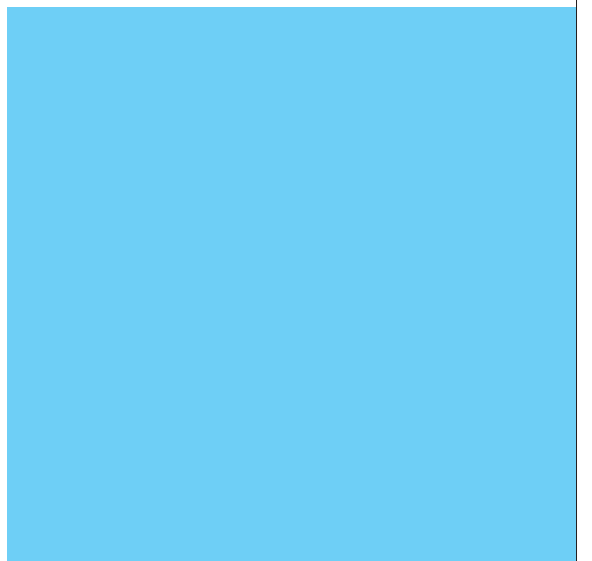
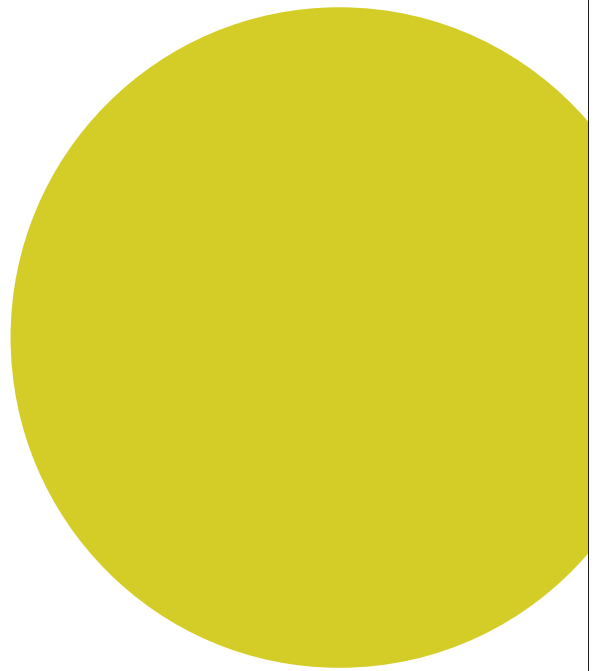
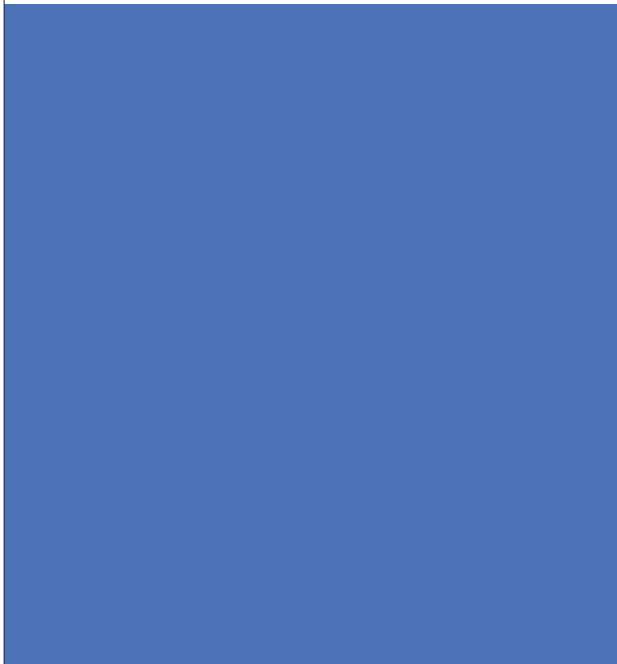
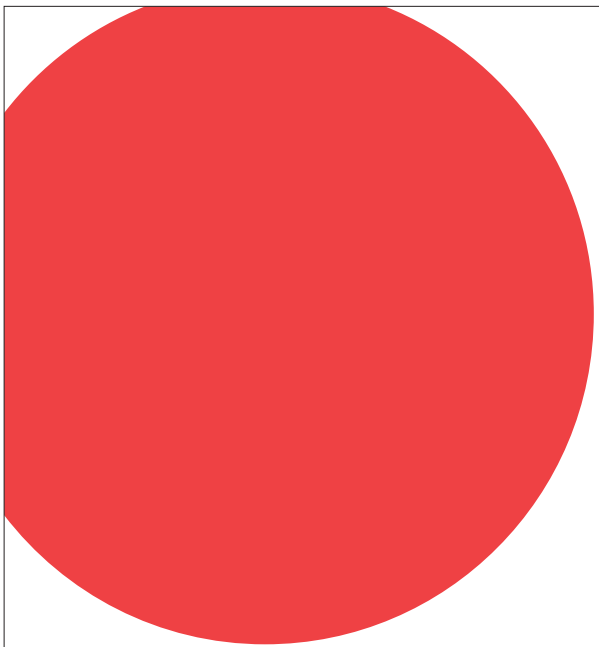


