



All pictures of students, faculties, labs, classrooms, campus and other locations in this catalogue are actual and belong to ITM Universe Campus except photos of monuments on page no. 61.

Photo Credits: ITM-SAAD, ITMU students and faculty.

Disclaimer: ITM Universe does not have any other institute/branch in Vadodara/Gujarat.

ITM UNIVERSE
"THINK BIG...
THINK BEYOND"



Contents



Vision, Mission and Values.....	1	Department Of Applied Science and Humanities	38
Advisory Board.....	3	Department Of Management Studies.....	42
Welcome to ITM Universe, Vadodara.....	5	Master Of Computer Applications.....	45
About Samata Lok Sansthan	13	ITM-School Of Architecture Art And Design (SAAD)	48
About Vadodara	14	Campus Of ITM SAAD.....	54
About Institute of Technology and Management Universe (ITMU) Vadodara.....	15	Curricular activities of ITM Universe Technical Campus	62
Courses Offered	16	Training, Augmentation & Placements Assistance Cell (TAP).....	70
Department Of Mechanical Engineering.....	18	Students speak.....	72
Department Of Electrical Engineering.....	22	Extra-Curricular Activities	78
Department Of Electronics & Communication	26	Cultural Events	80
Department Of Civil Engineering.....	30	Rules To Be Strictly Followed	57
Department Of Computer Science & Engineering	34		

Vision, Mission and Values

Vision

To develop the institute into a centre of excellence in education, research, training and consultancy to the extent that it becomes a significant player in the technical and overall development of the country.

Mission

To meet the global needs of competent and dedicated professionals.

To undertake research & Development, consultancy & extension activities which are relevant to the needs of mankind.

To serve the community by interaction on technical, scientific and other aspects of development.

Values

Humanity and ethics blended with sincerity, integrity and accountability.

Productive delivery supported by healthy competition.

Efficiency and dynamism coupled with sensitivity.

To nurture innovation and ability to think differently with rational creativity.

Appreciation of sustainable socio-cultural values and to feel proud to be a good professional contributing to the betterment of the Mankind and Mother Earth.







ADVISORY BOARD

Smt Kanupriya Singh Rathore
Chairperson

Shri Rama Shankar Singh
Trustee & Chancellor,
ITM University, Gwalior

Shri Ravindra Singh Rathore
Managing Director & Trustee

Prof. Akshai Aggarwal
Vice Chancellor,
GTU, Ahmedabad

Prof. P.B. Sharma
Vice Chancellor
Delhi Technological University

Prof. K. G. Narayankhedkar
Ex-Director
VJTI, Mumbai

Prof. K. K. Aggarwal
Vice Chancellor,
Gujarat University,
Ahmedabad

Prof. A. N. Mitra
Prof. Emeritus, Physics,
Delhi University

Dr. Anil Kane
Ex-Vice Chancellor,
MSU, Vadodara
President-Emeritus,
World Wind Energy
Association

Prof. Yogesh Upadhyay
Vice Chancellor,
ITM University, Gwalior

Prof. Ramesh K. Goyal
Ex-Vice Chancellor,
MSU, Vadodara &
Exec. Director,
Sri Rama Chandra University,
Chennai

Prof. M. N. Patel
Vice Chancellor,
Gujarat University,
Ahmedabad

Prof. Prem Sagar
Ex-Vice Chancellor
South Gujarat University, Surat

Dr. L. M. Manocha
Ex- Head, Material Sci.
S. P. University, Anand

Dr. Raja Ramanna
DRDO. Distinguish Fellow,
New Delhi

Shri Prem Raj
Managing Director,
Conmat, Vadodara

Shri Kalpesh Patel
Managing Director,
Kemrock, Vadodara

Shri Navin Dewaji
Location Chief,
Siemens, Baroda

Prof. S. M. Joshi
Ex-Pro Vice-Chancellor,
MS University, Vadodara

Shri P. N. Shali
Director,
Engineering Council of India

Prof. Baldev Raj
Ex-Director,
IGCAR, Kalpakkam
Resident Research,
PSG Inst. Research Gr.,
Coimbatore

Shri Pavan K Jain
Site Resident
Reliance Industries Ltd.,
Hazira

Shri Ganesh Jivani
Managing Director,
Matrix Comsec Pvt. Ltd.,
Vadodara

Dr. A. K. Tiwari
Director,
Chemchem India Ltd.,
Mumbai

Shri Y. S. Trivedi
Sr. Vice President,
L & T Heavy Engineering Plant,
Hazira.

Shri D.V. Acharya
COO India,
Inox I Vadodara

Prof. V. D. Pathak
Ex-Pro-Vice Chancellor,
MSU, Vadodara

Dr. K. Baba Pai
Director,
ITM Universe, Vadodara

ACADEMIC COUNCIL

Shri P. M. Shah
Joint Director, Indl. Safety, Vadodara

Prof. D. L. Shah
Applied Mech., MSU, Vadodara

Prof. P. Prabhakaran
Dean, Navrachna University, Vadodara

Prof. A. I. Trivedi
Electrical Engineering, MSU, Vadodara

Prof. D. B. Choksi
G.H. Patel Institute
S.P. University, V.V. Nagar

Dr. K. M. Gupta
IIT, Gandhinagar

Prof. S. A. Channiwala
Mech., SVNIT, Surat

Prof. M. Y. Patil
ACPC, Ahmedabad

Shri.U.Y. Nanavati
GTU, Ahmedabad

Prof. R. D. Gupta
Advisor to Chancellor,
ITM University, Gwalior

Prof. G. N. Mehta
Ex-Dean, SVNIT, Surat

Prof. S. A. Kanitkar
Prof. Elec. Engg., MSU (Retd.)
Dean (Academics)
ITM Universe, Vadodara

Col. V. I. Trivedi
Dean, EDC, ITM Universe, Vadodara

Prof. S. G. Shah
Dean, R & D, ITM Universe, Vadodara

Prof. Sanjay Vij
Dean, Academics, ITM Universe, Vadodara

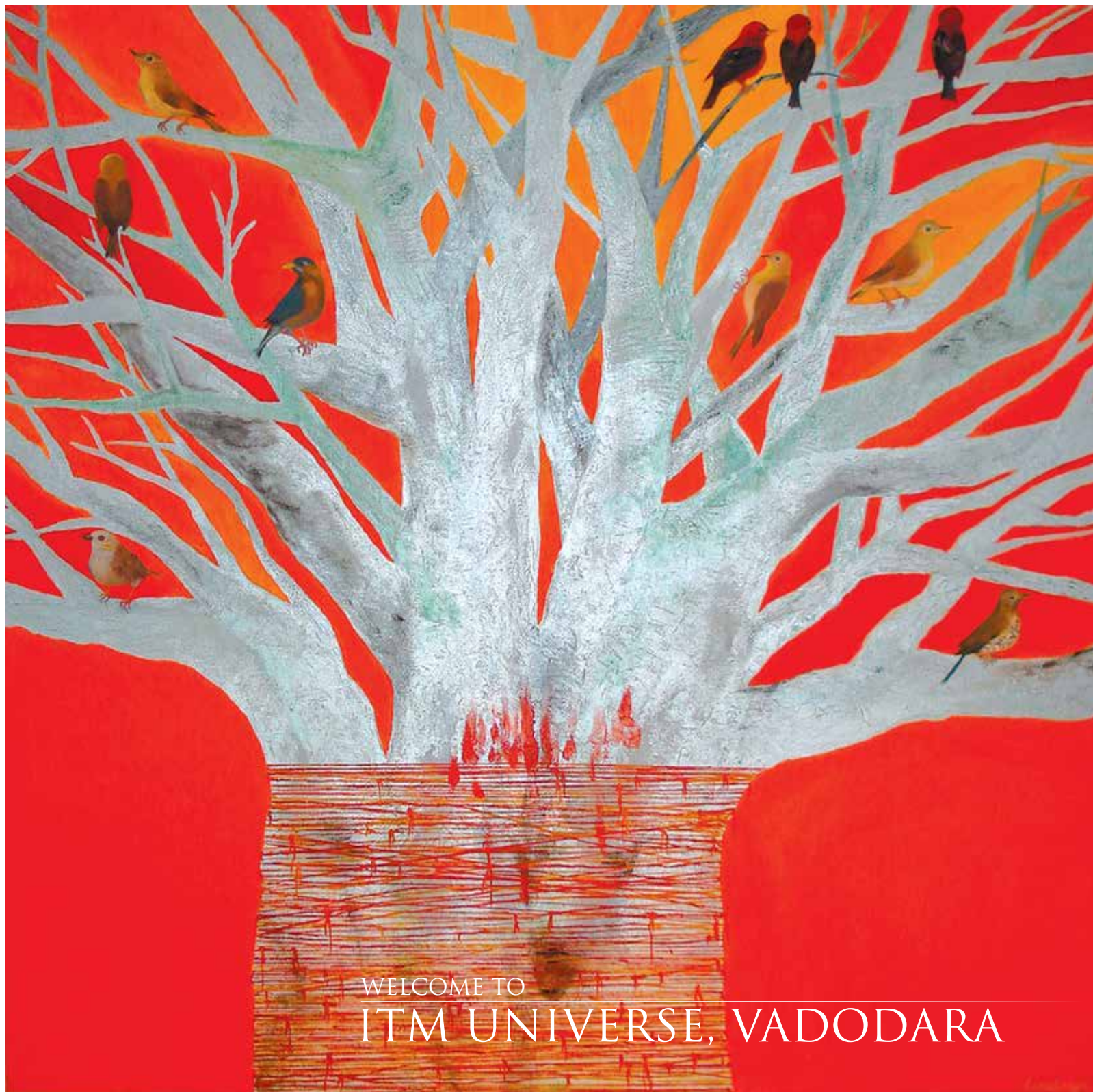


“... nothing gives me more happiness & satisfaction than seeing smiles on the faces of young boys & girls as they enjoy the learning process in the campus, make life-long friends, work hard to cope with the challenges of their curricular & co-curricular schedules and indulge with vigor in extra-curricular activities, find time to enjoy life, groom themselves as fine ladies & gentlemen sensitive to global arts & culture, ready to plunge into their chosen professions and finally work overtime to care for their immediate & Global family and see that Mother Earth and all its inhabitants are saved from catastrophic human interventions. I do believe of these young people becoming ethically right, successful & enjoy their lives to the fullest...”

Rama Shankar Singh

Chancellor, ITM University Gwalior

Trustee, ITM Universe, Vadodara



WELCOME TO
ITM UNIVERSE, VADODARA



At ITM Universe, Vadodara we seek self-motivated individuals who believe in charting their own methods of learning, who take full advantage of the opportunities, and are willing to contribute their very best. They will join a rewarding network of scholars, advisors, and academia that have attained some of the most coveted positions in the industry and society in India and overseas.

Education at ITM Universe, Vadodara, Gujarat will be filled with challenges and rewards limited only by the boundaries of your energy, imagination and the willingness to take challenges. We believe in involving our students as collaborators, stakeholders and colleagues; after all there is so much to learn from each other both within the classroom as well as outside. ITM Universe campus shall be ever bubbling with creativity of world renowned Scientists and artists in different disciplines interacting with our students. Heads of Govts., Noble laureates & Vice-Chancellors will keep visiting us at regular intervals to guide and inspire students and staff. The campus is sure to be perceived as a hub of academic & artistic activities with no parallel around. I invite you to be a part of the fraternity in these challenging yet promising times and contribute towards creating a harmonious, peaceful and rewarding future.

Kanupriya Singh Rathore

Chairperson
ITM Universe, Vadodara



We are enthusiastic about our academic plans & schedules of Vadodara Campus. Our departments are motivated to achieve best academic results and to strive for best possible ratings in independent rating assessments in the region. Varied academic activities like seminars, symposia, presentations etc. are the integral part of academic environment of ITM Universe, which acts as catalyst for the optimum realization of student's academic potential.

One of the unique features of ITM Universe will be prevalence of cosmopolitan culture. In ITM Universe, students are exposed to varied environment as substantial numbers of social and cultural activities are part of ITM Universe's cultural environment. In ITM Universe, we strive to create a balance between academic and social life of the students. This experience is very unique and special. I hope you will aspire to join us and experience it for yourself.

Ravindra Pratap Singh Rathore

Managing Director and Trustee
ITM Universe, Vadodara





ITM UNIVERSE DIRECTOR'S MESSAGE

We are moving at a very rapid pace towards being counted as a country which is no longer going to be known for agriculture and cottage industry products but towards a country which will be known for 3D Printing, Automation, Robotics, Big Data and the like. If we want to become a global manufacturing hub, educational and engineering institutions have to play an important role in shaping up engineers who can create ripples in the world of technology. I have always believed that we have the potential to be at a much higher level than what our GDP numbers and HDI indexes seem to suggest. I feel happy with the fact that the efforts that has been put in the last four years have given us good results as our first batch of students have been readily accepted by the Industry as most of them have been placed and welcomed with open arms. I am confident that the coming years will see the growth of an engineering Institution which will create a whole new methodology in terms of teaching pedagogy and will challenge the conventional methods of engineering education.

The Industry today feels that engineers coming out of Engineering Institutions are not ready to take up the challenges that come up at the shop floor; they come out of a world that does not prepare them to understand the day to day functioning throw at them. We are making a lot of effort to make our students Industry ready by inviting Industry professionals for Guest Lectures, Industrial Visits and organize training programs that teach them the latest software's that the Industry uses for its processes. We believe that the Engineers of tomorrow need to be technically sound and also be well aware of our rich culture and heritage for which many cultural programs are organized at ITM Universe round the year. We are confident and happy about what ITM has achieved, and are also aware of the fact that we still have lots to achieve.

Dr. K. Baba Pai

Director
ITM Universe, Vadodara





ITM-SAAD DIRECTOR'S MESSAGE



The foundational values of the school of architecture, arts and design (saad), ITM Universe are creating sustainable environment, respecting vernacular architectural practices, and promoting environmental conservation. These values translate in our curricular and co-curricular offerings, and also in the design and development of the campus. We have embraced these values through three initiatives: core academic curriculum development, enrichment activities and immersive learning experiences.

SAAD's core curriculum includes a wide range of courses like energy efficient buildings, and sustainable architecture, site design and site planning, urban design, village design, and the use of vernacular materials for affordable housing. This is accomplished by well-qualified faculties with substantial professional experience. SAAD supports the curriculum with well-equipped studios, libraries and technological infrastructure.

Student of SAAD deliberated on the concept of mascot for the department, and finally selected 'praying mentis' as a mascot. As an outcome, a metal workshop was arranged and students prepared a metal sculpture of mentis which has become a talking point of the ITM gardens. We also arranged various trade lectures and presentation by the construction industry wherein students were exposed to various new construction materials and products. The Sony cameras organized a photography event and students had great experience of meeting some the best known photographers of India.

Finally, during the 'Independent Activity Period' (IAP), students studied and documented several old historic residential dwellings of Vadodara. They conducted intense field trips, documented old historic houses, prepared measure drawings and formulated conservation policy for the vanishing heritage of Vadodara. IAP also organized brick workshop and students had firsthand experience of constructing brick arch and various bonds. Geodesic dome was designed and constructed in the ITM workshop and has now become a permanent feature in our lawns. Bamboo as building material was explored further and a gazebo near the canteen is now a reality and will support the oozing canteen.

SAAD is entering fourth year, our first batch of students of architecture have gone for the practical office training to various organizations across the country. When they return after a semester they will be rejuvenated with enthusiasm. We are getting ready for the new challenges, new ideas to meet the changing needs of the society and the industry, and offer innovative solutions to complex challenges of sustainable built environment. We believe that our students must be rooted in the Indian realities and at the same time must be globally oriented.

Prof. Uday Shelat
Director
ITM SAAD, Vadodara

DEAN ACADEMIC



Our first batch of students has graduated and they have made us feel proud to share our various milestones.

- 7th Rank in GTU in recently declared results
 - Great Placement – 72% of eligible students have been placed in good organizations.
 - 5 Prestigious awards have been received including 2 awards by ASSOCHAM in just 4 years.
- 29 Ph. Ds; 32 faculty members have qualifications from India's top institutes such as I.I.Ts; I.I.Sc; I.I.Ms; and N.I.Ts.
 - 11 BIG events have been organized with highly acclaimed international and national artists and performers
 - 9 National workshops and conferences have been organized on state-of-art topics such as Robotics, Nano Technologies, Big Data, Embedded Systems, etc. Speakers from I. I. Ts and industries enriched the quality of these programs substantially.
 - Memorandum of Understanding has been signed by Georgia Southwest University, USA.

This success has given us confidence that we are moving in the right direction without making any compromise to quality. It has further encouraged us to raise our benchmarks and accelerate our efforts so as to become the Institute of Choice in this region for Engineering, Architecture, MBA, and MCA.

It is a matter of great pride for us that our three faculty members of Design Engineering have been adjudged best by GTU Innovation Council. Various departments are actively working on their thrust areas, i. e. Robotics, Embedded Systems, Nano Technology, Big Data Analytics, etc.

Some of the projects done by our first batch of students have been acclaimed by industry professionals and even by media. It is heartening to share that the management had whole-heartedly supported such projects.

We invite you to experience great quality of teaching by superior and highly enthusiastic faculty members along with close monitoring of various initiatives and processes. Active management support and encouragement is building up a right kind of environment where students are experiencing rich learning and excitement for innovations.

Dr. Sanjay Kumar Vij
Ph. D. (IIT-B), GTU's Zonal Dean of MCA.

DEAN ADMINISTRATION



It is always a joy to watch a seed blooming in to flower. Since inception of ITM Universe four years ago and myself being an intimate part of this growth period, I feel satisfied to see the way this great alma mater is shaping. Achieving the dizzy heights within short spell of time has become the envy of the other engineering institution in and around Vadodara.

The institution has been honored at national level and awarded as the best engineering college in India (west) at 8th ASSOCHAM Education summit & national excellence Awards-2015, and best institute in Industry – Academia interface, 2014 by ASSOCHAM.

The institute has performed exceptionally well travelling length and breadth on academic horizon to bag second position in Gujarat Technological university in Classical Dance, Volleyball championship of 2014 and among top ten positions in academics in disciplines of Computer Science, Electrical and Electronics & Communication Engineering, to mention a few.

The years have passed with full satisfaction of teaching-taught and administration teams. These well knitted teams are determined to see the institution growing with speed and spread in future. I wish all the best to future members joining the family of this great academic outfit.

Col.A.V Gupta
Dean, Administration
ITM Universe, Vadodara



DEAN EDC



Large numbers of parents' have their biggest investment in the education of their children. They dream to see their children to achieving targets which they could not achieve. We at ITM Universe know it well that we are the medium to realize dreams of parents.

Management at ITM provides infrastructure and all the resources required. The Institute has started Aero-Modeling club which is unique in Gujarat and also acquired an RC Model Aircraft so that interested students can enjoy flying the Aircraft and pursue their hobby. GTU has also appreciated this activity of the Institute. Faculty inspires students to work hard, guide them to realize their dreams, provide freedom to innovate and give opportunity to become an Entrepreneur. Ultimately students will work hard, be disciplined and take maximum advantages of infrastructure and take help from experienced and learned faculties. We aim to have over development of personality in student.

We at ITM want to share dreams of parents & students and ensure providing full satisfaction. I am sure you would like to see and experience ITM Universe by yourself.

V. I. Trivedi

Lt. Col. (Retd.), Dean (EDC)

DEAN R & D



India enjoys the reputation across the globe of being the Nation, which produces world class engineers and scientists. We want our students to walk in that exciting path of research and innovation for not only helping themselves, but also the society and mankind as a whole.

New disciplines of knowledge will emerge and focus will be on interdisciplinary and multidisciplinary research leading to new designs, process, products, materials and technologies. It is necessary that brilliant young minds focus their attention, energies and talent on new innovations and discoveries.

The Institute of Technology & Management (ITM) Universe, Vadodara will foster the research culture and would strive to provide necessary environment and facilities to nurture the creative minds.

The performance of R&D cell is measured in terms of publications, patents, conferences/seminars organized, funding received and industrial consultancy. We, at ITM Universe, have taken strong steps to achieve these targets and are continually moving towards further success in these domains.

I, as the Dean of Research and Development, invite all the students and faculty members of this institute to make use of the facilities and resources offered by the institute to nurture their talent and contribute their ideas for the growth of the nation.

Dr. Santosh G. Shah

Dean (R&D)

ITM Universe, Vadodara



DEAN INDUSTRY ACADEMICS INTERFACE



ITM Universe Vadodara objective is to groom all students with employable and entrepreneur skills. Our endeavour is to make them ready to join industry and corporate. Management of ITM Universe (Vadodara) have built its partnership with industries associations like FGI – Federation of Gujarat Industries, VCCI-Vadodara Chamber of Commerce & Industry, GESIA-Gujarat Electronic & Software Industries Association, CII- Confederation of Indian Industry as well as with IIM Alumnus of Vadodara Chapter.

Faculties are experienced and always ready to help students in their overall personality development. Communication skills are being enhanced through class participation and project presentation. Students are grilled in MOCK interviews and Group Discussion –GD.

Extra efforts are made to encourage students to read business newspapers daily by subscribing their individual copies. Library subscribes magazines to update their knowledge on current business practices and innovations.

