health check-up
- Over 3200 students underwent Thalassemia screening
- Over 700 walk-ins for general enquiries
- Total 931 units of blood donated by students
- Nearly 80 talks & workshops
- Awareness campaigns for vital student-related issues
- 83% students availed SSETU services

The Ahmedabad University, in the previous academic year (2015-16), provided scholarships to 221 deserving students. The process of granting scholarships to those who come from financially modest background and reaching out to the deserving students requires lot of rigorous checks. Through its “Family Connect” programme, an attempt is made to keep in touch with such families, sometimes by home visits made by the counsellor from Ahmedabad University’s Student Support Cell, SSETU (Student Support, Engagement & Tutelage). The purpose is to enquire about the well-being and academic progress of the students receiving financial aid. This year Chairman of the University also took an initiative to personally visit few families of students receiving financial aid.

The following table depicts the service / activity areas of SSETU and the footfalls for the Year 2015-16

Walk-ins for Medical Consultation	414
Walk-ins for Personal Counselling	65
Walk-ins for General Enquiry	316
Medical Check-up of FY students	1404
Thalassemia Screening	811
Blood Donation (student participation)	575
Blood Donation (units donated)	385
Workshops / Talks	31
Camps	10
Articles on SSETU’s Website	14
Home visits & calls to recipients of financial aid	52



ACTIVITY	DATE	VENUE
International Yoga Day	21 st June	S.H. Kharawala School
Panel discussion on “Grooming and Fitness” by Dr. Riddhi Shukla and Mrs. Kalpana Pareek	8 th July	SCS
Talk on Anti-Narcotics Awareness by Shri Hari Om Gandhi, Regional Director, Narcotics Control Bureau	14 th July	SCS
Talk on Female Health issues by Dr. Riddhi Shukla	17 th July	AMSOM
Talk on “Nutrition and Fitness” by Dr. Riddhi Shukla	7 th August	SAS, DBLS
Booklet on “Benefits of Yoga”	-	SSETU website
“Prevention of Suicide amongst Student Population” by Dr. Himanshu Desai	11 th February	AMSOM
Yoga Camp	14 th March-1 st April	SAS, DBLS
“Avoiding Common Writing Errors”	7 th August	AMSOM
“Attributes for Career Success”	8 th August	SEAS
“Grooming & Personality Development”	8 th August	SEAS
“A Guide to Etiquette”	30 th October	SAS, DBLS
“Attributes for Success in Career”	5 th January	AMSOM
Self Defence Workshop	10 th & 14 th August	AMSOM & SAS, DBLS respectively
Panel Discussion on “Women in Workforce”	13 th August	AMSOM
Panel Discussion on “Gender Sensitisation: Role of Youth and Society”	15 th December	SCS
Workshop on “Emotional Hygiene”	8 th April	SAS- DBLS
Blood Donation Camps	1 st , 8 th , 14 th December 30 th January	AMSOM SCS
Thalassemia Screening	27 th -30 th January 29 th January & 4 th March 30 th January	AMSOM SEAS SCS



Felicitation & Honours

- The Indian Red Cross Society (IRCS), State Branch, felicitated Ahmedabad University for commendable effort in organising Thalassemia Screening camps and motivating students to undergo screening. The then Governor, Dr. Kamla Beniwal presented the trophy at an event organised by IRCS.
- IRCS, Ahmedabad District Branch, felicitated Ahmedabad University for the committed services rendered towards IRCS's Blood Donation Drive. The trophy was presented by the Hon'ble Governor, Shri O. P. Kohli during IRCS's *"Donors and Organisers Felicitation Ceremony"* held at Raj Bhavan, Gandhinagar.
- HDFC Bank honoured SSETU for *"Valuable Partner & Outstanding Camp Organizer"* during Blood Donation drive
- HDFC Bank honoured SSETU coordinator for *"Encouragement & Active Support"* during Blood Donation drive

SSETU Services

- We provide personal counselling in an environment of trust and confidentiality.
- The medical room offers free medical consultation and primary health check-ups.
- Accommodation information is provided to out-stationed students.
- We organise workshops and talks by experts on topics of students' interest.
- We help create awareness about socially relevant issues.
- Blood donation and Thalassemia screening camps are organised.
- Wellness initiative like yoga classes are a regular feature.
- We also offer academic guidance and counselling.
- We reach out to the students families that may require support.



University Research Board

The University Research Board (URB) strategically advances the impact of the university through research and publications, real-world problem solving and partnerships, grant-making as well as intellectual property support. The URB largely supports faculty research. The URB comprises members who represent the most outstanding research talent on campus.

The URB currently comprises the following:

- Provost
- Dean, Amrut Mody School of Management
- Dean, School of Engineering and Applied Sciences
- Associate Dean, School of Arts and Sciences
- Associate Dean, School of Engineering and Applied Sciences

The URB coordinates the following:

- University Research Working Paper Series
- University Research Seminar Series
- CEPT-Ahmedabad University Lectures
- University wide workshops on grant making and publishing
- Internal Grants for Research, Conferences and Travel
- Intellectual Property Rights

Ahmedabad University is aspiring to become a research university where it contributes to the society through its deep innovative thinking and agenda based research. Some of the elements of our strategy that set us apart from other institutions in the country are:

- Start-up, Seed, Challenge grants
- Faculty Development Support
- State-of-art laboratories and workshops
- Research Seminar Series (including joint seminar with CEPT and NASI)
- VentureStudio – Innovation support for commercialisation of innovation
- Global grant making and publications

The University is developing an Undergraduate Research Programme (UGRP) to encourage undergraduate students to experience the joy of research and what it means to be a researcher. Through the Undergraduate Research Programme, UGRP, the University provides several opportunities to students to deeply explore issues or ideas by either working on it independently under the supervision of a faculty or with a faculty member in their lab work or on their research projects. This programme tenders valuable preparation for graduate school and imparts exposure to a research-oriented career. It also provides an opportunity to work closely with a professor. UGRP provides supervised research support that under certain conditions is eligible for credit.

Faculty & Staff

At Ahmedabad University we believe that key to a successful university is to empower their Faculty and Staff. To nurture and motivate them to build a culture around academics that our University aspires to have i.e. integrity, openness, academic freedom and achievement oriented. Below is an overview of our Staff and Faculty during 2015-16:

Institute	Teaching Staff	Lab/ Library Staff/ Fellows	Teaching/ Research Associate	Non- Teaching Staff	Chairman/ Dean/ Associate Dean / Registrar/ Director	Support Staff	Total Staff
AMSOM	50	14	8	17	2	11	102
School of Computer Studies	14	7	1	3	1	4	30
School of Engineering and Applied Science	21	11	15	7	1	5	60
School of Arts and Sciences	7	4	3	4	1	3	22
Centre for Heritage Management	2	4	1	3	1	2	13
SSETU	0	0	0	2	1	1	4
Physiotherapy College for the Visually Impaired	4	0	0	0	1	0	5
VentureStudio	0	0	1	2	2	2	7
University Office	0	0	0	33	2	12	47
Total	98	40	29	71	12	40	290

Category Wise Teaching Staff

Professors	Associate Professors	Assistant Professors	Assistant Professors Teaching Track	Senior Lecturer/ Assistant Lecture	Lecturer	Adjunct Faculty/ Adjunct Lecturer	Adhoc Faculty/ Part Time/ Other	Total
6	6	28	17	26	6	5	6	100



New Appointments

- Ravin Sanghavi, appointed as Head Coach at VentureStudio in July 2015
- Devanath Tirupati, appointed as Dean of Amrut Mody School of Management in October 2015
- Pankaj Chandra, appointed as Vice Chancellor and Chairman Board of Management, Ahmedabad University in October 2015
- Bhavi Patel, appointed as Associate Director, Admissions & Financial Aid in February 2016
- Anurag Mehra, appointed as Dean Planning and Professor at School of Engineering and Applied Sciences in February 2016 (visiting)
- Juhi Bansal, appointed as Associate Director, Learning Initiatives in March 2016
- Pratyush Chatterjee, appointed as Head Facilities & Services in March 2016
- Mukesh Patel, appointed as Associate Director in April 2016
- Biswadeep Bhattacharjee, appointed as Head Civil Engineering/ Projects in June 2016

Farewells

- Bhavesh Patel, Dean of Amrut Mody School of Management left in September 2015
- Shailendra Raj Mehta, Provost of Ahmedabad University left in October 2015
- Anil Sahai, Dean of School of Engineering and Applied Science left in February 2016
- C. K. Koshy, Chief Executive at Centre for Heritage Management left in March 2016

Retirement

- Prafullbhai Anubhai, Chairman of Board of Management at Ahmedabad University since 2009, retired in October 2015

In Remembrance

- Mundon Pandan Ranjan, Adjunct Professor from July 2014

Ahmedabad University Faculty Awards

- Mita Suthar, Associate Professor, Chairman's Teaching Award 2016
- Neel Kamal Chapagain, Assistant Professor, Institutional Development Award 2016
- Sanjay Singh, Assistant Professor, Excellence in Research Award 2016

