



2020-21

Annual Report



About the University

Indus University has been established with the objective of making a noteworthy contribution to the social, economic and cultural life of our country. Having faith in the power of education, the builders of this university intend to impart knowledge to youngsters of society.

“Knowledge Enlightens the World”

The founders of Indus University aim to provide best quality education to their students. Believing in extensive growth, noticeable steps are taken whenever required to prepare students for the commercial industry worldwide. It would be best to say that every activity at Indus is practiced to elevate the level of education.

The three pillars on which this university firmly stands on are – educational wisdom, professional brilliance, and research & innovation, all of which are aimed at nurturing a spirit of entrepreneurship and social responsibility.

Vision

Indus university will be an internationally acclaimed university – amongst the best universities of our country – for academic excellence, professional relevance, research and innovation in socially relevant thrust areas, seamlessly integrating Indian values and global ethos, satisfying all its stakeholders.

Mission

To offer quality technical and management education to the members of its 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 human resources who will engage in research and development activities aimed for building the university.

Table of Contents

About the University	00
Board of Governance	02
Board of Management	02
The Journey of Indus University	03
Constituent Institutes & Academic Programs	04
Research & Development and Publications	07
Industry Connect	08
Industry Exposure & Experience	10
Highlights of the University Level Events	12
Programs Organized by Indusians	14
Student Achievements	18
Student Clubs	19
Convocations	20
Research And Development	23
Faculty Achievements	25
Expert Talk	27
Faculty Contributions in Workshop / Conference / Invited Talk	28
ICSII SSIP Supported Projects	30
Student's Life at Indus	32

Board of Governance

Board of Governance consist of distinguished personalities like

Chairperson

Dr. Ritu Bhandari

Alternate Chairman

Dr. Nagesh Bhandari

Member Secretary

Dr. R. K. Singh

Members

- Shri Parindu Bhagat
- Mr. Maulik Dave
- Dr. Vishad Rahangdale
- Shri Dhruven Shah
- Smt. Anju Sharma, IAS
- Shri Srinivasa Srinivasan
- Dr. Satya Sai K Jillella
- Shri Shekhar Vyas
- Prof. (Dr.) Seema Verma

Board of Management

Chairperson

Dr. Ritu Bhandari

Alternate Chairman

Dr. Nagesh Bhandari

Member Secretary

Dr. R. K. Singh

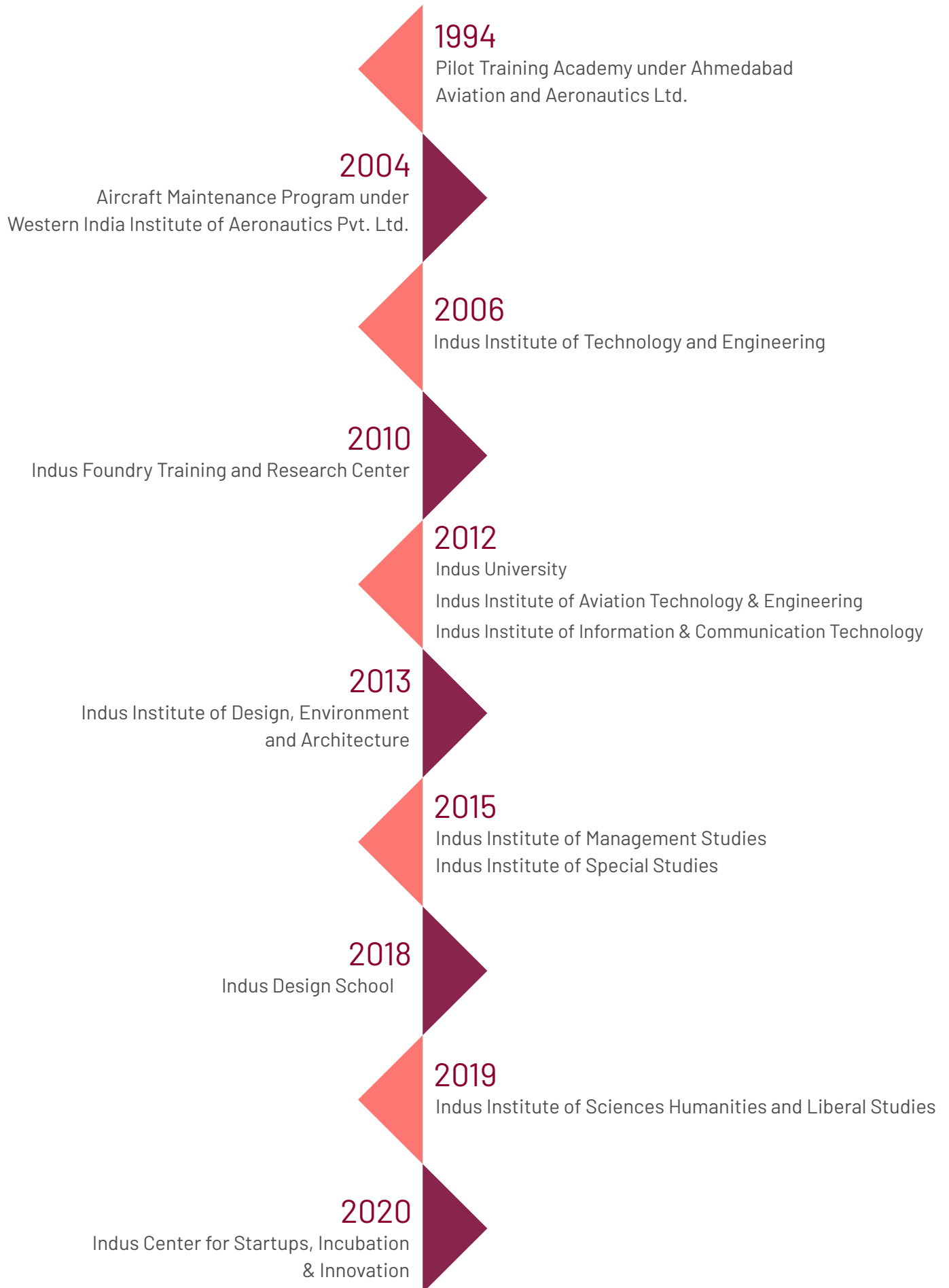
Members

- Dr. Pramod Joshi
- Prof. Pradyumna Vyas
- Dr. Sandip Chakravorty
- Dr. Anupam K. Singh
- Shri Shekhar Vyas
- Prof. (Dr.) Seema Verma

Where Practice Meets Theory



The Journey of Indus



Constituent Institutes & Academic Programs



Indus Institute of Technology and Engineering (IITE) established in the year 2006 with a vision to train and upgrade the technical skill of engineers as per the requirement of the industry. It was a conscious effort to look beyond the theoretical framework, acquire an understanding of the real world and decipher its main concerns.

B.Tech

- Automobile Engg.
- Civil Engg.
- Computer Engg.
- Computer Science & Engg.
- Electronics & Communication Engg.
- Information Technology
- Electrical Engineering
- Materials and Metallurgical Engineering
- Mechanical Engineering

M.Tech

- CAD/CAM
- Construction Project Management
- Digital Communication
- Electric Power Systems
- Industrial Metallurgy
- Structural Engineering
- Data Sciences



Indus Institute of Management Studies caters to the industry needs of passionate professionals who can adapt to changing market dynamics. University's motto "Where Practice Meets Theory" reflects the teaching process that contains multiple pedagogical and evaluation tools. Seminars, expert sessions, conclaves, and industrial visits are arranged during the course work to improve knowledge about subjects practically.

Courses Offered

- Dual Degree MBA (BBA + MBA)
- Master of Business Administration (MBA 2 years) Regular
- Integrated MBA (4 Years) Regular
- B.Com. (Honors) with ACCA, UK
- BBA in Aviation Management
- MBA in Aviation Management



Indus Institute of Sciences, Humanities and Liberal Studies (IISHLS) is one of the core centers at the university, which strives to deliver core knowledge of sciences and English language. Six significant departments covered under the umbrella of this institute are mathematics, physics, chemistry, life sciences and languages.