WHERE PRACTICE MEETS THEORY



AN OVERVIEW
ACADEMIC YEAR 2017-2018





Indus University (UGC approved) is one of the leading universities in Gujarat. It aims to bring about social changes through education, skill development, research and innovation. It provides diverse opportunities for students to improve their knowledge and skills to face challenges and be successful in today's world.

Indus University offers undergraduate, postgraduate degrees and research programs. These are well supported by 250 plus teachers from various disciplines. The University has state-of-the-art infrastructure and resources to enable teaching, learning, research and innovation.



First Convocation 2016

INDUS UNIVERSITY
HAS EMBARKED ON A
PROGRESSIVE PATH TO
PROVIDE PROFESSIONAL
EDUCATION IN DIVERSE
DISCIPLINES TO ENSURE
THAT STUDENTS TURN INTO
A PROFESSIONAL AND
DISCIPLINED WORKFORCE
THAT CAN CONTRIBUTE TO
THE LOCAL AND NATIONAL
CONTEXT, RATHER THAN JUST
BEING DEGREE HOLDERS.

Maj. Gen. (Dr.) S. S. Dasaka, SM, VSM (Retd.)
Executive President

U



Indus University is the brainchild of engineering entrepreneurs, industrialists, professionals and the socially active Bhandari Family, conceived to provide highly skilled manpower and contribute to the growing economy of India.

To create trained manpower to satisfy the ever rising need for technology professionals. Indus University has evolved its curriculum to incorporate industrial exposure by means of industrial training, visits and lectures by eminent personalities.

It is committed to provide an enlightening academic experience, inculcating life skills in students and producing world class engineers and managers.

ABOUT **INDUS** **UNIVERSITY**

The University aspires for excellence with its innovative and vibrant professional programs. It boasts of a student-teacher body that is open-minded and collaborative, which contributes to making Indus family a socially conscious group. Indus family with its students, teachers and programs, reaches out to communities—both local and global—to explore opportunities to contribute effectively towards teaching and learning.