List of Faculty covered in Appendix A, Page 104



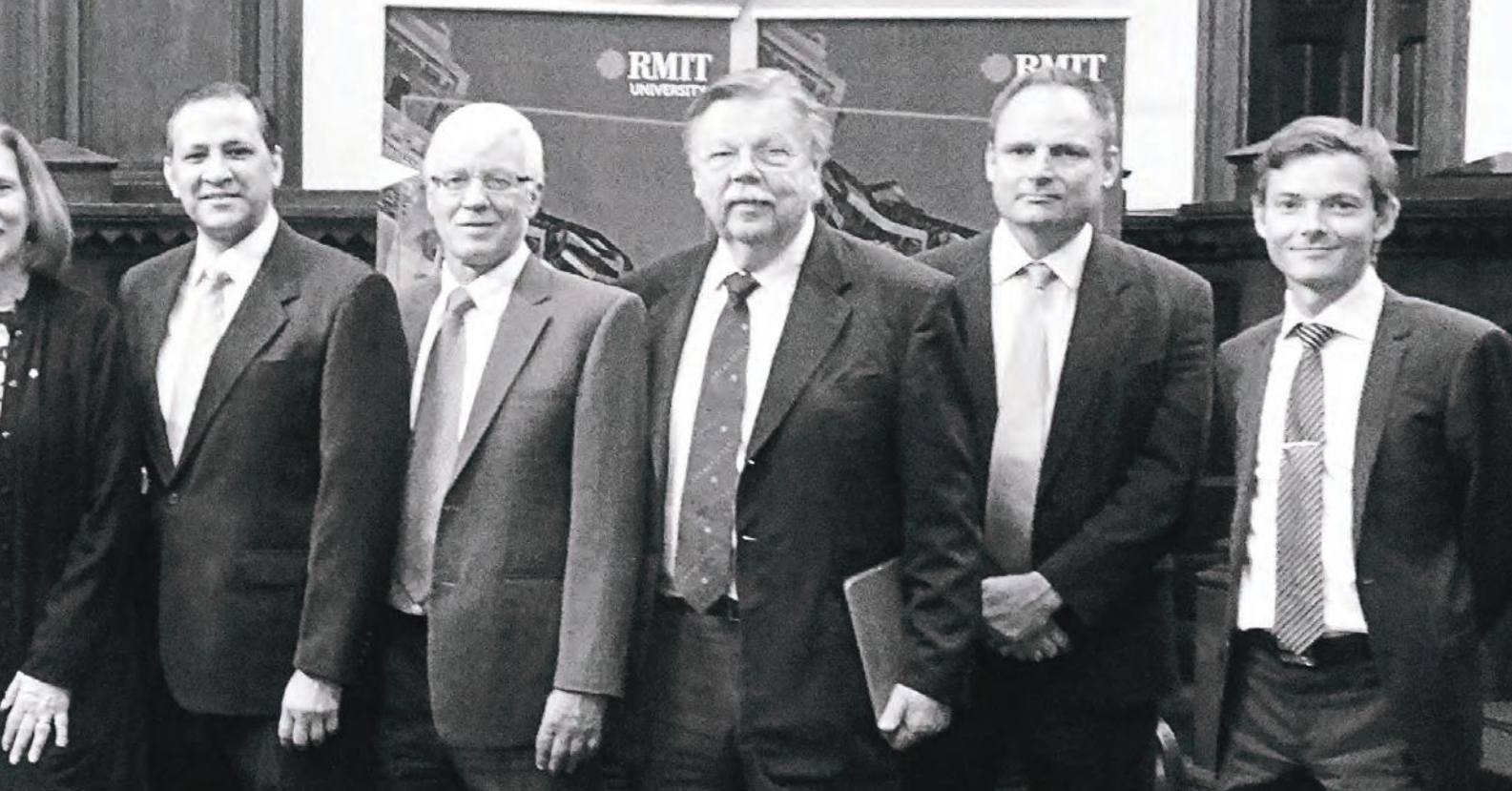
Partners and Collaborations

Ahmedabad University offers global exposure to its students and faculty through collaborations with leading international educational institutions. Our partners, some of the most innovative in their fields of specialisation, are assisting us in developing distinctive strengths within the local context to meet our challenges. Many global organisations (like ABB, National Park Service USA etc.) are offering internship opportunities to our students.

- Olin College of Engineering, USA is accelerating project-based learning at the University, particularly in the Engineering programmes.
- The Executive Education, Judge Business School, Cambridge University, UK is engaging with our Entrepreneurial MBA programme.
- The Centre for Design Research, Stanford University, USA is developing a unique coaching and design of enterprise methodology at Ahmedabad University's VentureStudio.
- The eight hundred year old University of Valladolid, Spain and the seven hundred year old University of Ferrara, Italy are working with the Centre of Heritage Management for developing programmes and research activities in the area of heritage.

Other Important Collaborations

- Judges Business School Cambridge University: AMSOM has a tie-up with Cambridge University for one month immersion programme for EMBA students and also in the development and design of the course structure.
- NEN: AMSOM has network connect with NEN which is the flagship initiative of the Wadhwani Foundation, to promote awareness about Entrepreneurship.
- AMSOM-HLIC had entered into a formal alliance last year with the Association of Chartered Certified Accountants (ACCA) which is first of its kind in Gujarat & second in India. The Institute has signed an MoU with ACCA Global which allows it to offer ACCA exemption programme to the students.
- AMSOM-HLIC has signed an MoU with KPMG India Pvt. Ltd. to provide training to the students for the course. This initiative achieved its first epitome with two of our students, Vishesh Agarwal and Venkatesh Iyer, clearing their fundamental level during the academic year 2015-16.
- MoU for minor research project grant has been signed between School of Computer Studies and Gujarat Council on Science & Technology (GUJCOST), Dept. of Science & Technology, Govt. of Gujarat for 2016-18 for minor research project titled "*Analysis, Design and Prototype Development of ICT based Model for Clean India Mission*".



- VentureStudio and CIIE initiatives developed a partnership to organise The Gujarat Accelerator 2015-16, a business accelerator programme to support early stage tech enabled start-ups from Gujarat. The accelerator programme comprises of four months of intensive mentoring and advisory support for selected start-ups.
- VentureStudio partnered with National Association of Software and Services Companies (NASSCOM) for a programme NASSCOM –Start-ups. The activity in partnership includes supporting creation of vibrant ecosystem to foster technology entrepreneurship.
- VentureStudio entered into a partnership with BITS Pilani, Goa Campus for Coalescence'16.
- The MoU has been signed between Ahmedabad University and University of Bradford, UK on February 8th, 2016. The purpose of MoU is Academic and Research Collaboration, Exchange of Student, Faculty, Research material, Publications etc.
- The MoU has been signed between Ahmedabad University and CSIR-Indian Institute of Toxicology Research.





Professor Richard Miller

In Conversation with Professor Richard Miller

Professor Richard Miller, is the President of Olin University since 1999. He is an expert in the field of applied mechanics and has keen interest in the reformation of higher education. He has served as a consultant to the World Bank for establishment of new universities. He was interviewed by students of AMSOM- HLIC, Mamta Keswani, Suhani Koshti and Heer Goklani.

The initiative trending all over the country is 'Make in India'. How can the Indian education sector cater to this?

It needs to begin at the grass root level i.e. grade schools rather than in Universities. Engaging students in their own education through project-based learning offers them with more choices and that subsequently, helps the cause. For example, if you're a teacher teaching History and you use a textbook you've taught with for a long time. There are questions at the back of the book, and you've always given them question no. 2, 7 and 19. Don't do that. Instead tell them to go to the back of the chapter and pick three questions that they are interested in, because the more students are interested in the topic, the more engaged they will be, the more they will remember and the more they will begin to think about what they can do with it. Therefore, engaging students is an important part of it and circles back to this idea of 'making things'.

Indian diaspora is quite recognised for excelling in technology and its nuances but India still lacks a substantial advancement in the tech field. What do you think are the reasons behind it?

I have many friends who are of Indian descent living and doing extremely well in the US. There is nothing about those people that says that they could not have done that in India. I think it's more of an environmental situation. You need to have resources available, governmental rules need to be non-constricting and you need to have a culture, which enables you to take risk. Let me just explain one thing that is different in the US from a legal point of view. In most situations, everything in the US is legal until it becomes illegal. Drones, for instance – there are no rules about those yet because the Congress hasn't gotten around to writing a rule. While there is no rule, you can do anything with this. You could, in principle, drive one of these things into the President's window and take pictures because there is no rule that says you can't do that. That's silly but that's an example of the freedom in America to try things. In many other countries, it's exactly the opposite. Everything is illegal until it becomes legal. It says don't even think about it because unless you get the government to pass a law that says 'you can do this', you can't do it at all. I don't know exactly how things run in India, but I know it is different from the US and I also know that resources are harder to find here. Indian diaspora is quite recognised for excelling in technology and its nuances but India still lacks a substantial advancement in the tech field.

Earthquake engineering is an interdisciplinary branch of engineering not recognised by many and yet you chose to venture in the same. What made you gravitate towards it?

At that stage of my life, I wasn't sure what kind of engineer I should be. However, I grew up in California and experienced earthquakes quite frequently. In my senior year I was actually an aero space engineering major. As a young student, I was influenced by the man walking on the moon and thought 'maybe I want to be an astronaut'. Probably everybody did in America at that time. When I graduated after the moon shot, the economy did not support sending another man to the moon. There was a very big earthquake the year that I graduated. Lots of people were hurt. When I went to graduate school, I began to explore how I could use engineering to save people's lives. I actually did my thesis on this. This was a change in the plan. I was a mechanical engineer at MIT but I decided to do my thesis on how to protect buildings from large earthquakes. By using a method in mechanical engineering, which was to unbolt the building from the ground and put it on a suspension system like a car that has springs. So essentially imagine an earthquake occurs and the building clutches and doesn't glide away. That was a very strange idea. You can practically imagine unbolting an entire building from the ground and you putting it on Teflon pads, so that it's very slick.