Courses Offered

- Bachelor of Science in Clinical Research, Mathematics, Physics and Chemistry
- Master of Science in Clinical Research, Mathematics, Physics and Chemistry



Imparting education at Indus Institute of Design, Environment and Architecture (IIDEA) is considered to be a two-way process involving both teachers and students. Teachers engage with students and endeavor towards finding solutions to complex as well as day-to-day problems linked to human habitation. This approach helps make for a more interactive and experimental model of education. Along with a potent team of innovators and collaborators, IDEA has focused on developing new teaching methodologies and redesigning the curriculum of architecture education in general.

Courses Offered

- Bachelor of Architecture
- Bachelor of Design



Indus University, since its inception is entrusted to inculcate the importance of ethics and value amongst its students, staff, as well as its stakeholders. The University is very focused on seamlessly integrating Indian traditional values and ethos through various activities as a component of its pursuit of academic excellence. Indus Institute of Special Studies (IISS) is established to achieve this goal. This Institute would also try to understand various facets of society at large such as Art, Culture, History, Philosophy, and Religion in the broad belief that "Knowledge Knows No Geographical Boundaries".



Indus Institute of Information and Communication Technology (IICT) provides varied practical approaches for the development of individuals. Master of Computer Application emphasizes on the widespread knowledge of IT, laying a comprehensive and concrete foundation to the basic understanding of each and every facet surrounding it. Its curriculum also enforces on managerial skill development leading to Entrepreneurial understanding.

Courses Offered

- Bachelor of Science in Data Science and Computer Science (AI & ML)
- Master of Science (Information Technology)
- Master of Computer Application
- Integrated MCA (BCA + MCA)
- Integrated M.Sc. (CA & IT) (B.Sc. + M.Sc.)



IIATE provides B.Sc (Honours) in Aircraft Maintenance, which contains academic and practical training by well-qualified and professional trainers. The practical session permits the student to understand the concept skillfully. B.Sc (Honours) in Aircraft Maintenance is a 3 years (6 semesters) full-time undergraduate program. This course trains the students in understanding the concept in terms of technical aspects of aircraft, particularly in Maintenance, Repair and Overhauling, etc. The students are disclosed to work on Actual Operational Aircraft Indamer Aviation, Taj Air & Air works India Engineering facilities.

Dassault Indus Collaborative Learning & Innovation Program

Dassault Indus Collaborative Learning and Innovation Program (DICLIP) is initiated in an association with Dassault Systems, to assist students improve their engineering skills and knowledge by working on projects, similar to actual industrial tasks using Dassault V6 as the learning platform. DICLIP emphasizes on bringing out the creativity in students through project-based learning. The teaching curriculum is designed to sharpen logical reasoning and critical thinking skills, to have an eye for detail, creativity and innovation, problem solving abilities along with technical expertise.

Indus Center for Startups, Incubation & Innovation

India needs young graduates with creative and innovative thinking to design and manufacture new products to address the challenges faced by the industry and society. In order to mould the students to the expectations of the industries, government and society at large and also to create the innovation and incubation culture among the students, established Indus Center for Startups, Incubation and Innovation (ICSII).



Research & Development and Publications

Publication

Paper Published 60

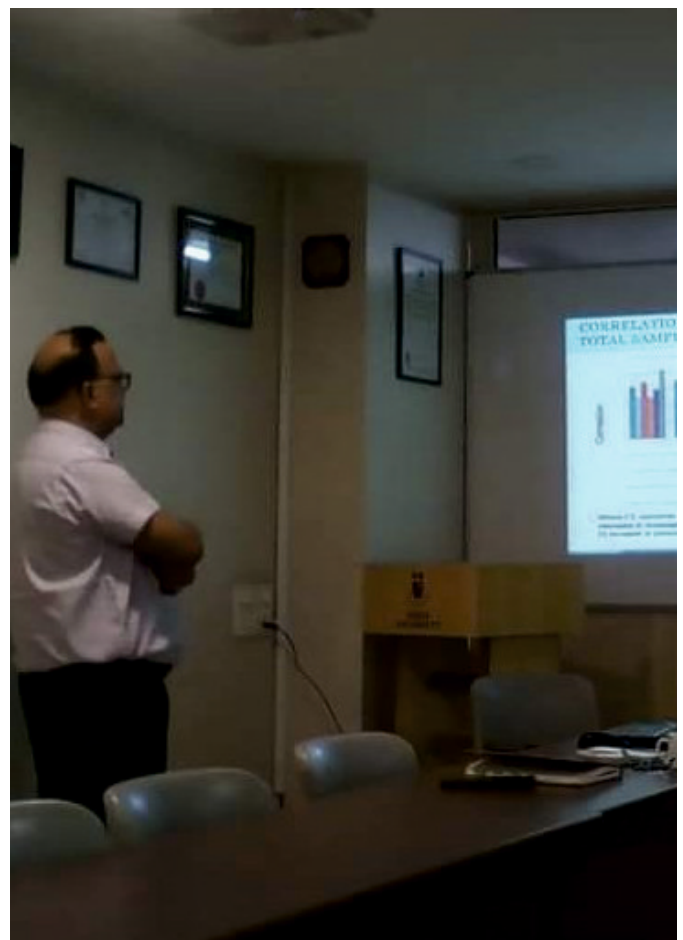
Ph.D.

Ph.D. Completed: 04

Ph.D. Ongoing: 150

Grants/Projects

Received Rs. 24.7 Lakhs (total) from SAC-ISRO



Industry Connect

Indus University has an independent vertical – Training & Placement Department (T & P Dept.) – that plays the pivotal role in connecting two important ends, vis-à-vis, Institutes and industries. It establishes a bridge between industries and constituent institutions of the University (input-end at the entry level) and Industry (output-end at the finishing level) T & P Dept. is the epicenter for career guidance to students of all programs and streams pursuing their studies at the university. It offers overall career solutions to the students by guiding them to decide and pursue their dream careers.

Packages 2020-21

₹12.00 LPA

JARO Education

₹10.00 LPA

1) Lido Learning
2) Byju's

₹6.60 LPA

1) Synoptek
2) Zeus Learning

₹3.75

Average Package

Percentage of B.Tech. Students Placed: **88.93%**

Total Number of Companies: 214

1) IT & ITES Sector - 102

2) Core - 32

3) Management - 39

4) Non-Tech(GEN.) - 36

5) Chemical/Pharma - 5

Top Employers

**International Automobile Centres
of Excellence (iACE)**

Gandhinagar

Piramal Group

Gandhinagar

Vikram Sarabhai Space Exhibition VSSE

Ahmedabad

Adani Power LTD.

Ahmedabad)

BISARG

Gandhinagar

Tata Motors

Ahmedabad

Industry Exposure & Experience

Maxxis Rubber

Ahmedabad

Bosch Rexroth

Ahmedabad

Indus Towers

Ahmedabad

Vodafone IDEA

Ahmedabad

Gateway

Ahmedabad

Baheti Metals

Ahmedabad

Landmark Group

Ahmedabad

Welspun Steel
Anjar, Kutch

Jindal Aluminium
Bangalore

Jindal Saw Mill
Mundhra, Kutch

Arvind LTD.
Ahmedabad

Futurance Technologies
Bangalore

WallMart India
Gurgaon

Industry Exposure & Experience

KPMG
Ahmedabad

Delloitte
Hyderabad

Highly Electrical Appliances
Ahmedabad

Reliance Jio
Ahmedabad

Landmark Maxlife
Ahmedabad

Reliance Digital
Ahmedabad

Federal Bank
Ahmedabad

Highlights of the University Level Events

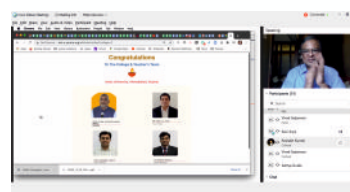
Engineer's Day

Indus Institute of Technology & Engineering, Indus University celebrated Virtual Engineer's day on September 15, 2020 in association with Institution of Engineers, India. The Function was graced by Er. M.D Patel, Chief Engineer & Additional Secretary Sardar Sarovar Nigam Ltd. Gandhinagar as a chief guest & Dr. Swarn Bedakar, General Manager, Electrotherm India Limited as Guest of Honor & Key Note Speaker. The Function was also graced & addressed by Prof. Dr.-Ing Anupam K. Singh, Director-IITE, Dr. R.K. Singh, Registrar, Prof. Dr. Sandeep Chakravorty, Dean Academics, Dr. R.K. Balyan, Dean Admin of Indus University. Overall Program was coordinated by Ms. Vineeta Chauhan, Asst. Prof. & Head of EL Department & Ms. Miloni Ganatra, Asst. Prof, E & C Engineering Department.



e-Yantra Laboratory

E-Yantra Lab Setup Initiative (eLSI) supports infrastructure creation at colleges by providing a platform for inducting teachers in Project-Based Learning or "Learning by doing". At Indus, we have taken an initiative to set-up the E-Yantra laboratory of "Robotics Lab" at our premises. As a part of the process, our team has successfully completed task-based training (TBT) being given by the E-Yantra IIT Bombay team. It is an honour to all of us as we have on the final stage of the establishment of the E-Yantra lab at our campus.