I am joined academics after my 33 years of corporate experience, as I realised during my Ph.D. that there is a need to bring industry and academics nearer to each other, so that students get practical knowledge while doing their graduation and post-graduation.

I invite students and parents to visit the beautiful campus, see the infrastructure yourself and interact with our faculties and students.

Dr Jyot Mohan

Dean IAI
Ph.D. (MSU), PGDM (IIM-C)



ABOUT SAMATA LOK SANSTHAN

Approvals



Affiliation



Gujarat Technical University
Ahmedabad, Gujarat

Samata Lok Sansthan Trust is a registered trust of Gujarat state u/s Bombay Trust act. The trustees of the trust have been involved in various activities, such as educational, environmental awareness and human development. The Samata Lok Sansthan Trust has established two Technical campuses viz. ITM Universe and ITM SAAD (School of Architecture, Art and Design) at Vadodara, Gujarat.

ITM Universe was established in the year 2011-12 with two schools that is

1. School of Engineering with an intake of 300 students.
2. School of Management with an intake of 120 students.
3. School of Computer applications was formed in the year 2012-13 with an intake of 60 students.

Similarly, Trust established ITM SAAD (School of Architecture, Art and Design) in the year 2012. Trust established ITM Universe Vadodara with the approval of AICTE with an intake of 420 students which rose to 900 in the very next academic year 2012-13. School of Engineering offers undergraduate courses in five streams of engineering viz. Civil Engineering, Mechanical Engineering, Electrical Engineering, Electronics and Communication Engineering and Computer Science and Engineering.

Trust is involved in activities related with Culture and Arts, and is instrumental in several artists' camps and exhibitions of contemporary paintings & sculptures, and concerts by leading musicians and singers of Indian classical music in Vadodara. It also has been organizing poetry recital with various known names. The trust also initiates health checkup camps for nearby villages, and organizes blood donation camps.





ABOUT VADODARA

Gujarat is India's fastest developing State with extra- ordinary rate of growth in double digits, higher than India's average growth rate and which equals China's rate of growth. Every year billions of INR & U.S. dollars are being invested by Indian entrepreneurs and through huge FDI inflow. Good law & order situation, respect for entrepreneurial spirit, and Gujarati's love for fun-filled life has brought the state to the iconic level of Golden State of India (Swarnim Gujarat). Big strides in infrastructural development along with high levels of employment in manufacturing sector is giving rise in demands for skilled manpower for Industries & Service sector, which is to be provided by Educational Institutes & Universities, a sector which is rapidly growing in the state.



ABOUT INSTITUTE OF TECHNOLOGY & MANAGEMENT UNIVERSE (ITMU) VADODARA

ITM Universe Campus at Vadodara is situated on the bank of Vishwamitri river amidst orchards greens of Mangoes & Sapodillas (Chickoos) owned by the Trust at village – Paldi, on Halol highway. The Campus is just 20 minutes drive from Vadodara airport and is in pollution free natural surroundings near Dhanora Lake. An industrial growth centre at Halol, 19 Kms from the campus, is coming up with huge investment and potential for jobs. ITM Universe through its UG/ PG level students will cater to the man power needs of Halol Industrial area. ITM Universe, Vadodara campus is being constructed across 50 acres land in phased manner. It started in September 2010, and will continue till 2015. By the end of 2015 this campus will have more than 6 lac square feet of instructional area and other additional spaces for amenities. The modern feel of the campus gives competition to its international counterparts. The campus is buzzing with the presence of contemporary sculptures created by well known artists from different parts of the world, creating their best, using various materials. These monumental sculptures and paintings within the campus add another dimension to the learning environment. ITM in Central India & Vadodara is known all over India for its co-curricular and extra-curricular activities of high standards especially in the field of Hindustani Classical Music, Literature and Poetry, making the whole learning process holistic in its approach. Cutting edge technologies and best practices of management, ITM Vadodara sees the same emphasis on these vital policies.



COURSES OFFERED

Affiliated to Gujarat Technology University, Ahmedabad, approved by - AICTE (Govt. of India) and State Government.

Bachelor of Engineering (B.E.)

Intake: 720

Mechanical Engineering	120
<i>Second Shift</i>	120
Electrical Engineering	120
E&C Engineering	60
Computer Engineering	120
Civil Engineering	120
Automobile Engineering	60
Seats	

Eligibility: 10+2 Pattern and Std. 12th from Science Stream Candidate should appear in JEE of the current admission year.

Course Duration - 4Years

Masters of Engineering

Intake: 24

Eligibility: 50 % in B.E Computer, IT or MCA, (45% in case of reserved category). Qualified in GATE

Course Duration: 2 Years

Masters of Business Administration (MBA)

Intake: 120

- Specializations
- Finance
- Human Resources
- Marketing

Eligibility: A candidate shall have appeared in the Gujarat Common Entrance Test (CMAT).

To appear in the Gujarat Common Entrance Test (CMAT), a candidate shall have passed the qualifying examination with minimum percentage as prescribed by GTU

Course Duration: 2 Years

Masters of Computer Application (MCA)

Intake: 60+60 Second Shift

Eligibility: A candidate shall have appeared in the Gujarat Common Entrance Test (CMAT).

To appear in the Gujarat Common Entrance Test (CMAT), a candidate shall have passed the qualifying examination with minimum of 50% marks (45% marks in case of Scheduled Caste as per GTU.)

Course Duration: 3 years

NOTE: admission procedure is as per the norms and rules defined by Admission Committee for Professional Courses (Technical), Govt. of Gujarat.

FEE structure – as per admission & Fee regulatory Committee Norms. (Subject to change)

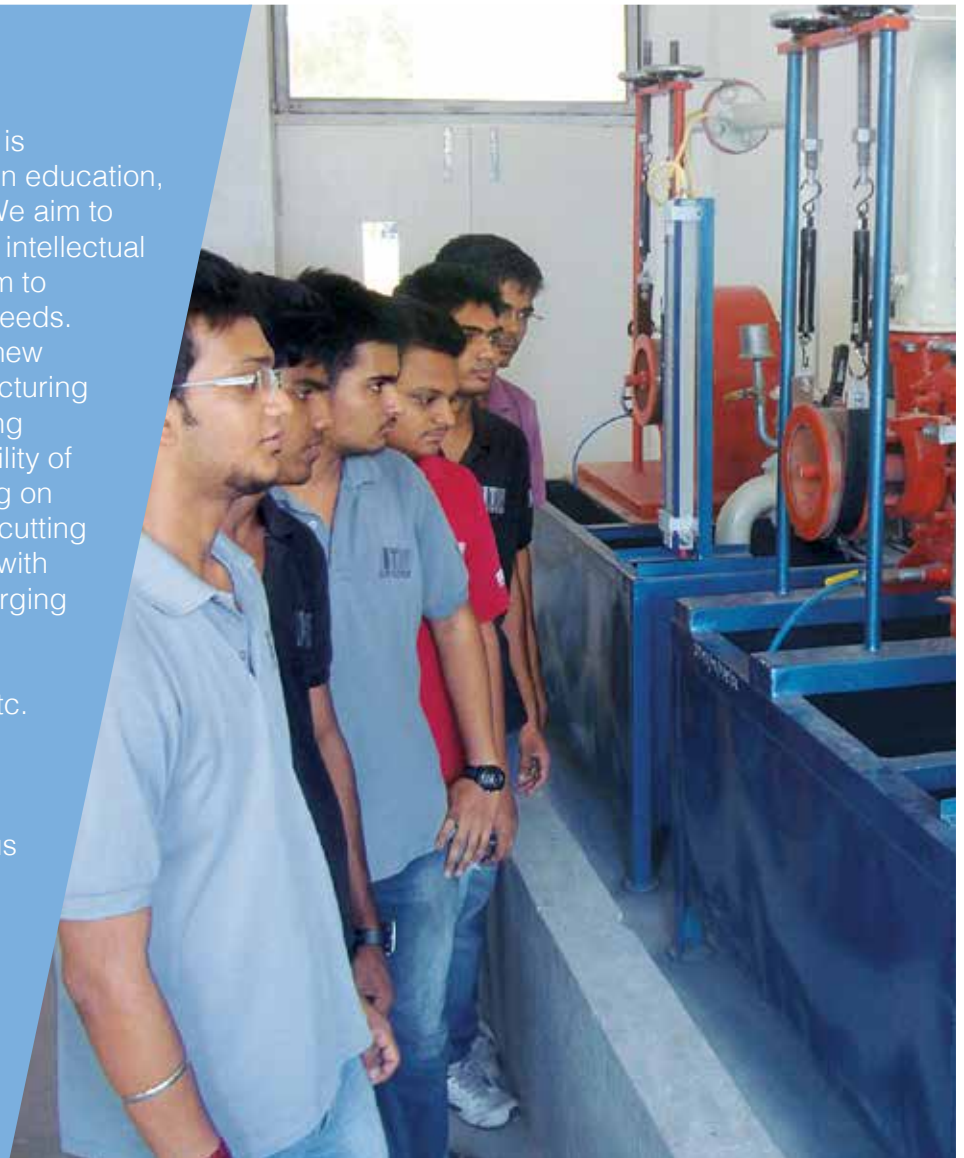


Department of Mechanical Engineering

ABOUT THE COURSE

The Department of Mechanical Engineering is continuously striving to achieve excellence in education, academic and industry oriented research. We aim to provide our students with a perfect blend of intellectual and practical experiences, which helps them to serve our society and address a variety of needs. There are new trends in industries such as new manufacturing systems like Flexible Manufacturing Systems, Computer Integrated Manufacturing which aims at higher productivity and reliability of organization. As industries are concentrating on value addition & lean manufacturing for the cutting edge competition. To update and compete with the world, students should be aware of emerging trends of mechanical engineering such as Robotics, space research, finite element analysis, nuclear power and sustainability etc.

In our program, students are prepared for the excellence in emerging trends of mechanical engineering field through various research activities. To support this, the Department has qualified and experienced faculty members with industrial and research Experience and well-developed infrastructure facilities and state of the art laboratories.



1. LABORATORY FACILITIES

- Well equipped workshop with all trades of mechanical engineering like fitting, welding, carpentry, Forging, Tin Smithy, Machining Processes, etc.
- Elements of Mechanical Engineering Lab with all basic Models.
- Material Science & Metallurgy and Mechanical Measurement & Metrology Lab with various measuring devices.
- Computer Aided Design lab equipped with latest software like AutoCAD, Pro-E, MAT-lab etc.
- Fluid Power lab with pumps & Turbines giving practical hands on experience.
- Theory of Machines and Dynamics of Machines lab having facility to study vibration and balancing.
- Internal combustion Lab having a working model of two strokes and four stroke Petrol and Diesel Engines.
- Heat and Mass transfer lab having equipments to study Conduction, Convection and Radiation.
- Refrigeration and Air-conditioning lab having equipments to study different types of refrigeration systems, Air-conditioner and water cooler systems.
- Automobile Lab having 3 cylinder petrol engines, differential gear mechanism, steering mechanism and lighting and wiring systems for better understanding of the subject.
- Well equipped CIM lab with CNC Turning Machine

2. ACHIEVEMENTS

a. Facultyies

- Assistant **Prof. Jay N. Shah** received Best Teacher Award from ITM Universe, Vadodara on Republic Day Program.

Paper Publications & Research Work

- **Prof. Mitesh Mungla** presented a research paper entitled "Crack Detection of Pipe Using Static Deflection Method" at an International Conference on Advances in Design and Manufacturing organized NIT-Trichy in December 2014.
- **Prof. Anil Parmar** attended an International Conference on "Heat-Treat Show-2014" at Gandhinagar for 3 days in which ITM Universe was sponsor partner.
- **Prof. Anil Parmar** published a paper on "Use of Glass Particles for Development of Low Cost Aluminum Matrix Material" in an International Journal of Emerging Technology and Advanced Engineering (March 2014).
- **Prof. Anil Parmar** has been appointed Joint Secretary in ISNT, Baroda Chapter. Indian Society of Non-destructive Testing (ISNT) is a National body of NDT.
- **Prof. Hetal Fitter** presented paper on "Comparison of Parametrically Programmed Machining with CAM System Machining for C0 Continuity Bezier Curves Based on Various Parameters" in 12th Global Congress on Manufacturing and Management, December 2014. The paper was later published by "Procedia Engineering" in January 2015.
- **Prof. Hetal Fitter** presented paper on "A Review on Various Approaches for Handling Bezier Curves in Manufacturing" in 12th Global Congress on Manufacturing and Management, December 2014. The paper was later published by "Procedia Engineering" in January 2015.
- **Prof. Bhoomika Shukla** presented "A Review Paper on Performance Evaluation of Wind Turbine Rotor for Different Air Foils Using Computational Fluid Dynamics" in ITMAE -2014 at SVIT, VASAD.
- **Prof. Ravi Dabla** published paper on "Tensile Behavior of Metal Matrix Composite (MMC) at Elevated Temperature" in International Journal for society of engineering and research.
- **Prof. Samarth Bhaduwalla** presented a paper on "Study of Effect of Various Process Parameters in EDM on MRR for Different Heat Treatment on HSS M2 Grade Tool Steel" in Recent Advances in Manufacturing (RAM - 2014) at SVNIT, Surat.
- **Prof. Swayam Gandhi** presented a paper on "Effect of Various Parameters on Temperature Distribution in Friction Stir Welding of Aluminum Alloy 8011" at Recent advances in Manufacturing (RAM - 2014) at SVNIT, Surat.
- **Prof. Harshit Trivedi** published paper on "Thermal & Hydraulic Characteristics of Single Phase Flow in Mini-channel for Electronic Cooling – Review" in International Journal of Innovative Research in Science, Engineering and Technology.
- **Prof. Harshit Trivedi** presented a paper entitled "Experimental & Thermal Analysis of Mini channel Heat Exchanger" in FMFP conference at IIT Kanpur, December 2014.
- **Prof. Khushbu Vaishnav** published a paper on "Barriers of Green Supply Chain in Management - A Literature Review" in International Journal of Engineering Research & Technology, May-2014.
- **Prof. Narayan Jaiswal** published a paper on "CFD Analysis of Centrifugal Pump Review" in International Journal of Engineering Research & Technology, May 2014.

b. Students

- Development of “**Working model of Bike engine that runs on air**”.
- Research Paper Published on “**Lean Manufacturing Application on Welding Defects in Cryogenic Vessel**” by Ajay K Solanki, Mit Pandya, Dhananjay Bisht, Arpit Bhatiya in International Journal of Emerging Technology and Advanced Engineering (ISSN 2250–2459(Online), An ISO 9001:2008 Certified Journal)
- Acceptance of research paper entitled as “**Thermal analysis of mini channel heat sink with nano fluid**” at FMFP-2015 conference, NIT Surathkal.
- Development of Bio Diesel Plant.

3. DEPARTMENTAL ACTIVITIES & PROGRAMS

a. Workshops / Seminar / Expert Lectures

The Department arranged various activities & programs for the students of Mechanical Engineering which are as follows:

- “**Workshop on overview of NDE Techniques**” was organized by the department for one day. The workshop was conducted by known industrial experts named Mr. Kashyap Bhatt, Mr. Krutik Shah and Mr. Prashant Barodia.
- Second two days national seminar on “**Innovations in Robotics IIR-2015**”. Eminent professors from various IITs and experts in the field of Robotics shared their vast experience and knowledge regarding the contemporary innovations and future trends in Robotics, which was attended by faculty members and research scholars. The details of the expert lectures are given below:

- Expert Lecture-1: By **Prof. S. K. Saha** Professor, Indian Institute of Technology, Delhi. Topic: A RoCK-BEE Concept.
- Expert Lecture-2: By **Mr. Manoj Yadav**, AGM, Sales KUKA Robotics (India) Pvt. Ltd. Gurgaon Topic: Future Trends of Industrial Robotics & Automation.
- Expert Lecture-3: By **Shri C D Shridhar**, an outstanding Scientist, Deputy Director (Retd.), ISRO Satellite Centre, Bangalore. Topic: Robotics for Space Applications.
- Expert Lecture-4: By **Prof. Laxmidhar Behera**, Professor, Indian Institute of Technology, Kanpur. Topic: Learning to Control Visually Guided Robotic Systems.
- Expert Lecture-5: By **Dr. M Santhakumar**, Assistant Professor, Indian Institute of Technology, Indore. Topic: Position Tracking Control of Robotic Manipulator in Joint and Task Space.
- Augmentation lectures were delivered by the faculty members to the students to impart the knowledge beyond the syllabus.
- TAPP organized Augmentation training: CNC Turning & Milling for 6th semester students.
- **Dr. Prasad**, from IITB delivered expert lecture on “Fracture Mechanics” for 8th semester students.
- A Seminar on “**Solid Works**” was organized by Mechanical Department in association with Khodiyar CAD Centre Pvt. Ltd. for faculties & students.
- Mechanical Department has started “**Aero-modeling Club**” which was inaugurated by Mr. Divyabhanusingh Rana.

b. Industrial Visits

- Industrial visits were arranged at Kailash Foundry, Devine welding works at GIDC Makarpura and Shree Ram Metal Cast, at GIDC Manjusr, for 5th semester students.
- Industrial visits were arranged at INOX CVA, Kalol and Banco India Product Ltd. for 6th semester students.
- Industrial visits were arranged at Shri Maruti Industry & Kuester-Calico at Por GIDC, Shangvi Forging & Multi Fastener at Waghodia GIDC for 4th semester students.+

c. Club

- The Department of Mechanical engineering and Automobile engineering have formed a club called SAEINDIA COLLEGIATE CLUB OF ITM UNIVERSE, VADODARA. SAEINDIA is an affiliate society of SAE International registered in India as an Indian nonprofit engineering and scientific society dedicated to the advancement of mobility industry in India. The SAEINDIA COLLEGIATE CLUB OF ITM UNIVERSE is formed by 67 students and 4 faculties who are paid SAE members and the club is vigorously preparing for the national level technical competition “BAJA SAEINDIA 2016”. The club is also focusing on various other technical and professional skill development activities like technical debates, group discussions, paper presentations, professional etiquettes learning, resume writing, expert talks, industrial visits and much more.



FACULTY MEMBERS

Sr. No	Name	Designation	Qualifications
1.	Prof. B. A. Doshi	Professor	M. Tech. (IIT, Madras)
2.	Mr. Minesh T. Patel	Asst. Professor	M. Tech.
3.	Mr. Jay Shah	Asst. Professor	M. Tech. (SVNIT, Surat)
4.	Mr. Akash Dubey	Asst. Professor	M.E.
5.	Mr. Anil Parmar	Asst. Professor	M.E.
6.	Mr. Manoj Pal	Asst. Professor	M. Tech. (MNIT, Jaipur)
7.	Mr. Brijmohan Singh	Asst. Professor	M. Tech .
8.	Ms. Hetal Fitter	Asst. Professor	M.E.
9.	Ms. Bhoomika Shukla	Asst. Professor	M.E.
10.	Mr. Ravi Dabla	Asst. Professor	M.E.
11.	Mr. Samarth Bhaduwalla	Asst. Professor	M.E.
12.	Mr. Swayam Gandhi	Asst. Professor	M.E.
13.	Mr. Harshit Trivedi	Asst. Professor	M.E.
14.	Mrs. Khushbu Vaishnav	Asst. Professor	M.E.
15.	Mr. Narayan Jaiswal	Asst. Professor	M.E.
16.	Mr. Rohit Kamble	Asst. Professor	M. Tech. (SVNIT, Surat)
17.	Mr. Bharat Kumar	Asst. Professor	M. Tech. (SVNIT, Surat)
18.	Mr. Santosh Kumar	Asst. Professor	M. Tech. (SVNIT, Surat)
19.	Mr. Chetan Solanki	Asst. Professor	M.E.
20.	Mr. Mehul Chaudhari	Asst. Professor	M. Tech. (SVNIT, Surat)
21.	Mr. Nayan Kaneriya	Asst. Professor	M.E.
22.	Mr. Juned F. Dadi	Asst. Professor	M.E.
23.	Mr. Shailesh L. Prajapati	Asst. Professor	M.E.
24.	Mrs. Sweety Patel	Asst. Professor	M.E.
25.	Mr. Dip P. Shah	Asst. Professor	M.E.
26.	Mr. Dhaval Darji	Asst. Professor	M. Tech. (SVNIT, Surat)
27.	Mr. Nitin Oza	Asst. Professor	M.E.
28.	Mr. Jay Mandalia	Lecturer	B.E., M.E. (Pursuing)
29.	Mr. Digvijay Sarkar	Lecturer	B.Tech. (SVNIT, Surat)
30.	Mr. Parth Trivedi	Lecturer	B.E.



Department of Electrical Engineering

ABOUT THE COURSE

The under graduate academic program in Electrical Engineering is designed to prepare students for career in the industry or business or to pursue higher studies by providing them a thorough foundation of fundamentals and analytical tools of contemporary Electrical Engineering. The department has well developed laboratory facilities, infrastructure and qualified and experienced faculties to offer quality education. A wide range of elective courses permits the students to emphasize on specific disciplines such as, Power Electronics, Digital Systems, Advance Micro Controller, and Advance Power Systems.

