

## CONSTITUENT INSTITUTES



**INDUS INSTITUTE OF  
TECHNOLOGY & ENGINEERING**



**INSTITUTE OF DESIGN  
ENVIRONMENT &  
ARCHITECTURE**



**INSTITUTE OF INFORMATION &  
COMMUNICATION TECHNOLOGY**



**INDUS INSTITUTE OF  
MANAGEMENT STUDIES**



**INSTITUTE OF AVIATION  
TECHNOLOGY & ENGINEERING**



**INDUS CENTRE FOR  
RESEARCH INNOVATION &  
SKILL DEVELOPMENT**



**INDUS INSTITUTE OF  
SPECIAL STUDIES**

**INDUS UNIVERSITY**

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Gujarat, India

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WHERE PRACTICE MEETS THEORY

ज्ञानेन प्रकाशते जगत्  
**INDUS  
UNIVERSITY**

AN OVERVIEW



Indus University (UGC recognised) 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 a number of undergraduate, postgraduate and research programmes in various disciplines. 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.



Indus university embarked on an ambitious and progressive path to provide professional education in diverse disciplines to ensure that students do turn into a successful and disciplined workforce that can contribute to local and national context, rather than just being degree holders.

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



**Indus University, the brainchild of engineering entrepreneurs, industrialists, professionals and the socially-active Bhandari Family was 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, the 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 ever-innovative and vibrant professional programmes. It boasts of a student-teacher body that is always open-minded and collaborative, which contributes in making Indus family a socially conscious and responsive group. Its family with its students, teachers and programmes, reaches out to communities both local and global to explore opportunities to contribute effectively towards teaching and learning.