POSCO Asia Fellowship

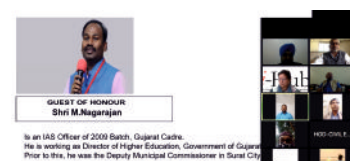
POSCO Awards 2020 Ceremony was organized on December 24, 2020. The Ceremony was organized online in view of the Covid-19 situation. Following ten students were awarded the scholarship of Rs. 36,000/- each:

- | | |
|-----------------------------------|------------------------------|
| 1. Ms. Lakshmi Devi Rajkumar Pasi | 6. Ms. Krupa Ketanbhai Patel |
| 2. Mr. Ashwinikumar S. Jha | 7. Mr. Tufan Kumar |
| 3. Ms. Khushi Piyush Jain | 8. Mr. Omkar B. Bharsawade |
| 4. Mr. Roshan Jaronde | 9. Mr. Pavan Mali |
| 5. Mr. Tirthan Sanjaybhai Shah | 10. Mr. Munj B. Nayak |



e-Hackathon Indus

Indus Institute of Technology and Engineering (IITE) had organized National Level Virtual Hackathon "e-Hackathon", on 19th January 2021 under ICSII, which was an initiative to provide students a platform to solve some of the pressing problems we face in our daily lives, and thus inculcate a culture of product innovation and a mindset of problem solving. Students studying bachelor's degree, or master's degree from all over India were encouraged to participate in the Hackathon. This is an initiative in light of Atmanirbhar Bharat by the Government of India for our nation building to showcase the talent by students. Winners were awarded with prizes also, each team taking part in e-Hackathon was awarded participation certificate on the successful completion of the event.



Virtual Project Exhibition

Virtual Project Exhibition 2021 was a technical exhibition being organized by IITE. The major attraction of the event was pre-eminent research work of engineering undergraduates. Virtual Project Exhibition 2021 was an opportunity for the students to display the basic principles of engineering and technology and to brighten engineering aspirant's hidden talent to transform them into successful technocrats. The Chief Guest of the event was Mr. Kamal Mangal, Founder of Anand Niketan Group of Schools.



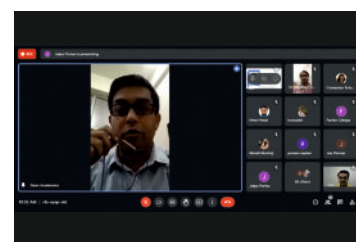
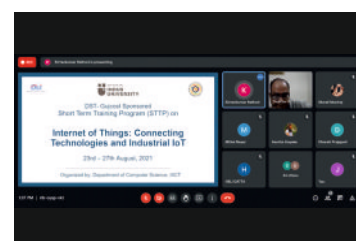
Joy of Giving University

Indus University has always believed in promoting values and doing social activities to uplift the society. Standing firm on this credence through the joy-of-giving program organized recently, the university distributed essential food items such as grains, pulses, flour, and cooking oil to ground staff- members of the varsity on 19th May 2021 as a relief assistance, in order to support the underprivileged community during this unprecedented time of adversity. The event was graced by Prof. (Dr.) V. K. Srivastava, Hon'ble Executive President (Vice Chancellor), Dr. R. K. Singh, Registrar, Dr. Sandeep Chakravorty, Dean Academics, and Prof. Dr-Ing Anupam Kumar Singh, Director, IITE. This initiative was mainly aimed to give back to the valued community, who has been serving the university for many years. Through such periodic donations, the university engages in philanthropic causes for the welfare of the penurious.



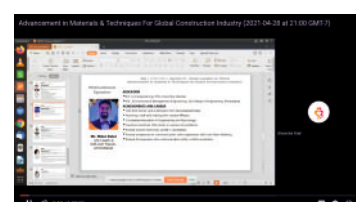
Launching of Certificate course – Internet of Things

Department of Electronics and Communication, Indus Institute of Technology and Engineering, Indus University is offering a Certification Program on Internet of Things which has been launched from June 07, 2021 by Hon'ble Executive President (Vice Chancellor) Dr. V. K. Srivastava, Director- IITE Dr-Ing Anupam Kumar Singh, Registrar and Dean Academics. The objective of the certification course was to provide hands-on skill development to students in the field of Internet of Things so as to teach them how to design and operate smart devices. The course is being offered at two levels viz.: 1) Basic Level (30 hours) which includes Arduino and sensor interfacing and 2) Advanced Level (30 Hours) which includes Raspberry-pi and its interfacing with peripherals. The first batch of basic level certificate course started from 15th June 2021 with 31 paid registrations.



Special session on "Mental Health During COVID-19"

A session on "Mental Health During COVID-19" by Mr. Mitul Patel during the Faculty Development Program on "Advancement in Materials and Techniques for Global Construction Industry" between 26th April to 01st May, 2021 organized by Civil Engineering Department, IITE, Indus University.



Program Organized by Indusians

1. Automobile Engineering Department had organized a webinar on "Role of DS catia software" by Mr. Harshil Shah of Symmetric solution. on 1st September, 2020. This Program was coordinated by Mr. Madhusudan Barot & Ms. Priyanaka Sharma.
2. Automobile Engineering Department had organized a webinar on "Product design" by Mr. Jatin Patel Technical Director of KCCI Pvt. Ltd. , on 22 nd July, 2020. The webinar highlighted mainly about the revolution in industries after Covid 19. The Program was coordinated by Ms. Priynaka Sharma & Mr. Marnish Modi.
3. Automobile Engineering Department had organized a webinar on "Roles of Software in design" by Mr. Jatin Patel Technical Director of KCCI Pvt. Ltd., on 23 rd July, 2020. This Program was coordinated by Ms. Priynaka Sharma & Mr. Marnish Modi
4. Automobile Engineering Department had organized a webinar on "3D Printing" by Mr. Harshil shah of Symmetric solution on 31st August, 2020. This Program was coordinated by Mr. Marnish Modi.
5. Civil Engineering Department has organized AICTE - ISTE Sponsored 06 Days Online Faculty Development Program On "Approaches Towards Earthquake & Wind Resistant Structural Design" during 15/03/2021 to 20/03/2021. This program was coordinated and moderated by Dr. Payal Mehta & Bibhu Bibhuti and convener was Mr. Harsh Soni from the Civil Engineering Department.
6. Civil Engineering Department had organized AICTE - ISTE Sponsored 06 Days Online Hands-on Training Program On "Analysis & Design of Structures Using Staad.Pro" during 15/02/2021 to 20/02/2021. This program was coordinated and moderated by Mr. Ritesh Patel, Mr. Ankit Sodha and Mr. Harsh Soni was the convener from the Civil Engineering Department.
7. Civil Engineering Department had organized a One week GUJCOST sponsored STTP on "Recent Advances in Transportation Research". This event was coordinated by Dr. Samir Patel & Mr. Shantamallappa K and the convener was Mr. Harsh Soni.
8. Civil Engineering Department had organized a three Days GUJCOST sponsored workshop on "CAPACITY BUILDING IN GIS & IT'S APPLICATIONS " during 07th-09th January, 2021. This event was coordinated by Mr. Kartik Chourasia & Dr. Payal Mehta, and the convenor was Mr. Harsh Soni.
9. Civil Engineering Department had organized a One week GUJCOST sponsored STTP on "Recent Advances in Transportation Research" . This event was coordinated by Dr. Samir Patel & Mr. Shantamallappa K and the convener was Mr. Harsh Soni.
10. The Civil Engineering Department had organized a One week GUJCOST sponsored STTP on "Building Energy Efficiency: An approach towards Sustainable Development". This program was coordinated and moderated by Mr. Anand Patel.
11. The Civil Engineering Department had organized an orientation cum workshop on "Virtual Labs" (Platform offered by IIT-Bombay) on 24th December, 2020. This program was coordinated by Mr. Ketan Lakhtariya.
12. The Civil Engineering Department had organized "Remote Sensing and Digital Image Analysis program". This Program was co-ordinated by Ms. Nirali Padhiyar and convener was Mr. Harsh Soni.
13. Computer Engineering Department Received Grant of 15000 for organizing 3 days' workshop on "Deep Learning & it's Application in Agriculture, NLP, Image and Video Analysis with Hands-on-Session" from Gujcost on October 15,16 ,2020. This Program was coordinated by Ms. Sejal Thakkar.
14. Computer Engineering Department had organized A One Week with 2 credit International Online Course on "Machine Learning and its Application: Industry's Perspective" was held from 22th July 2020 to 28th July 2020, on an online platform "Google Meet". This Program was coordinated by Ms. Sejal Thakkar.