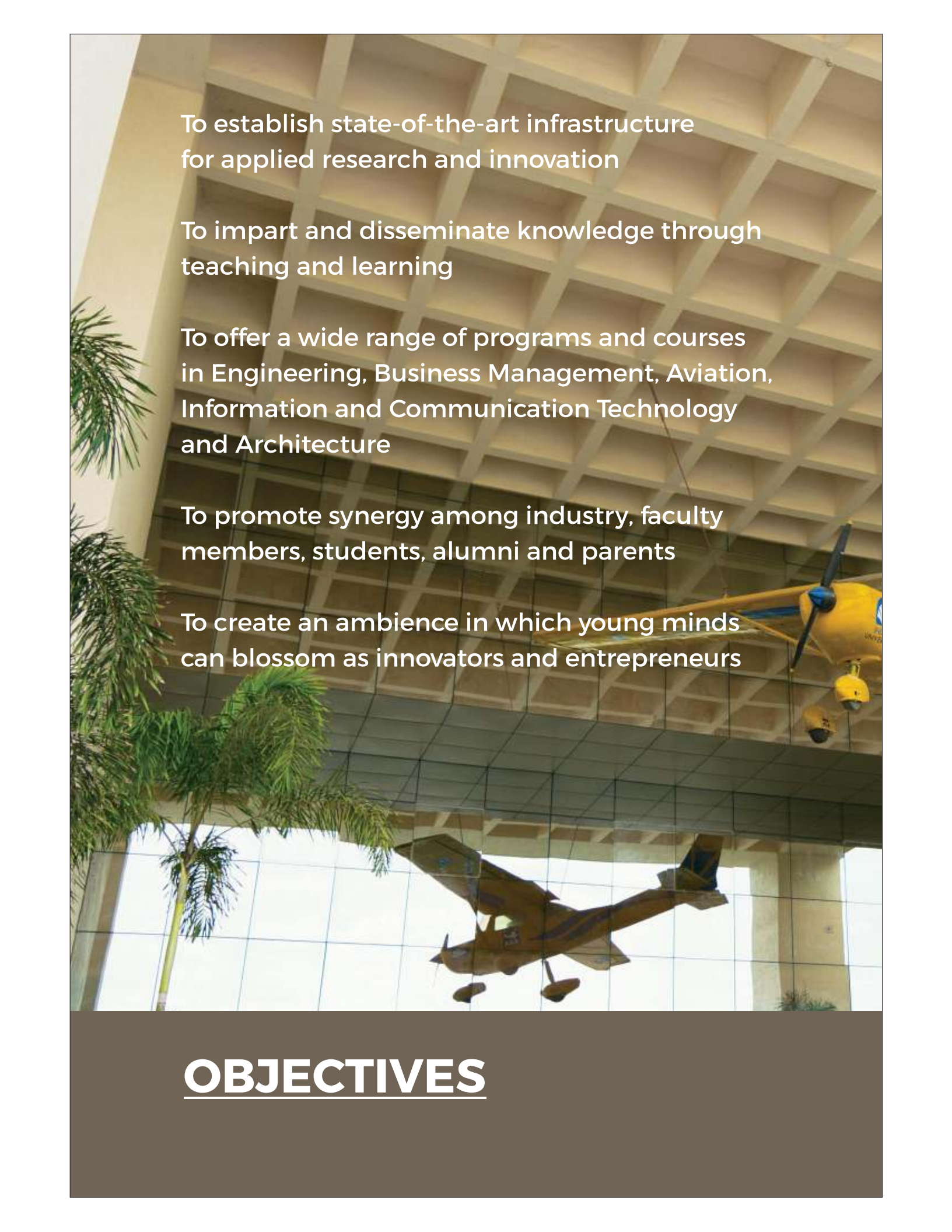


VISION

To be a nationally acclaimed university-amongst the best universities in the country-for academic excellence, professional relevance, research and innovation in socially relevant thrust areas, seamlessly integrating Indian values with a global ethos, satisfying all its stakeholders.

MISSION

To offer quality education and skill development in the fields of technology and engineering, environment and architecture, management and special studies to members of the community in the best traditions of creative and innovative teaching—a learning process encompassing the philosophy—“where practice meets theory”—by ensuring state-of-the-art infrastructure and attracting competent and qualified faculty members who are engaged in research and development activities aimed at nation building.

The background image shows a large, modern building interior. The ceiling is a prominent feature, consisting of a grid of square panels. Two model aircraft are suspended from the ceiling. One is a yellow and blue propeller plane, and the other is a brown and blue biplane. The walls are made of large glass panels, and there are some green plants visible on the left side.

To establish state-of-the-art infrastructure for applied research and innovation

To impart and disseminate knowledge through teaching and learning

To offer a wide range of programs and courses in Engineering, Business Management, Aviation, Information and Communication Technology and Architecture

To promote synergy among industry, faculty members, students, alumni and parents

To create an ambience in which young minds can blossom as innovators and entrepreneurs

OBJECTIVES

QUALITY POLICY

Continuous upgradation of course curriculum, regular academic auditing processes and procedures to meet skilled human resource requirements of the society.