Electricity is the prime driver of economic growth for any nation. India is planning to commission one 1200kV transmission line in the near future which is highest transmission voltage in the world. Therefore demand and scope for electrical engineers have increased tremendously. The horizon for electrical engineering has expanded continuously and there are no signs of diminishing this expansion. In recent years, notable areas of development have been the evolution of power system, large scale electrical energy network, non-conventional energy sources development in power quality,



smart grid etc., The department aims to give full exposure to the students about the upcoming areas such as power electronics advancement and its applications in power systems, and the development in power quality in electrical machines and drives. Electrical engineer graduates are in high demand in India and overseas, and if India is to be successful in its attempts to capitalize on its know-how in today's technology, this demand will continue to grow so as of electrical engineers.

1. LABORATORY FACILITIES

Teaching is fully supported by well equipped laboratories run by the department. The experiments are conducted in the following areas:

- Elements of Electrical Engineering
- Power System Protection
- Power Electronics
- Control Theory
- High Voltage
- Electrical Measurements & Instrumentation
- Electrical & Electronics Workshop
- Electrical Machines

We have an advanced computer laboratory with engineering related softwares. The campus is Wi-Fi enabled to avail the internet facility. ITM Universe is located in an area surrounded by many industries. In the near future, we are planning to establish a testing and calibration unit which will provide facilities to various industries to get their meters calibrated and tested. The department has high voltage laboratory to impart training to students about work culture in high voltage field and benefits the industries for conducting high voltage test on their product.

2. ACHIEVEMENTS

a. Faculties

- **Vishva Pandya, Hina Chandwani** and **Vinod Patel** jointly published a

paper on "Simulation of Three Phase Electronic Soft Starter Using Four Thyristors" in International Journal of Engineering Development and Research, P-ISSN: 2321-9939.

- **Madhvi Kavaiya** and **Kartik Pandya** published a paper on "PMU Placement in Power Networking Using Integer Linear Programming" in International Journal of Engineering Development and Research, P-ISSN: 2321-9939.
- **Dipti R Chaudhary** and **Prof. Ankit Sharma** published a paper on "Character Recognition Using Back Propagation Method" in International Journal of Engineering Research and Development, P-ISSN:2278-800X.
- **Sunil Malival** published a paper on "Study of Power System Security In Utility 62 Bus System" in International Journal Of Engineering Research and Development, P-ISSN:2278-800X.
- **Avipsa Dey** published an article on "Low Cost Indigenous Solar Tracker" in Akshay Urja Bimonthly issue by MNRE, Govt. of India.

b. Students

- **Shrey Sharma, Rachit Patel, Pratik Patel & Sunil Malival** published a paper on "Energy Audit and Management", International Journal of Engineering Research and Development, P-ISSN: 2278-800X.
- **Pankti Pathak**, 4th semester Electrical Engineering has secured 2nd position in National level dance competition "Bharat ki Shan" which was telecast on DD National from June-December 2014.
- **Yash Bhalawala**, 3rd semester Electrical Engineering student participated as a captain for GTU Team for Badminton competition of All India Interuniversity held at Kota in 2014.

- **Yash Bhalawala**, 4th semester Electrical Engineering student has secured Second Place in GTU V.V. Nagar Zone Badminton Tournament 2015.
- **Sunny Parmar** 6th semester Electrical Engineering student participated in GTU Kabaddi team at Amravati, Maharashtra in 2015.

3. DEPARTMENTAL ACTIVITIES & PROGRAMS

a. Workshops / Seminar / Expert Lectures

The department conducted various conferences, workshops & expert lectures for quenching the thirst of knowledge among students which are as under:

i. Conferences

- 1st Two days national level conference was organized on "**Recent Trends in Electrical and Electronics & Communication Engineering (RTEECE - 2014)**" on 17th & 18th January 2014. The delegates from various industries, colleges, research institutes participated and exchanged their views with the students about current scenario in the power sector & polished their brains with new and more intellectual ideas & developments.
- 2nd Two days national level conference was organized on "**Recent Trends in Electrical and Electronics & Communication Engineering (RTEECE - 2015)**" on 17th & 18th April 2015. The delegates from various industries, colleges, research institutes participated and exchanged their views with the students about current scenario in the power sector & polished their brains with new and more intellectual ideas & developments.

ii. Workshops

- A workshop on “**Energy Conservation Awareness**” was organized on 20th February, 2013 in association with GEDA (Gujarat Energy Development and Agency) and ACE (Academy for Conservation for Energy), Vadodara.
- A workshop on “**Energy Conservation Awareness**” was organized on 19th September, 2013 in association with GEDA (Gujarat Energy Development and Agency) and ACE (Academy for Conservation for Energy), Vadodara.
- A workshop on “**Maintenance, Commissioning & Testing of Electrical Equipments**” was organized on 8th March 2013.

iii. Expert Lectures

1. **Dr. Naran Pindoriya**, (Assistant Professor, IIT, Gandhinagar) delivered a lecture on “Smart Grid Technology”.
2. **Dr. Ranjan Banerjee**, (General Manager, Head - Engineering and Technology, L&T, Vadodara) delivered a talk on “General Scenario of Power in Gujarat and Need of Super Critical Ultra Mega Power Plant”.
3. **Dr. Shrinet** (Deputy Director & Head-R&D, ERDA, Vadodara) delivered a talk on “Role of Hydrogen Storage in Renewable Energy”.
4. **Dr. Vivek Pandya** (Associate Professor, Electrical Engineering Department, SOT PDPU, Gandhinagar) delivered a talk on “Protection Aspects of Series Compensated Transmission Line”
5. **Prof. S. K. Joshi** (Professor & Head, Electrical Engineering Department, FET, MSU Baroda) delivered a talk on “Power System Security”.
6. **Shri S. M. Takalkar** (Director, Takalkar Power Consultants Limited,

Vadodara) delivered a talk on “Uprating and Upgradation of EHV Transmission Lines Using High Performance Conductors”.

7. **Dr. A. R. Chudasama** (Director, Neotech Technical Campus, Vadodara) delivered a talk on “Electromagnetic Field and Health Hazards”.
8. **Dr. Aradhana Ray** (Consultant, Laxmi Associates, an Engineering consultancy & Service Provider, Vadodara) delivered a lecture on “Development and Research in Diagnostic test of High Voltage Equipment”.
9. **Dr. Ranjan Banerjee**, General Manager (Head of Engg. & Technology, L&T, Vadodara) delivered a lecture on “Modern Trend in Power Generation & Distribution and Emerging Technology”.
10. **Chetan Kotwal** (Professor & Head, Electrical Engg. Dept. S.V.I.T., Vasad) delivered a lecture on “Reactive Power and Facts Controllers”.
11. **Mr. Nihar Raj**, (Head of Design & Engineering, ABB, Vadodara) delivered a lecture on “Very Fast Transients (VFT) in Gas Insulated Switchgear (GIS)”.
12. **Dr. Ragavan K.** (Assistant Professor, Electrical Engg., IIT, Gandhinagar) delivered a lecture on “Motors for Electric Vehicles”.
13. **Dr. Ketan Badgujar**, (Associate Professor, IIT RAM, Ahmedabad) delivered a lecture on “Applications of FEM for Transformer Technology”.
14. **Dr. Vithal Kamath**, (Director, Centre for Apparent Energy Research, Baroda Electric Meters Ltd.) delivered a lecture on “Observability and Controllability issues in Earthing”.
15. The department invited **Mr. S. B.**

Lele (Retd. Chief Engineer GEB) who delivered an expert lecture on “Power Scenario in India-Overview and Challenges”.

16. The department invited **Prof. (Dr.) J. G. Jamnani** (Associate Professor, Department of Electrical Engineering, School of Technology, PDPU, Gandhinagar) who delivered an expert lecture on “Design, Testing of Three Phase Induction Motor as per the IS Standard”.
17. The department invited **P. A. Shah** (Retd. Chief Engineer GETCO, Gujarat) who delivered an expert lecture on “Recent Advancement in Power System in Renewable Energy”.

b. Industrial Visits

1. KEC International for 3rd Semester students.
2. Wanakbori Thermal Power Station for 5th Semester students.
3. Asoj 220 kV Substation Transmission Division- GETCO for 6th Semester students.
4. Asoj 66 kV Substation Transmission Division- GETCO for 4th Semester students.
5. 66kV Jarod Substation for 4th Semester students.
6. Voltamp Transformers Limited for 7th Semester students.
7. Electrical Research & Development Association (ERDA) for 7th Semester students.
8. Hydro Power Station-Sardar Sarovar for 5th Semester students.
9. Sardar Patel Renewable Energy Research Institute (SPRERI) for 4th Semester students.
10. Electric Loco Shed, Vadodara for 8th Semester students.

FACULTY MEMBERS

Sr. No	Name	Designation	Qualifications
1	Prof. Smita Kanitkar	Head & Professor	M.E.
2	Col. V. I. Trivedi	Professor	M.Tech
3	Dr. R. B. Kelkar	Professor	Ph.D
4	Mr. Parth Sandesara	Assistant professor	M.E.
5	Ms. Madhvi Kavaiya	Assistant Professor	M.Tech.
6	Ms. Avipsa Dey	Assistant Professor	M.E.
7	Ms. Vishva Pandya	Assistant Professor	M.E.
8	Ms. Dipti Chaudhary	Assistant Professor	M.Tech
9	Mr. Sunil Malival	Assistant Professor	M.E.
10	Ms. Grishma Shah	Assistant Professor	M.Tech
11	Ms. Prathyusha Bhattu	Assistant Professor	M.Tech
12	Ms. Sneha Patel	Assistant Professor	M.Tech
13	Mr. Hardik Rupareliya	Assistant Professor	M.E.
14	Mr. Gaurang Mehta	Assistant Professor	M.Tech
15	Mr. Vishal Ramnani	Assistant Professor	M.Tech
16	Mr. Rishabh Shah	Assistant Professor	M.E.



Department of Electronics & Communication

ABOUT THE COURSE

Electronics & Communication Engineering is an engineering discipline which uses scientific knowledge of behavior and effects of electrons to develop components, devices, systems & equipments that use electricity as a part of driving force. The ongoing bewildering transformation of quality of our lives is due to recent phenomenal growth in electronics, communication technology and technological convergence. Many a super – smart electronics gizmos are hitting the market everyday which hitherto used to appear in science fiction alone. Smaller and more complex electronic devices are replacing the bigger ones. Thus, as never before, a situation has arisen where a strong scientific manpower with technical background is needed to meet the growing challenges in the field of electronics for its research, development and applications. To achieve this, our energies are directed towards blending a sound understanding of fundamental science, engineering and technological aspects of electronics. A communication engineer is responsible for designing and overseeing the installation of telecommunications equipment and facilities, such as complex electronic switching systems, copper wire telephone facilities, and fiber optics. Telecommunication engineering



also overlaps heavily with broadcast engineering. Emerging areas in Electronics are in the fields of VLSI, Embedded Systems, Antenna and microwave, Communication systems to mention a few. Electronics & Communication Engineering gives insight with practical knowledge in all these fields.

1. LABORATORY FACILITIES

- **BASIC ELECTRONICS LAB** - The laboratory is equipped with apparatus which helps students to perform the basic experiments in electronics. The lab also facilitates students in pursuing projects in electronics. The lab has CROs, multimeters and other measurement devices.
- **VLSI & DSP LAB** - This lab includes advanced FPGA kits with PCs. We have various simulation soft-wares by which students can design various advance circuits at micro level.
- **COMMUNICATION LAB** - The students learn to implement the modulation schemes using hardware as well as other communication related experiments.
- **OPTICAL & MICROWAVE LAB** - This lab provides opportunities for undergraduates to implement their innovative ideas in the field of optical networks. The microwave laboratory helps students to gain insight into the field of RF and microwaves.
- **MICROPROCESSOR & MICROCONTROLLER LABORATORY** - This laboratory course offered for the fourth semester ECE students is well equipped with Microcontroller trainer kits ARM boards, POWER PC Reference board, EEPROM Module Universal Programmer/ Eraser. Students are exposed to CAD tools like emu8086, Keil Software development tools for the 8051 microcontroller providing

the development environment for PROTEUS VSM, the revolutionary interactive system level simulator

2. ACHIEVEMENTS

a. Faculties

- **Prof. Lalit Patel** has been selected in top 16 from the pool of 1500 faculty members across the state for Industrial Shodh-Yatra 2015 for Final year projects with Design Engineering concepts.
- **Prof. Lalit Patel** attended two workshops at GTU on Design Engineering 1A and 1B.
- **Prof. Rahul Patel, Prof. Ajila Paul, Prof. Shreeji Sheth & Prof. Pritesh Kukadia** had attended 2 day workshop on Robotics organized by IIT, Bombay at IIT-RAM, Ahmedabad dated 20th & 21st February 2015.
- **Prof. Shreeji S. Sheth, Prof. Pankaj Kr. Gupta, Prof. J.K.Hota,** presented a paper entitled “Modeling and Simulation of Monopulse Antenna Tracking Using Stepper Motor as Actuator”, in International Conference on Engineering (NUICONE, 2013) at Nirma University and is now available at 978-1-4799-0727-4/13©2013 IEEE
- **Prof. Ajila Paul** published a paper on “UWB Modulation Scheme SC-CFDMA for Multi user Communications” in “International Journal of Advance Computational Engineering and Networking(IJACEN)” Volume-2, Issue-2, ISSN:2320-2106
- **Prof. Kushal Patel** has published international paper on “SOC Interconnect Verification Challenge” in IJRCEE-2014, ISSN: 2319-376x.
- **Prof. Harsh O. Joshi** published a paper on “IEEE 802.15.4 Use as a Low Rate Wireless Personal Area Network” in “International Journal of Engineering Development and Research (IJEDR)”.

b. Students

- **Shivam Chauhan**, student of EC Dept. has designed and installed “Automatic Bell System” in ITM Universe, Vadodara under the guidance of Asst. Prof. Rahul Patel.
- **Palak Patel, Krishna Patel, & Nirali Raj** of EC Dept has presented a paper on “Automatic Food Ordering System” under the guidance of Asst. Prof. Lalit Patel in the RTEECE-2015, jointly organized by EE and EC Dept on 17th & 18th April, 2015.

c. Students’ Placements

EC-7

Desai Sagar Samir

Westline Shipping Company

Thushara Joseph

Matrix Telecom & Comsec

Shah Chaitali Kaushikkumar

E-INTELLIGENCE

Pillai Deepak Gopal

E-INTELLIGENCE

Doshi Jay Nalinkumar

E-INTELLIGENCE

Bharatiya Jigar Pramthesh

E-INTELLIGENCE

Doshi Jay Nalinkumar

COLLABERA

Mehta Nikhil Virendrabhai

COLLABERA

3. DEPARTMENTAL ACTIVITIES & PROGRAMS

a. Conference/Workshop Organized

- Two-day National Conference on “Recent Trends in Electrical and Electronics & Communication Engineering-2014(RTEECE-2014)” has been jointly organized by EE and EC Dept on 17th & 18th January, 2014.

- Department of Electronics & Communication has organized a two day workshop on Embedded Systems based on MSPEXP430G2 (16 bit) on 16th -17th January 2015.
- Two-day National Conference on “Recent Trends in Electrical and Electronics & Communication Engineering-2015 (RTEECE-2015)” has been jointly organized by EE and EC Dept on 17th & 18th April 2015.

b. Industrial Visits

- Student of Final and Pre final year had visited “Modern Communication & Broadcast Systems Pvt. Ltd”, Gandhinagar on 23rd March, 2015.
- Students of Pre final year had also visited “BISAG, Gandhinagar” on 13th October, 2014.

c. Augmentation Training

Class: EC-5th sem

Training Module: Embedded Basic Systems

Date: 26th Aug 2013- 2nd Sept 2013

Class: EC-6th sem

Training Module: MatLab & Simulink

Date: 20th Jan 2014- 30th Jan 2014

Class: EC-7th sem

Training Module: ARM

Date: 24th Jun 2014-3rd July -2014

FACULTY MEMBERS

Sr. No	Name	Designation	Qualifications
1.	Prof. S. M. Joshi	Prof Emeritus	M.S.
2.	Col. V. I. Trivedi	Head	M.Tech
3.	Mr. Lalit Patel	Assistant Professor & A. HoD	M.Tech
4.	Mr. Rahul Patel	Assistant Professor	M.Tech
5.	Ms. Rushali Jadhav	Assistant Professor	M.E.
6.	Mr. Kushal Patel	Assistant Professor	M.E.
7.	Mr. Hiren Dhuda	Assistant Professor	M.E.
8.	Mr. Harsh Joshi	Assistant Professor	M.E.
9.	Ms. Shreeji Sheth	Assistant Professor	M.E.
10.	Ms. Ajila Paul	Assistant Professor	M.Tech
11.	Mr. Pritesh Kukadia	Assistant Professor	M.E.
12.	Mr. Hitendra Joshi	Assistant Professor	M.E.
13.	Mr. Sandip Shah	Lecturer	B.E
14.	Ms. Dipal Prajapati	Lecturer/Lab In-charge	B.E
15.	Ms. Sweta Amin	Lecturer/Lab In-charge	M.E
16.	Mr. Kuldeep Patel	Lab In-charge	B.E





Department of Civil Engineering

ABOUT THE COURSE

We strive to shape the upcoming generation in the field of Civil Engineering to meet the global demand of sustainable development in infrastructure. We believe that infrastructure development and the natural environment must be viewed in a synergic way. The department with its highly qualified faculties and high quality laboratory instruments can provide a great opportunity for young minds to take up challenges of construction. The department offers the consultancy services in material testing, structural design, environmental audit and surveying. The department is also involved in a research funded by DST (Govt. of India) based on "Nano-technology & its Application in Civil Engineering."

The department of Civil Engineering with its multifaceted faculty continues to maintain and cultivate its strong links with the infrastructural industry and academics which is the key reason for organizing various events like seminars, symposiums, conferences and expert talks in the department time-to-time.



1. LABORATORY FACILITIES

The laboratories of the department are well equipped with latest and sophisticated equipments. The laboratories are:

- Mechanics of Solid
- Elements of Civil Engineering
- Concrete Technology
- Fluid Mechanics
- Surveying
- Highway Engineering
- Geotechnical Engineering
- Environmental Engineering
- Earthquake Engineering
- Engineering Geology

The laboratories possess computing facility along with the relevant software. That is required to plan and design the civil engineering structures.

2. ACHIEVEMENTS

a. Faculties

- Dr. Santosh G. Shah has been awarded a research grant of Rs. 11.16 lacs from DST (Govt. of India) for the research project: **“Nano-modification of Conventional Concrete”**, under FAST TRACK scheme for Young Scientists, in August, 2012.
- Dr. Santosh G. Shah delivered an expert talk on **“Application of Nano-technology in Eco-friendly construction”**, at one Day workshop on Innovations in Eco-friendly Construction, on 23rd February 2012, at ITM Universe, Vadodara.
- Dr. Santosh G. Shah delivered an expert talk on **“Application of Acoustic Emission for Structural Health Monitoring”**, at a one day workshop on Advanced Structural Health Monitoring; Check the Pulse of the Structure, on 7th July, 2012, ITM Universe, Vadodara.
- Dr. Santosh G. Shah delivered an

expert talk on **“Introduction to Nano-technology & its Applications”**, at one day workshop on Advances in Nanotechnology & Solar Energy, on 11 May 2013, ITM Universe, Vadodara.

- Dr. Santosh G. Shah delivered an expert talk on **“Application of Nano-technology for Sustainable Construction”** at two Days National Seminar on “Nanotechnology & Sustainability in Concrete” on 7 – 8 February, 2014 at ITM Universe, Vadodara.
- Dr. Santosh G. Shah delivered an expert talk on **“How Nanotechnology will change your Life?”** at 2nd National Seminar on “Nanotechnology: New Materials & Applications”, at ITM Universe, Vadodara on 10 – 11 April, 2015.
- Dr. Santosh G. Shah published on **“Geotechnics & Applied Geology”**, Books India Publication, Ahmedabad.
- Dr. Santosh G. Shah was awarded a Travelling grant from Department of Science & Technology (DST) for attending an International Conference as **Young Scientist: FraMCoS – 8** at Toledo - SPAIN in March 2013.
- Dr. Santosh G. Shah was invited as Session Chair at Saffrony Institute of Technology, International Conference on **Advances in Engineering**, 22-23 January 2015
- Dr. Santosh G. Shah presented a paper on **“Application of Micro-Indentation for Micro-Mechanical Properties of Concrete – Concrete Interfaces”**, at R N Raikar Memorial International Conference & Mr. Suru Shah Symposium, 20-21 December 2013, Hotel Hyaat Regency, Mumbai.
- Dr. Santosh G. Shah presented a paper on **“Effect of Nano – SiO₂ on Self Compacting Concrete”**, at Structural Engineering Convention (SEC – 2014), December 22nd - 24th, 2014, Indian Institute of Technology, Delhi.
- Dr. Santosh G. Shah, Parth Parikh, Harshvardhan Mehta, Vishal Trivedi, & Charvi Shah, published a joint paper on **“A study on effect of curing condition & molarity concentration on Geo-polymer Concrete”** in Indian Journal of Applied Research, Volume – 5, Issue – 1, pp: 60-63, ISSN: 2249-555X, January 2015.
- Dr. Santosh G. Shah, Swadia Arpit, Bavawala Paryant, Sujal Patel, & Hiten Mehta, the students of semester 8, presented a poster on: **“Development of Bendable Concrete (ECC)”** at International Symposium on Reducing Earthquake Losses and Advances in Earthquake science (AES) 2015, at ISR Auditorium, Gandhinagar, 5 – 7 January 2015.
- Dr. Santosh G. Shah & Niket R. Shah have submitted a paper on **“Nano-modification of Conventional Concrete”**, UKIERI Concrete Congress Concrete Research Driving Profit and Sustainability, 2 - 5 November 2015, Dr B R Ambedkar National Institute of Technology Jalandhar – 144 011 Punjab. (Abstract selected).
- Dr. Komal P. Mehta fetched a seminar grant of Rs. 50,000/- from Gujarat Council of Science & Technology (GUJCOST) for the workshop: **“Innovations in Eco Friendly Construction”**, February, 2012.
- Dr. Komal P. Mehta participated in faculty development programme in one week instructional workshop for **MATLAB** at The M. S. University of Baroda, Vadodara from 7th -11th January, 2015.
- Dr. Komal P. Mehta received certificate for successful completion of 6 week online course on DART. ENVS.01 with 82 % in March, 2015.
- Dr. Komal P. Mehta published a research paper in International Journal Of Environmental Research And Development, ISSN 0973-6921 Impact factor 1.28 in March ,2014

The title of the paper is **“Reverse Osmosis Design with Hydranautics Design Software for Industrial Waste Water Reuse”**.