15. Computer Engineering Department Received grant from GUJCOST for the webinar on "Research and applications Perspectives on Machine Learning Implications for Network Security Analytics" on 9th December,2020. This Program was coordinated by Mr. Hiren Mer.
16. Electronics and Communication Engineering Department conducted a webinar on "Nanotechnology and Sensor: A modern age sensation for chronic disease diagnosis and pandemic prevention" by Dr. Ashis Tripathy, Post-Doctoral Fellow, Center for Micro Electro-Mechanical Systems, University of Minho, Portugal on 5th June, 2020. This Webinar was coordinated by Ms. Shikha Singh.
17. Electronics and Communication Engineering Department conducted a webinar on "CMOS-Memristor Nano Electronics Neuromorphic Computing" by Prof. (Dr) SUNG - Mo (Steve) Kang, Distinguished SOE Chair Professor, University of California on 17th July,2020. This Webinar was coordinated by Ms. Miloni Ganatra and Mr. Ankur Chhangela.
18. Electronics and Communication Engineering Department conducted a webinar on "Wearable Computing: Its Opportunities and Challenges in Industry 4.0" by Prof. (Dr.) Rajiv Ranjan Singh, Professor, Presidency University, Bangalore on 29th August,2020. This Webinar was coordinated by Ms. Miloni Ganatra.
19. Electronics and Communication Engineering Department had conducted a 2 weeks Faculty Development Program on "Python Programming" from September 7 to 18, 2020, organized by MNIT Jaipur and IIIT Jabalpur in online mode, sponsored by the Ministry of Electronics and Information Technology (MEITY), Govt. of India. This Program was coordinated by Ms. Divyagna Gandhi.
20. Electronics and Communication Engineering Department had organized a GUJCOST Sponsored 2 days' online workshop on "Image Classification and Deep Learning" on 09-10 November 2020. This Program was coordinated by Ms. Hansa Shingrakhia & Mr. Hardik Prajapati.
21. Electronics and Communication Engineering Department has organized a GUJCOST sponsored Two days' online workshop on "Industrial IoT" on 11-12 December 2020. This Program was coordinated by Mr. Abhishek Vaghela.
22. Electronics and Communication Engineering Department had organized GUJCOST Sponsored Two days' workshop on "Skill Development on Network and Cyber Security Configuration using Network Simulation" on March 15-16, 2021. This Program was coordinated by Mr. Hansa Shingrakhia
23. Electronics and Communication Engineering Department had organized a Workshop on "Playing with Pixels & Voxels: Working with Images in MATLAB & Simulink" in association with MathWorks, India on April 15, 2021.
24. Electronics and Communication Engineering Department is offering a Certification Program on Internet of Things. The objective of the certification course is to provide hands-on skill development to students in the field of Internet of Things so as to teach them how to design and operate smart devices. The first batch of 31 participants had successfully completed the basic level course in the month of June 2021. This Certification Course was coordinated by Mr. Abhishek Vaghela & Ms. Miloni Ganatra.
25. Materials and Metallurgical Engineering Department had organized a webinar on "Failure Analysis Using FEM" for pre final and final year students on 18th August 2020. This program was coordinated by Dr. K. Santhy.
26. Electrical Engineering Department had organized GUJCOST Sponsored Workshop on Analysis, Modelling and Simulation of Smart Grid Protection Issues using PSCAD Software On January 21-22, 2021. This workshop was coordinated by Ms. Hinal Shah & Ms. Rashmi Sharma
27. Electrical Engineering Department had organized GUJCOST Sponsored Workshop on Electrical Vehicle Technology on October 13-14, 2020. This workshop was coordinated by Ms. Rashmi Sharma & Ms. Hinal Shah

28. Mechanical Engineering Department had organized one-week FDP on "Application of Design Software in Mechanical Engineering" during September 21 – 25, 2020. It covers an overview of various software like Fusion-360, MATLAB, AutoCAD, and Autodesk Inventor were shared with participants. A total of 14 participants (12 Faculty, 2 M. Tech (CAD/CAM) Students) had participated in the FDP. This FDP was coordinated by Dr. Mitesh Mungla.
29. Mechanical Engineering Department had organized "One Day Energy Conservation Awareness Workshop" Sponsored by GEDA, GoG 22 January 2021. This program was coordinated by Dr. Umang Patdiwala.
30. Mechanical Engineering Department had organized Five Days National Level Online Short-Term Training Program (STTP) on "Design Thinking as Strategical Tool for Innovation and Creating Start-up" sponsored by GUJCOST, DST & ICSIU 19th April to 23rd April 2021. This program was coordinated by Dr. Umang Patadiwala.
31. Mechanical Engineering Department organized had organized Two Days GUJCOST/ DST sponsored National level seminar on "Recent Trends in Thermal Energy Storage System and its Applications" 29th April & 30th April 2021. This program was coordinated by Dr. Umang Patadiwala.
32. Materials and Metallurgical Engineering Department had received consultancy for Complexity in Forging of Ti6Al4V Alloy, sponsored by Maharani Medi-Care Pvt. Ltd., Ahmedabad, Fund received – Rs. 59000.
33. Materials and Metallurgical Engineering Department had received consultancy for Benchmarking of Hairclips, sponsored by Reasonable Brands Activewear Pvt. Ltd., Ahmedabad, Fund received – Rs. 11800.
34. Materials and Metallurgical Engineering Department and Mechanical Engineering Department, Bannari Amman Institute of Technology jointly organized 6 days online FDP on "Scanning Electron Microscopy and X-Ray Diffractometer" on 6th to 11th July 2020.
35. Materials and Metallurgical Engineering Department had organized a webinar on "ICT Application in Teaching and Learning" for faculties on 25th July 2020. The program was coordinated by Mr. Monil Salot.
36. Materials and Metallurgical Engineering Department had organized a webinar on "Failure Analysis Using FEM" for pre final and final year students on 18th August 2020. This program was coordinated by Dr. K. Santhy.
37. Materials and Metallurgical Engineering Department and the department of Metallurgical Engineering, GEC, Gandhinagar had jointly organized a webinar on "Development of Multicomponent Phase Diagram – The CALPHAD Approach" for pre final and final year students on 17th August 2020.
38. Materials and Metallurgical Engineering Department had organized a webinar- Lecture Series on "Thermodynamics of Steel Making" for pre final and final year students during the first half of September. The expert for the talk was Dr. Vishwanathan Nurni, Department of Metallurgical Engineering, Indian Institute of Technology, Bombay. This program was coordinated by Mr. Monil Salot.
39. Materials and Metallurgical Engineering Department and Department of Metallurgical Engineering, GEC, Gandhinagar had jointly organized a three days' online workshop on "SEM and XRD" on 9 – 11th September 2020. The program was coordinated by Mr. Gaurav Avasthi.
40. Materials and Metallurgical Engineering Department had organized a webinar- Lecture Series on Strengthening Mechanism by Dr. Mrunal Chaudhari, Assistant Professor, Department of Mechanical Engineering, LD Engineering College, This program is coordinated by Mr. Gaurav Awasti.
41. Materials and Metallurgical Engineering Department had organized a two days' online workshop on "LATEX" on 23 – 24th October 2020. The resource person for the program was Dr. K. Santhy, Department of Materials and Metallurgical Engineering, Indus University. present Online workshop was coordinated by Mr. Monil Salot.

