

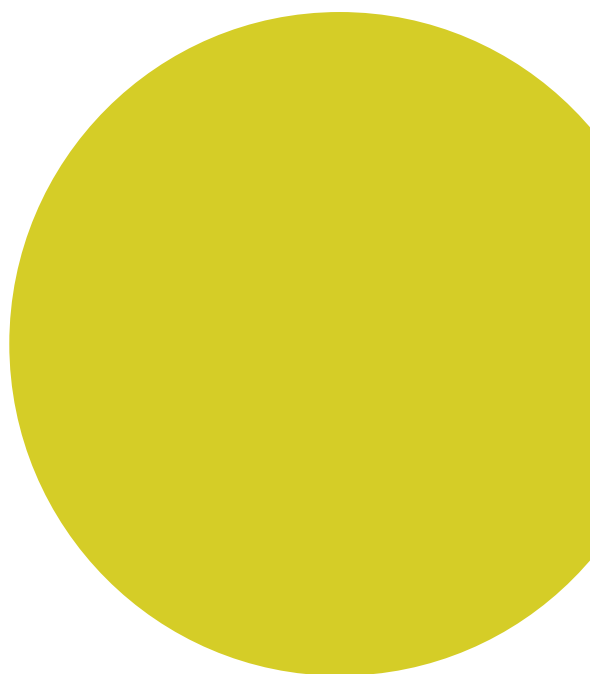
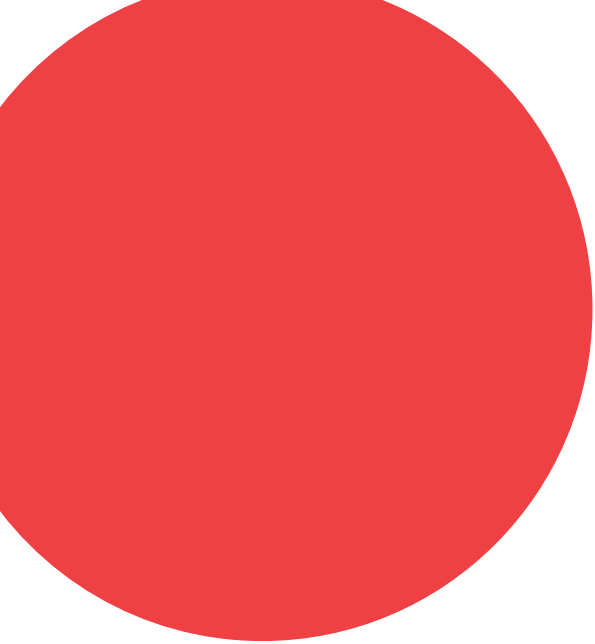
WHERE PRACTICE MEETS THEORY



ज्ञानेन प्रकाशते जगत्

**INDUS  
UNIVERSITY**

AN OVERVIEW  
ACADEMIC YEAR 2016-2017





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 and teachers to improve their knowledge and skills to face challenges and be successful in today's world.

Indus offers undergraduate postgraduate degrees and research programs. These are well supported by 200 plus teachers from various disciplines. Indus has state-of-the-art infrastructure and resources to enable learning, teaching, research and innovation.



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.

**Dr. S B Sharma**  
Executive President

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Indus is a brain child of engineers, 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, we at Indus have evolved our curriculum to incorporate industrial exposure by means of industrial training, visits and lectures by eminent personalities from industries. We are committed to provide an enlightening academic experience, imbibing life skills in students and producing world class engineers and managers.

# ABOUT INDUS

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 in 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.



# MISSION

To offer quality education and skill development in the field 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.



# VISION

Indus University 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 stake holders.

Continuous Upgradation of  
Course Curriculum, Regular  
Academic Auditing Processes  
and Procedures to meet  
Skilled Human Resource  
Requirements of the Society.

QUALITY POLICY

# OBJECTIVES

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

# 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 & Technology, Humanities and a few chosen fields from Management and Computer Application related fields as UG and PG programs.

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). Admission procedures follow the guidelines of ACPC of the State Government. Except the fee structure of the autonomous programs is governed by the Fee Regulatory Committee of the Gujarat State Government.