EDUCATION PROGRAMME

Indus University evolved from the first institution, Indus Institute of Technology and Engineering (IITE), which was established in 2006 incorporating diverse disciplines in Science & Humanities, Engineering, Technology, Management and Computer Application for UG and PG programmes.

The other constituent institutes which offer the most sought after courses are Institute of Design, Environment & Architecture (IDEA), Institute of Aviation Technology & Engineering (IATE), Indus Institute of Management Studies (IIMS), Institute of Information & Communication Technology (IICT), Indus Institute of Special Studies (IISS) and Indus Centre For Research Innovation & Skill Development (ICRISD). Apart from the autonomous programs, admission procedures follow the guidelines of Admission Committee for Professional Course (ACPC) of the State Government. The fee structure of the programmes is governed by the Fee Regulatory Committee (FRC) of Gujarat State Government.

Reservation of seats is as per the policies of Gujarat Government. However, specific percentage of seats is allocated as per Management quota.

Meritorious candidates are admitted to the entry level programs after screening on the basis of their performance in national level competitive examinations specific to the courses.

UNDER GRADUATE PROGRAMMES

The Science & Technology UG programmes transform a student into a professional. The learning process includes classroom teaching, industrial visits and industry internship. These programs also have workshop practice and training through simulation and modeling.

3 or 4 YEARS
[6 or 8 SEMESTERS]

POST GRADUATE PROGRAMMES

Indus University offers a well-developed post graduate programs in various fields. Investing time in post-graduate programs not only aids students to study the subject but also makes them stand apart in their respective fields with a different insight. At Indus, courses not only deepen subject knowledge but also enhance career prospects for students. These courses open multiple doors of opportunities for further studies both in India and abroad.

2 or 3 YEARS
[4 or 6 SEMESTERS]

BACHELOR OF TECHNOLOGY (B.TECH)

4 years Programme

8 Semesters

BACHELOR OF ARCHITECTURE (B.ARCH)

5 years Programme

10 Semesters

BACHELOR OF SCIENCE (AIRCRAFT MAINTENANCE)

3 years Programme

6 Semesters

MASTER OF TECHNOLOGY (M.TECH)

MASTER OF COMPUTER APPLICATION (MCA)

MASTER OF BUSINESS ADMINISTRATION (MBA) - IIMS

MASTER OF BUSINESS ADMINISTRATION (MBA) - IITE

MASTER OF SCIENCE (IT)



INTEGRATED PROGRAMMES

Indus University has launched 5-year integrated programmes in variety of disciplines. Students with HSC in Science/Commerce/Arts are eligible for these programmes. Students will be awarded appropriate Bachelor's degree on successful completion of 3 years, and Master's degree after 2 years of completion of Bachelor's degree. The purpose is to provide holistic education to students with an integrated post graduate degree in computer application, information technology and management studies.

RESEARCH FACILITIES

Research is an opportunity to pursue one's subject of interest and take it to the core. As a research student, one meticulously studies the subject, approaches it differently; distilling knowledge further. Indus University invites professional researchers and academically inclined students to pursue their areas of interest and widen their path of knowledge further. The University has established laboratories with advanced technologies to carry out research activities at the postgraduate level.

INTEGRATED M Sc (CA & IT)

5 years Programme
10 Semesters

INTEGRATED MCA

5 years Programme
10 Semesters

INTEGRATED MBA

5 years Programme
10 Semesters

CAD / CAM

HIGH VOLTAGE ENGINEERING

POWDER METALLURGY

SOLAR ENERGY

INDUS FOUNDRY TRAINING & RESEARCH CENTER (IFTARC)

INDUS CENTRE FOR WELDING TECHNOLOGY (ICWT)

**DASSAULT INDUS COLLABORATIVE LEARNING &
INNOVATION PROGRAMME (DICLIP)**

AVIATION







INDUS INSTITUTE OF TECHNOLOGY & ENGINEERING

B.Tech · M.Tech · MBA · MCA · Ph.D

The technology and engineering programs at IITE transform a student into a professional. The learning process includes classroom teaching, industrial visits and industry internship. These programs also have workshop practice and training with simulation and modeling. The PG programs in engineering are in the specific fields such as CAD/CAM, Construction Project Management, Digital Communication, Electrical Power Systems, Industrial Metallurgy and Structural Engineering. These programs have been structured to provide students with 'Hands-on' experience, team work, and leadership skills.