What are your thoughts on interdisciplinary courses and how would they contribute in making the student pool richer in terms of knowledge and skills? And also be able to eradicate the herd mentality of not being innovative when choosing the liberal arts field?

It's all related. The bottom line is "Problems in life don't come with little labels on them." They don't say that they're accounting or engineering or a sociology problems. These labels are things that we have artificially created in schools. The problem is that if we specialise too much on those we give too much credibility and emphasis to that label and not enough to the areas where the problems really are. The way to correct it is pretty simple. It's to have students be engaged with real people and real problems that have real budgets and real deadlines. If you just pay attention when you are going through this, you'll have a hard time in finding out where the accounting stops and where sociology begins because it's all engaged. I learnt this the hard way- I grew up in a very rural area that was 40 miles from the nearest hospital, etc. and I got a chance to use my set of skills when I went to a summer internship at County Public Works Department. The idea was that we were supposed to use the computer to identify the coordinates on a map, which was the ideal place to put the landfill for taking away the garbage in the city. My job was to find a place that minimised the cost so that all the taxpayers spent the least amount of money for the land, transportation, etc. It took me all summer, I got the answer on the map – it was a big X – that's the place you put it. I was amazed that the Public Works Director actually used this information to go to a public hearing to present it. I was very proud. Then I saw what really happened. There was another X in the middle of the town that said 'Transfer Station' where the trucks came to reassign the trash to big trucks. And there was a group of Mexican Americans that lived in that community, which was very poor and they were not happy about it. "Last year you put the prison because it was cheap, now you're going to put the trash in our community too. You don't care about us citizens at all. It's all about rich people." It doesn't have to do with mathematics and dollars. It has to do with people. And if we had had a team of people that has multidisciplinary fields and would ask the right questions – we would never had made that mistake. We were narrowly thinking about engineering and we found the hard way that life is more complicated. If you do that kind of a project early, you wouldn't have to worry about overlooking the very important details.

Article from PRATIBIMB 2015-16

UNIVERSITY GOVERNANCE

Board of Governors



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President
Chairman & MD,
Arvind Ltd.



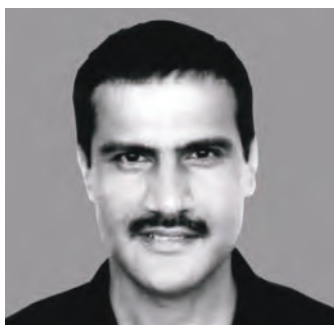
Prafull Anubhai
Academician &
Management Consultant



Pankaj Chandra
Vice Chancellor & Chairman,
Board of Management
(from October 2015)



Alok Dhawan
Professor & Director, School
of Arts & Sciences; Dean,
Planning & Development
(until June 2015)



Pankaj Joshi
Secretary, Higher &
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Government of Gujarat



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Provost
(until October 2015)



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Cadila Healthcare Ltd.



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Registrar & Member
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Saurabh Soparkar

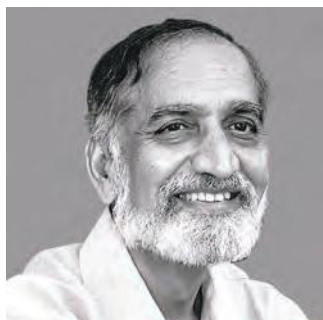
Senior Advocate,
Gujarat High Court

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Kiran Karnik

Ex-President, NASSCOM



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Devanath Tirupati

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CEO,
Centre of Heritage
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School of Arts & Sciences



Devanath Tirupati

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Professor & Director, BK
Majumdar Institute of
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Paresh Vora

Head Operations,
VentureStudio &
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Member

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Kalpana Pareek
Member

Mita Suthar
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Punit Lalbhai
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Member

Sanjay Chaudhary
Member

Savan Godiawala
Member

Shefali Nayak
Member

Shruti Mehta
Member

Paresh Vora
Co-ordinator

Arati Patel
Dy. Co-ordinator

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Member

Hina Timani
Member

Nitaben Shah
Member

Riddhi Shukla
Member

Shruti Mehta
Member

Kalpana Pareek
Member

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RAGGING
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Member

Bhakti A. Shah
Member

Darshana Padia
Member

Harsh Garg
Member

Hina Saxena
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N.M. Rajguru
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Nadeem Jafri
Member

Neeraj Lal
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R.V. Desai
Member

Sridhar Dalai
Member

Vinay S. Purnani
Member

Yash N. Vanzara
Member

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Devanath Tirupati
Member

Anurag Mehra
Member

Sanjay Chaudhary
Member

Rishi Shankar
Member

FINANCIAL STATEMENT

INDEPENDENT AUDITORS' REPORT

Report on the Financial Statements

We have audited the accompanying financial statements of AHMEDABAD UNIVERSITY ("the University") which comprise the Balance Sheet as at March 31, 2016, and the Income and Expenditure Account for the year then ended.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation of these financial statements that give a true and fair view of the financial position and financial performance of the University in accordance with the applicable accounting standards. This responsibility includes the design, implementation and maintenance of internal control relevant to the preparation and presentation of the financial statements that give a true and fair view and are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with the standards on auditing issued by the Institute of Chartered Accountants of India. Those standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the University's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Institute's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of the accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion and to the best of our information and according to the explanations given to us, the financial statements give a true and fair view in conformity with the accounting principles generally accepted in India:

- (a) In the case of the Balance Sheet, of the state of affairs of the University as at March 31, 2016; and
- (b) In the case of Income and Expenditure, of the excess of expenditure over income for the year ended on 31st March, 2016.

For Sorab S. Engineer & Co.
Firm Registration No. 110417W
Chartered Accountants
Sd/-
CA. Chokshi Shreyas B.
Partner
Membership No. 1.00892
Ahmedabad
June 25, 2016

BALANCE SHEET as on March 31, 2016

FUNDS & LIABILITIES	SCHEDULE	MARCH 31, 2016	Rs. in Lakhs
			MARCH 31, 2015
(A) Funds			
Corpus Fund	1	9,330.00	7,130.00
Earmarked / Endowment Funds	2	6,867.21	6,720.18
Depriciation Funds	3	3,218.33	1,923.97
		19,415.54	15,774.15
(B) Loans	4		
Secured			280.99
Unsecured			600.00
			880.99
(C) Project Grants	5	275.06	181.81
		19,690.60	16,836.95
ASSETS			
(A) Fixed Assets (Gross Block)	6	12,847.72	10,652.30
(B) Investments	7	3,395.00	3,915.00
(C) Current Assets, Loans & Advances			
Receivables	8	161.21	297.53
Loans & Advances	9	170.36	109.11
Cash & Bank Balances	10	151.04	107.97
		482.61	514.61
Less: Current Liabilities and Provisions	11	820.83	636.93
Net Current Assets		(338.22)	(122.32)
(D) Income and Expenditure Account	12	3,786.10	2,391.97
		19,690.60	16,836.95

As per our report of even date
For Sorab S. Engineer & Co.
Firm Registration No. 110417W
Chartered Accountants

Sd/-
CA. Chokshi Shreyas B
Partner
Membership No. 100892
Ahmedabad

Sd/-
Sanjay S. Lalbhai
President

Sd/-
B.M. Shah
Registrar and CFO

INCOME & EXPENDITURE ACCOUNT for the year ended March 31, 2016

INCOME	SCHEDULE	Rs. in Lakhs	
		MARCH 31, 2016	MARCH 31, 2015
Fees (Net)	13	2,897.30	2,346.61
Grants, Donations & Scholarships	14	167.00	174.50
Interest Income	15	340.49	27.37
Other Income	16	85.16	190.60
		3,489.95	2,739.08

EXPENDITURE

Employee Emoluments	17	2,272.10	1,891.91
Educational Expenses	18	482.35	429.74
Workshops/Events & Meeting Expenses	19	79.96	53.96
Repairs and Maintenance Expenses	20	290.80	201.59
Travelling & Conveyance	21	23.95	33.52
Finance Cost	22	22.03	1.13
Other Administrative Expenses	23	478.30	422.12
		3,649.49	3,033.97

Operating Surplus/(Deficit) before Depreciation/Amortisation & Exceptional Items	24	(159.54)	(294.89)
Less: Depreciation / Amortisation (net)		1,234.59	398.95
		(1,394.13)	(693.84)

Significant Accounting Policies 25
Notes forming part of Accounts 26

As per our report of even date
For Sorab S. Engineer & Co.
Firm Registration No. 110417W
Chartered Accountants