- Mr. Niket R. Shah presented a paper on **“Public Transport Demand Elasticity in Ahmedabad, India”** at International Forum on Shipping, Ports and Airports- Sustainable Development in Shipping and Transport Logistics (IFSPA) 2014, The Hong Kong Polytechnic University, Hong Kong, May 2014.
- Mr. Niket R. Shah presented a paper on **“Review on National Urban Sanitation Policy”** at National Conference on Sustainable and Smart Cities at SVNIT, Surat on 10th and 11th April 2015.
- Ms. Anjali Kale, Department of Civil Engineering got Gold Medal for her academic excellence from GICEA (Gujarat Institute for Civil Engineering and Architects) on 28 January, 2015.
- Ms. Pooja J. Bhojani, Department of Civil Engineering got Gold Medal for her academic excellence from GICEA (Gujarat Institute for Civil Engineering and Architects) on 28 January, 2015.
- Ms. Pooja J. Bhojani presented a paper on **“Thermal Conductivity of Various Types of Soil”** in 5th Indian Young Geotechnical Engineers conference” in March 2015.
- Ms. Vaishali Madhwani presented a paper on **“Assessment of Seismic Liquefaction using ANN & MLR” in 5th Indian Young Geotechnical Engineers conference”** in March 2015.
- Milan Mendpara from 6th semester bagged 1st prize in Micro Robowar competition in science zone 2015 held at C.G. Patel Institute of Technology, Bardoli.
- Meet Patel, Meet Shah, Pankil Shah, Jay Patel, from 4th semester stood first for Robo Soccer at DDU, Nadiad on 11 March 2015 & also got a cash prize of Rs. 3000/-.
- Tailor Kashyap from 8th semester was winner of All India Volleyball tournament at Veer Shivaji University, Kolapur.
- Vishal Trivedi, Harshwardhan Mehta, Charvi Shah, Parth Parikh received 2nd prize on 23rd January, 2015 for presenting a paper entitled **“A Study of Effect of Carving Condition & Molarity Concentration on Geo-Polymer Concern”** at 1st International Conference on Advance in Engineering (SITICAE-2015) organized by SPB Patel Engineering College & Saffrony Institute of Technology.
- Research Paper in National level conference on **“Recent Research and Development in Core Discipline of Engineering”** is accepted in 2015. Title- **“A case Study of Vadodara City - Solid Waste Collection and Disposal Mathematical Optimization by Graph Theory.”** by Harsh Gandhi, Parmar Hiren & Dr. Komal Mehta.
- Parth Gajera, student of 6th Semester published a paper: **“To Reduce the Pollution from the Earth which is Exhausted by Vehicles”**, in International Journal of Engineering Research and Applications, Volume – 5, Issue – 3 (part 4), March 2015, pp: 06-11. ISSN: 2248-9622.

b. Students

- Yash Patel, Hiren Kachhot, Ravi Andani, & Milan Mendpara from 6th semester bagged 1st prize in Bridge-O-Build competition in science zone 2015 held at C.G. Patel Institute of Technology, Bardoli.

14 February 2015, at ITM Universe, Vadodara.

- Yash Patel, Parth Gajera, Ravi Andani, & Milan Mendpara from 6th semester bagged 2nd prize in **“Cube Construction”** competition in Science Zone 2015 in Navrachna University.
- Yash Patel, Parth Gajera, Ravi Andani, & Milan Mendpara from 6th semester bagged 2nd prize in **“Sisemo”** competition in Changa University.
- Maulik Shah from 6th Semester bagged 2nd position in **“Footprints-15”** competition in Rain Water Harvesting System 2015 at MSU, Vadodara.
- Maulik Shah from 6th Semester bagged 3rd position in **“GTU Techfest”** competition in Estude de case, 27-28 March, 2015 at L. D. Engineering College, Ahmedabad.
- Maulik Shah, Rutvik Karkhanis & Rushi Thakkar from 6th Semester had participated in **“Make your Way”** competition at GTU Techfest which was held at L.D. engineering College, Ahmedabad, 27-28 March, 2015.
- Rutvik Karkhanis & Rushi Thakkar from 6th Semester had participated in **“URBANISTA”** competition at GTU Techfest which was held at L.D. engineering College, Ahmedabad, 27-28 March, 2015.
- Rushi Thakkar from 6th Semester had participated in **“SYMPOSIUM”** competition at GTU Techfest which was held at L.D. engineering College, Ahmedabad, 27-28 March, 2015.

3. DEPARTMENTAL ACTIVITIES & PROGRAMS

a. Workshop

- One day workshop on **“Innovations in Eco-friendly Construction”** on 23rd February 2012.
- One day workshop on **“Check the pulse of the structure”**, on 7th July

2013. Prof. J. M. Chandra Kishen from IISc – Bangalore was the Chief Guest of the event.

- One day workshop on “Total Station: Hands on practice” on 23rd February, 2012.

b. Seminars

- Two days national Seminar on “Nanotechnology and Sustainability in Construction” on 7 – 8 February, 2014.
- Dr. D. O. Shah (Professor Emeritus, University of Florida, USA) was the Chief Guest of the event.
- Prof. J. M. Chandra Kishen (IISc – Bangalore), Dr. Abhijit Mukherjee (IIT Gandhinagar), Dr. D. O. Shah (University of Florida USA), Dr. Prakash Mehta (President Zydex), Dr. Rajul Gajjar (Dean, GTU), Dr. Santosh G. Shah (Dean R & D - ITM) delivered an expert talk in the seminar.
- 2nd Two days national Seminar on “Nanotechnology: New Materials & Applications” on 10 – 11 April, 2015.
- Dr. Alok Kumar Sinha (Scientist – E, Nano Mission, Government of India) was the Chief Guest of the event.
- Dr. Alok Kumar Sinha (Nano Mission – GOI), Dr. Gadadhar Reddy (CEO, NoPo Nanotechnologies India Pvt. Ltd.), Dr. T. Theivasanthi (Kalasalingam University), Dr. Nitin S. Kale (Nanosniff Tech. Pvt. Ltd), Dr. C. V. Dharmadhikari (IISER – Pune), Dr. Nidhi Maheshwari (Manager, IITB MEMS Prototyping Facility), Dr. Anukul Rajoriya, IIT, Bombay, Dr. Santosh G. Shah (Dean R & D - ITM) delivered an expert talk in the seminar

c. Augmentation Lectures

- Applied Fluid Mechanics, by Dr. N. Shrimali, The M. S. University Baroda, Vadodara.
- Post Tensioned Concrete, by Mr. Arun Sankhat, Manager – Technical, Post

Tensioning India, Ltd.

- Water & Waste Water Treatments, by Shri B. R. Naidu, CPCB, Vadodara
- Earthquake Engineering, by Dr. J. M. Chandra Kishen, Indian Institute of Science, Bangalore

d. Industrial Visits

- Narmada Dam, for Semester V students for subject: Water Resources Engineering in August 2013.
- Atladara Sewage Treatment Plant, Vadodara, for Semester VI students for subject: Water & waste water engineering in March 2014.

- Narmada Dam, for Semester V students for subject: Water Resources Engineering in July 2014.
- GIFT City and Mahatma Mandir, for Semester IV students for the subject: Concrete Technology & Building Construction, in February 2015.
- Panam Dam & Mahi Aquaduct on Narmada main canal, for Semester VIII students for subject: Design of Hydraulic Structures in March 2015.
- Atladara Sewage Treatment Plant and Nimeta water Treatment Plant, Vadodara, for Semester VI students for subject: Water & waste water engineering in April 2015.

FACULTY MEMBERS

Sr. No	Name	Designation	Qualifications
1.	Dr. Santosh G. Shah	Dean (R & D), Professor & HoD	Ph.D.
2.	Dr. T. L. Papat	Professor	Ph.D.
3.	Dr. Ganpathi Shankar	Professor	Ph.D.
4.	Dr. Komal P. Mehta	Associate Professor	Ph.D.
5.	Mr. Suresh C. Jain	Associate Professor	M.E.
6.	Mr. R. A. Katwala	Assistant Professor	M.E.
7.	Mr. Juned Bhojawala	Assistant Professor	M.E.
8.	Ms. Pooja Bhojani	Assistant Professor	M.E.
9.	Mr. Ajaysinh Vaghela	Assistant Professor	M.E.
10.	Ms. Priyanka Gandhi	Assistant Professor	M.E.
11.	Ms. Vaishali Madhawani	Assistant Professor	M.E.
12.	Ms. Anjali Kale	Assistant Professor	M.E.
13.	Ms. Kinjal Kanodia	Assistant Professor	M.E.
14.	Mr. H. M. Shah	Assistant Professor	M.E.
15.	Mr. A. R. Shah	Assistant Professor	M.E.
16.	Mr. Sarang Pethe	Assistant Professor	M.E.
17.	Mr. Mohammed Jinyawala	Assistant Professor	M.E.
18.	Mr. Rajesh Sagar	Assistant Professor	M.E.
19.	Mr. B. N. Dudhreija	Lecturer	B.E.

Department of Computer Science & Engg.

ABOUT THE COURSE

The Computer Science and Engineering major gives students access to multidisciplinary problems with a focus on total systems engineering. Students will learn the computer science principles that are critical to development of software, hardware and networking of computer systems. From that background, engineering concepts and methods are added to give students exposure to circuit design & network design. Elements of engineering practice include the systems view, manufacturing and economic issues, and multi-disciplinary engineering applications. This program is designed to provide students with the fundamentals of computer science, both hardware and software, and the application of engineering concepts, techniques and methods to both computer systems engineering and software system design.

Emerging areas of computer Sc. & engineering are big data, Cyber security Initiative , Internet of Things (IoT), Rebooting Computing , Smart Cities, Software Defined Networks (SDN), and Cloud Computing.

The Department of Computer Science and Engineering was established in ITM Universe, in 2011, with the objective of imparting quality education in Computer



Science field. The Department offers B.E. in Computer Science & Engineering & M.E. in Computer Engineering (Software Engineering) degrees. The present intake is 120 students per year in BE & 24 students per year in ME course. With rapidly evolving technology and the continuous need for innovation the department targets at producing quality professionals, holding important positions in Information Technology in India and overseas. The curriculum of the Computer Science covers all the software and related hardware part of computing.

Department of Computer Science & Engineering has started a Center of Excellence in Big Data to promote research in institute. Big Data CoE is a hub for faculty & students and industry people to connect share and learn about the latest developments in Big Data.

1. LABORATORY FACILITIES

The Department has all the latest technologies of hardware and software with excellent computing facilities for advanced programming, Software development, Networking, Multimedia and Hardware Technologies. It also has latest audio-visual teaching aids including LCD multimedia projectors and PA systems in all the laboratories. The laboratories are equipped with latest hardware and software with 7 Mbps leased line, fiber optic connectivity to hostel with round the clock Wi-Fi network.

- Programming Laboratory
- Computer Hall
- Database Management System Laboratory
- Information Security Laboratory
- Operating System Design Laboratory
- Computer Graphics & Multimedia Laboratory
- Data & File structure Laboratory
- Soft computing Laboratory
- ME Laboratory

The departmental laboratories have Licensed System Software which includes Windows XP, Windows 2003, Windows 2007, and Windows 2008. The Licensed Application Software includes MS Office, MS Visual Studio, MS SQL Server, and MSDN. The Department encourages the use of Open Source Software and Technology.

2. ACHIEVEMENTS

a. Faculties

- Prof. Pradeep Laxkar published a book "Cloud Computing: The Future of Technology" by LAP: Lambert Academic Publishing ISBN-10: 3659193879, ISBN-13: 978-3659193873.
- Prof. Pradeep Laxkar & Darshan Bodawala published a paper "Double Authentication in ATM Machine to Prevent Fake ATM Machine Fraud" in International Journal of Scientific & Engineering Research, Volume 5, Issue 7, July-2014, ISSN 2229-5518.
- Prof. Archana Magare published a paper "Improved Membership Function for Multiclass Clustering with Fuzzy Rule Based Clustering Approach", International Journal of Emerging Trends & Technology in Computer Science (IJETTCS), ISSN 2278-6856, Volume 3, Issue 5, pp.61-68, September-October 2014.
- Prof. Bhargavi Singh presented a paper "Survey on energy efficient by selective forwarding in WSN" in National Conference on Advanced Computer Networking-NCACN 2015 organized by the Department of Computer Engineering SKN Singhad Institute of Technology & Science, Lonavala, Pune and sponsored by BCUD, Savitribai Phule Pune University, Pune and was held during February 17-18, 2015 at Pune, India.
- Prof. Nikul Jayswal presented a paper "Deployment and Use of

Darknet on Private Network" in 2nd International Conference on "VLSI, Communication and Networks (VCAN-2015)" organized by the Institute of Engineering & Technology, Alwar and sponsored IEEE, CSE & ISTE and was held during April 18-19, 2015 at Alwar, India.

- Prof. Anuj Kumar Jain presented a paper "Study of Different Types of Distributed File System" in 2nd International Conference on "VLSI, Communication and Networks (VCAN-2015)" organized by the Institute of Engineering & Technology, Alwar and sponsored IEEE, CSE & ISTE and was held during April 18-19, 2015 at Alwar, India.
- A report regarding efforts put in by students from various departments of all degree engineering colleges affiliated to GTU in PSAR (Patent Search and Analysis Report) activity during academic year 2014-15 has ranked Department of Computer Science and Engineering in the Third position.

b. Students

- Darshan Bodawala, from 4th Year and Sagar Patel from 3rd Year have secured Second position during the IT festival "Cyberia-Unleak the Geek within" at the M. S. University of Baroda, Vadodara.
- Mr. Dhaivat Parikh and Vraj Agrawal, from 4th semester, presented innovative ideas, at Spark-Up Idea Fund Program-I create and they were runners up in the same.
- Sagar Patel from 3rd year participated in Google Online Marketing Lab (OML) from 18th -21st December 2014 at SP Jain Institute of Management & Research, Mumbai. He was also certified as Google partner & Adwords specialization.
- Rushi Surti student of CSE has

secured 2nd rank in GTU, CSE branch for 7th semester result.

- Ms. Krupa Parmar, student of CSE 2nd year participated in the Fat and Furious & Death Protocol categories and secured 5th rank in "PRAKASH", an event held at SVIT, Vasad, during the academic year 2014-15.
- Soumini Suresh, a student of CSE 2nd year, ranked second in the GTU Youth Fest-Zonal for the classical dance competition. She secured First position in the GTU Cross Country 6 kilometer running. She is also the Gold medalist in the GTU Athletics for 200m and 5000m running. She has also participated in the Nationals Cross Country that was held in Kerala and Mangalore this year.
- Ms. Anushi Sharma student of CSE 2nd year secured Third position for 6 km running in the National Cross Country held at Kerala.
- Aishwary Shah and Jay Shah, students of CSE 3rd year, are members of a band "Hairat". The band's video uploaded at YouTube has a huge fan following of around 40,000. The band was invited as guest performers in "BITS Pilani (Goa Campus)" for its main event. The tour continued with performances at SVNIT, Surat for its main event.
- Aman Bahukhandi, student of CSE 3rd year won the Gold Medal in table tennis in National Level Tech Fest ILLUMINATI 2015.
- Pooja Bhatt, Prima Parikh, Ritu Shah, Dulari Pandya & Shruti Menon the "Dancing Angels" group secured First position in the dance event in National Level Tech Fest ILLUMINATI 2015.
- Chirag Budhrani & Abhishek Bramhbhat, the "Dance Dynamics" group secured First position in the dance event in National Level Tech Fest ILLUMINATI 2015.

- Mr. Aishwary Shah CSE 3rd year won Gold medal in solo singing event in National Level Tech Fest ILLUMINATI 2015.
- Mr. Vicky Dwivedi, Mr. Sagar Patel & Mr. Gokul Pillai, students of 4th semester, ranked first in the Main Quiz competition, ILLUMINATI 2015.
- Ms. Shruti Menon, a student of 4th semester won Gold medal in the Classical Solo dance in National Level Tech Fest ILLUMINATI 2015.

3. DEPARTMENTAL ACTIVITIES & PROGRAMS

The department conducted various workshops, conferences & expert lectures for quenching the thirst of knowledge among students which are as under:

a. Workshops

- One day workshop on "Libreoffice" was organized by CSE department on 23rd March 2015. The workshop was conducted with the help of IIT, Bombay Spoken Tutorial. Total 155 students participated in this workshop.

b. Expert Lectures

1. "Imaging Techniques for Cementitious materials"- Prof. J. M. Chandra Kishen (Indian Institute of Science, Bangalore) dated 02nd July, 2014.
2. "Job opportunities in IT sector and the kind of preparation required to match the expectations of IT companies"- Mr. Umang Shah (Advisor, Infostretch, Ahmedabad) dated 13th October, 2014.
3. "Job opportunities in Designing & UX"- Mr. Tanmat Jyot (Interaction Designer, Flipkart, Bangalore) dated 15th October, 2014.
4. "Role of Innovation & Innovative projects for Great Carrier

opportunities"- Mr. Maulik Bhansali (President, GESIA, Vadodara) dated 19th July, 2014.

5. "Introducing JAVA 8" - Mr. Pravin Jain (CEO, the Class of JAVA Vadodara) dated 26th July, 2014.
6. "Introduction to R Programming" – Prof. H.B. Dave (Senior Consultant, eInfoChips, Ahmedabad) dated 27 February, 2015.
7. "R Programming" – Dr. S.K. Vij, (Dean Academics, ITM Universe, Vadodara) dated 14 March, 2015.

c. Industrial Visits

- One day industrial visit was on September 3, 2014 for CSE – V Semester students at Data Recovery & Disaster Control (DRDC) section of ONGC Makarpura. This industrial visit was carried over by 17 Students and 01 faculty member. Mr. Sunil Khatri from ONGC gave detail information about SAP implementation of ONGC. In his presentation detail architecture and techniques of Data Recovery & Disaster Control were discussed.





One day industrial visit was organized on October 13, 2014 for CSE – VII Semester students at Tata Consultancy Services (TCS), Gandhinagar. This industrial visit was carried over by 22 Students and 01 faculty member. This session was taken by Ms.Khanjan Patel (Project Lead). This was one of the most productive and important session, Industrial Approach for Project Management and its lifecycle was very well explained by expert. Final year project development phase of our students was compared with industry based project life cycle. Ms. Khanjan explained about importance of SRS and different issues related to it, such as Business Process Reengineering, Domain Understanding, Best Practices, Reusability, Industry Standards.