42. Materials and Metallurgical Engineering Department had organized a GUJCOST sponsored National Level Online Seminar on "Metallurgical Failure Analysis of Engineering Components" on 28-30th October 2020. The program was coordinated by Mr. Monil Salot and Mr. Gaurav Avasti.
43. Materials and Metallurgical Engineering Department along with ASM Gujarat Chapter had organized a GUJCOST sponsored National Online Seminar on "Recent development and Future Growth Potential of Nanotechnology" on 8-10th March 2021. The program was coordinated by Mr. Gaurav Avasti and Mr. Monil Salot.
44. Indus Design School organized the Study Trip for the students of Communication, Fashion & Interior Design to Jodhpur, Rajasthan during 8th to 11th March 2021.
45. Indus Architecture School, IIDEA conducted workshop collaborating with individual experts, government and semi-government organizations. An online, Collaborative program Space Time Odysseys was conducted from 12th March to 20th March 2021 in collaboration with Ar. Isha Tasmania & Ar. Maansi Hathangadi. Aim of the collaborative program was observing recording and Communicating through multi modal expressions. Larger goal of the workshop was to take the students on a journey of awareness about their world, building intimacies with their surroundings, so that they are moved to retell the stories that they see and live, in their immediate context.
46. Techno Freaks is the event that our students wait for every year. In this event, the students from different schools and colleges participated and our own students managed and hosted the event. Due to the global pandemic, the event was online. As it was new and different, the organizing committee students took this as a challenge and made it successful. There were a total 47 registrations out of which 30 were from Indus university and 17 registrations were from outside of the universities. Total 6 (each for one event) winners were declared. At the end, they were given certificates for their outstanding performance. Techno Freaks 2021 ended with a thank you note to every participant, every student from the management committee and faculty members of DCS.
47. Indus Design School organized 3 days Terracotta Workshop for the students of B. Design - Communication and Foundation Design on 9th & 10th March, 2020.
48. A session on "Application of Multiple Intelligence in Managing Self & Others in Personal & Professional Context" was conducted on June 01, 2021 by Dr. Dipti Sethi.
49. The session on "Environmental Issues Today-A Broad Understanding"- attended by students and faculties from the university and was an eyeopener for all stressing the impact of vehicular emissions aiding increased cancer and on the importance of biodiversity and co-existence of nature and human-beings.
50. A poster competition was organised at Indus University and good number of students participated. Two winners of the competition were declared, namely Priya Patel-First and Prateek Salecha - Second, Students of First Sem BBA.



Student Achievements

1. Mega ATV Championship 2021 was a national level ATV(All terrain vehicles) racing championship in India organized by "Autosports India". It was an inter college national level racing championship for engineering students basically for mechanical/ automobile branches. This championship was well known for its extraordinary racing format, night endurance racing. Mega ATV Championship conducted events like drag race, flat dirt race, armageddon race & endurance race. It has been organized from 10th to 13th April 2021 at GOA. Automobile Engineering Department team TOMCAR VIKINGS ranked AIR 8th in drag race, AIR 12th in Flat dirt race & AIR 12th in Endurance race.
2. Mr. Sumit Vachhani from Automobile Engineering Department received a grant of Rs.1,86,617/- fromSSIP for the Project entitled "Electric Paddle Mover".
3. Mr. Dhairya Oza from Automobile Engineering Department received a grant of Rs. 2,00,000/- from SSIP for the project entitled "V. ODNE1s".
4. Prajapati Digvijaykumar Bibinkumar from Computer Engineering Department accomplished Diploma in Multilingual Computer Programming of C-DAC, GIST PACE programme, from Jan-June 2020.
5. Prajapati Digvijaykumar Bibinkumar from Computer Engineering Department got an award for his outstanding performance in National Level Virtual quiz competition 'Forces catechize', by Paul University, on June 30-2021.
6. Ritika Dhall from Computer Science Engineering, secured 1st rank, in online National Level MINE D hackathon, by Central of excellence in data Science, Nirma University, from Feb 26th-28th 2021.
7. Umang K Patel from Materials and Metallurgical Engineering Department presented Paper "Thermodynamic Modeling and Phase Calculations of the Fe-9Cr Binary Alloy using CALPHAD Approach" in 1st International Conference on Recent Progress in Material science and Mechanical Engineering (ICRPMSME 2021), GEC Gandhinagar on 28-29th May 2021.
9. Mr. Abhigna Upadhyay, bagged FIRST PRIZE in the concluding quiz and also won a cash prize of Rs. 1000/-., organized by M. B. Institute of Tech., Vallabh Vidyanagar, from September 28 to 01 October, 2020.
10. Three students Mr. Avishkar Patel, Mr. Hit Pancholi and Mr. Harmit Patel from Mechanical Engineering Department had won a prize of Rs. 50000 in the 1st level competition in GUJCOST ROBOFEST 2.0. These students were mentored by Mr. Jaypalsinh Rana and Mr. Darshan Bhatt.
11. Yogesh Zinzuwadia in Hack-NU-Thon 2.0 organised by Nirma University on 17-18th April and won 1st Rank + Most Pretty Hack Award with cash prize of Rs. 6500. The student was guided by Ms. Aakansha Saxena.



Student Clubs

In view of all-round development of students, various clubs have been formed. Students pursuing their programs in different disciplines of the Constituent Institutions, actively organize and participate in various activities of these clubs and societies.

The cultural clubs mainly focus on bringing the importance of our traditional values in the minds of today's youth.

The technical clubs are formed to stimulate students' technical ideas into innovative development activities in Engineering and Science in the path of creation and innovation and to find a solution in an optimistic way with the support of experts from various organizations.

Sports Club Activities at Indus University



Umang 'N Utsan

Softwares Chasers

Raksha Shakti

Razzmatazz

Sargam

UIta Pulta

Naari Shakti

Auto Riders

Khana Khazana

Rotaract

Rangmanch

Sanshodhan

Pustak Samiksha

Sarkar

Bulls'N Bears

Khula Manch

Kridangan

Paryavaran

Brahmaand

Robotics

Yoga Sadhana

Anu sandhan

Convocations



1st Convocation

Shri. (Dr) A. S. Kiran Kumar
Chairman, ISRO



2nd Convocation

Shri. Pankaj Patel
Chairman & Managing Director, Zydus Group



3rd Convocation

Shri. Aravind Sitaraman
Chairman and CEO
What Is India
Publishers.Pvt.Ltd.

Smt. Anju Sharma (IAS)
Principal Secretary
Education Department
Government of Gujarat

Dr. H Purushotham
CMD
National Research and
Development Corporation, New Delhi



4th Convocation

Shri. Mahendra Patel
Chairman, Mamta Group



5th Convocation

Dr. Chandra Sekhar Verma
Regional Officer,
AICTE, Bhopal

Shri. Bhupendrasinh Chudasama
Hon'ble Minister of Education
Govt. of Gujarat

Smt. Anju Sharma, IAS
Principal Secretary,
Education Dept.,
Govt. of Gujarat



Dr. Nagesh Bhandari, Presidential
Secretariat, Indus University
addressing to the passing out
students during the 5th
Convocation held on 31-12-2020.



Dr. RK Singh, Registrar, Indus
University delivering a brief on
Annual Report during the 5th
Convocation held on 31-12-2020.

Research And Development

PhD is an opportunity and a conscious choice to contribute to the nation with innovative development. It is a lengthy process wherein the scholar explores the research area in-depth for the next few coming years under the supervision of an experienced guide. Indus has a large number of faculty members eligible to lead research projects in diverse areas.