B.Tech

AUTOMOBILE ENGINEERING · CIVIL ENGINEERING · COMPUTER ENGINEERING · COMPUTER SCIENCE AND ENGINEERING · ELECTRICAL ENGINEERING · ELECTRONICS AND COMMUNICATION ENGINEERING · INFORMATION TECHNOLOGY · MECHANICAL ENGINEERING · METALLURGICAL ENGINEERING

M.Tech

CAD/CAM · CONSTRUCTION PROJECT MANAGEMENT · DIGITAL COMMUNICATION · ELECTRICAL POWER SYSTEMS · INDUSTRIAL METALLURGY · STRUCTURAL ENGINEERING

MBA

(MARKETING, FINANCE, HUMAN RESOURCE AND INFORMATION TECHNOLOGY)

MCA



INSTITUTE OF INFORMATION & COMMUNICATION TECHNOLOGY

Integrated M.Sc [CA & IT] (B.Sc+M.Sc) • M.Sc [IT]
Integrated MCA (BCA+MCA) • MCA • PhD



IICT offers Information Technology programmes focused on critical learning issues related to cloud computing and cryptography besides providing extended knowledge on basic and fundamental issues of computers and computing environments. The program courses include computer programming, data structure, mobile computing, object oriented systems, computer networks, visual programming and software engineering.

INDUS INSTITUTE OF MANAGEMENT STUDIES

Integrated MBA (BBA+MBA) • MBA • Winter MBA • Ph.D



IIMS offers specialisation in the areas of Marketing, Finance Human Resource (HR) and Information Technology (IT). The programmes focus on participants developing competence to achieve excellence in related fields with high ethical standards. The programmes are structured to enable them to adapt to national and international standards. The integrated MBA aims to groom young students to become management professionals. It differentiates itself through innovative practice, and case study base learning. The Integrated programme provides for an option of being eligible for BBA degree at the end of 3 years.





INSTITUTE OF DESIGN ENVIRONMENT & ARCHITECTURE

B. Arch

Institute of Design, Environment and Architecture (IDEA) offers bachelor's degree programme (B.Arch) approved by the 'Council of Architecture'. The program is a synergetic mix of theory and practice, blending fundamental courses of design of structures with fruitful learning visits to places of architectural importance with a view to provide 'Hands-on' exposure to structural aspects followed in a specific location, thereby stimulating the thinking amongst budding architects.



INSTITUTE OF AVIATION TECHNOLOGY & ENGINEERING

B.Sc (AM)



This is a unique graduate level programme in Aircraft Maintenance. As, in addition to university degree, student can opt for Directorate General of Civil Aviation (DGCA) approved Aircraft Maintenance Engineering (AME) Certificate course most sort after by all scheduled and non-scheduled airlines, chartered services, cargo and air taxi services.

INDUS INSTITUTE OF SPECIAL STUDIES

CENTER FOR SWADESHI INDOLOGY



IISS addresses issues related to society at large emphasizing Indian and ancient values in art, culture, history, philosophy and religion with a belief that "Knowledge Knows No Boundaries". The Institute organizes guest lectures by eminent personalities on topics of current interests and social relevance on a regular basis. It also conducts certificate courses in Sanskrit for students.





INDUS CENTRE FOR RESEARCH INNOVATION AND SKILL DEVELOPMENT

Knowledge, research, innovation and skill development are the pillars on which the world is growing and Indus University is dedicatedly working on knowledge development of students. Presently the University is enhancing its capabilities to become the pioneer in the field of innovation and skill development by establishing ICRISD. The aim of ICRISD is to promote leading edge innovation and carry out skill development at the international level for various sectors of Indian industries and society.