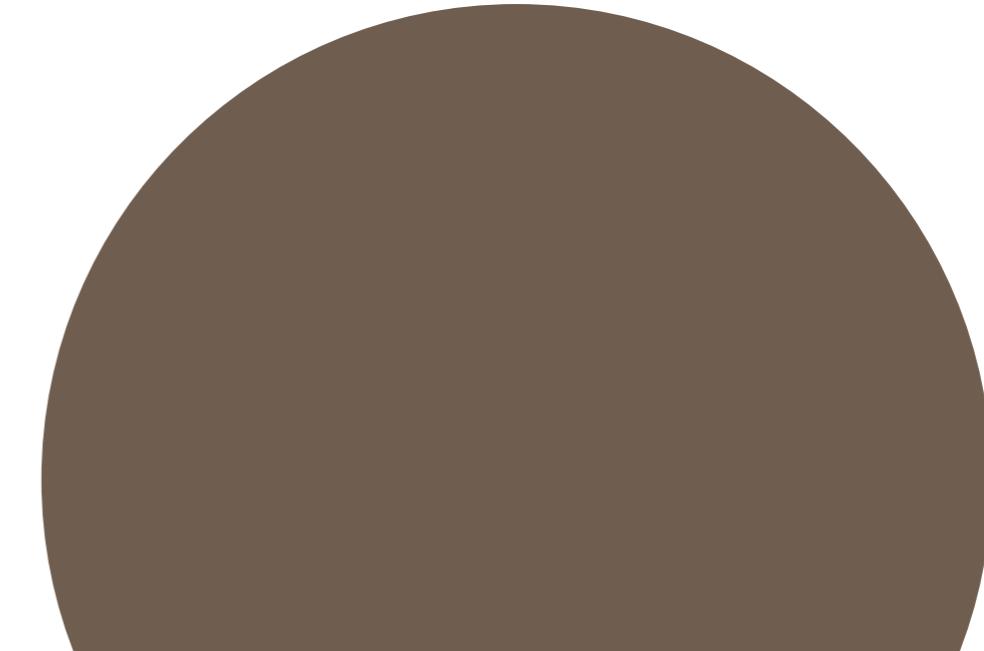
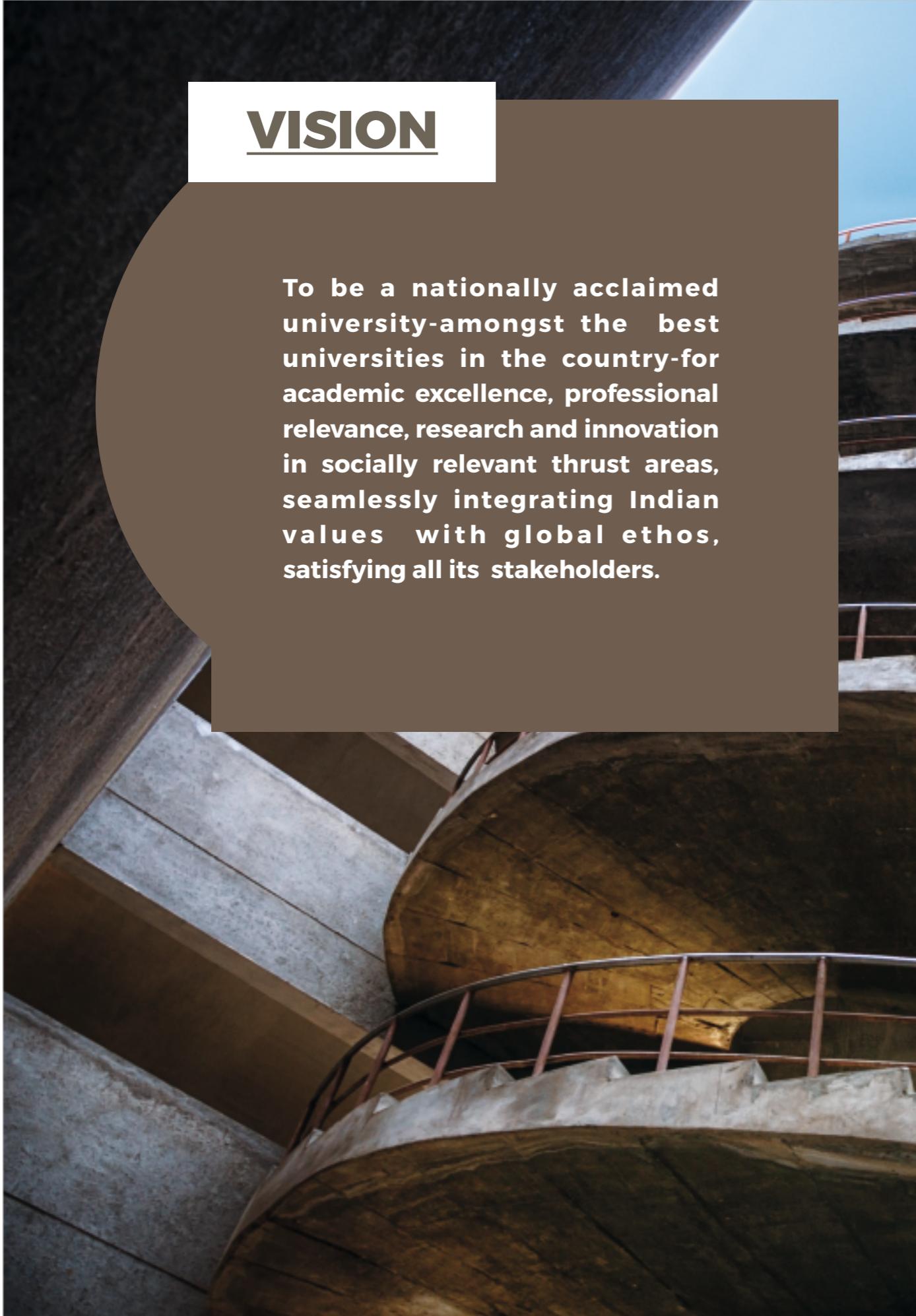


## **VISION**

**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 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 - 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.**





**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 programmes 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 PROGRAMMES**

Indus University evolved from its first flag-ship institution, Indus Institute of Technology and Engineering (IITE), which has been established in 2006 incorporating diverse disciplines in Engineering and Technology, Science and Humanities, Management and Computer Applications for UG and PG programmes.

The other constituent institutes which offer the most sought after courses are Institute of Design, Environment and Architecture (IDEA), Institute of Aviation Technology and Engineering (IATE), Indus Institute of Management Studies (IIMS), Institute of Information and Communication Technology (IICT), Indus Institute of Special Studies (IISS) and Indus Centre For Research Innovation and Skill Development (ICRISD).

Admission procedures follow the guidelines of Admission Committee for Professional Courses (ACPC) of the Gujarat State Government. The fee structure of the programmes is governed by the Fee Regulatory Committee (FRC) of the Gujarat State Government.