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

# UNDER GRADUATE PROGRAMME

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

# POST GRADUATE PROGRAMME

Indus University offers a well-developed post graduate program 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. It opens multiple doors of opportunities for further studies both in India and abroad.

**BACHELOR OF TECHNOLOGY (B.TECH)**

4 YEARS

**BACHELOR OF ARCHITECTURE (B.ARCH)**

5 YEARS

**BACHELOR OF SCIENCE (AIRCRAFT MAINTENANCE)**

3 YEARS

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

2 YEARS

**MASTER OF COMPUTER APPLICATION (MCA)**

3 YEARS (Lateral Entry - 2 Years)

**MASTER OF BUSINESS ADMINISTRATION (MBA)**

2 YEARS

**MASTER OF SCIENCE (IT)**

2 YEARS



## INTEGRATED PROGRAMME

Indus University has launched 5-year integrated programmes in various of disciplines. Students with HSC in Science/Commerce/Arts are eligible to enter 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 invites professional researchers and academically inclined students to pursue their area of interest and widen the path of knowledge further. The University has established laboratories with advanced technologies to carry out research activities at the postgraduate level.

**INTEGRATED MSc (CA & IT)**

5 YEARS

**INTEGRATED MCA**

5 YEARS

**INTEGRATED MBA**

5 YEARS

**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**







The courses offered at IITE conforms to the motto Where Practice Meets Theory in more than one sense of the term or the other with extended focus being given to practicing session over and above that of the normal practice session which is the norm followed by every other institutions/ universities. These programs have been structured to provide students with 'hands-on' experience, team work, and leadership skills.

### **B.Tech.**

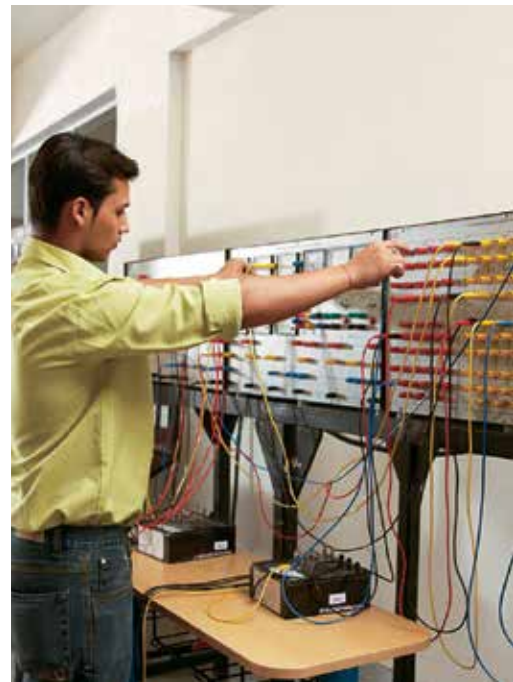
- Automobile Engineering
- Civil Engineering
- Computer Engineering
- Computer Science & Engineering
- Electrical Engineering
- Electronics & Communication Engineering
- Information Technology Engineering
- Mechanical Engineering
- Metallurgy Engineering

### **M.Tech.**

- Mechanical Cad/Cam
- Construction Project Management
- Digital Communication
- Electrical Power Systems
- Industrial Metallurgy

### **Ph.D.**

- Engineering
- General Sciences



## INSTITUTE OF INFORMATION & COMMUNICATION TECHNOLOGY



Indus University 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.

- Integrated M.Sc (CA & IT) [B.Sc & M.Sc.]
- Integrated MCA [BCA & MCA]
- M.Sc [IT]
- MCA

**Ph.D.**  
Computer  
Applications

## INDUS INSTITUTE OF MANAGEMENT STUDIES



Specialization in the areas of marketing, finance, and human resource (HR). 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, continuous evaluation and assessment. The programme provides an option of BBA degree at the end of 3 years.