The academic community also needs professional training and skill development to meet the current needs of academic institutions, industry and businesses. Training of trainers and teachers to provide professional and competitive skill and knowledge to students is a key requirement in the current scenario in India. ICRISD aims to fulfill this growing need for skilled manpower in India across various sectors and bridge gap between the demand and supply.



EXCELLENCE **REDEFINED**

INDUS FOUNDRY TRAINING AND RESEARCH CENTER (IFTARC)

IFTARC, a metallurgical skill development and research centre of Indus University, is promoted by Electrotherm India Limited and supported by The Centre for Entrepreneurship Development (A Govt. of Gujarat Organization) under the Specialized Skill Development Scheme of the Gujarat Industrial Policy 2009, has been established under ICRISD.

OBJECTIVES

To educate, train and provide research oriented inputs to engineering students for foundry related activities.

To bridge the demand for skilled manpower and make foundry career a rewarding and fulfilling experience.

To increase University-Industry interaction and strengthen consultancy and industrial services.

To impart education regarding shop floor documentation, dissemination of relevant information and knowledge for efficient foundry operations.

BENEFICIARIES

M Tech students/Ph.D scholars for their projects.

Faculty for carrying out consultancy projects.

Students undergoing diploma/graduate engineering courses in different disciplines like Metallurgical/Automobile/Mechanical and Production Engineering.

ITI Certificate holders/B.Sc Degree holders

Operators/Technician/Skilled & unskilled workers in industries.



INDUS CENTRE FOR WELDING TECHNOLOGY (ICWT)

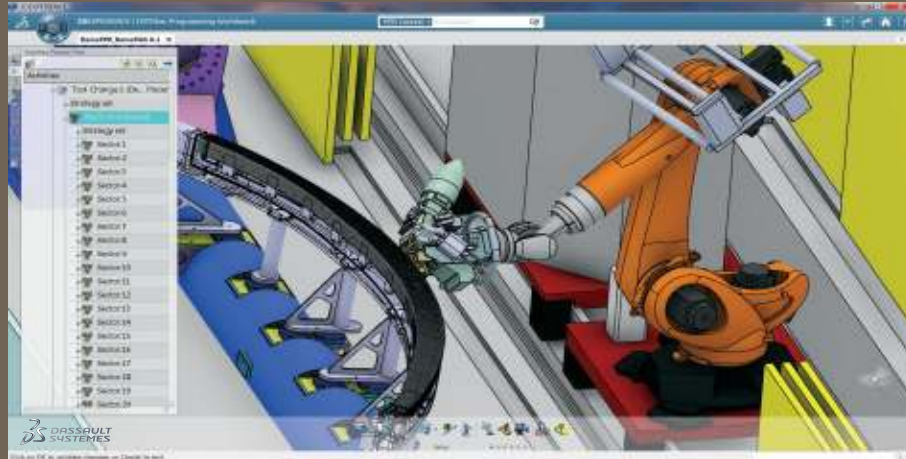
A course on 'Welding Technology' has been introduced at ICWT, which is meant for candidates who aspire to become professional welders. ICWT is a center of Indus University which is promoted by Electrotherm (India) Limited and supported by the National Skill Development Center (NSDC) and Center for Entrepreneurship Development (An organization of Govt. of Gujarat) under the Specialized Skill Development Scheme of the Gujarat Industrial Policy 2009. There is a shortage of skilled welders in the industry despite large number of ITI students passing out every year. The fabrication industry is also looking forward to trained manpower possessing basic minimum skills. In spite of requirements of the fabrication industry, they are unable to organize training in all round skills, for unskilled workers. Further, the remuneration without basic skills is poor; hence people are not attracted to tiresome fabrication floor jobs.

It is with this background that a fabrication training center was conceived, to bridge the gap of shortage of skilled manpower, and at the same time make a career in fabrication more rewarding.