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

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

## **UNDER GRADUATE PROGRAMMES**

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

**3 to 5 YEARS  
[6 to 10 SEMESTERS]**

**BACHELOR OF TECHNOLOGY (B.TECH)** 4 years (8 Semesters)

**BACHELOR OF ARCHITECTURE (B.ARCH)** 5 years (10 Semesters)

**BACHELOR OF SCIENCE (B.Sc - Hons. AM)** 3 years (6 Semesters)

**B.B.A + M.B.A** 5 years (10 Semesters)\*

**B.Sc + M.Sc** 5 years (10 Semesters)\*

**B.C.A + M.C.A** 5 years (10 Semesters)\*

**B.COM (Hons.)** 3 years (6 Semesters)

**BACHELOR OF DESIGN (B.Des )** 4 years (8 Semesters)

**B.Sc (CLINICAL RESEARCH & HEALTH MANAGEMENT)** 3 years (6 Semesters)

**B.B.A (AVIATION MANAGEMENT)**

**B.B.A (LOGISTICS & SUPPLY CHAIN MANAGEMENT)** 3 years (6 Semesters)

(\* Dual Degree Integrated Programme)

## **POST GRADUATE PROGRAMMES**

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

**2 or 3 YEARS  
[4 or 6 SEMESTERS]**

**MASTER OF TECHNOLOGY (M.TECH)**

2 years (4 Semesters)

**MASTER OF COMPUTER APPLICATION (MCA)**

3 years (6 Semesters)

**MASTER OF BUSINESS ADMINISTRATION (MBA)**

2 years (4 Semesters)

**MASTER OF SCIENCE (MSc. - IT)**

2 years (4 Semesters)

**M.Sc. (CLINICAL RESEARCH)**

2 years (4 Semesters)

**M.B.A. (HEALTHCARE & HOSPITAL MANAGEMENT)**

2 years (4 Semesters)

**M.B.A. (LOGISTICS & SUPPLY CHAIN MANAGEMENT)**

2 years (4 Semesters)

**M.B.A. (AVIATION MANAGEMENT)**

2 years (4 Semesters)

**M.B.A. (PART TIME)**

3 years (6 Semesters)



## **INTEGRATED PROGRAMMES**

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

## **RESEARCH PROGRAMMES AND FACILITIES**

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

**INTEGRATED M.Sc (CA & IT)**  
**5 years (10 Semesters)**

**INTEGRATED MCA**  
**5 years (10 Semesters)**

**DUAL DEGREE (BBA + MBA)**  
**5 years (10 Semesters)**

**INTEGRATED- MBA**  
**4years (8 Semesters)**

**ENGINEERING**

**MANAGEMENT**

**COMPUTER APPLICATIONS AND SCIENCE AND HUMANITIES**

**SOLAR ENERGY**

**INDUS FOUNDRY TRAINING & RESEARCH CENTER (IFTARC)**

**INDUS CENTRE FOR WELDING TECHNOLOGY (ICWT)\***

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

**CLINICAL RESEARCH HOSPITALITY**

**HOSPITAL MANAGEMENT**

( \* - Under Establishment)





## INDUS INSTITUTE OF TECHNOLOGY & ENGINEERING

B.Tech • M.Tech • MBA • MCA • Ph.D

The technology and engineering programmes at IITE transform a student into a professional. The learning process includes classroom teaching, laboratory practice and training, industrial visits and industry internship. These programmes also have workshop practice and training with simulation and modeling. The PG programmes in engineering are in the specific specialisations such as CAD/CAM, Construction Project Management, Structural Engineering, Digital Communication, Electrical Power System and Industrial Metallurgy. These programmes 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

STRUCTURAL ENGINEERING

DIGITAL COMMUNICATION

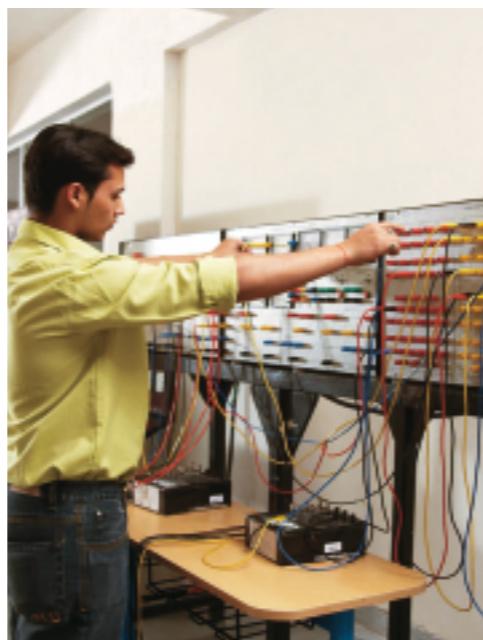
ELECTRICAL POWER SYSTEM

INDUSTRIAL METALLURGY

### **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) • 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. These programmes include computer programming, data structure, mobile computing, object oriented systems, computer networks and visual & software programming.