Sd/-
CA. Chokshi Shreyas B
Partner
Membership No. 100892
Ahmedabad

Sd/-
Sanjay S. Lalbhai
President

Sd/-
B.M. Shah
Registrar and CFO

Particulars	Schedule	March 31, 2016	Rs. in Lakhs March 31, 2015
Corpus Fund	1		
Balance as per last financial statements		7,130.00	4,880.00
Addition: Donation received during the year		2,200.00	2,250.00
		9,330.00	7,130.00
Earmarked / Endowment Funds	2		
Balance as per last financial statements		6,720.18	2,367.67
Addition: Funds & other income received during the year (Note 4 of Schedule 26)		421.15	4539.23
Deduction: Funds utilized/transferred (Note 4 of Schedule 26)		(274.12)	(186.72)
		6,867.21	6,720.18
Depriciation Fund	3		
Balance as per last financial statements		1,923.97	1,494.45
Add: Transferred from AES		-	19.92
Add: Provided during the year		1,327.10	493.14
		3,251.07	2,007.51
Less: Depriication on assets sold during the year		(32.74)	(83.54)
		3,218.33	1,923.97
LOANS	4		
Secured Loans			
Overdraft (secured against bank FD)		-	280.99
Unsecured Loans			
From Ahmedabad Education Society		-	600.00
			880.99
Project Grant	5		
Project Grant - Faculty		121.09	-
CCRT Grant		8.71	-
GICT- Nanotechnology (CENTRA)		145.26	168.62
EU- Nano Valid		-	13.19
		275.06	181.81
Fixed Assets	6		
Balance as per last financial statements		4,393.51	3,781.85
Add: Transferred from AES		-	51.50
Add: Addition during the year out of Owned Funds (Note 5 of Schedule 26)		8,107.87	615.02
Add: Addition during the year out of Project Grant		76.26	36.95
		12,577.64	4,485.32
Less: Assets sold during the year		(53.16)	(91.81)
		12,524.48	4,393.51
Add: Capital Work in Progress		34.88	6,160.61
Add: Capital Advances		288.36	98.18
		12,847.72	10,652.30

Particulars	Schedule	March 31, 2016	March 31, 2015
Long Term Investments	7		
Term deposit with Gruh Finance Limited		1,875.00	1,500.00
Term deposit with banks		1,520.00	2,415.00
		3,395.00	3,915.00
Receivables	8		
Interest Accrued on Investments		116.58	193.38
Income Receivable		0.40	3.56
Fees Receivable		44.23	100.59
		161.21	297.53
Loans & Advances	9		
Advances Recoverable in cash or kind for value to be received		46.40	22.06
Deposits		46.00	42.04
TDS Receivable		14.61	6.96
Interest Free loans to students		23.37	15.80
Prepaid Expenses		39.98	22.25
		170.36	109.11
Cash & Bank Balances	10		
Cash on Hand		1.32	1.15
Bank Balance in Savings / OD Account		149.72	106.82
		151.04	107.97
CURRENT LIABILITIES & PROVISIONS	11		
Current Liabilities			
Ahmedabad Education Society		-	142.57
Sundry Creditors		58.24	36.42
Statutory Dues		57.14	39.39
Deposits from students		130.02	90.34
Earnest Money Deposits		6.50	6.50
Retention Money		185.23	4.41
Other Liabilities		37.04	19.70
Outstanding Liability for Expenses		29.13	13.04
Provisions			
Leave Encashment		161.92	137.58
Gratuity		155.61	146.98
		820.83	636.93
Income & Expenditure Account	12		
Balance as per last financial statements		2,391.97	1,698.13
Add: Deficit for the year		1,394.13	693.84
		3,786.10	2,391.97

Particulars	Schedule	March 31, 2016	March 31, 2015
Fees (Net)	13		
Tuition Fees		3,194.66	2,614.62
Less: Transferred to University Development Reserve		(297.36)	(268.01)
		2,897.30	2,346.61
Grants, Donations & Scholarship	14		
Donation		167.00	174.50
		167.00	174.50
Interest Income	15		
On Fixed Deposit (Net of allocation of Rs 9.98 lakhs; Previous year Rs 317.49 lakhs)		321.56	12.26
On Savings Bank A/C		10.49	7.61
Incentive on Investments		8.44	7.50
		340.49	27.37
Other Income	16		
Consultancy Income		9.46	65.27
Overhead Recovery		-	48.76
College Exam & Retest Fee		21.94	24.59
Form Fee		15.39	14.32
Profit on sale of Fixed Assets (Net)		-	4.43
Service Charges		3.59	2.36
Admission Cancellation Charges		12.01	20.81
Miscellaneous Income		22.77	10.06
		85.16	190.60
Employee Emoluments	17		
Salary, Allowances, Bonus and Gratuity		1,923.86	1,597.66
Contribution to Provident Fund and other Funds		158.64	108.04
Staff Welfare		19.50	26.50
Honourarium		170.10	159.71
		2,272.10	1,891.91
Educational Expenses	18		
Donation for Financial Support		194.24	186.19
Collaboration Expenses (Net)		125.94	129.94
Students Educational Activities		59.39	70.29
Financial Aid to Students		32.58	17.76
Faculty Development		38.09	10.71
Fellowship to Students		0.83	1.04
Accommodation Charges (Net)		-	1.70
Venture Expenses		7.83	3.42
Sports & Games		6.04	6.45
Consumables		8.27	1.54
Other Educational Expenses		9.14	0.70
		482.35	429.74

Particulars	Schedule	March 31, 2016	Rs. in Lakhs March 31, 2015
Workshops / Events & Meeting Expenses	19		
Workshops, Events & Seminars (Net)		61.44	39.56
Meeting & Conferences		18.52	14.40
		79.96	53.96
Repairs & Maintenance Expenses	20		
Building Repairs & Maintenance		188.22	94.20
Campus Development		15.09	18.22
Repairs to Furniture/ Equipment/Computer & Others		60.94	60.38
Software Maintenance Charges		26.55	28.79
		290.80	201.59
Travelling & Conveyance	21		
Domestic		15.83	9.85
Foreign		8.12	23.67
		23.95	33.52
Finance Cost	22		
Bank Charges		0.07	0.14
Interest on Bank Overdraft		21.96	0.99
		22.03	1.13
Other Administrative Expenses	23		
Utilities		170.67	120.21
Communication		55.23	40.50
Public Relation Activity		128.58	154.22
Insurance		28.51	8.38
Recruitment		7.58	15.58
Stationery & Printing		26.23	18.80
Legal & Professional Fees		26.65	41.55
Audit Fees		2.29	2.25
Sundry Balances written off (Net)		12.92	0.70
Other Misc. Expenses		17.63	19.93
Loss on sale of Fixed Assets (Net)		2.01	-
		478.30	422.12
Depreciation & Amortisation	24		
Depreciation for the year		1,327.10	493.14
Less: Transferred from Earmarked Funds		(92.51)	(94.19)
		1,234.59	398.95

SCHEDULE 25: SIGNIFICANT ACCOUNTING POLICIES

1. ACCOUNTING CONVENTION

The financial statements are prepared on the basis of historical cost convention and on the accrual method of accounting.

2. FIXED ASSETS

- 2.1 Fixed Assets are stated at cost of acquisition inclusive of freight, duties and taxes and incidental and direct expenses related to acquisition.
- 2.2 Fixed Assets received by Way of Donation are capitalized at values stated, by corresponding credit to Capital/Corpus Fund.
- 2.3 Capital Work in progress includes cost of fixed assets that are not ready for intended use as at Balance Sheet date and is disclosed under Fixed Assets.

3. DEPRECIATION

- 3.1 Depreciation of addition to Fixed Assets has been provided on pro rata basis i.e. from the date of put to use.
- 3.2 The depreciation has been provided on Written down Value Method at the rate as specified in the Guidance Note on Accounting for Schools" issued by the Institute of Chartered Accountants of India except (a) depreciation on Building Improvements, which has been provided at Straight Line Method over a period of 10 years; (b) ERP Software is being amortized over the period of 5 years; (c) Other Software and Assets given to employees which are being amortized over the period of 3 years; (d) Depreciation on Scientific Equipment is provided at 20%.
- 3.3 Assets Costing individually Rs. 5,000/- or less, wherever applicable, are depreciated at the rate of 100%.
- 3.4 Depreciation in Income & Expenditure Account is net of the amount of depreciation transferred from related earmarked funds.

4. REVENUE RECOGNITION

- 4.1 Fees from Students are recognised on accrual basis and accounted for on the basis of the period of academic year.
- 4.2 Interest on Investments is recognised on accrual basis.

5. FOREIGN CURRENCY TRANSACTIONS

- 5.1 Transactions denominated in foreign currency are accounted at the exchange rate prevailing at the date of transaction.
Foreign currency monetary items outstanding at the balance sheet date are restated at the year end rates.
- 5.2 Income or Expense, if any, on account of exchange difference either on settlement or on translation is charged to revenue.

6. INVESTMENTS

Long Term Investments are carried at Cost.

7. EMPLOYEE BENEFITS

- 7.1 Defined Contribution Plan
Retirement Benefit such as Provident Fund, which is defined Contribution, is provided for on actual basis as and when the contribution accrues.
- 7.2 Defined Benefits Plan
Gratuity, a defined benefit obligation, is funded through LIC of India. The liability is accrued and provided for on the basis of actuarial valuation report, as at the Balance Sheet date. Accumulated Leave encashment benefit payable on death/retirement is accounted on accrual basis as per the Actuarial Valuation report.

8. GOVERNMENT GRANT

Government grant related to revenue is recognised in the Income and Expenditure Account in the year of accrual/receipt.

9. CONTINGENT LIABILITIES

Provision is made for all known liabilities. Contingent liabilities, if any are disclosed in the accounts by way of a note.