DASSAULT INDUS COLLABORATIVE LEARNING & INNOVATION PROGRAMME (DICLIP)

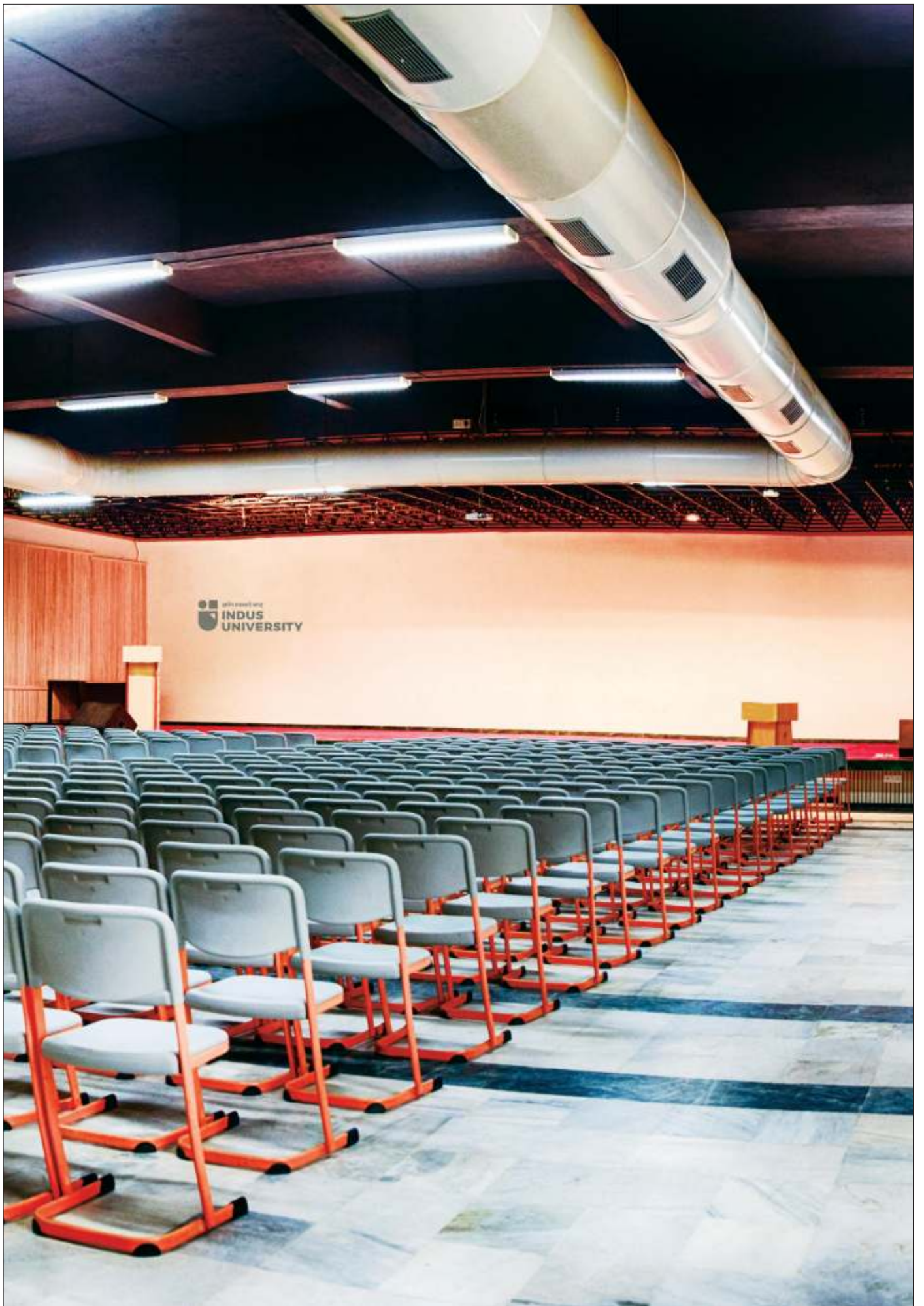
As a part of ICRISD, DICLIP has been initiated at Indus University in association with Dassault Systems to facilitate students in enhancing their engineering skills and knowledge through working on projects in an industry-like environment using Dassault V6 designing and modeling software for Academia as the learning platform.