FACULTY MEMBERS

Sr. No	Name	Designation	Qualifications
1.	Mr. Pradeep Laxkar	Assistant Professor & HOD	M.Tech.Ph.D Pursuing
2.	Dr. Nidhi Arora	Associate Professor	Ph.D
3.	Mrs. Madonna Lamin	Assistant Professor & AHOD	M.E.
4.	Mrs. Padmavathi Bindulal	Assistant Professor	M.Tech
5.	Mrs. Shweta Agravatt	Assistant Professor	M.Tech
6.	Mrs. Archana Magare	Assistant Professor	M.E.
7.	Mr. Gaurav Kulkarni	Assistant Professor	M.Tech
8.	Mr. Anuj Kumar Jain	Assistant Professor	M.Tech.Ph.D Pursuing
9.	Mr. Mukul Prasad	Assistant Professor	M.Tech
10.	Mr. Nikul Jayswal	Assistant Professor	M.E.
11.	Ms. Kavita Tewani	Assistant Professor	M.Tech
12.	Ms. Twinkle Patel	Assistant Professor	M.Tech
13.	Ms. Bhargavi Singh	Assistant Professor	M.Tech

Department of Applied Sciences & Humanities

ABOUT THE COURSE

All streams of engineering are supported by the Department of APPLIED SCIENCES AND HUMANITIES as prescribed by curricula of studies. The Department is a combination of four different academic courses, which are Communication Skills, Mathematics, Physics, and Environment Science. All the departments have fully equipped laboratories and well qualified faculties. The Department of humanities projects humane face of technology that aims to infuse in the students a sense of conscientiousness.

a. Communication Skills

A course in communication skills is one such example of our efforts to foster self confidence in our students. The course aims to develop a level of competence in Professional Language which is required for independent and effective communication for academic, professional and social needs. A thorough professional training is given to BE students as per the university Curriculum, as far as English communication is concerned. The department provides training in areas of presentation skills, interpersonal skills, group discussion,



interview skills and other forms of oral and written communication. Apart from this, the department also trains students in soft skills and etiquettes. The syllabus of written communication includes technical writings - formal letters, curriculum vitae, technical reports, technical proposals, and technical description. Listening skills and other functional aspects are also taken care of. Teaching of grammar takes place for understanding of structure and vocabulary so that students can perform better in competitive and entrance examinations. This helps in the overall development of the students.

b. Environmental Science

Environment Science aims to create ability among students to understand their social and ethical responsibilities towards nature and society. The main aim of the department is to promote sustainable development among students by imparting fundamental facets of environmental science. The knowledge of environmental science helps students to analyze various environmental systems and the effects of human activities on those systems. It also makes students understand the importance of maintaining ecological balance by providing basic knowledge of environmental systems and their processes.

c. Mathematics

A sound knowledge of mathematical tools makes a technocrat excel in his/her position. Mathematics is an important tool used in various branches of technology, science and engineering. There are many practical applications of Mathematics in various fields – in the research and development, in industries, in medical, scientific and technological world. The Department of Mathematics seeks to educate students as a whole by developing their thinking skills and reasoning which is inherent in the exploration of quantitative analysis. We strive to make students understand,

appreciate and gain mathematical skills and develop logic. We are committed to encourage our faculty to peruse scholarly inquiry, research activities and to be involved in community engagement.

d. Physics

The primary goal of the course of Physics is to bridge the gap between theoretical science and practical engineering with emphasis in research and development, design, and analysis. It is the discipline devoted to creating and optimizing engineering solutions through enhanced understanding and integrated application of mathematical, scientific, statistical, and engineering principles.

1. LABORATORY FACILITIES

- A new digital Noam Chomsky Language laboratory equipped with 36 computers, 36 effective headphones supported by Globerena software will certainly provide ample opportunities to the students in improving their communication skills so that they can face the challenges of national and international competitive job markets.
- The Department of Physics has a well equipped lab to impart quality practical education to the under graduate engineering students. The experiments related to fiber optics and photovoltaic cell provide in depth understanding of phenomenon of internal reflection and photo electric effects which are basics of optical communication. The experiments of spectrometer, band energy gap and Hall Effect are available to study electrical and magnetic properties of the materials. The topics of the syllabus like Architectural Acoustics, Ultrasonic, Lasers, Semiconductors, NDT, Superconductivity and new engineering materials have wide applications in the field of material nanotechnology and in detecting

defects in the materials.

- Mathematics faculties use Tim Burners Lee laboratory to provide the basic computer platform for the mathematical programming. The lab is equipped with more than 56 systems which are equipped with internet facilities and relevant software installed for the given curricula.

2. ACHIEVEMENTS

a. Faculties

- Mrs Himani Pandey, Head of the Department has got the Best Teacher Award on 5th September 2013.
- Mr. Naresh Patel, Subject Coordinator of Physics got the Best Teacher Award on 5th September 2013.
- Ms. Komal Patel Subject Coordinator of Mathematics was felicitated with the Best Teacher Award for her brilliant academic services at ITM Universe, Vadodara in the academic year 2014-15.
- Mr. Mumukshu Trivedi (Mathematics) has got 2 Gold Medals for Master of Science.
- Ms. Preeti Nayar (Communication Skills) has got the Gold Medal for Master of Arts, Literature and has got the Award of Excellence for M Phil.
- Dr. Asmi D Patel got her Doctoral degree on 25th July 2014.
- Dr. Digant Chauhan has been awarded the PhD Degree in June 2015.
- Dr. Digant Chauhan and Mr. Javed Khatri jointly published a paper entitled "Role of the Teacher in English Language Classroom" in Journal of Humanities (September-October 2014). ISSN: 2279-0233.
- Dr. Hemraj Patel of Physical Education has been awarded the PhD Degree in September 2014.

- Dr. Hemraj Patel guided and prepared 104 students from ITM Universe, Vadodara for various games at Zonal and Inter-Zonal levels. Under his guidance ITM Universe Football & Badminton team was the Champion in the GTU tournament 2014 in V.V Nagar zone.
- Mr. Javed Khatri published a book entitled “Introduction to Communication Skills”, ISBN: 978-93-83058-74-7.
- Mr. Javed Khatri published an article entitled “The Digital Bride” in Farbes Gujarati Sabha: Aanganu and Aakash. ISSN: 0559-9253.
- Mr. Javed Khatri delivered two lectures on “Cinematic Adaptation of Literature: With a Special Reference to Shakespeare’s Macbeth” at N S Patel Arts College, Anand on 2nd February 2015.

b. Students

The following students have achieved the position under the guidance of Dr. Hemraj D. Patel at various Zonal, Inter-zonal levels.

Sr.No	Name	Representing University	Event	Position	Year	Dept.
1	Soumini Suresh	ITM Universe	5000.mtr running	1st (Gold)	2015	CSE
2	Soumini Suresh	ITM Universe	200.mtr running	1st (Gold)	2015	CSE
3	Yash Shah	ITM Universe	Triple jump	1st (Gold)	2015	CIVIL
4	Shubham Rajput	ITM Universe	Javelin Throw	1st (Gold)	2015	CIVIL
5	Shubham Rajput	ITM Universe	100.mtr Hurdles	1st (Gold)	2015	CIVIL
6	Pruth Patel	ITM Universe	Long Jump	2nd (Silver)	2015	MECH
RELAY (4 X 100 mtr.)						
1	Neel Patel	ITM Universe	4 x 100 mtr running	1st (Gold)	2015	MECH
2	Yash Shah	ITM Universe	4 x 100 mtr running	1st (Gold)	2015	CIVIL
3	Shubham Rajput	ITM Universe	4 x 100 mtr running	1st (Gold)	2015	CIVIL
4	Mehul Mali	ITM Universe	4 x 100 mtr running	1st (Gold)	2015	MECH

FOOTBALL

ITM Universe Football team was the Champion in the GTU tournament 2014 in V.V Nagar zone.

BADMINTON

ITM Universe Badminton team was the Runners up in the GTU tournament 2014 in V.V Nagar zone.





FACULTY MEMBERS

Sr. No	Name	Designation	Qualifications
1	Dr. Som Sahni	Associate Professor	PhD
2	Ms. Himani Pandey	Assistant Professor	PhD Pursuing
3	Mr. Naresh Patel	Assistant Professor	PhD Pursuing
4	Ms. Komal Patel	Assistant Professor	PhD Pursuing
5	Dr. Ashmi Patel	Assistant Professor	PhD
6	Dr. Hemraj Patel	Assistant Professor	PhD
7	Mr. Raghav Chaturvedi	Assistant Professor	M.Sc.
8	Mr. Javed Khatri	Assistant Professor	M.A.,NET, PhD Pursuing
9	Dr. Digant Chauhan	Assistant Professor	M.A., M.Ed., PhD
10	Ms. Preeti Nair	Assistant Professor	M.A., M.Phil.
11	Ms. Sheetal Mishra	Assistant Professor	M.A., B.Ed.
12	Ms. Anubhuti Raturi	Assistant Professor	M.Phil. Pursuing
13	Ms. Chaitali Shah	Assistant Professor	M.Sc., B.Ed.
14	Ms. Vidha Kulkarni	Assistant Professor	M.Sc., M.Tech.
15	Mr. Mumukshu Trivedi	Assistant Professor	M.Sc.
16	Ms. Sonal Dave	Assistant Professor	M.Sc., M.Phil
17	Ms. Damini Rathore	Assistant Professor	M.Sc., M.Phil
18	Mr. Vishal Adak	Assistant Professor	M.Sc., Acturial Science pursuing
19	Ms. Mittal Patel	Assistant Professor	M.Sc., M.Phil
20	Mr. Naveen Yadav	Assistant Professor	M.Sc.

Department of Management Studies

ABOUT THE COURSE

Whether you look forward to strengthening your ground in the area of entrepreneurship or have your goal well focused on escalating the corporate rung, it is important that you go for an MBA degree. MBA degree will help you get an insight into the tricks & acumen necessary for competent handling of business and segments constituting it. You may be wonderfully knowledgeable, but an MBA program relevant to your field of operation will help sharpen your managerial skills & soft skills necessary for man management. To go by the current employment details, according to a recently taken U.S based statistics, 76% of MBA graduates were recruited in three months time of completion. The data pertains to 2013 but the preceding year saw recruitment to the tune of 71%. The differential speaks volumes about the relation between the priceless degree and its current relevance.

a. World Class Curriculum

The MBA Program at ITM Universe, Vadodara consists of diversely ranging topics in areas related to technology, marketing, communication and human resources. The management program also throws light on the issues of accounting and that of economics.



With facilities for independent study and that of group centric interaction, presentations and analysis of case study, the area helps students with an insight into the multi dimensional necessities of the global economy. Other than creating endless numbers of job opportunities in the market centric world economy, the MBA program at ITM Universe broadens the knowledge about the tentative risks and profits that can rock a business unit.

1. RESOURCES AND INFRASTRUCTURE

The USP of the MBA Program at ITM Universe is its Infrastructure in terms of an Eco- Friendly Green Campus cum Sculpture Park. Spacious Classrooms and Fully Air- Conditioned Seminar Halls, Resourceful Library, Hygienic Canteen and Drinking Water. There is flawless transportation facility and above all a good blend of experienced faculty and fresh blood that makes learning conducive and fun. The best part of this institute is the dynamic and strong training and placement cell that helps students augment their skills to keep pace with industry requirements and ample placement opportunities for all students. The 2015 batch of MBA students saw excellent placements and 80 % of the students were placed.

2. ACHIEVEMENTS

a. Faculties

- Dr. Jyot Mohan was the chairman for ILLUMINATI-2015 and had successfully coordinated the 3 days TechFest annual event in February 2015.
- Dr. Jyot Mohan was also the team leader for the 7 days Vibrant Gujarat Activities, where ITM Universe, Vadodara was one of the participants.
- Asst. Prof. Rahim Munshi cleared UGC NET in Management in December 2014.

- Asst. Prof. Latika Karnani received an accolade for presenting the best paper in an International Conference organized by GTU at Parul Institute of Management. And awarded 1st prize in best paper category.
- Asst. Prof. Bibha Jha presented a paper on “Role of SMEs in the Development of the Country” held at Parul Institute of Management organized by GTU.
- Asst. Prof. Bibha Jha presented a paper in a conference organized by ITM University, Gwalior.
- Department of Management Studies successfully conducted a Management Development Program for INOX CVA Engineers where the faculties were involved in delivering sessions on diverse subjects.

3. DEPARTMENTAL ACTIVITIES & PROGRAMS

a. Augmentation Activities

- Mock Group Discussions, mock Interviews and mock Aptitude Tests were conducted at regular intervals as a result of which most of the students who faced the interviews were selected at their first shot.
- Students are given real-life industry problems as assignments to equip them with the problem solving abilities that they are likely to encounter, when they enter the corporate arena as managers.
- Augmentation Lectures were taken by Faculty members to help the students understand the current developments in the industry way beyond their textbooks.
- Every Student for the MBA Department had enough opportunities to get employed with every student facing at least three interviews and

majority of students ended up getting more than one job offer.

B. INDUSTRIAL VISITS

- Students of MBA SEM-4 & MBA SEM-2 were taken on an Industrial Visit to KEC International, on 14th March, 2015.
- Students of MBA SEM-4 went for a visit of VSE on 19th & 20th March 2015.
- Students of MBA SEM-4 went for a visit of GVFL (Gujarat Venture Financial Ltd) on 25th & 26th March 2015.
- Students of MBA SEM-4 went for a visit of Jhaveri Securities/Angel Brocking Firm on 2nd & 3rd April 2015.
- Students of MBA SEM-4 went for a visit of India Infoline on 9th & 10th April 2015.

c. Seminars

- Department of Management Studies, ITM Universe, Vadodara had organized a Seminar on 1ST April 2013, “Innovative Business Practices to Survive and Flourish in a Competitive Market” which was attended by students and industry personnel. The main speakers at this seminar were:
 - o Mr. Abhishek Ekal (Vice-President of Dabbawala Foundation)
 - o Dr. Khushboo Pandya (Owner of Konvophilia Communications)
 - o Mr. Deepak Acharya (COO of INOX CVA)
 - o Sundarrajan (Professor, Finance, Faculty of Management Studies, MSU)
- Department of Management Studies, ITM Universe, Vadodara had organized a Seminar on 15th April 2015, “PROSPECTS-2015, Challenges

and Prospects of Management Education: With IIM Alumnus” which was attended by students and industry personnel. The speakers at this event were:

- o Mr. Anirudh D. Buch (IIMA Alumni, Currently Executive Director, Foods Division of a large Business Group)
- o Mr. Suresh Oak (IIMA Alumni, Currently Advisor, P M Control Equipment)
- o Dr. Jyot Mohan (IIMC Alumni, Currently Dean IAI & HOD, ITM Universe, Vadodara)
- o Mr. Ishver Naik (IIMA Alumni, Currently CEO, Eximius Healthcare Pvt. Ltd)
- o Mr. Sachin Nanda (IIMA Alumni, Currently, Manager, Retail Division, GSFC)



FACULTY MEMBERS

Sr. No	Name	Qualifications	Subjects
1	Dr. S.K. Vij	Ph. D (Maths), IIT, Bombay	Quantitative Analysis, Research Methodology, Project Management
2	Col. A.V. Gupta	EME Advanced Course, MBA	Strategic Management & Business Ethics
3	Dr. Jyot Mohanlal	Ph. D (Marketing), MSU, PGDM (IIMC)	Principles of Management, Marketing Management
4	Asst. Prof. Rahim Munshi	MBA (Marketing), UGC-NET (Mgmt)	Economics for Managers, Services Marketing, Product & Brand Management
5	Asst. Prof. Bibha Jha	MHRM, UGC-NET (HR)	Strategic Human Resource Management, Industrial Relations & Labor Legislations
6	Asst. Prof. Latika Karnani	MBE, Ph.D (Pursuing)	Strategic Financial Management, Security Analysis & Portfolio Management, Mergers & Acquisitions
7	Asst. Prof. Sonam Sadhu	MBA (Finance), NCFM (Derivatives & Capital Markets)	Management of Financial Services, Cost and Management Accounting, Accounting for Managers
8	Asst. Prof. Noopur Vyas	MBA (HR)	Human Resource Management, Organizational Behavior

Masters of Computer Applications

ABOUT THE COURSE

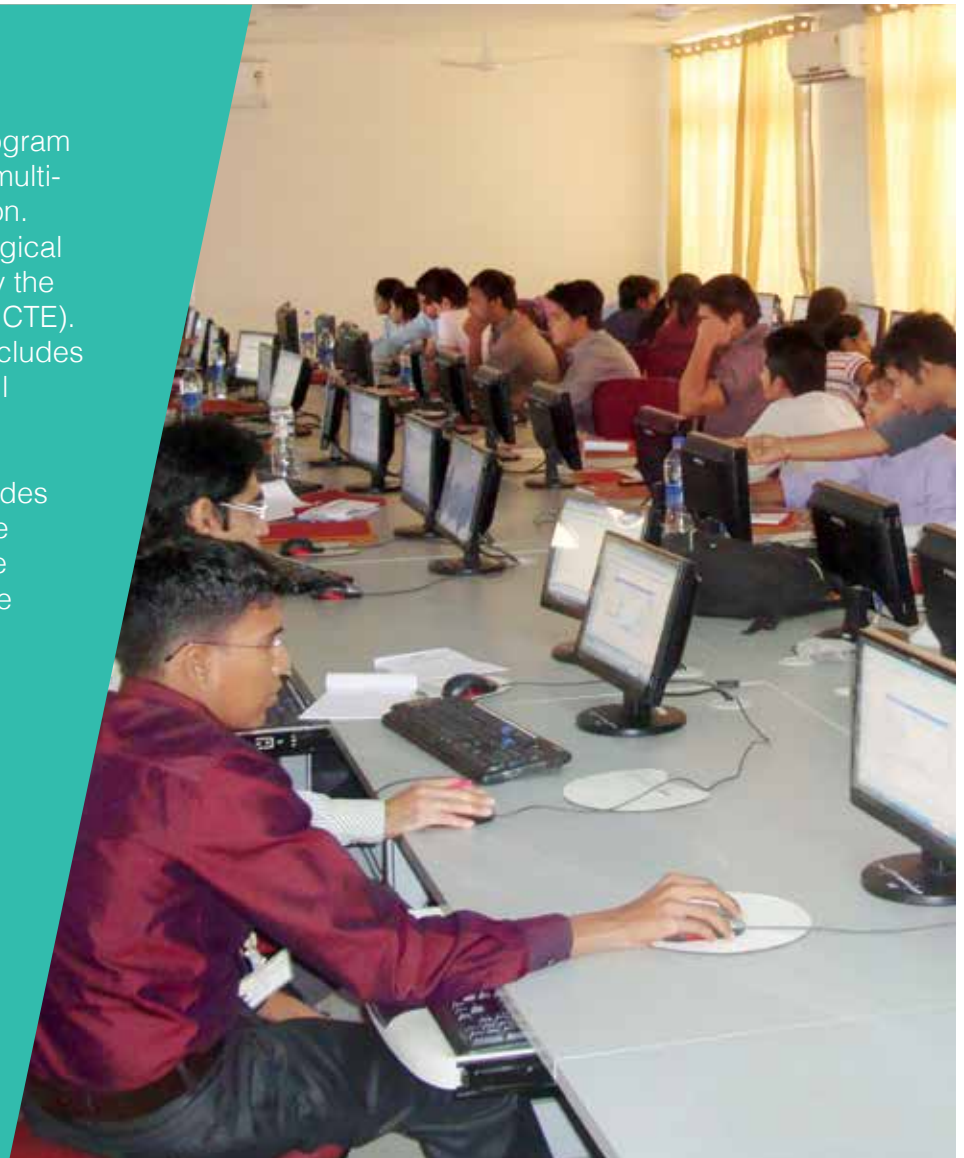
Masters of Computer Application (MCA) Program is designed to facilitate a multifaceted and multi-dimensional growth of professional education. The Institute is affiliated to Gujarat Technological University, Ahmedabad, and is approved by the All India Council for Technical Education (AICTE). The Governing Body and Advisory Board includes eminent industrialists, professionals and well renowned academicians and scholars.

We imbibe in our students, values and attitudes that help them in their professional lives. The curriculum and the pedagogy at the Institute are always under constant scrutiny to ensure a complete match between the education provided and the changing demands of the industry.

1. ACHIEVEMENTS

a. Faculties

- Dr. Amit Kothari Published a paper on “Working and Comparative Analysis of Various Spatial based Image Steganography Techniques” in IJCA-New York. March, 2015.
- Dr. Amit Kothari delivered lecture series on “Research Methodology” on 28th October, 2014 at Hemchandracharya North Gujarat University, Patan.





- Dr. Nidhi Arora delivered Expert Session in Faculty Development Program on “Quality Engineering & Management” at G. H. Patel College of Engineering, V.V. Nagar in December, 2014.
- Dr. Nidhi Arora published a book review on book entitled “Information Systems Project Management”, ISBN: 978-81-321-0570-1, in South Asian Journal of Management ISSN: 0971-5428 in March, 2015.
- Dr. Nidhi Arora has reviewed research papers in 4 International Journals across the globe in December 2014 and January, February & May 2015.
- Dr. Nidhi Arora was invited as a Judge in Youth Parliament, Convergence 2015 at Ganpat University in February 2015.
- Dr. Nidhi Arora had organized 3 days IT Quiz in BITA 2015 during 24-26th January, 2015.
- Ms. Meghana Tribhuwan published a paper on “Recent literature on ERP Systems” in International journal of Research in Computer Application & Management, ISSN: 2231-1009.
- Ms. Meghana Tribhuwan delivered a lecture series on ERP in INOXX India Ltd. Vadodara.
- Ms. Meghana Tribhuwan was awarded “Best Teacher” on 26th January, 2015 by ITM Universe, Vadodara.
- Ms. Rima Shah published a paper on “A Study of Effective Load Balancing Algorithm Reverse to Academic Cloud” at International Journal of Information and Computing Technology ISSN: 0976 – 5999.
- Ms. Rima Shah published a paper on “Analysis of Various Homomorphic Encryptions for Cloud Computing” at International Journal of Emerging Technologies and Applications in Engineering, Technology & Sciences ISSN: 0974-3588 in December- 2014, special issue.
- Ms. Rima Shah presented a paper on “A Study of Cloud Computing with Relevance to Industry Orchestration” at National Seminar on “Emerging Business Challenges: Ideas & Solutions” at SEMCOM Institute, V.V. Nagar in May 2015.
- Mr. Satyendra Sharma presented a paper on “Feasible Study on Services in Cloud Computing” at National Seminar on Communication, Networks & Computing (CNC- 2014) January 23 & 24, 2014 at ITM University, Gwalior, M.P.
- Mr. Satyendra Sharma has attended workshop on “Embedded System” in January, 2015.
- Ms. Nishtha Chotai delivered a series of Expert Sessions in Workshop on “Android Programming” at ITM Universe, Vadodara.
- Ms. Nishtha Chotai has attended workshop on “Embedded System” in January 2015.
- Ms. Hemangi Khakhi has successfully completed Online Certificate courses from Johns Hopkins University and received certificate of Accomplishment on: 1. R Programming and 2. Practical Machine learning.