## INDUS INSTITUTE OF MANAGEMENT STUDIES



Dual Degree MBA (BBA+MBA) • Integrated MBA  
• MBA • MBA (PART TIME) • B.COM (Hons.) • B.B.A

IIMS offers specialisation in the areas of Marketing, Finance, Human Resources (HR) and Information Technology (IT). These programmes focus on participants developing competence to achieve excellence in related fields with high ethical standards. These programmes are structured to enable them to adapt to national and international standards.

In addition to MBA in the regular session, the institute also offers MBA programme commencing in January of every year. All the programmes aim to groom young students to become management professionals. They differentiate themselves through innovative practice and case study based learning. The Integrated programme provides an exit option of being eligible for BBA degree at the end of 3 years.





## INSTITUTE OF DESIGN ENVIRONMENT & ARCHITECTURE

B. Arch • B. Des

Institute of Design, Environment and Architecture (IDEA) offers bachelor's degree programme in Architecture (B.Arch) and in Design (B.Des).



### INDUS ARCHITECTURE SCHOOL BACHELOR OF ARCHITECTURE PROGRAMME (B. Arch)

This Programme is approved by the 'Council of Architecture (COA). The admission is through National Aptitude Test in Architecture (NATA).

Indus Architecture School is a synergistic mix of theory and practice, blending fundamental courses of design of structures with fruitful learning visits to places of architectural importance, both in India and abroad.

The programme provides 'hands-on' exposure to structural aspects followed in a specific location, thereby stimulating the thinking amongst budding architects.



### INDUS DESIGN SCHOOL BACHELOR OF DESIGN PROGRAMME (B. Des)

Indus Design School currently offers Bachelor of Design, attracting students all over the country with a passion to design and create. The program is based on a common foundation in the first year, diverging into various disciplines of design from Year 2 onwards:

- Industrial Design
- Fashion Design
- Communication Design



## INSTITUTE OF AVIATION TECHNOLOGY & ENGINEERING



B.Sc - Honours (Aircraft Maintenance)  
BBA (Aviation Management)  
MBA (Aviation Management)

This is a unique graduate level programme in Aircraft Maintenance. In addition to B.Sc (Honours) degree, students can opt for Directorate General of Civil Aviation (DGCA) approved "Aircraft Maintenance Engineering (AME)" Certificate course. This certificate is sought after by all scheduled and non-scheduled airlines, chartered services, cargo and air taxi services and thus enhances employability of the graduates.

## INDUS INSTITUTE OF SPECIAL STUDIES



### CENTER FOR SWADESHI INDOLOGY

B.Sc. (Clinical Research & Health Care Management)  
M.Sc. (Clinical Research)

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 a 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, promoted by Electrotherm India Limited and supported by The Centre for Entrepreneurship Development (A Govt. of Gujarat Organisation) under the Specialised 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 and supply gap 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**

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

ITI Certificate holders / B.Sc Degree holders

Operators/Technicians/Skilled & unskilled workers in industries.

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

Faculty for carrying out consultancy projects.



### **INDUS CENTRE FOR WELDING TECHNOLOGY (ICWT)\***

ICWT is a center of Indus University which is promoted by Electrotherm (India) Limited and supported by the National Skill Development Corporation (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. Inspite of requirements of the fabrication industry, they are unable to organize training in alround 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.

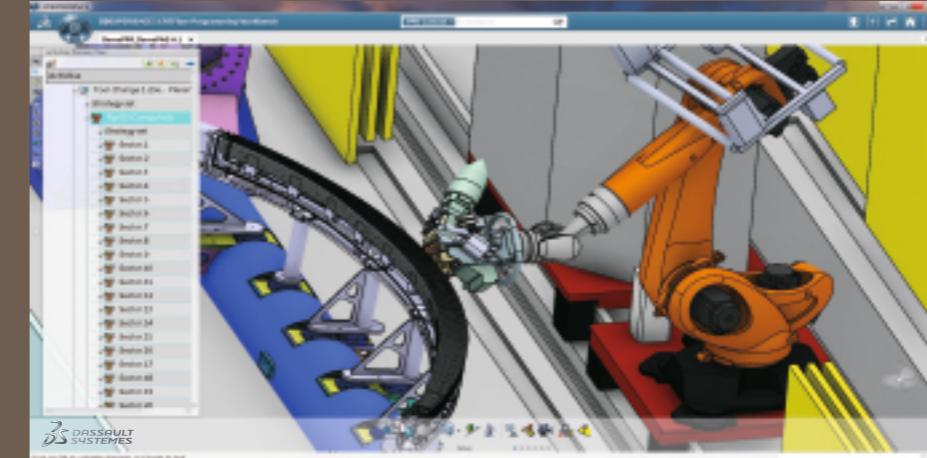
A course on 'Welding Technology' is being introduced at ICWT, which is meant for candidates who aspire to become professional welders.