Schedule 26- Notes forming part of Accounts

Particulars	For the year ended	
	March 31, 2016	March 31, 2015
1. Tax Deducted at Source from		
Interest Income	8.10	0.75
Other Income	0.49	0.86
	8.59	1.61
2. Capital Commitment		
Capital contracts remaining to be executed and not provided for (Net of Advance)	645.92	700.78
3. Expenditure in Foreign Currency		
Entrepreneurship Programme	148.16	151.38
Donation for financial support	194.11	186.19
Foreign Travel & Workshop Expenses	11.33	3.82
Faculty Development Expenses	15.28	3.02
	368.88	344.41
4. Details of Movement in Earmarked Funds		
Addition during the year:		
Fund created out of Fees	294.78	268.01
Interest	9.98	9.87
Other Income	4.96	4.57
Donation for Capital Expenditure	-	4,209.76
Donation for Recurring Expenditure	35.16	10.07
Fund created for Assets purchased during the year	76.27	36.95
	421.15	4,539.23
Deduction made during the year:		
Recurring expenditure incurred	35.09	30.86
Transferred to Income & Expenditure A/c to the extent of Depreciation	92.51	94.19
Transferred to Building Account	35.00	-
Scholarships & Freeship paid	111.09	61.67
Grant Refunded	0.43	-
	274.12	186.72

AHMEDABAD UNIVERSITY

Schedule 26 - Notes forming part of Accounts

5 Fixed Assets

Addition to fixed asset includes borrowing cost capitalised Rs. Nil. Previous year Rs. 20.82 Lakhs.

6 Current Assets, Loans & Advances

In the opinion of the Management, current assets, loans and advances have a value on realization in the ordinary course of business, equal at least to the aggregate amount shown in the Balance Sheet.

7 Taxation

The University has been accorded approval for exemption u/s. 10(23C) (vi) of the Income Tax Act, 1961. The University is also registered under section 12AA of the Income Tax Act, 1961. In the absence of any taxable income, the tax provision has not been considered necessary.

8 Corresponding figures for the previous year have been regrouped / rearranged, wherever necessary to make them comparable with those of Current year.

As per our report of even date
For Sorab S. Engineer & Co.
Firm Registration No. 110417W
Chartered Accountants

Sd/-
CA. Chokshi Shreyas B
Partner
Membership No. 100892
Ahmedabad

Sd/-
Sanjay S. Lalbhai
President

Sd/-
B.M. Shah
Registrar and CFO

June 25, 2016

LIST OF FACULTY

UNIVERSITY OFFICE

- Pankaj Chandra, Vice Chancellor
& Chairman Board of Management

AMSOM

Core Faculty

- Abhishek Shah, Assistant Professor Teaching Track
- Amrita Bihani, Senior Lecturer
- Anay Mashruwala, Adjunct Faculty
- Anjali Choksi, Senior Lecturer
- Ankur Gangal, Senior Lecturer
- Aravind Panicker, Adjunct Faculty
- Bhaktida Trivedi, Assistant Professor Teaching Track
- Bhavesh Patel, Professor and Dean, AMSOM (until September 2015)
- Bijal Mehta, Assistant Professor
- Binny Rawat, Assistant Lecturer
- Chirag Trivedi, Assistant Professor Teaching Track
- Darshana Padia, Assistant Professor Teaching Track
- Devanath Tirupati, Professor and Dean, AMSOM
- Dinesh Barot, Assistant Professor Teaching Track
- Ekta Sharma, Assistant Professor
- Havovi Trivedi, Professor and Director, BKMIBA
- Hetal Jhaveri, Assistant Professor Teaching Track
- Himani Baxi, Assistant Professor
- Jatin Christie, Senior Lecturer
- Jinal Parikh, Assistant Professor Teaching Track
- Karishma Dalal, Lecturer
- Krutesh Patel, Adjunct Lecturer
- Kunal Mankodi, Senior Lecturer
- Mita Suthar, Assistant Professor Teaching Track
- Mruga Pandya, Adjunct Lecturer
- Neha Desai, Senior Lecturer
- Neha Gadhvi, Lecturer
- Neha Saxena, Senior Lecturer
- Nimit Thaker, Lecturer
- Parag Patel, Associate Professor and Director, HLIC
- Paragi Shah, Assistant Professor Teaching Track
- Pavak Vyas, Assistant Professor Teaching Track
- Pervin Gandhi, Senior Lecturer
- Poonam Dugar, Senior Lecturer
- Pratishtha Pandya, Lecturer
- Preeti Maneck, Senior Lecturer
- Ruchi Tewari, Assistant Professor
- Rushi Pandya, Adhoc Faculty

- Saptam Patel, Assistant Professor Teaching Track
- Saumil Shah, Senior Lecturer
- Sharmila Sagara, Associate Professor
- Sharvari Dalal, Adhoc Full Time Faculty
- Shilpa Bhatt, Assistant Professor Teaching Track
- Shriram Kadiya, Adhoc Faculty
- Siddharth Saxena, Adhoc Full Time Faculty
- Sonal Yadav, Assistant Professor Teaching Track
- Sudhir Pandey, Lecturer
- Sujo Thomas, Lecturer
- Tana Trivedi, Adhoc Full Time Faculty
- Taral Pathak, Assistant Professor
- Vaibhav Kadia, Assistant Professor Teaching Track
- Vibha Tripathi, Senior Lecturer
- Vivek Bhatt, Adhoc Faculty
- Zalak Shah, Senior Lecturer

Visiting Faculty

- AB Raju, CEO, Biz Trans
- Abhishek Sheth, Senior Business Analyst, Open Cell Techno Labs
- Amee Bhagde, Assistant Manager, Adani Power Ltd
- Amit Saraswat, Data Scientist, Davizta, Pune
- Amrita Baradia, Consultant
- Ankit Purohit, CEO, WVELLC
- Ashank Patel, Assistant Professor, PDPU
- Ashish Shah, Consultant
- Ashok Mankodi, Faculty, NIIT-IFBI
- Deepak Krishnan, Visiting Faculty
- Devesh Baid, Senior Faculty, National Institute of Agricultural Marketing
- Dhanya Joseph, Faculty, Gujarat University/Nirma University
- Dipika Kshatriya, Faculty, Alliance Francaise
- Divyang Shah, Consultant
- Fagun Shah, Visiting Faculty
- Heli Shah, Proprietor, Heli Gandhi & Co
- Himani Sheth, Assistant Professor, L.J Institute of Management Studies
- Jannet John, Goldman Sachs, Bengaluru
- Jimmy Sethan, Visiting Faculty
- Keshav Bhatia, Visiting Faculty

- Kinjal Shah, Proprietor, Parker & Parker Co
- L.K. Pathak, VP, Sterlite Technology
- Lipi Macwan, TCS
- Manan Doshi, Doshi Shah & Associates
- Mansi Parikh, Manager HR, Openexcell Technolab
- Mayank Patel, Faculty, EDI
- Mehul Shah, Corporate Trainer, Excel Guru
- Monaz Parekh, Visiting Faculty
- Mruga Thakkar, Faculty, Alliance Francaise
- Nandan Gandhi, TCS
- Nandini Sinha, Visiting Faculty
- Narinder Khaira, Consultant
- Nida Hasan, Visiting Faculty
- NM Ashok, Visiting Faculty
- Nupur Shah, Proprietor, Nupur Enterprise
- Parag Soni, Parag Soni & Co
- Parna Mukherjee, Adjunct Faculty, PDPU
- Pathiv Shah, Director, Pratracom Stock Broker Pvt Ltd
- Pinky Desai, Associate Professor, St. Xavier's College
- Pooja Brahmakatriya, Visiting Faculty
- Prinka Harivallabhdas, Director, AJA Metals & Tubes
- Priti Shah, Visiting Faculty
- Purabi Bhattacharya, Faculty, City Pulse Film Institute, Gandhinagar
- Rasananda Panda, Professor, MICA
- Rebecca Sudan, Visiting Faculty
- Reena Shah, Assistant Professor, Nirma University
- S V Sherrychand, Visiting Faculty
- Sarthak Bhansali, Proprietor, Bhansali & Co
- Sharija Menon, Visiting Faculty
- Shruti Shah, Founder, Beyond First Impression
- Shweta Nagar, Visiting Faculty
- Siddharth Saxena, Visiting Faculty
- Snehal Desai, DGM, Adani
- Swarna Bhushan, Visiting Faculty
- Tara Sinha, Visiting Faculty
- Uday Bhatt, Visiting Faculty
- Vidhi Sodhan, Assistant Professor, GLS Law College
- Vinod Jetley, Visiting Faculty

SCS

Core Faculty

- Aditya Patel, Assistant Professor
- Aniruddh Parmar, Senior Lecturer
- Bipin Mehta, Associate Professor and Director
- Darshana Dalvadi, Lecturer
- Heena Timani, Assistant Professor Teaching Track
- Hemal Desai, Assistant Professor Teaching Track
- Hiral Vegda, Lecturer
- Jaideepsinh Raulji, Lecturer
- Kunjal Gajjar, Senior Lecturer
- Kuntal Patel, Assistant Professor
- Pratik Thanawala, Senior Lecturer
- Sandeep Vasant, Assistant Professor
- Shefali Naik, Assistant Professor Teaching Track
- Siddhi Shah, Senior Lecturer
- Trushali Jambudi, Senior Lecturer