2. DEPARTMENTAL ACTIVITIES & PROGRAMS

a. Conference/Workshop/Seminars

- Expert lecture on PHP Programming on 2nd Aug, 2014.
- Expert lecture on JAVA 8 by Mr. Pravin Jain.
- National Workshop on “BIG DATA ANALYTICS, HADOOP & MAPREDUCE” during 21st to 23rd Feb, 2014.

b. Industrial Visit

- MCA students visited BISAG, Gandhinagar on 24/09/2014.
- MCA students visited “Institute of Plasma Research(IPR)” and INFLIBNET Inof City Gandhinagar on 30th Mar, 2015.

c. Extension Activities

- Mr. Satyendra Sharma has organized Blood Donation and Thalassemia Checkup Camp in 2014 and 2015.
- Mr. Satyendra Sharma has Organized Medical Camp in Paldi Village on 13th April, 2015.



FACULTY MEMBERS

Sr. No	Name	Designation	Qualifications
1	Dr. Amit D Kothari	Associate Professor & HOD	PhD, MCA
2	Mrs. Meghna Tribhuwan	Assistant Professor	MCA, Phd Pursuing
3	Mr. Satyendra Sharma	Assistant Professor	MCA
4	Ms. Hemangi Khakhi	Assistant Professor	MCA
5	Mrs. Rima Shah	Assistant Professor	MCA, Phd Pursuing





Largest infrastructure in Gujarat for Architecture discipline.

ITM SCHOOL OF ARCHITECTURE, ART AND DESIGN (ITM-SAAD)



ADVISORY BOARD

Prof. Rajiv Mishra

Principal,
Sir J. J. College of Architecture

Prof. Nalini Thakur

Head, Dept. of Architectural,
Conservation, School of
Planning & Architecture

Dr. I. J. S. Baskhi

Director, Chitkara School of
Planning & Architecture

Ar. Yashwant D. Mistry

Architect Interior Designer

Prof. Nazeer Altaf Ahmed

Director, Measi Academy of
Architecture

Prof. Aqueel Ahmed

Head, Department of
Sculpture, Faculty of Fine Arts,
The MSU, Baroda

Dr. Prof. Habeed Ahmed Khan

Director, Priyadarshini Institute
of Architecture & Design
Studies

Ms. Roobina A. Karode

Artist, Art Critic, Educationalist
Author

Prof. Ravi Anand

Professor, School of Planning
& Architecture, Jawaharlal
Nehru Architecture & Fine Arts
University

Prof. Neelkanth Chhaya

Dean, Faculty of Architecture

Prof. Uday Shelat

Director, ITM SAAD,
Ex-Head, Architecture, MSU,
Vadodara

Ar. Seema Pochalwar

Bio-Climatology Expert

Dr. Yogesh. K. Jain

Professor & Head,
Dept. of Bldg. Engg. &
Management, School of
Planning & Architecture

Dr. Prof. Rachna Khare

Professor, School of Planning &
Architecture

Dr. Ashis K. Rege

Principal, Goa College of
Architecture

Ar. Suneet Paul

Architect – Journalist,
Managing Editor Media Trans
Asia India Ltd.

Prof. Iftekar Mulk Chisti

Prof. of Architecture,
School of Planning &
Architecture, CEPT University

Ar. Gajanan S. Upadhyay

Professor of Product Design
(Retd.), Expert Furniture
Design, Ahmedabad

Shri. Prakash Vani

Patypus Designs Pvt. Ltd.
Ar. Vasant V Kamath
Practicing Architect,
New Delhi

Prof. Uday Gadkari

Ideas: Institute of Design
Education Architecture Studies

Dr. B. S. Bhooshan

Practicing Architect & Town
Planner, Mysore

ACADEMIC COUNCIL

Ar. Karan Grover

Practicing Architect, Vadodara

Prof. Jatin Bhatt

Professor & Dean,
School Of Design,
Ambedkar University

Prof. Manoj Mathur

Head, Industrial Design,
Prof. of Architecture, School of
Planning & Architecture,
New Delhi

Ar. Renuka Mistry

Practicing Architect,
Bangalore

Dr. Sanjeev Singh

Professor & Head,
School of Planning
Architecture, Bhopal

Ar. Nachiket Patwardhan

Architect, Cinema-maker,
Art Director, Pune

Prof. Satish S. Rao

Head, Dept. of Architecture,
DMS, Inst. of Engg, Bangalore

Prof. Yatin Pandya

Foot Prints : EARTH,
Environment, Architecture,
Research, Technology,
Housing, Ahmedabad

Prof. Rabindra Vasavada

Prof. & Head, Centre For
Conservation Studies & PG
Program On Conservation,
CEPT University

Prof. Narendra Dengle

Architect, Writer
Pune

Prof. Sumant B. Patel

Associate Professor,
Structural Engineering,
BVM College of Engineering,
VV Nagar



BOARD OF GOVERNOR

Ar. Krishna Rao Jaisim
Architects Planners Engineers,
Ecologists

Prof. Ravi Hazra
Adjunct Professor,
Industrial Design Centre, Indian
Institute of Technology, Powai,
Mumbai

Prof. Pushkar M. Kanwinde
Director, National Institute of
Advanced Studies in Architecture,
Principal, B.K.P.S. College Of
Architecture

Dr. Shailendra K. Kushwaha
Dean, Faculty Of Fine Arts,
MSU, Vadodara

Prof. D. Vijaya Kishore
Vice Chancellor, School Of Planning
& Architecture, Jawaharlal Nehru
Architecture & Fine Arts University
(JNA & FAU)

Dr. Chetan Vaidya
Director, School of Planning &
Architecture

Dr. Ajay Khare
Director,
School Of Planning & Architecture

SPECIALIZATION GROUPS OF EXPERT ADVISERS

1. FINE & APPLIEDARTS

Dr. Shalendra K. Kushwaha
Vadodara,
Artist, Art Critic,
Art Education

Prof. Aqueel Ahmed
Vadodara,
Sculptor, Art Education

Ar. Nichiket Patwardhan
Pune, Architect, Cinematographer,
Stage, T.V., Cinema Sets Designer

Ms. Rubina A. Karode
New Delhi,
Artist, Art Critic, Author

2. INDUSTRIAL & PRODUCT DESIGN EXPERT ADVISERS

Prof. Ravi Hazra
Mumbai

Prof. Iftekar Mulk Chisti
New Delhi

Shri Prakash Vani
Ahmedabad

Prof. Jatin Bhatt
New Delhi

Ar. Gajanan S. Upadhyay
Ahmedabad

Prof. Manoj Mathur
New Delhi



3. GREEN ARCHITECTURE & ECOLOGY

Ar. Krishnarao Jaisim
Banglore

Ar. Karan Grover
Vadodara

Prof. Habeeb Ahmed Khan
Nagpur

Ar. Renuka Mistry
Banglore

Ar. Vasant Kamath
New Delhi

Ar. Revathi Kamath
New Delhi

4. BIO-CLIMATOLOGY, RESEARCH & EDUCATION

Ar. Seema Pochalwar
Banglore

5. RESEARCH & ADVANCED STUDIES IN ARCHITECTURE

Prof. Pushkar Kanvinde
Pune

Prof. Yatin Pandya
Ahmedabad

Dr. Rachna Khare
Bhopal

Dr. B. S. Bhooshan
Banglore

Prof. Satish Rao
Banglore

6. ARCHITECTURAL EDUCATION, ADMINISTRATION & INSTITUTIONAL DEVELOPMENT

Dr. Chetan Vaidya
New Delhi

Prof. Rajiv Mishra
Mumbai

Prof. Neelkanth Chhaya
Ahmedabad

Dr. Ajay Khare
Bhopal

Dr. I. J. S. Bakshi
Patiala

Dr. Nazeer Altaaf Ahmed
Chennai

Dr. D. Vijaya Kishor
Hyderabad

Prof. Uday Gadkari
Nagpur

Prof. Habeeb Ahmed Khan
Nagpur

7. BUILDING ENGINEERING & PROJECT MANAGEMENT

Dr. Yogesh Jain
New Delhi

Prof. Sumant B. Patel
V. V. Nagar

8. ARCHITECTURE AND URBAN CONSERVATION

Prof. Nalini Thakur
New Delhi

Ar. Karan Grover
Vadodara

Prof. Yatin Pandya
Ahmedabad

Dr. Sanjiv Singh
Bhopal

9. TEACHING & COMMUNICATION IN ARCHITECTURE

Prof. I. M. Chisti
New Delhi

Prof. Narendra Dengle
Pune

Prof. Manoj Mathur
New Delhi

Dr. Sanjiv Singh
Bhopal

Prof. Satish Rao
Banglore

10. ARCHITECTURAL INTERIORS

Ar. Yashwant Mistry
Vadodara

Ar. Renuka Mistry
Banglore

11. HOUSING & URBAN DEVELOPMENT CEPT

Dr. Ashis K. Rege
Goa

Dr. Chetan Vaidya
New Delhi

Prof. Ravi Anand
Hyderabad

Dr. Vijay Kishore
Hyderabad

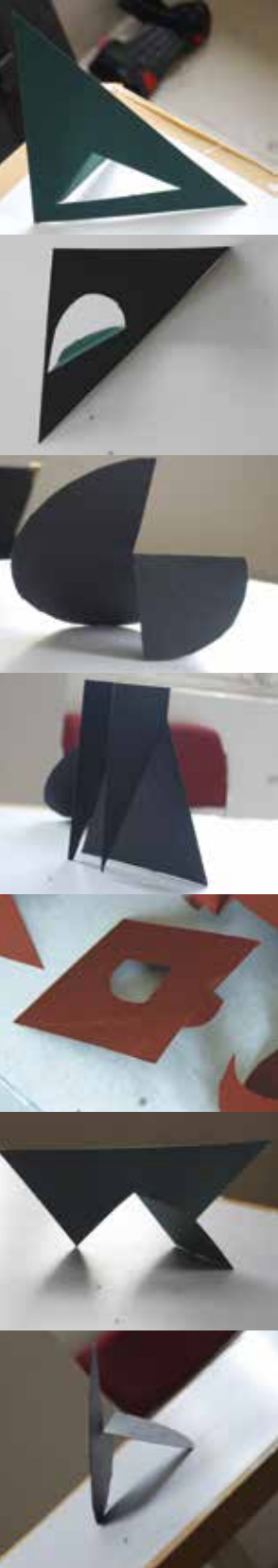
12. LANDSCAPE ARCHITECTURE & PLANNING

Ar. Ravindra Punde
Mumbai

13. JOURNALISM IN ARCHITECTURE & ALLIED FIELDS

Ar. Suneet Paul
New Delhi





PRINCIPAL'S MESSAGE

It is a great pleasure to be a part of SAAD, ITM Universe after spending more than 25 years in the Profession and almost 15 years in the Architectural Education.

Architecture is a multi-disciplinary activity. And our goal at SAAD is to provide a platform to our students to show their skills according to their passion. It is also necessary that they get connected to the market, understand the challenges the market is facing and prepare themselves for the competition.

We focus on extracurricular activities in verity of subjects by way of workshops, site visits, educational tours, and Interactive sessions with the experts from the profession. We have included such activities as elective subjects and also in the main curriculum with the regular syllabus.

We believe in the up gradation according to the demands of the constantly changing world. Our students must be rooted in the Indian realities and at the same time be globally oriented.

ITM SAAD is committed to this.

I am glad that you have chosen the right institute for the growth of your ward.

Prof. Hemant Parmar
Principal,
ITM SAAD

Campus of ITM School of Architecture, Art and Design

The newly constructed environmental friendly building equipped with latest teaching aids and technology is located in the midst of lush green surroundings, overlooking monumental sculptures created in a 30 day long international sculpture camp and orchard greens. The institute is designed in an aesthetical and progressive taste so as to create not only buildings but beautiful sustainable green environment which can inculcate the sense of art and practical poise in the young minds.

The course curriculum as per Gujarat Technological University Guidelines and approved by the Council of Architecture (COA), is been handled by qualified and experienced faculty members. Apart from this, our endeavor would be to cater to the need of the developing nation and rapidly changing international scenario from the third world to the list of top most. The premise is not only serene but equipped fully with latest equipments and tools for conducting various exercises in carpentry, masonry, pottery, smithy, metal works, glass works and model making workshop and in-house rich library.



The management plans to deliver lot more by calling experts from the related field and hosting workshops seminars etc. Exposure with right knowledge for our budding minds is of prime importance. For audio visual presentations a hall with all modern gadgets are available to the students. We have established a special Language Lab to improve communication skills. Our computer lab is equipped with 40 terminals with licensed version of AutoCAD, Corel Draw, Photoshop and M.S. Office. We have scanning, photocopying and printing facilities in the computer lab. Well furnished library provides reading facilities, computers and books with internet and delnet facilities.

Courses Offered

Bachelor of Architecture (B. Arch)

Diploma in Architecture (D. Arch)

B-1 COURSE INFORMATION

BACHELOR OF ARCHITECTURE (B. ARCH)

It is 5 years bachelors' course offered in the field of Architecture. There are in general three stage clearances in the programme. The first three years are basic course – stage one, the next one and half years is advanced teaching – stage two, the last six months is thesis – stage three. The student has to undertake 4 months of office training in 7th semester. The rule for semester clearance is as per Gujarat Technological University Norms. Students are given training in



variety of subjects of Architecture such as Design Studio, Building Construction, Fundamental of Structures, History of Architecture, Humanities, Building Science, Sustainable architecture, Electives etc. Design studios include different themes such as residential, public, institution, housing, urban, etc.

DIPLOMA IN ARCHITECTURE (D. ARCH)

It is 3 year diploma course offered in the field of Architecture. It is the first of its kind in the state of Gujarat. The subjects offered in this course are equivalent to 5 years programme of B. Arch. The main intention of the institute is to train students to bridge the gap in the market between the degree graduates and the students pursuing Architectural Assistantship course. The students can enroll for the same post S.S.C. / Metriculation / 10th Standard through ACPDC.

B-2 ELIGIBILITY FOR ADMISSION

1. Bachelor of Architecture: No candidate, with less than 50% marks in aggregate, shall be admitted to the architecture course unless he/she has passed an examination at the end of the new 10+2 scheme of Senior School Certificate Examination or equivalent with mathematics as, one of the subjects of examination at the 10+2 level.
OR
2. 10+3 Diploma (any stream) recognized by Central/State Governments with 50% aggregate marks.
OR
3. International Baccalaureate (IB) Diploma, after 10 years of schooling, with not less than 50% marks in aggregate and with Mathematics as compulsory subject of examination.



For the admissions online, NATIONAL APTITUDE TEST FOR ARCHITECTURE (NATA) will be held from the month of March 2014. Students can appear for NATA TEST from any center.

B-2 ADMISSION PROCEDURE

Admissions for Architecture course is administered by joint admission committee for professional courses L. D. College of Engineering Ahmedabad. <http://www.jacpcldce.ac.in/archi.asp>

B-3 INQUIRY FORM

As mentioned on the website given above

B-4 ACADEMIC CALENDAR

Academic Session 2015 – 16
1st Semester July – Dec 2015

2nd Semester	Jan – June 2016
3rd Semester	July – Dec 2015
4th Semester	Jan – June 2016
5th Semester	July – Dec 2015
6th Semester	Jan – June 2016

Facilities

C-1 COMPUTER CENTER

The computer center is equipped with latest PCs with internet facility, printers, plotters, photocopying and scanning facilities.

C-2 LIBRARY

SAAD library is having a vast collection of books with titles on Architecture catering the needs of all years of degree and diploma students. Library also subscribes national and international magazines and Journals. Reputed and



Leading Magazines can be found on the stakes of library. Well maintained spacious reading rooms are available for reference purposes. Collection of e-books video CDs and DVDs are also available in our resource centre. The reprographic facilities will be available within library premise.

C-3 EDUCATIONAL INFRASTRUCTURE

With perhaps the largest world class infrastructure in the state, ITM SAAD building is so designed as to cater the needs of the department for next 10 years. Open spaces, amphitheatre, critique areas, seminar halls and huge library space are a delight for the students.

Expert Lectures

For better exposure to the current Architectural trends we have regular



programme of organizing lecture series by prominent personalities from India as well as across the globe. Seminars, workshops, and interdisciplinary competition are a regular feature of our institute.

Teaching at ITM SAAD

Studies at ITM SAAD are combination of theory and practical. Students are trained for different juries and presentations. Practical are conducted on site by use of various kind of materials.

Studios are equipped with appropriate drafting boards and tag panels to display work. There is enough space in each studio for students to make working models

Students are encouraged to visit the ITM Campus at regular intervals. There is different stage of building construction carried out in the campus. These visits give exposure of actual construction on site to the students.



Final external juries are conducted every semester ending for all years of architecture. Prominent architects from field and other colleges are invited to conduct the final jury of design studio subject

Students Work at ITM SAAD

Studies at ITM SAAD are combination of theory and practical. Students are trained for different juries and presentations. Practical are conducted on site by use of various kind of materials.

Studios are equipped with appropriate drafting boards and tag panels to display work. There is enough space in each studio for students to make working models.

1. ABOUT THE COURSE

Architecture Course revolves around Studio program that are handled by experienced Core Faculty, Visiting Academicians and Professionals. It commences with study

of Morphology – to explore platonic and Archimedean forms, Geodesic Structures with preparing Models. The core curriculum includes wide range of studies on Sustainable Architecture, Energy Efficient Planning, Urban and Rural Designing, Vernacular Materials for Affordable Housing. We felicitated large scale projects on Village study and City pole housing wherein students carried out studies of Villages and Old Houses focusing on Lifestyle, House form, Socio economic aspects and measure Drawings for the same. Their work will be displayed on a large scale.

Apart from classroom learning, students are engaged in various Activities to develop Skills and Creativity. Various Workshops on Clay, Metal scrap, making Brick Arches, Bamboo works etc. are organized. In the Electives, subjects like Photography, Film making, Set Designing, Ekistics etc. are taught. Students also take part in many cultural activities such as, Dance, Drama, Singing, making Eco-friendly Ganesha Idol & the set designing.

SAAD is committed to the mission of preparing students to meet the changing needs of society and look forward to offer innovative solutions to complete challenges of sustainable environment.

- ITM, SAAD offers 5 years Bachelor of Architecture Course approved by Council of Architecture, New Delhi (COA).





- We are the only College in Gujarat offering 3 years course in Diploma in Architecture.
- The institute is affiliated to Gujarat Technological University (GTU) and approved by AICTE.

2. ABOUT THE DEPARTMENTAL

a. Development of Laboratories

ITM SAAD has fully equipped laboratories which are a requirement for the smooth conduction of course. The laboratory facilities available are:

- Climatology Laboratory
- Surveying & Leveling Laboratory

b. Students' Achievements

- A student from Architecture, Mrunal Kelkar, won twice in GTU Annual Technical Festivals – “Kshitij” in the competition of Clay Modeling.
- In spite of being a relatively new institute, ITM SAAD students participated in National Association of Students of Architecture (NASA) events at both Zonal and National levels.

3. DEPARTMENTAL ACTIVITIES & PROGRAMS

a. Jury

- 62 students from 3rd Semester,

Bachelors of Architecture appeared for the jury on 2nd & 3rd January 2014.

- Prof. Anil Navagil, Ar. Prashant Modi and Ar. Ruhee Gala were the external Jury members for the event.
- 6 internal Jury members also participated in the event and made it a success.
- Students came up with the innovative ideas and presented in front of external and internal jury members.

b. Workshops

- A knowledge based workshop was organized by ITM SAAD, entitled “Vadodara: Yesterday, Today and

Tomorrow” on 18th March, 2015. Number of students and faculty members participated in the workshop. The workshop had the experts like:

- Dr. H. P. Patel (Chairman, Standing Committee, Vadodra Mahanagar Sewa Sadan) - Chief Guest
- Ar. Arun Vakil - the Guest of Honour
- Mr. Rajendra Shah
- Ar Prakash Pethe (Ex. Town Planner)
- Mr. Gopal Shah (Ex. Town Planner)
- Ar. Ajitsinh Gaekwad (Traffic Expert, SOCLEEN)
- With the view of providing hands on experience with various materials and skills, the “Skill Based Workshops” have become an integral part of the SAAD campus. These workshops give the students hands-on experience of working as an architect and develop their Market based skills for the future. The various skill based workshops, organized in ITM SAAD campus, are mentioned below:
 - Dome Workshop
 - Brick Workshop
 - Photography Workshop
 - “Mentis” - Metal Workshop
 - “Gazebo” - Bamboo Workshop
 - “Gerit Rielweds Chair” - Timber Workshop
 - Pottery workshop

c. Architectural Documentation of Traditional Residential Units of Vadodara:

- ITM SAAD students of first year decided to conduct a widespread documentation exercise to cover six streets and eighteen dwellings which are of different typologies. The traditional residential neighborhood follows an hierarchy starting from Sheri, Khancho, Pole, Khadaki, Deli, Haveli and Individual dwellings. Even the dwellings may have internal

courtyard, Courtyard shared by cluster etc. Such documentation helps the students to explore the community planning aspects, climatological aspects, the interrelationship between the lifestyle and architecture, changing construction techniques etc.

d. Industry Academia Interface by means of Trade Lectures.