Researchers at Indus University 2019-20

 INDUS UNIVERSITY <small>Where Practice Meets Theory</small>	Dr. Sandeep Chakravorty Electrical Engineering-IITE	Dr. R K Singh Management -IIMS	Dr.Sujoy chaudhury Metallurgical Engineering-IITE
Dr. Minesh Thaker Electronics and Communication-IITE	Dr. Sweta Shah Electrical Engineering-IITE	Dr. Jaydeep Chakravorty Electrical Engineering-IITE	Dr. Umang Patdiwala Mechanical Engineering-IITE
Dr. Vishal dahiya Computer Science-IICT	Dr. Vrushank Shah Electronics and Communication-IITE	Dr.K. Santhy Metallurgical Engineering-IITE	Dr. Seema Mahajan Computer Engineering-IITE
Dr. Gaurav Kumar Ameta Computer Engineering-IITE	Dr. Mitesh J Mungla Mechanical Engineering-IITE	Dr A D Dhass Mechanical Engineering-IITE	Dr.Bansi Raja Mechanical Engineering-IITE
Dr. Dhiren R. Patel Mechanical Engineering-IITE	Dr. Anupam Kumar Singh Civil Engineering-IITE	Dr Nimisha Patel Computer Engineering-IITE	Dr. Manisha Vitahlpura Physics-ISHLS
Dr. Tanushree Basak Physics-ISHLS	Dr. Samir Patel Civil Engineering-IITE	Dr. Jishnu R. Gohel Civil Engineering-IITE	Dr. Madhuresh Makavana Chemistry-ISHLS
Dr. Nikunj Valand Chemistry-ISHLS	Dr. Mamta Pillai English-ISHLS	Dr. Manisha Ubale Mathematics-ISHLS	Dr. Jigna Panchal Mathematics-ISHLS
Dr. S Y Jani Automobile / Mechanical-IITE	Dr Arnaz Wadia Management-IIMS	Dr. Dharmil Patel Management -IIMS	Dr. Dipti Sethi Management -IIMS

Researchers at Indus University 2019-20

Dr. Hardik Bavishi Management -IIMS	Dr. Ashwin Patani Electronics and Communication-IITE	Dr. Renu Choudhary Management-IIMS	Dr. Tejal Shah Management -IIMS
Dr. Daisy Kurien Management-IIMS	Dr. Ritendra Sharma English-ISHLS	Dr. Neerav Verma Management-IIMS	Dr. Richa Verma Management-IIMS
Dr. Ankit Sodha Civil Engineering-IITE	Dr. Payal Mehta Civil Engineering-IITE	Dr. Paras Patel Chemistry-ISHLS	Dr. Chetana Deoghare Chemistry-ISHLS
Dr. Neelam Kshatriya Management-IIMS	Dr. Madhavi Dave Computer Science-IICT	Dr. Naresh Chhatwani Sociology-IDEA	Dr. Gauri Gaur Management-IIMS
Dr. Lokesh Gagnani Computer Science-IICT	Dr. Akshara Dave Computer Science-IICT	Dr. Prabu Kanna Computer Engineering- IITE	Dr. Ankur Kakkar English, Indic Study Indus University
Dr. Pushpendra Singh Sisodia Computer Engineering-IITE	Dr. Yogesh Kumar Computer Engineering - IITE	Dr. Kinchit Shah Management-IIMS	Dr. Kuldeep Joshi Chemistry-ISHLS
Dr. Mudit Saxena Mechanical Engineering- IITE	Dr. Ashutosh Shukla Clinical Research-ISHLS	Dr. Reena Patel Mathematics-ISHLS	Dr. Sushobhan Maity Mathematics-ISHLS
Dr. Lokesh Mohan Physics-ISHLS	Dr. Rawesh Kumar Chemistry-ISHLS		

Faculty Achievements

1. Dr. Suketu Jani published research Paper on "ATIG Welding: A small Step Towards Sustainable Manufacturing" in Advances in Materials and Processing Technologies in January 2021.
2. Dr. Suketu Jani published research Paper on "ATIG Welding: A small Step Towards Sustainable Manufacturing Techniques to weld similar and dissimilar materials by ATIG welding - An Overview" in Advances In Materials and Manufacturing Processes in June 2020.
3. Mr. Ketan Lakhtaria published an original research article in a UGC-CARE listed journal of H-index 12 and having ISSN: 0973-4929, "Lakhtaria K, Trivedi S, Kandya A. Monitoring and Assessing the Environmental Noise along a Busy Traffic Corridor of Ahmedabad City, India." Current World Environment, An International Research Journal of Environmental Science Vol. 16, No. (1) 2021, Pg. 198-209 April 2021, Enviro Research Publishers, India
4. Mr. Ankit H. Sodha, published an original research article in a peer-reviewed SCOPUS Indexed Journal of H-index 12 and cite score of 1.0 having ISSN:1758-7328, E-ISSN:1758-7336 "A. H. Sodha, , D. P. Soni, and S. A. Vasanwala, Evaluation of linear visco-elastic model of quintuple friction pendulum isolator.", International Journal of Structural Engineering, vol.11, no.1, pp.19-43, Jan. 2021, Inderscience Publishers, Switzerland.
5. Mr. Anand Patel has published a research paper titled "A review on Risk & Risk Management Technique in Construction Projects". The paper can be referred to in Volume- 01 No 1, of International Journal of Disaster Recovery & Business Continuity.
6. Mr. Anand Patel has published a research paper titled "A Review: Construction Industry and applications". The paper can be referred to in Volume-Issue VII, July 2020, of International Journal of Management, Technology & Engineering.
7. Ms. Disha Parekh published a research paper on "A CONCEPTUAL REVIEW ON CONVOLUTIONAL NEURAL NETWORKS AND RECURRENT NEURAL NETWORKS" in an IARA Journal, Scopus Indexed, during December, 2020.
8. Dr. Samir Patel, published the research article titled as "Prioritizing Facilitators for Successful Implementation of PBSS in Indian Urban Areas Using BWM Method", in the SCOPUS indexed International Journal of Mathematical, Engineering and Management Sciences Vol. 5, No. 6, 1108-1117, 2020.
9. Dr. Samir Patel, published the research article titled as "Planning of Public Bicycle (Bike) Sharing System (PBSS): A Case Study of Surat City" in the SCOPUS indexed Journal Transportation Research Procedia 48(2020)2251-2261,
10. Dr. Samir Patel was awarded a Scholarship of 240 € to attend a 10 days' summer school at RWTH Aachen University, Germany from 05-16 October 2020 by Indo-German Center of Sustainability (IGCS), Germany.
11. Dr. Seema Mahajan received research project grant of Rs .1233100/- from GUJCOST for Smart Incubator using IOT and Machine Learning on 30th March, 2021.
12. Ms. Zalak Patel had presented her exemplary research work in the Research Conclave on December 23, 2020 in Five Days Online STTP on "Evolution of RF Electromagnetics from Microwave to mmWave Technologies" organized by VJTI, Mumbai.
13. Dr. Umang Patdiwala published research Paper titled "Performance enhancement using TiO₂ Nanoparticles in solar still at variable water depth "published in SCOPUS Taylor & Francis Journal, Published on 20th January 2021, Volume 42, Issue-1, (2021),
14. Mr. Jaypalsinh Rana and Mr. Darshan Bhatt as a mentor of Avishkar Patel, Hit Pancholi and Harmit Patel from Mechanical Engineering Department received a prize money of Rs. 50,000 in the 1st level competition in GUJCOST ROBOGEST 2.0 organized by Government of Gujarat.

Faculty Achievements

15. Dr. Umang Patdiwala & Mr. Dharmendra Sapariya published research Paper Published in Taylor and Francis Journal named: "Energy Sources, Part A: Recovery, Utilization, and Environmental Effects" with paper titled as "A review on thermochemical biomass gasification techniques for bioenergy production" Published online: 02 Dec 2021.

16. Dr. Umang Patdiwala got Approval of Industry Consultancy Work based on "Coal Analysis" Fund of Rs.50,000/- received and the same has been completed.