DICLIP is a one-of-its-kind programmes in India and focuses in bringing out creativity in students through project based learning which is based on a practical approach. The students are not bound by rigid or set curriculum and training provided is of a flexible nature. The innovative approach enables the students to apply knowledge of engineering principles in real-life scenarios and to be able to verify the results observed. The students work in multi-disciplinary teams and are given exposure to a work experience similar to that of a real-world engineering design environment.

INDUS GLOBAL EDUCATION [IGE]

IGE continuously strives to bring the best of the world to their students. This is achieved by undertaking exchange activities with international institutes of excellence in the field of higher education through collaborative MOUs with the University of Ontario, Institute of Technology, Canada; Vaughn College, NY, USA; and Jaramogi Oginga Odinga University of Science & Technology, Bondo, Kenya. Indus University in partnership with the Indo-China Economic Council (ICEC) has signed an MOU with SIAS International University, the First American University in China.







THE WORLD
OF INDUS

LIBRARY

Spread across 600 sqm, the well-stocked library is a source of latest information related to diversified disciplines of Science, Engineering, Management, Architecture and Aircraft Maintenance which supports students and faculty in learning and research. It has a collection of over 25,000 volumes besides subscriptions to more than 250 national and international journals. It is also stocks digital learning resources like e-books, e-journals, project reports along with CDs and DVDs on specific topics of interest. One can also find reprographic facilities in the library. It follows the Dewey Decimal Classification System for the arrangement of books and established practices in lending its resources to the faculty and students.

The library has an Online Publication Access Catalogue (OPAC) permitting users on the campus to access the catalogue from their desk. Indus University library has an institutional membership with ADINET and DELNET providing online access to a large number of e-books and e-journals.



TRANSPORTATION

The University has a safe and secure transport service for faculty members and students on specific routes covering more than 60% of the city. Apart from this, buses bearing number 51/A of AMTS (from Lal Darwaja to Rancharda Village via: Palodia Tekra - Palodia Village & Indus University, covering 44 stops) provide more than 12 services daily.

SPORTS AND GAMES

Indus University has always encouraged students' participation in extra-curricular activities not only by hosting specific sports events but also sponsoring the participants in competitions held elsewhere. Apart from creating infrastructure and facilities for a variety of indoor and outdoor games, it has also sponsored several such events held at various other locations.



HOSTEL

Indus campus has modern hostel facilities for both boys and girls, which have onsite indoor sports facilities, a cafeteria and a food court.



COMPUTING FACILITY

Indus University has leased line internet connection which is locally networked and connected through wired and wireless network covering the entire campus. Computer laboratories are equipped with the most advanced systems for both Windows and Linux servers. Students can get hands-on experience on the latest software packages and programmes and browse selected internet sites at the same time. All e-books and study material including all academic related data can be accessed through campus connectivity. With 24x7 internet connectivity and full-fledged integration with Google Apps, information sharing across various platforms is easy.



CANTEEN

The canteen at Indus caters to different tastes and preferences of students, faculty members and staff by providing refreshing, mouth-watering vegetarian delicacies. The food served at the canteen is examined regularly for its nutrition value and hygiene. The canteen can accommodate around 200 students at a time. Modern equipments are used for cooking hygienic and nourishing food.



ACTIVITIES



The Voice of India Season 2 - 2016
Participation by Archit Patadia



Team Impulse at ABU Robocon



SWACHHATA BHARAT ABHIYAAN by Indus Robotics Club





Akshay wins scholarship shootout to race India's fastest racecars



Rushiraj Barot - Gold at Junior World Championship



Women's Day Indus University



Guest talk by Dr. A S Pillai 'Father of BrahMos' Padma Bhushan



Go-Kart Participation

BRANDS WHO TRUSTED OUR STUDENTS

TRAINING & PLACEMENT

The Training and Placement Department provides interface for training and placement of students with appropriate industries and organizations.

We are continuously working to increase the number of industries and organizations participating in training and placements. Indus University also provides on-campus jobs and project opportunities to students.



**LEAP FORWARD
IN THE GROWING
CITY, AHMEDABAD
GUJARAT**



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