- The applications of the materials and the conventional approach towards the method of construction and detailing are constantly changing. It is extremely important for the students of architecture to be in touch with the rapid pace of the changing scenario. Also the material manufacturers are doing a lot of research and development work in their respective field. With the view to update our students with these aspects, ITM SAAD invites the Trade Partners to give presentations, conduct workshops and seminars at our campus. The following companies conducted such interface events at the campus:
 - Asian Paints
 - Alpha Workshop by Sony
 - Somany Tiles

e. Academic Tours

- To be able to really appreciate an Architectural marvel it is essential to visit it. We at ITM SAAD believe to conduct at least one such academic tour for the students every semester, where a student can explore the rich variety of architectural vocabulary spread across the country. The Following places have been visited so far:
 - Pune
 - Mumbai
 - Khambhat
 - Ahmedabad
 - Champaner





FACULTY MEMBERS

Sr. No	Name	Designation
1.	Prof. Uday Shelat	Director ITMv-SAAD
2.	Prof. Hemant Parmar	Principal
3.	Ms. Dimpal Anandani	Associate Professor
4.	Mr. Dharmesh Juremalani	Assistant Professor
5.	Ms. Meena Dutta Gupta	Assistant Professor
6.	Ms. Pooja Parmar	Assistant Professor
7.	Mr. Javed I Mirza (Artist)	Assistant Professor
8.	Ms. Yashsavi Shah	Assistant Professor
9.	Mr. Gaurav Dutt Sharma	Assistant Professor
10.	Ms. Sweta Parikh	Assistant Professor
11.	Ms. Mitali Rao	Assistant Professor
12.	Ms. Priti Chauhan	Assistant Professor
13.	Mr. Prithviraj Mali (Artist)	Assistant Professor
14.	Ms. Falguni Kansara	Assistant Professor
15.	Ms. Anupreksha Manoria	Assistant Professor
16.	Mr. Harish Raj (Clerk)	Assistant Professor
17.	Mr. Rizwan Sheikh (Lib.)	Assistant Professor
18.	Mr. Nitesh Shah (Comp.)	Assistant Professor
19.	Mr. H. M. Shah (Str.)	Assistant Professor
20.	Ms. Kinjal Kanodia (Str.)	Assistant Professor
21.	Mr. Sarang Pethe (Str.)	Assistant Professor
22.	Mr. Digant Chauhan (App. Sci. & Hume -)	Assistant Professor
23.	Prof. Anil Navangul	Visiting Faculty
24.	Ar. Prashant Modi	Visiting Faculty
25.	Ar. Babar Yahya	Visiting Faculty
26.	Ar. Anil Dalal	Visiting Faculty
27.	Ms. Ruhee Gala	Visiting Faculty
28.	Ar. Mayur Shah	Visiting Faculty
29.	Ar. Birju Dixit	Visiting Faculty
30.	Ms. Pheroza Cama (Artist)	Visiting Faculty
31.	Ar. Kashyap Bhuva	Visiting Faculty

Curricular activities of ITM Universe Technical Campus

A. PROJECT FAIR

Final year project poster exhibition 2015 at ITM Universe, Vadodara Campus in Presence of Industry and Academic Experts to Ensure Every Single Final Year Project become Innovative. Some of the important projects, as selected by the jury, department-wise are listed below:

Electrical Engineering

- Smart Energy Meter
- Smart Street Light
- Intelligent Multi-storey Car Parking System

Civil Engineering

- Light Weight Polystyrene Concrete
- Development of Bendable Concrete
- Folding Bridge Model
- Reuse of Waste Water by using

Biological Treatment Unit

Computer Science & Engineering

- Smart Billing
- Online Recruitment and human Resource Management Application
- VCard4 U-Medical Assistance System

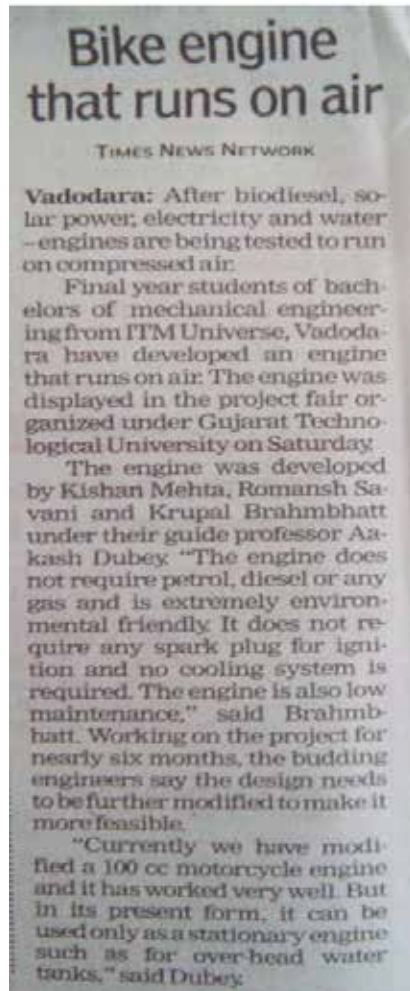


Mechanical Engineering

- Compressed Air engine
- Design and Development of Biodiesel Plant
- Mechanical Losses in Vertical Turbine Pump

Electronics & Communication Engineering

- Kitchen order ticket management
- Multiuser GSM based Wireless notice board
- Advance Infotainment System



Article in Times of India, dated 26-4-2015

1. MEDIA COVERAGE

4/29/2015 Divya Bhaskar e-Paper Gujarat, Ahmedabad, Vadodra, Surat, Rajkot
divyabhaskar.com

એર ડ્રિવન બાઈક એન્જિન

આઈટીએમ યુનિવર્સ દ્વારા યોજાયેલ પ્રોજેક્ટ ફેરમાં વિવિધ રીપોર્ટ પ્રદર્શન કરવામાં આવ્યું હતું.

PROJECT FAIR
એન્જિનિયરિંગના સ્ટુડન્ટ્સ કિશન મહેતા, રોમાંશ સવાળી, કૃપલ બ્રહ્મભટ્ટે આ એન્જિન તૈયાર કર્યું હતું. આ એન્જિન કમ્પ્રેસ્ડ એરથી ચલાવવામાં આવે છે. ફેરમાં આ એન્જિન પ્રદર્શન કરવામાં આવ્યું હતું. આ પ્રોજેક્ટમાં સોથી વધુ રસપ્રદ પ્રોજેક્ટ મિકેનિકલ એન્જિનિયરિંગના સ્ટુડન્ટ્સે તૈયાર કર્યાં હતાં. આ ટીમના સ્ટુડન્ટ્સે કમ્પ્રેસ્ડ એરથી ચલાવવામાં આવેલ એન્જિન પ્રદર્શન કર્યું હતું. આ એન્જિન કમ્પ્રેસ્ડ એરથી ચલાવવામાં આવે છે. ફેરમાં આ એન્જિન પ્રદર્શન કરવામાં આવ્યું હતું. આ પ્રોજેક્ટમાં સોથી વધુ રસપ્રદ પ્રોજેક્ટ મિકેનિકલ એન્જિનિયરિંગના સ્ટુડન્ટ્સે તૈયાર કર્યાં હતાં. આ ટીમના સ્ટુડન્ટ્સે કમ્પ્રેસ્ડ એરથી ચલાવવામાં આવેલ એન્જિન પ્રદર્શન કર્યું હતું.



આ સ્ટુડન્ટ્સે મોટર બાઈકનો પ્રોજેક્ટ બનાવ્યો હતો. તે તૈયાર કર્યો હતો, પ્રોજેક્ટમાં સમાર્પિત પ્લાન્ટ્સ, મટિરિયલ્સ જીએસએમ એન્જિનિયરિંગના સ્ટુડન્ટ્સે તૈયાર કર્યાં હતાં.

Article in Divya Bhaskar dated 26-4-2015

Article in Gujarat Samachar dated 26-4-2015

2. OBJECTIVES OF THE PROJECT FAIR

- Students of lower semester can see a display of Final Year Engineering project (based upon IDPS/UDPS) which may have benefited SMEs and other users and they get encouraged to do the same.
- To display an authentic project work that reflects the questions, problems, and needs of the world beyond the classroom.
- A project of a student may be useful to industries/ society or it may be breaking some new ground as analyzed by industry experts visiting the Poster fair.
- Effective communication in the 21st-century requires that students can effectively express themselves in writing, verbally, and visually. This fair serves this purpose.

3. BRIEF DETAILS OF THE PROJECT FAIR

- Total 103 projects were prepared; all the students from all the different branches were part of the Project fair. The department wise project were:
 - o Computer Science & Engineering: 23 projects
 - o Civil Engineering: 13 projects
 - o Mechanical Engineering: 23 projects
 - o Electrical Engineering: 21 projects
 - o Electronics & Communication Engineering: 23 projects
- Total 275 students were involved in the project work.
- These projects were evaluated and some of the best projects have been identified by the team of the experts during the Project fair.
- The projects were displayed in the form of flex print and live demonstrations.

Some projects by ITM Students



Mechanical Engineering final year students with their project poster.

Project Title: "Analysis of III Elements of Humidification on Refrigeration System of Dairy Industry"

Project Guide: Ms. Khushbu Vaishnav (Assistant Professor)

Students: 1. Sarang Daru, 2. Vivek Pawar, 3. Amit Mishra, 4. Hiren Chauhan



A working model of Biodiesel plant.

Project Title: "Design and Development of Biodiesel Plant"

Project Guide: Ms. Bhoomika Shukla (Assistant Professor)

Students: 1. Aliakbar Baldiwala, 2. Munshab Kapadiya, 3. Ashish Thanki, 4. Vijay Brahbhatt



Project poster of Electrical Engineering student

Project Title: "PLC Based Manufacturing Process Control of Transmission Towers"
Project Guide: Ms. S. A. Kanitkar (Professor & Head)
Students: 1. Vishal Maurya, 2. Jimit Thakar, 3. Smit Amin



Project Title: "Folding Bridge"
Project Guide: Dr. Santosh G. Shah (Professor & Head)
Students: 1. Shah Princy, 2. Patel Palak, 3. Patel Rangdatt 4. Janani Bhavin

Project Title: "Failure Analysis and Redesign of Release Lever in Cover Assembly of Clutch"
Project Guide: Mr. Jay Shah (Assistant Professor)
Students: 1. Vishwanath Patel, 2. Nirav Patel, 3. Pratik Chauhan, 4. Vishal Parmar

Project Title: "Design of Portable Spot Welding Machine"
Project Guide: Mr. Minesh Patel (Associate Professor)
Students: 1. Jay Patel, 2. Marvin Patel, 3. Harsh Gohil

Project Title: "Study of Properties of Soil Using Terrasil and Conventional Admixtures"
Project Guide: Dr. Santosh G. Shah (Professor & Head)
 Ms. Pooja Bhojani (Assistant Professor)
Students: 1. Shubham Singh, 2. Govind Bharvad, 3. Sukrit Dutta

Project Title: "Smart-Billing System"
Project Guide: Pradeep Laxkar (Assistant Professor & Head)
Students: 1. Rushi Surti 2. Rushabh Jain

Project Title: "Smart-Billing System"
Project Guide: Pradeep Laxkar (Assistant Professor & Head)
Students: 1. Rushi Surti 2. Rushabh Jain

Project Title: "Improvement in Energy Efficiency of Refrigeration System by Improved System Design Features"
Project Guide: Mr. Brijmohan Singh (Assistant Professor)
Students: 1. Vijay K. Khant, 2. Akash B. Jani, 3. Ankit S. Prajapati

Project Title: "To Minimize Shrinkage Defect in Warm Gear by Changing Design Parameters"
Project Guide: Mr. Jay Shah (Assistant Professor)
Students: 1. Ajay Solanki, 2. Dhananjay Bisht, 3. Arpit Bhatiya, 4. Mit Pandya

Project Title: "Automatic Standby Wheelchair"
Project Guide: Mr. Brijmohan Singh (Assistant Professor)
Students: 1. Dhvanit N. Bhagadev

Project Title: "Automatic Standby Wheelchair"
Project Guide: Mr. Brijmohan Singh (Assistant Professor)
Students: 1. Dhvanit N. Bhagadev

Project Title: "Comparative Study between Steel and FRP Rebars"
Project Guide: Mr. Juned M. Bhojwala (Assistant Professor)
Students: 1. Kirti N. Prajapati, 2. Anu Abraham, 3. Sagar M. Nagarbandhara, 4. Kunal N Parekh

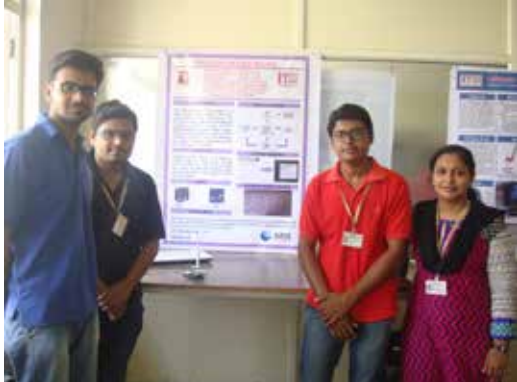
Project Title: "Lightweight Polystyrene Concrete"
Project Guide: Mr. Suresh C. Jain (Associate Professor)
Students: 1. Darshan Patel, 2. Lokhandwala Ibrahim, 3. Parikh Nigam 4. Kaushik Sharma

Project Title: "Transport System"
Project Guide: Ms. Madonna Lamin
Students: 1. Yesha Desai, 2. Rutul Shah, 3. Dipak Parmar

Project Title: "Online HR Recruitment & HR Management"
Project Guide: Ms. Madonna Lamin (Assistant Professor)
Students: 1. Piyush Soni, 2. Jeeten Dave, 3. Jaysheel Utekar, 4. Chirag Badgujar

Project Title: "Smart Assignment System"
Project Guide: Mr. Anuj Kumar Jain (Assistant Professor)
Students: 1. Kashyap Thaker

Some projects by ITM Students





B. ILLUMINATI 2015

The techfest Organized by ITM Universe, Vadodara, Illuminati 2015, has been a huge success. Some of the important features of the events are as given below:

- **Total 13 Colleges participated in TechFest in Illuminati 2015 seven events:**

Sr. No	Name	Location
1	Sharda University	NOIDA-Delhi
2	Nirma University	Ahmedabad
3	Ganpat University	Mehsana
4	Sapkal College	Nashik
5	ITM University	Gwalior
6	BVM	Vidhya nagar
7	GCET	Vidhya nagar
8	GEC	Gandhinagar
9	GEC	Rajkot
10	CGPIT	Surat
11	IITRAM	Ahmedabad
12	PDPU	Gandhinagar
13	ITM Universe	Vadodara

- Total students participated from other colleges: 56 including 8 girls.
- All of them provided transport for arrival and departure from station to ITM campus and vice versa as well as accommodation.
- Apart from these outside participants, hundreds of participants from the host college were there in all the technical and cultural events.
- The event was out-an-out an event for the students and by the students. And the students have made it a success.

Technical Events

- Techfest events had participation from other Indian colleges. Prize money ranged from Rs.10,000 to Rs 50,000/-.

- Robotics events were the center of attraction to all students. In Robotics three competitions were held namely: Racing, Staircase and Color sensing.
- Other techfest events were Contraption, Ideate, Techmagic and working model.

Sports Events

Dr Hemraj Patel has coordinated well and completed pre-selection and finals well in time schedule without affecting academics. Grounds were prepared in time. All other requirements were provided well.

Cultural Events

- FASHION show, executed very well. The themes chosen were good and all sequences were performed nicely by our students. Dresses chosen were very well acceptable.

- SINGING level has improved a lot. Audio system and its monitoring have enhanced the performance.
- DANCE performance also had its own quality in classical as well as in western. Judge gave very good feedback on how each one to perform in solo and in group.
- Special performance of Pankti was worth watching. She is the GEM of our institute and should be motivated and supported in her Dancing skills.
- Anchoring by students also was good due their continuous practice beforehand.
- QUIZ & Elocution: The students performance was worth watching. Students should be given such platform very often in institute as well as outside.
- SKIT: Dramatics as such can remove stage fear and enhance confidence, was seen in all performers. The microphone with speakers, which were purchased recently come out very useful.
- FUNZONE: The team worked very hard and involved many to play. They made the campus lively.
- FOODZONE: 12 stalls were put up. Students were seen at serving counter. Plastics waste was not allowed. Dustbins were used to keep the ground clean.
- Medals certificates were prepared in time and distributed well on stage.
- FINANCE promptly prepared the winning cheques.
- Management also helped and motivated students and faculties by keeping only two lectures from FRIDAY itself, so arrangements and practice were complete well in time.
- Thalassemia check up & Blood Donation camp organized on 13-14th

February, 2015 at ITM Universe, Vadodara, S. Chandrashekhar Block respectively in room no. 1 and MOS lab with collaboration with ITM SAAD, Vadodara and Indu blood bank, Vadodara during illuminati 2015 All the students, faculty and staff members participated voluntarily in the camp.

- In total, 160 units blood were collected and 65 Thalassemia check up in the camp.
- This camp helped student in getting awareness about their social responsibilities and showed enthusiastic. MCA / CSE Department staff and student played a key role in successful organization of the camp.



Training, Augmentation and Placement Assistance Cell

ITM Universe has always given training, augmentation and placements an utmost priority and to implement it into action an exclusive training, augmentation and placement assistance cell (TAP) has been established with state-of-art facilities.

1. PLACEMENT

The TAP Cell handles all aspects of campus placements for the students at ITM Universe. The cell is well equipped with excellent infrastructure to support every stage of the placement process. Arrangement for Pre-Placement Talks, Interviews, and Group Discussions etc. are all handled by the Cell members and Student coordinators. The following facilities are made available during the placement activities:

- Air-conditioned Seminar hall to conduct Pre-Placement Talks.
- Air-conditioned rooms for conducting personal round of interviews
- Specialized computer labs for conducting online tests.

The TAP works round the clock to interact with industries and look for the best placement opportunities for our students. The placement policies and other related activities are handled by TAPP in consultation with the Student Coordinators and Representatives. The process



of contacting companies for recruitment is handled by the TAPP members who consist of the TPO and nominated students from each department.

2. PROCEDURE

1. Invitations are sent to the companies by the Training & Placement Cell members.
2. Once the intimation is received from a company, a list of eligible students qualifying the criteria of the company is prepared and sent.
3. A tentative date for the company's visit is mutually decided.
4. After confirmation the TAP arranges a Pre-Placement Talk.
5. The company conducts its selection and shortlists students for the interview.
6. The results are usually announced on the same day.
7. Students who receive confirmation letters are not allowed to sit for any other visiting company.
8. Once into the selection process, no candidate can drop out at an intermediate stage



3. TRAINING AUGMENTATION – FOR DIFFERENT BRANCHES OF ENGINEERING

- 3D CAD software for mechanical design - (US site) with Inventor for Mechanical engineering students.
- MATLAB (matrix laboratory) is a multi-paradigm numerical computing environment and fourth-generation programming language, developed by MathWorks for Electronics & Communication Engineering students.
- Java Platform, Enterprise Edition or Java EE, Oracle's enterprise Java



computing platform for Computer Science and Engineering students

- STAAD or (STAAD.Pro) is a structural analysis and design computer program originally developed by Research Engineers International in Yorba Linda, CA., for Civil Engineering students
- Autodesk Revit a software for architects, structural engineers, MEP engineers, designers and contractors is also offered to Civil Engineering students.
- Programmable Logic Controller (PLC) training is offered to the Electrical Engineering students. All the above models have been offered to the students of Engineering from Fifth Semester onwards, as an additional certified skill building exercise for making them industry ready.

4. MOU'S AND COLLABORATIONS WITH THE INDUSTRIES

- Hewlett Packard Education Services
- WebTek LABS India, Education partner to IBM India
- Rockwell Automation
- Sofcon India
- ThinkLABS Techno Solutions Pvt. Ltd. (SINE IIT Mumbai)
- CISCO Networking Academy

Upcoming MOU's and Collaborations

- Honeywell Automation



5. PLACEMENT STATISTICS OF BATCH 2011-2015

36+ Companies had visited the campus for recruitment. The list of which is as under:

1. Westline Shipping Company
2. La Net Software Solutions Pvt Ltd
3. Cube Construction Pvt Ltd
4. Matrix Telecom & Comsec
5. Tristar International, Mumbai
6. Gujarat Flurochemical Limited
7. Indian Engineering Co Ltd
8. INOXCVA
9. E-INTELLIGENCE
10. HEX Wireless
11. Angel Broking
12. Collabera
13. India Infoline
14. Vraj Software
15. Zydex Industries
16. Khodiyar Group of Industries
17. Sort India Enviro Solution Ltd
18. ample softech
19. X-MX solutions at Ahmedabad
20. Promact
21. sun Infosystem surat
22. Technoviewer It solution
23. Wipro
24. Rajashri Solution
25. Apcons Services, Ahmedabad
26. Bajaj Allianz
27. Banco Products Limited
28. Jord International
29. RPG Raychem
30. Sofcon India
31. CETPA
32. Zero Chaos
33. Sannghvi Forging
34. ICICI Securities
35. ION
36. Jhaveri Securities
37. The Window Maker

73% of the eligible engineering students

91% of the MBA Students

75% of MCA Students were placed

Many Students had multiple job offers



Students speak



ITM has completed just 4 years, but the progress it has made is excellent. The campus is beautiful. The environment for students is full of encouragement and creativity. I can proudly say, I am a student of first batch of ITM.