- Integrated MBA [BBA & MBA]
- MBA

**Ph.D.**  
Management

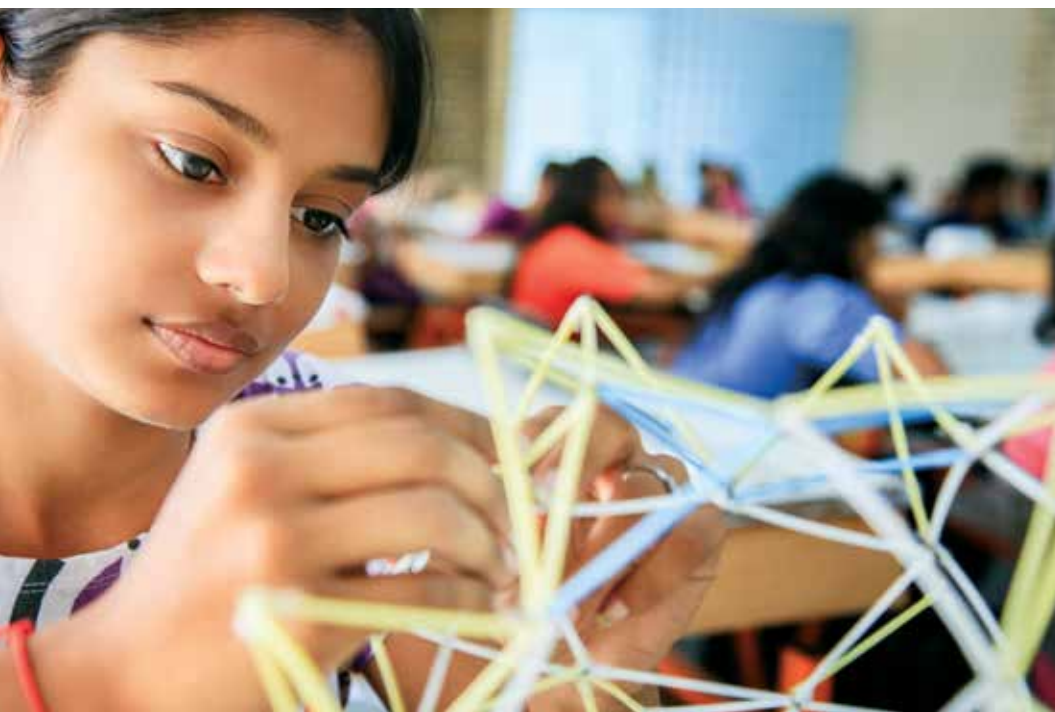




## INSTITUTE OF DESIGN ENVIRONMENT & ARCHITECTURE

Institute of Design, Environment and Architecture (IDEA) offers a bachelors degree program (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 young budding architects.

### B.Arch.



# INSTITUTE OF AVIATION TECHNOLOGY & ENGINEERING



This unique program in Aircraft Maintenance has been upgraded to graduate level. The students will have better employability, as they would have a university degree in addition to an AME Certificate for all schedule and non-schedule airlines, maintenance organizations, flying schools/institutions, charter services, tech publications, cargo & air taxi, Directorate General of Civil Aviation (DGCA), Airport Authority of India and other regulatory bodies.

## **B.Sc.**

- Aircraft Maintenance

# INDUS INSTITUTE OF SPECIAL STUDIES



## CENTER FOR INDIC STUDIES

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 department organizes guest lectures by eminent personalities on topics of current interests and social relevance on a regular basis.

## **Ph.D.**





## INDUS CENTRE FOR RESEARCH INNOVATION AND SKILL DEVELOPMENT

Knowledge, research, innovation and skill development are the pillars on which the world is growing. Indus University is dedicatedly working on knowledge development of students and 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 all 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 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 narrow down the existing 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.

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

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

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

### **BENEFITS**

Students undergoing graduate engineering courses in different disciplines like Metallurgy/Automobile/Mechanical and Production.

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M Tech students/PhD scholars for their projects.

-

Faculty for carrying out consultancy projects.

-

Operators/Technician/Skilled & unskilled workers in industries.

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ITI/BSc/12th Technical/Diploma in Metallurgy/  
Mechanical/Automobile.



## INDUS CENTRE FOR WELDING TECHNOLOGY (ICWT)

A course on 'Welding Technology' has been introduced at ICWT. It 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 inspite of large number of ITI students passing out every year. The fabrication industry is also looking forward for trained manpower possessing basic minimum skills. Despite the requirements of the fabrication industry, they are unable to organize training in all round skills, particularly to students. Further, the remuneration without basic skills is poor; hence people are not attracted to tiresome fabrication floor jobs.