( \* - Under Establishment)



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

As a part of ICRISD, DICLIP is being 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 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.

( \* - Under Establishment)

### **INDUS GLOBAL EDUCATION [IGE]**

IGE continuously strives to bring the best of the world to its 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 a vast area, the well-stocked library is a source of latest information related to diversified disciplines of Science, Engineering, Management, Architecture and Aircraft Maintenance which support 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 also stocks digital learning resources like e-books, e-journals, project reports alongwith 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 all major areas of the city. Apart from this, local city buses provide more than 12 services daily to campus and beyond.



## SPORTS AND GAMES

Indus University has created infrastructure and facilities for a variety of indoor and outdoor games. It encourages students' participation in extra-curricular activities not only by hosting specific sports events but also sponsoring participants for various competitions held all over the country.



## HOSTEL

Indus campus has modern hostel facilities for both boys and girls which gives a feel of "home-away-from-home". The hostels have on-site indoor sports facilities, a cafeteria and a food court. The hostels are WiFi enabled.



## COMPUTING FACILITY

Indus University has lease 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 platforms. Students can get hands-on experience on the latest software packages and programmes. 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.

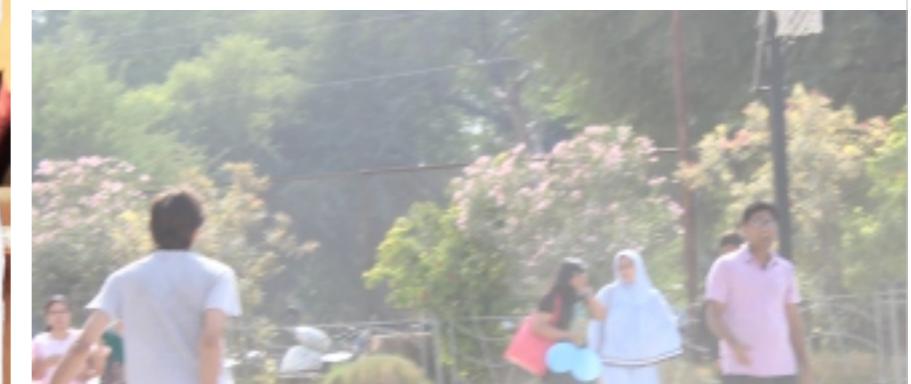
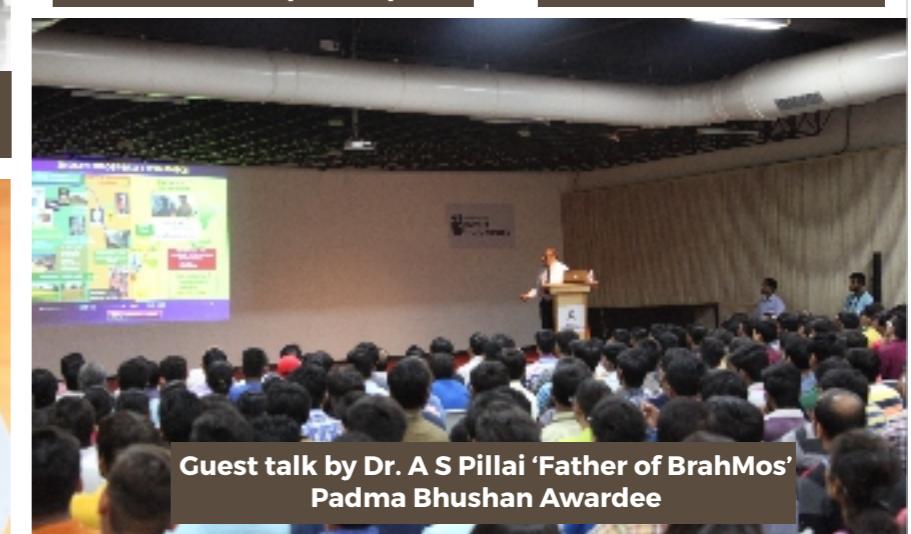


## CANTEEN

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 a large number of students at a time. Modern equipments are used for cooking hygienic and nourishing food.



# ACTIVITIES



# 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.

It is 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.



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