Chintan Shah
CSE (2011-15)



I came to this college with lots of hopes of doing something new. I selected this college because of its campus. Now I am feeling proud to say that ITM is different from other institutes. Lastly I found TAP Cell to be really helpful. The TAP Cell tried to place us in different companies and finally I got placed in INOX India Limited. Thanks to ITM Universe because of their efforts I am where I am.

Harshal Prajapati
Mechanical Engineering



Best four years of a teenagers life during which he transforms from a school boy to man are achieved by him in a college. I was one of the lucky people who got to be a part of something that was going to be huge in the coming years. I learnt a way of living life that helped me to achieve a platform socially as well as academically.

Jay Shah
Electronics & Communication



On the first day of my college when I entered in the College, I was inspired by the slogan of Mahatma Gandhi in the entrance plaza, "Be the change you want to see in the world. Choosing the mechanical branch was a huge challenge, but with the support of faculties of ITM I managed to pass all the semesters. ITM has provided me a way of life that will help me in future.

Dhaval Gohil
Mechanical Engineering

ITM Universe will stay in my heart forever. I am scared of life without my college. It has become such an important part of my existence. Here I learnt not only to study but also to live a professional life. Really the journey has been amazing.

Faiyaz Railey
Mechanical Engineering



My journey had started 4 years back from now. It was my decision to choose ITM for my graduation which proved to be a masterstroke. ITM is different from other institutes in terms of infrastructure and teaching resources. ITM conducts different types of training programs which keeps ITM in sync with industry expectations. My experience with ITM has been good and to become a mechanical engineer from this institute is an honor.

Hari Patel
Mechanical Engineering



Here I learnt everything with the support of faculties. The technical and cultural fest Illuminati was awesome. We laughed, cried but all the moments we enjoyed with friends will remain immortal forever. One thing I would like tell to all future students is that "Study and have fun in ITM" Thanks to ITM for giving us a bunch of good memories. I have no more words to say.

Mrugen Joshi
Mechanical Engineering



I had the best 4 years of my life. Here I learnt many new things. ITM has provided me a platform to gain life values that I wouldn't have learned anywhere else. I thankful to ITM Universe for such a wonderful opportunity.

Swapnil Phanse
Electronics & Communication



The first stepping stone towards my excellence in the field of my interest was provided by ITM. Being an engineer, I was encouraged by the experienced faculty members that made my focus sharp and helped me to set my goals. ITM clubs helped me to explore my talent, which helped me participate in extracurricular activities along with academics. I thank ITM from bottom of my heart for such warm and lovely 4 years.

Omkar Patwardhan
Electrical Engineering



ITM has a green campus, one can feel the rare air of creativity and innovation in its culture. Culture of ITM is a combination of technical as well as artistic skills. Organizing sculpture symposium every year shows interest of institution in various arts along with education. ITM universe organizes seminars, research papers publication, conferences which helps students in enhancing their personality as well as knowledge. Management of ITM always works hard to bridge gap between industry and institution.

Vatsal Talati
Electronics & Communication



Life in ITM Is a great experience. It's not just only about classroom knowledge but It's more than that, you get practical lectures from industry people. One Special thing about ITM is you get to explore Art & Music. ITM has given me the confidence to speak in front of any one. For me entrepreneurship lectures and workshops at ITM has motivated me for the self employment.

Shivam Soni
Mechanical Engineering



ITM has good background and management. The reason behind creative and dynamic atmosphere of ITM universe is our highly qualified HOD's and professors. I am grateful to ITM for providing me such opportunities to learn something in field of entrepreneurship development and provided me avenues to nurture my skills in NCC and to do extracurricular activities, including my course of electrical engineering.

Shrey Sharma
Electrical Engineering



I have experienced the best 4 years of my life at ITM Universe, Vadodara. It has helped me to built up my overall personality and boost up my confidence through the exposures which it has provided. Being a part of the first batch of ITM at Vadodara, I have witnessed the substantial growth of this college. My journey here has always been one which I would cherish for my entire life.

Vidit Patel
Mechanical Engineering



ITM has trained me not only with theoretical knowledge but has also provided practical exposure which has helped me to develop into a thorough professional.

Nigam Parikh
Civil Engineering



My first impression of ITM Universe was very good. I felt that this is the best college for doing Engg. After taking admission in ITM, I have enjoyed college life and gained technical knowledge. I will never forget these college days. ITM has provided me with the best facilities and Infrastructure.

Vishva Patel
Electrical (2011-15)

Industry speaks

"ITMU, in its five years of establishment, has achieved greater laurels in imparting technical education of international standards. It is noteworthy to know that the institute, in close interaction with the industry, is organising its education and research in emerging and thrust areas to meet the current and future challenges of technological development. The institute is poised for achieving greater heights in technical education".

Dr M.K. Totlani

Sr. scientist Rtd.,
BARC, Mumbai

"With focus on strong organization, modern infrastructure and experienced faculty, ITM is emerging as a distinguished institute for engineering studies in the region. ITM Universe consistently invests in round-the-year events and seminars inviting students, teachers and industry to a common platform creating unique opportunities for everyone to share and learn."

Ganesh Jivani

CEO, Matrix Comsec, Vadodara

"Excellent way of teaching & functioning of campus. Staff and students both are excellent. Nice to interact and work with Team ITM Universe, Vadodara".

Jignesh Patel

Director, Khodiyar Group, Vadodara

"ITM Universe has made substantial strides in the field of engineering and management education in the last 4 years. It has all the resources in its kitty to set high benchmarks in the field of engineering and provide the industry with quality manpower. The USP of this institute is the strong industry institute interface that it has managed to establish in a short span of time. I am confident about the future prospects of this institute."

Prem Raj

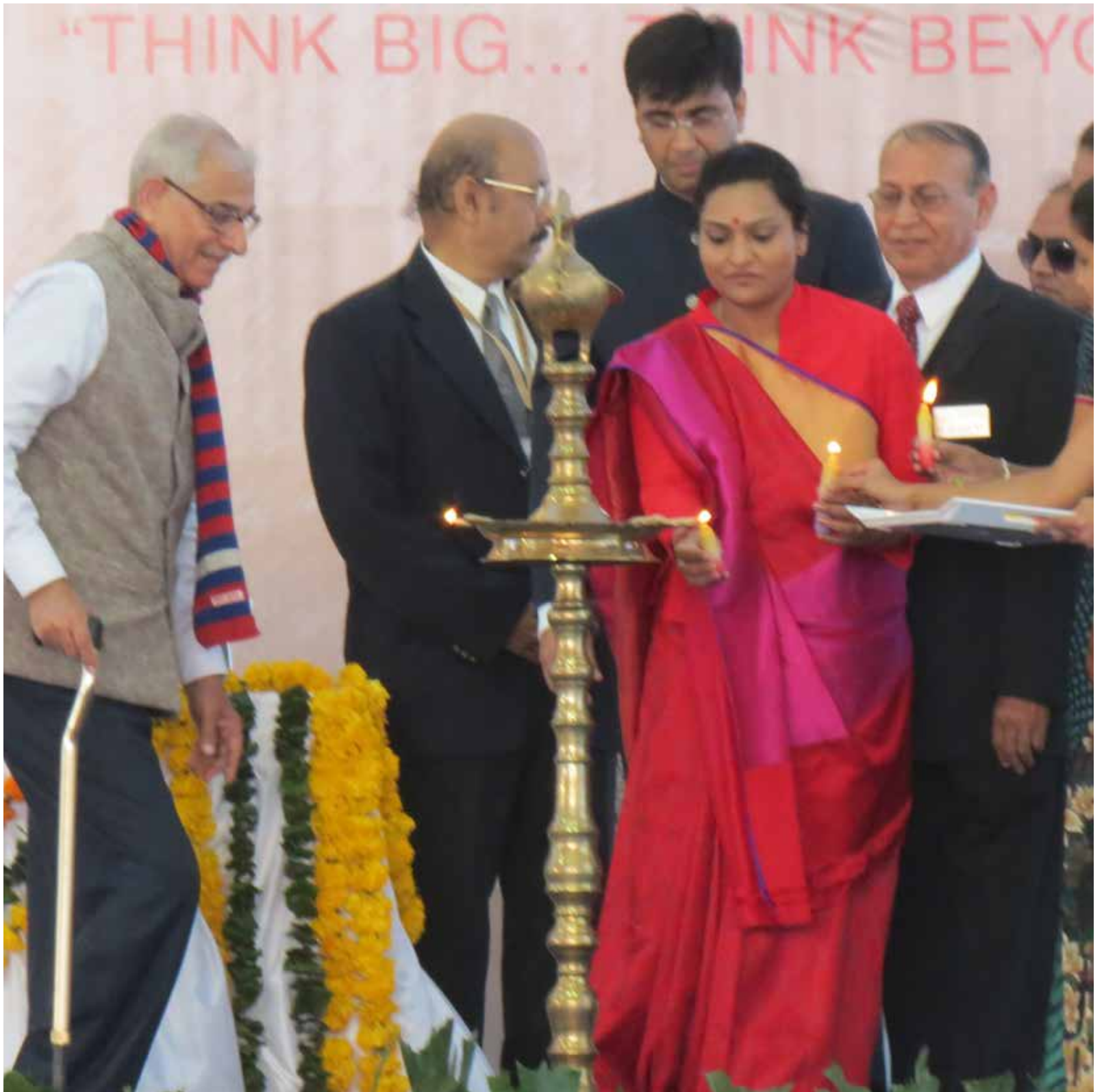
MD, KYB-Conmat
Vadodara.

"I have visited ITM Universe, campus after some time and saw renewed energy, confidence and discipline everywhere. Campus is like living in resort and getting educated. Management has very ambitious and progressive outlook. My best wishes."

Rajeev Jain

Vice-President, Refrigerant Business
Gujarat Fluoro Chemicals
Ranjeet Nagar





Inauguration ceremony of Subrahmanyam Chandrasekhar Block by Prof. Om Prakash Kohli Ji, Hon. Governor of Gujarat.

Extra Curricular Activities

- ITM Universe, Vadodara celebrated Independence Day on 15th August, 2015, in which Prof. Uday Shelat, Director, ITM SAAD had delivered a heart touching speech that raised the patriotic spirits of the faculty and students a notch higher.
- Constitution Day of India, Republic Day was celebrated in true spirits by felicitating the teaching and non-teaching staff for their work and commitment, on 26th January. It was a rare gesture by the management as it was one of a kind initiative. As many as 10 teachers and 10 non-teaching staffs were given this rare honor.
- Blood Donation and Thalesmia Checkup camp were organized during ILLUMINATI 2015, Annual Tech and Cultural Fest of ITM Universe on 14th February, 2015 which saw the participation of many blood donors and was counted as one of the highest donations in a single day across Vadodara.
- Ganesh Chaturthi was celebrated in a unique fashion, by making Ganeshaa through pure clay to avoid pollution and avoid mother earth through the disastrous calamities of Global Warming.



- Makar Sankranti was celebrated in its true avatar with colorful, innovative kites taking a flight in the sky and colorful hats making their presence felt on the happy and sunny morning of 14th January with special guests from abroad, International Sculptors who were in the campus on the eve of a month long International Sculptor Symposium.



Cultural Events Organized by ITM Universe, Vadodara

- **Kalpini Komakali**, daughter of trail blazing maestro, Kumar Gandharva was invited for a rare one of a kind classical Sangeet Sammelan, “Gandharva Swara, a tribute to the never ending aroma of fresh flowers and musical beats that were meant to stir the soul of music loving people at an elegant and divine evening and early morning of 11th and 12th April, 2015.
- **Padamshree Surendra Sharma** was invited for a rare Hasya Kavi Sammelan – “Haas-Parihaas” with other artists, Manjar Bhopali, Ghanshyam Aggrawal, Kunvar Javed, which saw the whole of Vadodara, laughing their heart out at a crazy evening on 17 February, 2015 at the eve of Maha Shivratri.
- **Padamshree Nida Fazli** was invited for a soul stirring and emotion filled Shayri Sammelan, that saw the city of Vadodara experience the sheer magic and depth of our Urdu Shayri that made people go back to the era of Mirza Ghalib and experience the delight of our valuable yet ignored heritage. This event was organized on a cool breezy evening of 10th October 2014.



- **Art Symposium 2015** was organized in the campus of ITM Universe, Vadodara. This symposium has invited some of the most prominent painters from all over the country. There were 15 artists from different parts of the country who prepared their art works in the campus. Campus provided them all the facilities.
- **International Sculptor Symposium 2015** also took place during the same time of January – February 2015. The renowned sculptors from across the world became the guests of ITM Campus and worked on their respective art works. There were 9 Sculptors from different parts of the world. Their art works / sculptors, now, embellish the eco-friendly campus of ITM Universe, Vadodara.



ITM UNIVERSE, VADODARA

RULES TO BE STRICTLY FOLLOWED BY ITM UNIVERSE & ITM SAAD STUDENTS

- Should compulsorily wear Uniform and I-card regularly on all working days and during all examinations. However, every Saturday would be observed as casual day for the uniform.
- Should not sit in the canteen other than the recess hours.
- Should use library in case of any free slot in the time table.
- Should reach and occupy their seats in respective classrooms within 2–3 minutes after the bell and specifically after the recess hours. Afterwards, the student will not be allowed to enter the class, and will have to go and sit in the library and will be allowed to sit in the next class only after seeking permission from the Director. In no case will he/she be allowed to wander around in the campus.
- Abnormal and indiscipline behavior of boys/ girls (which also includes union activities and use of foul language) in the campus will not be tolerated and will invite strict action and may even lead to rustication from the institute.
- As per GTU norms, any student must NOT use mobile in the ITM Universe campus premises. However, the use of mobile phone is permitted in canteen and outside the educational premises in case emergency, only for telephonic conversation.
- Ragging of a student in any form in the campus is strictly prohibited as per Government norms. If found guilty, can lead to the rustication from the institute.
- Should attend the classes as per the department/class time table, failing which the student will bear all the consequences as levied on him/her by Institute Authority.
- Should be regular, attentive and serious towards his/her studies during the whole semester.
- Under no circumstances the student's attendance in theory and practical classes (separately) shall fall below 75% as per requirement of G.T.U. In case the attendance falls below the requisite attendance, he/she shall comply with the decision taken by college authorities and may even be debarred from appearing the Semester exam of G.T.U., Ahmedabad. The student shall also be deprived of the opportunity to avail campus Placement if he/she fails to have requisite attendance.
- Should obey the rules & regulations as laid down by the college from time to time and shall maintain proper discipline.
- In the situation when a student is unable to attend the classes due to illness, he/she shall inform the college authorities within three days and shall submit the medical certificate within seven days, from a registered practitioner duly endorsed by the college doctor.
- Should reach the campus as per the schedule of the campus i.e. before 8:30 am for 1st shift and 11:00 for 2nd shift.
- Students should behave properly in the bus, should follow basic etiquettes like offering seats to girls/faculty members and avoid making noise throughout the journey; failing which will lead to cancellation of transportation facility.
- Should observe strict discipline during classroom hours and not disturb the students who seriously want to study.

Director
ITM Universe, Vadodara

INSTITUTE OF TECHNOLOGY & MANAGEMENT UNIVERSE

ITM Universe Campus, Dhanora Tank Road, Behind Supreme Hotel, Paldi Village, Halol Highway,
Waghodia Taluka, Vadodara - 391510 (Gujarat) INDIA; Tel.: 02668-291991, 292946



Sr. No.

1. Full Name: (IN BLOCK LETTER)
(FIRST NAME) (MIDDLE NAME) (LAST NAME)
2. Father's Name:
Email:..... Cell No.
3. Mother's Name:
Email:..... Cell No.
4. Date of Birth: Student Email:..... Cell No.
5. Address:
6. Guardian's Name (if any)..... Cell No.
7. Course : B.E/MBA/MCA/B.Arch./D.Arch.:.....
(Please select from above mentioned courses)
8. Preference of Branch: 1..... 2..... 3.....
9. Caste Religion..... Nationality
(General/SC/ST/SEBC/OBC)
10. Details regarding examinations passed or attempted:

Affix 3 colour photos

Name of Examination	Name of University/Board	Month & Year of Passing	Merit Marks/Percentage
For Degree Engineering			
H.S.C.			/300
For MBA/MCA			
Graduation Percentage (Average of 2nd & 3rd Year %)			
CMAT			
For Degree in Architecture			
H.S.C.			
NATA			
For Diploma in Architecture			
S.S.C			

11. Registration No. of Admission Committee
12. Merit No. of Admission Committee 13. Total Merit Marks of ACPC

Signature of Father/ Mother / Guardian

Signature of the Applicant

Date:-

Encloser: • S.S.C, H.S.C, GUJCET (for Engineering) NATA (for B.Arch) & Graduation Mark-sheets (for MBA/MCA/Admission)
• School leaving Certificate

Note: A) Admission strictly on merit basis. •B) Registration Fee is non-refundable.

Undertaking: I shall not claim any refund of fees under any circumstances whatsoever and shall deposit the entire course fee in case of withdrawal from the course. I hereby declare that the statements made in this form are true to the best of my knowledge and belief. I have read in detail the rules and regulations of the institute regarding attendance, discipline & schedule of payment of fees and agree to abide by them.

નોંધ:-

ક) પ્રવેશ ગુજરાત ટેકનોલોજીકલ યુનિવર્સિટી તથા ગુજરાત સરકાર ધ્વારા નિર્ધારિત પસંદગી પ્રક્રિયાના આધારે થશે.

બ) અરજી કરનારને રજીસ્ટ્રેશન ફી પરત આપવામાં આવશે નહીં.

હું કોઈ પણ સંજોગોમાં શાખા / કોર્સ છોડીશ તો જમા કરેલી ફી પાછી નહીં માંગું. હું અહીં જણાવેલું કે આ ફોર્મ માં લખેલ વિગત પૂર્ણ પણે સત્ય છે. સંસ્થાના અનુશાસન અને ફી સંબંધી બધા નિયમો તથા શરતો મેં વિસ્તૃત રૂપમાં વાંચી લીધા છે અને તેની સાથે હું સહમત થાઉં છું.

Father's / Guardian's Undertaking

My Son / Daughter / Ward is seeking registration for admission with my consent and in the event of his or her being admitted to the School (faculty) under the aegis of ITM Universe, Vadodara, I will be personally responsible for:

- (1) His / Her good conduct and behaviour during his / her stay at the Institute.
- (2) Return of books issued to him / her by the Institute.
- (3) Any other liability related to his / her stay in the Institute.
- (4) His/her zero involvement in cases of ragging of any student.

Further, I undertake to pay his / her fees on time (as per schedule of the University/Institute notified through Notice Boards), hostel, canteen dues and other expenses in the campus and on educational tours. I also agree that he / she will submit to the discipline of the University/Institute as administered by the concern authority.

Place :

Signature of Father/Mother/Guardian

Date :

Undertaking by the Student

1. I declare that I have not been debarred from joining any educational institution or rusticated from the Institution / University / Board last attended.
2. I declare that all the statements made in the application are true to the best of my knowledge and belief.
I clearly understand that if any of the statements is subsequently found untrue, my admission to the University/Institute would stand cancelled.
3. I have read the prospectus and instructions as informed by the Institute carefully.
4. I have satisfied myself that I fulfill the minimum educational, physical, moral and medical standards and that I agree to be dismissed from the Institute if found deficient in these standards during the course of my stay in the Institute.
5. I agree that admission may be granted to me on the conditions stated in the latest edition of the prospectus / syllabi prescribed by competent authorities of the Institute and modifications thereof – as may be made by the authorities of the Institute.
6. I have read the rules, regulations & code of conduct as prescribed by ITM Universe. I promise to abide by them and those that may be made in future, for the admission to the Institute and its hostel. I also promise that I will do nothing inside or outside the Institute that will interfere with its discipline and dignity & reputation of the Institute.
7. I totally agree to abide the University rules of attending classes & labs. as per rules and that my examination form may not be forwarded to the University in case I fail to attend minimum 75% of total classes & labs.
8. I understand that I have to pay full fee of course (in any case) once admitted as per schedule of the Institute and agree to pay the fees as decided by the Institute from time to time.
9. I shall never involve in any case of ragging student. I agree that if I am found guilty in any kind of ragging of students, my admission shall be summarily cancelled and Institute will be free to hand over my case to the Police for legal action.

Place :

Signature of the Student

Date :

*“Be the change you wish
to see in the world.”*

- Mahatma Gandhi



Management is not responsible for any typographical errors in this brochure.