17. Dr. K. Santhy published research paper on Investigation of Graphite Influence on Al/Fe and Al2024/Fe Metal Matrix Composites, Metallophysics and Advanced Technologies, Vol.42, Issue.4, 565-573 (2020), DOI: 10.15407/mfint.42.04.0565. (Scopus indexed journal)

18. Dr. K. Santhy published a research paper on "Thermodynamic modelling of magnetic laves phase in Fe-Ti system using first principle method", Intermetallics, Elsevier Publications, Vol. 128, 2021.

20. Dr. Sujoy K. Chaudhury published research paper on "Microstructural Changes and Quality Improvement of Al7Si0.2Mg (356) Alloy by Die Vibration", 2020, International Journal of Metal Casting, Springer publication, Vol. 14, 2020, p. 987-998.

21. Dr. K. Santhy published research paper on published "Scratch characteristics of particle and fiber reinforced polymer composite" in Materials Today Proceeding.

21. Dr. K. Santhy published a research paper on "Rejection Rate Minimization of Cast Iron Components through Metallurgical Analysis", Parwani, A.K., Ramkumar, P., Abhishek, K., Yadav, S.K. (Eds.) Recent Advances in Mechanical Infrastructure Proceedings of ICRAM 2020, Springer.

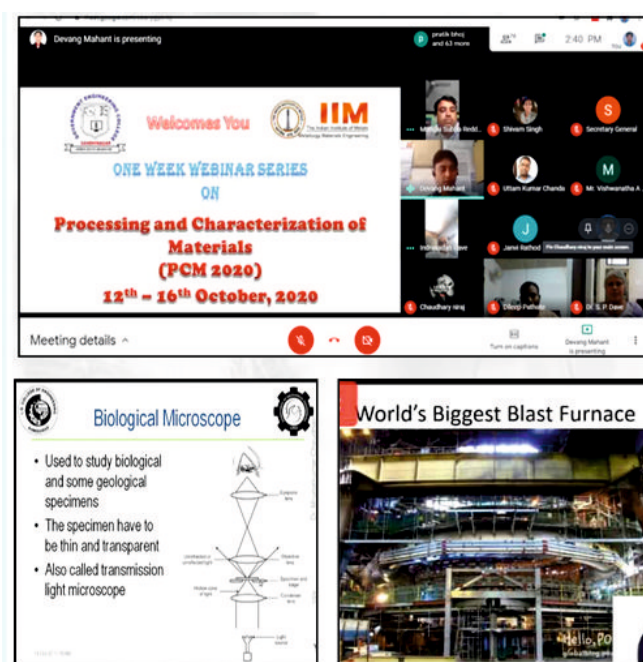
22. Dr. K. Santhy published a research paper on "Modal analysis of E-glass basalt laminated composite plates

based on experimental mechanical properties using FEA", Journal of Natural Fibers, June 2021.

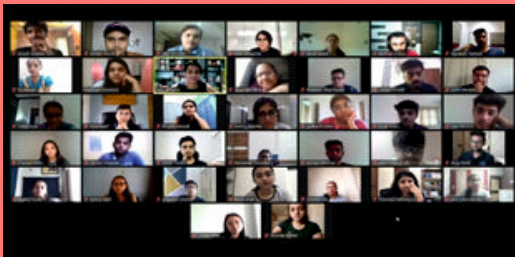
23. Dr. K. Santhy presented a paper on "Rejection Rate Minimization of Cast Iron Components through Metallurgical Analysis" in International Conference on Recent Advances in Mechanical Infrastructure, organized by IITRAM, Ahmedabad on 21st to 23rd August 2020.

24. Dr. K. Santhy presented a paper on "Investigation of Al2O3 nanofluid by diluted ethylene glycol for heat transfer applications" in 1st International Conference on Recent Progress in Material science and Mechanical Engineering (ICRPMSME 2021), GEC Gandhinagar on 28-29th May 2021.

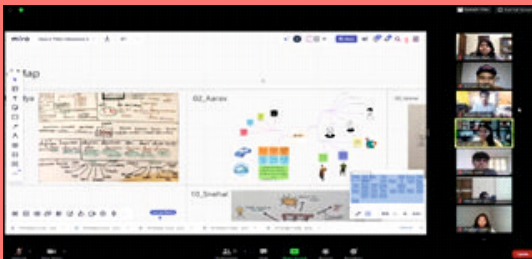
25. Dr. Umang Patdiwala published research Paper titled "Performance enhancement using TiO2 Nanoparticles in solar still at variable water depth" published in SCOPUS Taylor & Francis Journal, Published on 20th January 2021, Volume 42, Issue-1, (2021)



Expert Talk



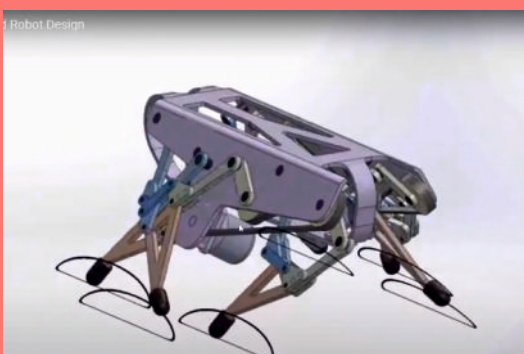
Expert talk on “Research Methodology: Writing Research Papers and Proposals”



Collaborative program on Space Time



Online FDP on “Scanning Electron Microscopy and X-Ray Diffractometer”



FDP on “Application of Design Software in Mechanical Engineering”

Expert talk on “Research Methodology: Writing Research Papers and Proposals” was organized online by PhD Cell, Indus University by Speaker Dr. P.N. Tekwani. The talk highlighted various aspects of the research process, the flow for writing research proposals and demonstrated the requirement of strong knowledge for writing research papers.

Materials and Metallurgical Engineering Department and Mechanical Engineering Department, Bannari Amman Institute of Technology jointly organized 6 days online FDP on “Scanning Electron Microscopy and X-Ray Diffractometer” on 6th to 11th July 2020.

Electronics and Communication Engineering Department had organized GUJCOST Sponsored Two days’ workshop on “Skill Development on Network and Cyber Security Configuration using Network Simulation” on March 15-16, 2021. This Program was coordinated by . Hansa Shingrakhia

Electrical Engineering Department had organized GUJCOST Sponsored Workshop on Analysis, Modelling and Simulation of Smart Grid Protection Issues using PSCAD Software On January 21-22, 2021. This workshop was coordinated by Ms. Hinal Shah & Ms. Rashmi Sharma

Mechanical Engineering Department had organized one-week FDP on “Application of Design Software in Mechanical Engineering” during September 21 – 25, 2020. It covers an overview of various software like Fusion-360, MATLAB, AutoCAD, and Autodesk Inventor were shared with participants. A total of 14 participants (12 Faculty, 2 M. Tech (CAD/CAM) Students) had participated in the FDP. This FDP was coordinated by Dr. Mitesh Mungla

Computer Engineering Department had organized A One Week with 2 credit International Online Course on “Machine Learning and its Application: Industry’s Perspective” was held from 22th July 2020 to 28th July 2020, on an online platform “Google Meet”. This Program was coordinated by Prof. Sejal Thakkar