Visiting Faculty

- Dhruv Prajapati, IT Consultant
- Neha Rami, Consultant
- Nishit Shah, Corporate Trainer
- Priyanka Arora, Corporate Trainer
- Rishika Jain, IT Consultant
- Ruchish Shah, IT Consultant
- Vinod Jetley, Corporate Trainer

SEAS

Core Faculty

- Aditi Singhal, Assistant Professor
- Ajay Karakoti, Associate Professor
- Anil Sahai, Professor and Dean (until February 2016)
- Anurag Lakhani, Sr. Lecturer
- Anurag Mehra, Professor, Interim Dean, Dean Planning
- Ashok Ranade, Professor
- Chetan Parikh, Professor and Head of Academic Programme (until June 2015)
- Deepak Kunzru, Distinguished Professor
- Deepak Verma, Assistant Professor
- Dharamashi Rabari, Assistant Professor
- Dharmesh Varade, Associate Professor
- Dhaval Patel, Assistant Professor
- Gaurav Goswami, Assistant Professor
- Harshal Oza, Assistant Professor
- Mazad Zaveri, Assistant Professor
- Mehul Raval, Associate Professor
- Mitaxi Mehta, Assistant Professor
- N.Padmanabhan, Professor
- Pratik Munshi, Assistant Professor
- Pratik Trivedi, Senior Lecturer
- Ratnik Gandhi, Assistant Professor
- Sanjay Chaudhary, Professor
- Snigdha Khuntia, Assistant Professor
- Sridhar Dalai, Assistant Professor
- Vaibhav Shah, Assistant Professor

Visiting Faculty

- Amit Ganatra, Professor & Dean, Charusat
- Jaai Kakani, Freelancer
- Jaydeep Patel, Lecturer, PDPU
- Kelly Dhru, Freelancer
- Madhavi Joshi, Programme Director, Center for Environment Education
- Minesh Thaker, Associate Professor, Indus University
- N Ramakrishnan, Professor, IIT Gandhinagar
- Naveen Kumar, DAIICT
- Rashmi Korjan, Freelancer
- Rita Sharma, Freelancer
- Sudhanya Mukherjee, Freelancer
- Sujoy Pal, LJ College Of Computer Applications

SAS

Core Faculty

- Alok Dhawan, Professor and Director (until June 2015)
- Ashutosh Kumar, Assistant Professor
- Manish Datt, Assistant Professor
- Rishi Shanker, Professor and Acting Director
- Ritesh Shukla, Assistant Professor Teaching Track
- Ritobrata Goswami, Assistant Professor
- Sanjay Singh, Assistant Professor
- Souvik Sengupta, Assistant Professor
- Varun Khanna, Assistant Professor

Visiting Faculty

- Avani Rao, Research Student, Gujarat University
- B K Jain, Principal, MG Science Institute
- B M Patel, Assistant Professor, MG Science Institute
- Dharmesh Jaiswal, Research Student, Gujarat University
- Kinjal Desai, Assistant Professor, St. Xavier's College,
- Kirit Vania, Assistant Professor, MG Science Institute
- Kuldeep Patel, Assistant Professor, MG Science Institute
- Manasi Thapar, Advocate, Condour Legal
- Nirja Parmar, Visiting Faculty
- Poonam Wadhwani, Research Scholar
- Pratibha Tripathi, Visiting Faculty
- Rajendra Rane, Visiting Faculty
- Ruby Patel, Research Scholar
- Sangita Shroff, Consultant
- Shahil Shah, Research Scholar
- Tanvi Shah, Visiting Faculty

CHM

Core Faculty

- C K Koshy, CEO (until March 2016)
- Neel Kamal Chapagain, Assistant Professor
- Shahul Ameen, Senior Lecturer

Visiting Faculty

- Jaydev Nansey, Engineer, Planner & Solicitor
- Manu Bhatnagar, Principal Advisor, Natural Heritage Division at INTACH
- Manvita Baradia, Faculty, CEPT
- Rohit Jigyasu, UNESCO Chair Professor, Institute of Disaster Mitigation for Urban Cultural Heritage, Japan
- Saswat Bandhopadhyay, Faculty, CEPT
- Sharadbala Joshi, Architect & Planner
- Shikha Jain, Director, Prevention & Community Design Wing of DRONAH
- Sushma Iyengar, Social Activist
- Tanishka Kachru, Faculty, NID
- Vanicka Arora, Assistant Professor, Sushant School of Art & Architecture
- V H Sonawane, Faculty, CEPT

VentureStudio

Visiting Faculty

- Anay Mashruwala, Partner, Venus Engineering Works
- Sangita Shroff, Consultant

APPENDIX B

AMSOM Activities

Sports

- Jaysheel Pandey (S.Y.) was the winner at the Inter College Tennis (Singles) Competition and a team of Vinaysheel Pandey (T.Y.) along with Yash Pillai (T.Y.) were the winners in the Inter College Tennis (Doubles) Competition.
- Jay Dhadhal (T.Y.) was the Winner at the Inter College Table Tennis (Singles-Boys) Competition, while a team comprising of Jay Dhadhal (T.Y.) and Aagam Sanghvi (S.Y.) were the Winners in the Inter College Table Tennis (Doubles-Boys) Competition.
- Dhwani Desai (S.Y.) was the Winner at the Inter College Table Tennis (Singles-Girls) Competition, while a team comprising of Dhwani Desai (S.Y.) and Ritika Mishra (F.Y.) won the Inter College Table Tennis (Doubles-Girls) Competition.
- Viraj Shah (F.Y.) won the Champion in the Inter College Chess Tournament.
- The AMSOM-HLIC Basketball Team was the Winner at the Inter-College Basketball Tournament. The team comprised of:
 - Aarsh Bodiwala S.Y.
 - Aayush Ganatra S.Y.
 - Ananya Dalal F.Y.
 - Harsh Jhawar T.Y.
 - Kritan Shah S.Y.
 - Rishabh Mishra (Captain) T.Y.
 - Ashutosh S.Y.
 - Avin Jain F.Y.
 - Jayesh Vaswani S.Y.
 - Nihal Jani S.Y.
 - Hrishikesh T.Y.
 - Harsh Patel T.Y.
 - Jeneel Shah S.Y.
- The AMSOM- HLIC Girls' Team was the Runners-up at the Inter-College Basketball Tournament. The team comprised of:
 - Drishti Bhuwania F.Y.
 - Foram Mehta S.Y.
 - Krishna Zaveri S.Y.
 - Nishi Shah S.Y.
 - Kavya Shah S.Y.
 - Prachi Patel (Captain) S.Y.
 - Sonanshi Patel F.Y.
 - Shikha Virdi S.Y.
 - Rhythm Venkaria F.Y.
 - Disha Asnani S.Y.
- The AMSOM- HLIC Boys' Volleyball Team was the Runers-up at the Inter-College volleyball Tournament. The team comprised of:
 - Harsh Jhawar (Captain) T.Y.
 - Ajay Shah T.Y.
 - Yash Patel T.Y.
 - Tushar Baikare T.Y.
 - Ronak Kabra S.Y.
 - Harsh Gajjar S.Y.
 - Himalay Dwivedi S.Y.
 - Dheer Kansara S.Y.
 - Utsav Thaker S.Y.
 - Vyom Choudharie S.Y.
- The AMSOM-HLIC Girls' Team was the Runners-up at the Inter-College Volleyball Tournament. The team comprised of:
 - Sunanda Sarda (Captain) T.Y.
 - Nandani Mishra T.Y.
 - Nishu Gupta T.Y.
 - Anjali Valani S.Y.
 - Prachi Patel S.Y.
 - Honey Bagmar F.Y.
 - Vedanshi Shah F.Y.
 - Sakshi Shah F.Y.
- The AMSOM-HLIC Boys' Handball Team won the Inter-College Handball Tournament. The team comprised of:
 - Harsh Jhawar T.Y.
 - Jayesh Vaswani (Captain) S.Y.
 - Dhanesh Agarwal S.Y.
 - Dipan Mewada S.Y.
 - Ronak Kabra S.Y.
 - Jeneel Shah S.Y.
 - Siddhant Lohiya T.Y.
 - Vishakh Shah T.Y.
 - Chirag Laddha F.Y.
 - Vyom Choudharie S.Y.
 - Abhishek Dhupya F.Y.
- The AMSOM-HLIC Girls' Handball Team won the Inter-College Handball Tournament. The team comprised of:
 - Drishti Bhuwania F.Y.
 - Krishna Zaveri S.Y.
 - Nishi Shah S.Y.
 - Nishu Gupta T.Y.
 - Sonanshi Patel F.Y.
 - Sunanda Sarda (Captain) T.Y.
 - Reshma Thomas T.Y.

- Boys of S.Y. 1 won the Inter-class Basketball Tournament.

The team comprised of:

- Aarsh Bodiwala
- Aayush Ganatra
- Aayush Mangal
- Aditya Bazaz
- Akshay Patel
- Antriksh Agarwal
- Archit Agarwal
- Ashutosh Panidhi
- Ashutosh Thakkar
- Sarthak Patel

- Boys of F.Y. 4 won the Inter-class Cricket Tournament.

The team comprised of:

- Mohit Agarwal
- Mohit Sultania
- Mudit Mohil
- Naman Kothari
- Nikunj Agarwal
- Nirav Chopra
- Nishit Patel
- Parshwa Mehta
- Parth Jadav
- Parth Kukkar
- Parthraj Chudasma
- Prashant Shadaipur
- Pratik Jain
- Prince Shah
- Priyansh Mehta

- Boys of T.Y. 4 won the Inter-class Handball Tournament.