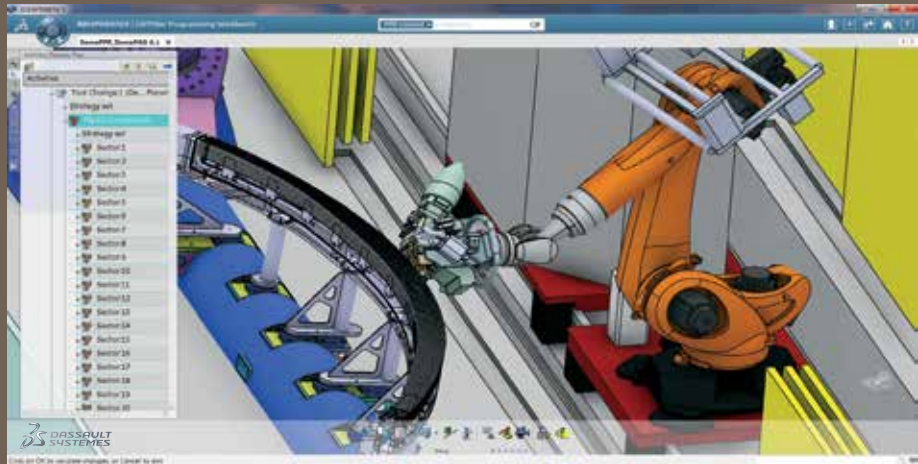
It is with this background that a fabrication training center is being conceived, to bridge the gap of shortage of skilled manpower, and at the same time make a career in fabrication more rewarding.





## 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 for academia as the learning platform.



DICLIP is a one-of-its-kind programme 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 student to apply knowledge of engineering principles in real-life scenarios and 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. Recently, 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 on 29th Nov 2013.



 **INDUS**  
UNIVERSITY



INDUS  
UNIVERSITY





**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, and management which supports students and faculty in learning and research. It has a collection of over 25,000 books besides subscriptions of more than 250 national and international journals. It also possesses electronic resources on books, 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. Also, the Indus 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 COMPETITIONS

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 outside. Apart from creating infrastructure and facilities for a variety of indoor and outdoor games.



## HOSTEL

Indus campus has separate modern hostel facilities for both boys and girls. These have indoor sports facilities. The hostels also have an in-house cafeteria and a food court.



## COMPUTING FACILITY

Indus University has leased line internet connection which is locally networked and connected through more than 20 Wi-Fi routers 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 fast.



## CANTEEN

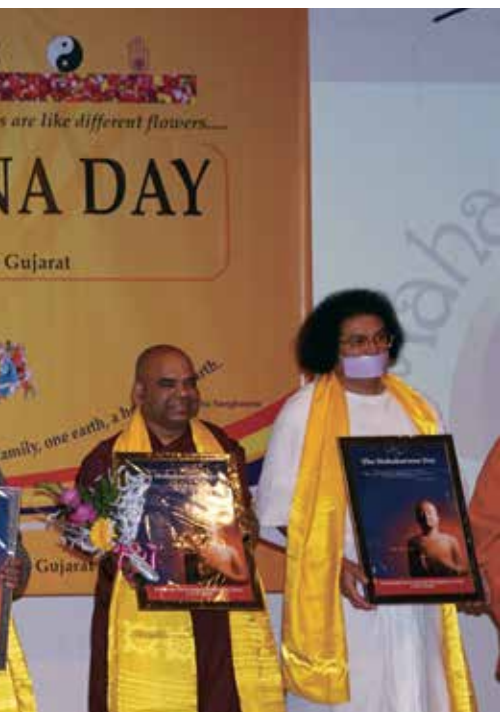
The canteen at Indus caters to different tastes and preferences of students, faculty members and staff alike by providing refreshing, mouth-watering vegetarian delicacies. The food served at the canteen is examined regularly for its nutrition value and hygiene. The canteen can accommodate around 200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

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



[indusuni.ac.in](http://indusuni.ac.in)  
[info@indusuni.ac.in](mailto:info@indusuni.ac.in)

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## CONSTITUENT INSTITUTES

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Rancharda, Via Thaltej,  
Ahmedabad 382 115 Gujarat India

T: +91 2764 260277 / 78 / 79  
M: +91 90999 44241 / 42