The team comprised of:

- Mark Grundy
- Shashank Roongta
- Siddhant Lohiya
- Tushar Baikare
- Vishakh Shah
- Vishal Patel
- Yash Patel
- Yash Pillai

Boys of S.Y. 5 won the Inter-class Kabaddi Tournament.

The team comprised of:

- Harsh Kabra
- Lakshya Sawaria

- Shubham Sen
- Sunny Desai
- Tapan Thakkar
- Utsav Thakkar
- Varun Shah
- Vatsal Morabiya
- Vihar Patel
- Vyom Chaudhary

- Boys of T.Y. 4 won the Inter-class Kho Kho Tournament.

The team comprised of:

- Sagar
- Shashank Roongta
- Shikhar Jain
- Siddhant Lohiya
- Sourobh Gorawat
- Tanuj Talwar
- Tushar Baikare
- Vinaysheel Pandey
- Vishakh Shah
- Yash Pillai

- Boys of T.Y. 2 won the Inter-class Volleyball Tournament.

The team comprised of:

- Gaurav Agarwal
- Gaurav Bagrecha
- Harsh Jhawar
- Harshil Lohia
- Jainam Shah
- Jaydev Sachdev
- Karan Ranch
- Manan Shah

- Girls of S.Y. won the Inter-year Basketball Tournament.

The team comprised of:

- Foram Mehta
- Krishna Zaveri
- Nishi Shah
- Prachi Patel
- Shikha Viridi

- Girls of S.Y. won the Inter-year Handball Tournament.
The team comprised of:

- Foram Mehta
- Jaini Shah
- Komal Gulabani
- Krishna Zaveri
- Monika Ramnani
- Nishi Shah
- Prachi Patel
- Princy Shah
- Tanvi Jain
- Tanya Kewalramani
- Vaidehi Chauhan

- Girls of F.Y. won the Inter-year Kabaddi Tournament.
The team comprised of:

- Diya Gosalia
- Harshita Inda
- Honey Bagram
- Jaslin Kaur Dang
- Jenice Jain
- Jenny Griglani
- Pankti Khandol

- Girls of F.Y. won the Inter-year Kho Kho Tournament.
The team comprised of:

- Diya Gosalia
- Drishti Bhuwania
- Ekta Adlakha
- Himani Gohil
- Jaini Griglani
- Rashi Gupta
- Rhythm Vekariya
- Riya Rao
- Rushda Mansuri
- Saloni Shah
- Salvi Kankaliya
- Sonanshi Patel

- Girls of S.Y. won the Inter-year Volleyball Tournament.
The team comprised of:

- Foram Mehta
- Jinal Jani
- Komal Gulabani
- Krishna Zaveri
- Manini Mehta
- Margi Thakkar
- Minakshi Sharda
- Monika Ramnani
- Nishi Shah
- Prachi Patel
- Tanya Kewalramani

Cultural Events

- The team comprising of Krushi Chandan (F.Y.), Sakshi Mehta (F.Y.) and Aanchal Mehta (F.Y.) secured the Second Position in the Group Dance event at Protsahan 2015-16, the Annual Cultural, Sports and Technical Festival of SVKM's Narsee Monjee Institute of Management Studies (Shirpur Campus).
- AMSOM-HLIC secured the Second Position in both, Western and Bollywood categories of the Group Dance event at Josh 2015-16, organised by the National Event Management Academy.
- The team for Western Dance comprised of Darshil Shah (F.Y.), Dhruvin Sanghvi (F.Y.), Geet Shah (F.Y.), Hardi Patel (F.Y.), Hariom Katira (F.Y.), Honey Khandelwal (F.Y.), Jainish Shah (F.Y.), Jenil Mehta (F.Y.), Niki Thakkar (F.Y.), Paneri Shah (F.Y.), Priyanshi Mistry (F.Y.), Rhythm Vekariya (F.Y.), Ruchika Salecha (F.Y.), Shivshankar Dagga (F.Y.), Shriraj Bhalani (F.Y.), Riya Parikh (S.Y.), Trushal Jethwa (S.Y.), Jasmine Arora (T.Y.)
- The team for Bollywood Dance comprised of Darshil Shah (F.Y.), Dhruvin Sanghvi (F.Y.), Geet Shah (F.Y.), Hardi Patel (F.Y.), Hariom Katira (F.Y.), Honey Khandelwal (F.Y.), Jenil Mehta (F.Y.), Paneri Shah (F.Y.), Priyanshi Mistry (F.Y.), Rhythm Vekariya (F.Y.), Ruchika Salecha (F.Y.), Shivshankar Dagga (F.Y.), Shriraj Bhalani (F.Y.), Riya Parikh (S.Y.), Trushal Jethwa (S.Y.), Jasmine Arora (T.Y.)
- AMSOM-HLIC also secured the Third Position in the Fashion Show at Josh 2015-16. The team comprised of Dhruvin Sanghvi (F.Y.), Hariom Katira (F.Y.), Sanjay Panjwani (F.Y.), Sarang Bhanusali (F.Y.), Shriraj Bhalani (F.Y.), Swati Gulati (F.Y.), Riya Parikh (S.Y.), Simran Balar (S.Y.), Trushal Jethwa (S.Y.), Vidhi Chajed (S.Y.), Jasmine Arora (T.Y.), Nidhi Chopra (T.Y.), Paritosh Modha (T.Y.), Parth Sanghvi (T.Y.), Richa Jhawar (T.Y.), Vaacha Sojitra (T.Y.), Vidhi Patel (T.Y.), Vishal Jain (T.Y.)

6. A team consisting of Honey Chauhan (F.Y.), Chirag Laddha (F.Y.), Parth Gupta (F.Y.), Dhruvi Bhagat (S.Y.), Savan Dodhia (T.Y.) and Shubham Gupta (T.Y.) were the winners of skit competition in Spandan 16 held on 16 February 2016 at Amrut Mody School of Management.
7. A team of consisting of Honey Khandelwal (F.Y.), Avin Jain (F.Y.), Deep Upadhyay (F.Y.), Harshita Inda (F.Y.), Harshita Gupta (F.Y.), Hetul Panchal (F.Y.), Jyot Patel (F.Y.), Rashi Gupta (F.Y.), Riddhi Mehta (F.Y.), Samvil Sanghvi (F.Y.), Aditi Anadkat (S.Y.), Bushra Kagdi (S.Y.), Shivani Bhagat (T.Y.), Parth Sanghvi (T.Y.), Rachit Parekh (T.Y.), Savan Dodhia (T.Y.) and Shubham Agarwal (T.Y.) won the Vina Veli Drama Competition for the play Happy Journey held on 16 February 2016.
 - Shivani Bhagat (T.Y.) won the Best Actress title for this play.
 - Savan dodhia (T.Y.) won the second Best Actor title for this play.
8. A team of Honey Khandelwal (F.Y.), Avin Jain (F.Y.), Deep Upadhyay (F.Y.), Harshita Inda (F.Y.), Harshita Gupta (F.Y.), Hetul Panchal (F.Y.), Jyot Patel (F.Y.), Rashi Gupta (F.Y.), Riddhi Mehta (F.Y.), Samvil Sanghvi (F.Y.), Aditi Anadkat (S.Y.), Bushra Kagdi (S.Y.), Shivani Bhagat (T.Y.), Parth Sanghvi (T.Y.), Rachit Parekh (T.Y.), Savan Dodhia (T.Y.) and Shubham Agarwal (T.Y.) won the Indian National Theatre Competition for the play Happy Journey held on 8 February 2016.
 - Shivani Bhagat (T.Y.) won the Best Actress title in INT for this play.

Other Important Events

- Deep Upadhyay (F. Y.) and Chirag Laddha (F. Y.) were the members of the team that stood second in the Mock Stock and Quiz event in Finance Conclave organised by the Library Committee & Les Quizerables on 5th October, 2015.
- Mamta Keswani (T.Y.) was the winner in Poetry Recitation Competition organised by J.G. College of Commerce held on 3rd September 2015.
- Harsh Shah (T. Y.) and Gaurav Bagrecha (T. Y.) were the members of the team that stood first in the Quiz in Concourse organised by AMSOM-BKMIBA on 10th September, 2015.
- Rutul Shah (T. Y.), Mamta Keswani (T. Y.), Sagar Bhatt (S. Y.), Pritesh Sadnani (S. Y.), Harsh Shah (T. Y.), Gaurav Bagrecha (T. Y.), Mansi Oza (S. Y.), Parita Shah (S. Y.) and Nimit Rathod (F. Y.) were the members of the team that stood first in the Case Analysis event in Concourse organised by AMSOM-BKMIBA on 11th September, 2015.
- Manish Chhatlani (T. Y.) won the first prize in the Group Discussion event in Concourse organised by AMSOM-BKMIBA on 11th September, 2015.
- Sanket Kakkad (T. Y.), Shubham Agarwal (T. Y.) and Sushant Sinha (T. Y.) and Suhani Koshti (T.Y) were the members of the team that stood first in the Ad-Mad event in Vishleshan organised by NRIBA on 18th September, 2015.
- Niserg Pandya (T. Y.) won the second prize in the Mock Parliament event in Vishleshan organised by NRIBA on 18th September, 2015.
- Mamta Keswani (T. Y.) won the second prize in the Group Discussion event in Vishleshan organised by NRIBA on 19th September, 2015.
- Kunal Agarwal (T. Y.) and Niraj Rathod (T. Y.) were the members of the team that stood third in the Quiz in Vishleshan organised by NRIBA on 19th September, 2015.
- Rutul Shah (T. Y.), Mamta Keswani (T. Y.), Manish Chhatlani (T. Y.) and Nimit Rathod (F. Y.) were the members of the team that stood first in the B-Plan event in Protsahan organised by the Centre of Management Studies/Ganpat University on 27th September, 2015.
- Gaurav Bagrecha (T. Y.) and Arpit Jain (T. Y.) were the members of the team that stood first in the Quiz in Protsahan organised by the Centre of Management Studies/Ganpat University on 27th September, 2015.
- Niraj Rathod (T. Y.) and Kunal Agarwal (T. Y.) were the members of the team that stood third in the Quiz in Protsahan organised by the Centre of Management Studies/Ganpat University on 27th September, 2015.
- Sagar Bhatt (S. Y.) and Pritesh Sadnani (S. Y.) were the members of the team that stood third in the Bollywood Quiz event in Protsahan organised by the Centre of Management Studies/Ganpat University on 28th September, 2015.
- Krushi Chandan (F. Y.), Aanchal Mehta (F. Y.) and Sakshi Mehta (F. Y.) were the members of the team that stood third in the Dance event in Protsahan organised by the Centre of Management Studies/Ganpat University on 28th September, 2015.
- Shimoni Shah (T. Y.), Vishesh Agarwal (T. Y.), Nimit Rathod (F. Y.), Nishi Shah (S. Y.) and Mamta Keswani (T. Y.) were the members of the team that stood first in the B-Plan event in Image organised by GLS (J. P. Shah) Institute of Business Administration on 3rd October, 2015.
- Abhishek Mishra (S. Y.), Parita Shah (S. Y.), Raj Shah (S. Y.) and Shruti Doshi (T. Y.) were the members of the team that stood first in the Branding & Advertising event in Image organised by GLS (J. P. Shah) Institute of Business Administration on 3rd October, 2015.

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- Rajvi Doshi (F. Y.) won the first prize in the Reality Bytes event in Image organised by GLS (J. P. Shah) Institute of Business Administration on 3rd October, 2015.
 - Vatsal Shah (F. Y.) and Utsav Jain (F. Y.) were the members of the team that stood first in the Mock Stock and Quiz event in Finance Conclave organised by the Library Committee & Les Quizerables on 5th October, 2015.
 - Gaurav Bagrecha (T. Y.) was the winner of the Business Standard and B-School Quiz organised by AMSOM-HLIC on 6th October, 2015.
 - Dhrumil Shah (T. Y.) was the first runner-up of the Business Standard and B-School Quiz organised by AMSOM-HLIC on 6th October, 2015.
 - Medha Thakker (S. Y.) was the second runner-up of the Business Standard and B-School Quiz organised by AMSOM-HLIC on 6th October, 2015.
 - Manish Chhatlani (T.Y.) and Rutul Shah (T.Y.) were the finalists in Investment Challenge in MONETA organised by R.A Podar College of Commerce & Economics (Mumbai) on 4th December 2015.
 - A team of Manish Chhatlani (T.Y.) and Rutul Shah (T.Y.) was the finalist of Quiz in MONETA organised by R.A Podar College of Commerce & Economics (Mumbai) on 6th December 2015.
 - Megha Gupta (F.Y.) was the First Runners Up in the Swami Vivekanand Elocution Competition organised by S.M. Patel Institute of Commerce held on 12th January 2015.
 - Mamta Keswani (T.Y.) was the winner in Mahatma Gandhi Elocution Competition organised by H.L. College of Commerce held on 12th February 2015.
 - Aaditya Arora (S.Y.) stood second in debate competition in Cognoscence 2016 Ecofest organised by St. Xaviers held on 11th - 12th February 2016.
 - Raj Shah (S.Y.), Shivani Trivedi and Gaurav Bagrecha (T.Y.) were the members of the team that stood third in Publicite in Cognoscence 2016 Ecofest organised by St. Xaviers held on 11th - 12th February 2016.
 - Prerit Jain (T.Y.) and Priyanka Hiran (T.Y.) were the members of the team that secured the second position in Hues of Entrepreneurship (Start-up Station) in Cognoscence 2016 Ecofest organised by St. Xaviers held on 11th - 12th February 2016.
 - Nishi Shah (S.Y.), Juhi Gopwani (T.Y.), Nishu Gupta (T.Y.) and Meenakshi Menon (T.Y.) were the members of the team that secured the first position in Road Runner (Treasure Hunt) competition in Cognoscence 2016 Ecofest organised by St. Xaviers held on 11th - 12th February 2016.
 - Rutul Shah (T.Y.) and Manish Chhatlani (T.Y.) were the members of the team that secured the second position in Arthmanthan in Cognoscence 2016 Ecofest organised by St. Xaviers held on 11th - 12th February 2016.
 - Tapan Thakkar (S.Y.), Nimit Rathod (F.Y.), Manish Chhatlani (T.Y.), Rutul Shah (T.Y.), Heer Goklani (S.Y.) and Jeneel Shah (S.Y.) were the members of the team that was the winner of Arthvaad 2016 Ecofest organised by AMSOM-BKMIBA held on 20th February 2016.
 - Anshini Patel (T.Y.) and Bhagyashree Kulkarni (T.Y.) were the institutional winners from AMSOM-HLIC in All India Essay Writing Event, 2015 organised by Shri Ram Chandra Mission (SRCM) & United Nations Information Centre for India & Bhutan.
 - Aaditya Arora (S.Y.) was the winner in King of Share Market organised by HLCC and Bombay Stock Exchange.
 - Raj Shah (S.Y.) was the Second Runners Up in the Mahadevbhai Desai Elocution Competition organised by L.D Arts College.
 - Raj Shah (S.Y.) has been selected for the 22nd Gurukul Programme organised by The Foundation for Universal Responsibility of His Holiness The Dalai Lama.
 - Rutul Shah (T.Y.) attended the Harvard College US-India Initiative which was organised in Mumbai on 8th - 9th January, 2016.
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APPENDIX C

VentureStudio Guest Lectures

NAME	POSITION	TOPIC OF LECTURE	DATE OF VISIT
Achal Bakeri	CMD, Symphony	Symphony- An Entrepreneurial Journey, Challenges and Success	9 th July 2015
Pratik Shah & Krishna Kulkarni	AGM Sales & AVP- Solution Engineering respectively	Netmagic Profile, Technology, Products/ Services	13 th August 2015
Kaushal Chokshi	President, Scaale Group	The Future of Digital World and Emergence of New Business Models	28 th September 2015
Arvind Agarwal & 10 delegates	IAS, Additional Chief Secretary, Industry and Mines	Visit only	30 th October 2015
Ramakrishna Veamuri	Professor of Entrepreneurship, Department Chair (Strategy & Entrepreneurship), China Europe International Business School (CEIBS)	Visit only	16 th December 2015
Asgar Ahmed & Marlina Ramchandran	Director, National Entrepreneurship Network & Regional Manager, National Entrepreneurship Network respectively	Visit only	5 th December 2015
Geoff Wain	Deputy High Commissioner, British High Commission	Visit only	3 rd December 2015
V.C. Kartick	Angel investor, Mumbai	What are the most upcoming investment sectors & how to attract investors from other metros for the next round of funding for Ahmedabad based start-ups	5 th January 2016
Asha Jadeja	Venture Capitalist, Angel Investor and Philanthropists in Silicon Valley	Visit only	26 th January 2016
Dean Woodard	Assistant General Counsel of IP and Licensing at Research Triangle	Research & Knowledge Creation	12 th January 2016
Kees Dorst	Professor of Design at University of Technology, Sydney. Also a leading world thinker on Design Thinking	Frame Creation Workshop	18 th January 2016

NAME	POSITION	TOPIC OF LECTURE	DATE OF VISIT
Ted Zoller	Director, Centre for Entrepreneurial Studies at Kenan-Flagler School of Business at the University of North Carolina, Chapel Hill	Innovation Explosion through Design Thinking and Entrepreneurial Investors Network	14 th January 2016 in Mumbai & 16 th January 2016 in Ahmedabad
Anusuya Gupta	Senior Project Manager, EU, Delhi	Visit only	18 th February 2016
Ben Littauer	Angel Investor, Boston	What Investors look for pitching	7 th March 2016
Jos Scheffellar	European Entrepreneur	Boston Entrepreneurial Ecosystem	7 th March 2016
Rakesh Pandey	Research Scientist at Olin College of Engineering and Executive in Residence at Northeastern University	Challenges in Innovation and how to bring Innovation to Ahmedabad University	8 th March 2016
Oscar Puente Santiago	Mayor of the City of Valladolid, Spain	Visit only	9 th March 2016
Daniel Miguel San	Vice Chancellor, University of Valladolid, Spain	Visit only	9 th March 2016
Rajni Shah	Rajni Shah & Associates	Issues related to setting up of a New Business/ Companies	4 th May 2016
Vikas Chawda	Founder, Quantum Leap	Innovations and Start-ups	6 th May 2016

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