Faculty Contribution in Workshop / Conference / Invited Talk

1. Dr Dipti Sethi delivered a session on June 23, 2021 on topic "Mentoring Students towards being Professionals" in FDP organized by Dept. of Computer Science, IICT, Indus University, Ahmedabad from June 22-24, 2021.
2. Dr Renu Choudhary delivered a session on June 24, 2021 on topic "Interpersonal Skills in Teaching" in FDP organized by Dept. of Computer Science, IICT, Indus University, Ahmedabad from June 22- 24, 2021.
3. Dr. Vishal Dahiya Played the roles of speaker, expert and coordinator of national Level Five days FDP on "BIG DATA ANALYTICS - TOOLS AND TECHNIQUES", Organized by Department of Computer Science, IICT, Indus University from 30 November to 4 December, 2020.
4. Dr. Vishal Dahiya Convener of GUJCOST sponsored Online STTP on "AI and ML Applications in Data Science" from 22.02.2021 to 26.02.2021 organized by the Department of Computer Science, IICT, Indus University.
5. Dr. Vishal Dahiya Delivered two expert sessions on "Introduction to AI, Tools & Techniques," and "Importance of ML in AI" in GUJCOST sponsored Online STTP on "AI and ML Applications in Data Science" from 22.02.2021 to 26.02.2021 organized by the Department of Computer Science, IICT, Indus University.
6. Dr. Vishal Dahiya Resource person and Speaker at the 3-day FDP on "Effective Teaching, Strategies and Ethics for Professional Courses" organised by Dept of Computer Science, IICT, Indus University from 22-24 June 2021.
7. Ms. Bhavna Hotchandani Coordinated and attended national Level Five days FDP on "BIG DATA ANALYTICS - TOOLS AND TECHNIQUES", Organized by Department of Computer Science, IICT, Indus University from 30 November to 4 December, 2020.
8. Ms. Bhavna Hotchandani Delivered an expert session on "Hands on Python" in GUJCOST sponsored Online STTP on "AI and ML Applications in Data Science" from 22-26 Feb 2021 organized by the Department of Computer Science, IICT, Indus University.
9. Dr. Madhvi Dave elected as the Managing Committee Member for Computer Society of India - Ahmedabad Chapter (2021/22) in March, 2021.
10. Dr. Lokesh Gagnani Selected as a Reviewer in IEEE Conference Record No: 51004 (ICCCIS-2021) in February 2021.
11. Dr. Lokesh Gagnani Selected as a Reviewer in the International conference on Artificial Intelligence and Energy System (ICAIES-2021) during 12-13 June, 2021 in virtual mode (Scopus Indexed).
12. Dr. Suketu Jani delivered an expert talk on "Prospective of electric vehicle" which was organized by mechanical engineering department, Gandhinagar Institute of Technology, Gujarat under GUJCOST sponsored workshop between November 25th to 26th, 2020 for UG, PG, PhD scholars and faculty members of various institute.
13. Ms. Disha Parekh Delivered an expert session on "Hands on session on Basics of R" in GUJCOST sponsored Online STTP on "AI and ML Applications in Data Science" from 22.02.2021 to 26.02.2021 organized by the Department of Computer Science, IICT, Indus University.
14. Mr. Krupal Shah delivered Expert lecture on "Hydrogen: An Alternative Fuel, at Government Polytechnic, Ahmedabad on 29th January, 2021.
15. Dr. Payal Mehta had delivered expert lecture on the topic of "Seismic Hazard Assessment: A Case Study of Vadodara Region" in Two days national Webinar on "Modern Approaches In Civil Engineering" organized by Department Of Civil Engineering, SAL Institute Of Technology & Engineering Research on April 15, 2021.

Faculty Contribution in Workshop / Conference / Invited Talk

16. Mr. Ketan Lakhtaria delivered six expert lecture sessions (two on each day) in a training program on "Basics of Concrete Technology" for L&T's front-line supervisors at CSTI, L&T, Ahmedabad on January 23, 24 and 26, 2021.
17. Mr. Ketan Lakhtaria delivered Expert Lecture sessions on "Introduction to Bridges" 'Delivered on virtual platform for front line supervisors of L & T Co, at CSTI Ahmedabad on December 15, 2020. Also organised an "Orientation cum Workshop on Virtual Lab", Indus University on December 24, 2020. Organised a Workshop on Virtual Lab on December 26, 2020.
18. Mr. Harsh Soni had delivered an Expert Talk on "Current practices in Structural Designing Consultancies" on 3rd September 2020 in a five-day National Webinar series of Prospects of Civil engineering and Current Scenario organized by SAL Institute of Technology and Engineering, Ahmedabad.
19. Dr. Samir Patel delivered an expert talk on "Low Carbon Mobility Planning with Safety Infrastructure" in 3 days STTP sponsored by TEQIP III organized by Department of Civil Engineering, Sagar Institute of Research and Technology, Bhopal.
20. Dr. Samir Patel delivered an expert talk on "Best Practices in the world in NMT infrastructure" in 3 days STTP sponsored by TEQIP III organized by Department of Civil Engineering, Sagar Institute of Research and Technology, Bhopal.
21. Ms. Harsh Soni had delivered an Expert Talk on "Current practices in Structural Designing Consultancies" on 3rd September 2020 in a five-day National Webinar series of Prospects of Civil engineering and Current Scenario organized by SAL Institute of Technology and Engineering, Ahmedabad.
22. Ms. Sejal Thakkar. Invited as a session chair at MACITRE -Feb -2021 organized by PDPU Ahmedabad.
23. Dr. Vrushank Shah, HOD (EC), was invited as a session chair during the International Conference on Computing Science, Communication and Security (COMS2) for the Session Track-2: Networking and Communication on 7th February 2021. The Conference was organized by Ganpat University, Mehsana, Gujarat, in association with the Springer CCIS.
24. Dr. K. Santhy gave invited talk on "CAPHAD and Its Application" jointly organized by Indian Institute of Metals - Tiruchirappalli Chapter, Indian Institute of Welding - Tiruchirappalli Chapter, Institutions of Engineering- Tiruchirappalli Chapter on 8th August 2020.
25. Dr. K. Santhy gave expert talk on "Materials Characterization Technique" organized by Department of Mechanical Engineering, CARE Group of Institutions, Tiruchirappalli on 1st October 2020.
26. Dr. K. Santhy gave invited talk on "Mechanical Testing of Materials." in AICTE sponsored online Short Term Training Program (STTP) on "Advanced Manufacturing and Materials" organized by Mechanical Engineering Department, JSS Academy of Technical Education, Noida on 21st December 2020.
27. Dr. K. Santhy gave expert talk on "Ellingham Diagram" in AICTE sponsored online Faculty Development Program (STTP) on "Metallurgy for All" organized by Metallurgy Engineering Department, Government College of Engineering, Gandhinagar on 2nd February 2021.
28. Mr. Monil Salot gave an expert talk on "Special Casting Process and Melting Furnaces" organized by the Department of Mechanical Engineering, CARE College of Engineering, Tiruchirappalli on 19th August 2021.
29. Mr. Monil Salot gave an expert talk on "Special Casting Process and Melting Furnaces" organized by the Department of Mechanical Engineering, CARE College of Engineering, Tiruchirappalli on 19th August 2020.

ICSII SSIP Supported Projects

Establish Avianotic as the premiere drone manufacturer with Make in India as its core value. In the current day and age, India lacks mainstream drone development companies, and most operational UAVs are Chinese built. Avianotic aims to develop, engineer, and manufacture drones that can be accessible and usable by all; shadowing the entire spectrum from beginner to advanced users.

Sr. No.	Name of Team Leader, Members	Field of Innovation	Name of Startups/PoC/IPR	Startup/Poc/IPR
1	Samarth Sisodiya	Agriculture	Avianotic Drones	StartUp



With a target of manufacturing pollution-free electric bikes having a detachable battery, 7 speed gear, pedal assist sensor with 5 modes, fast charging, LCD display, horn lights, Powertrons founded by us i.e Mr. Sumit Vachhani, Mr. Darshan Raval, Mr. Amit Ranpariya, and Mr. Himanshu Panchal under the guidance of Head of Automobile Engineering Department Dr. Suketu Jani.

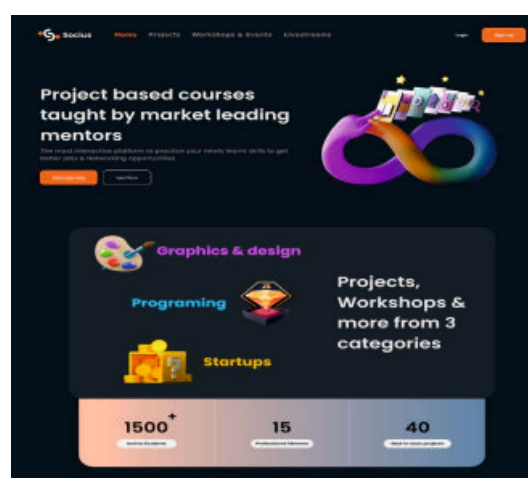
Sr. No.	Name of Team Leader, Members	Field of Innovation	Name of Startups/PoC/IPR	Startup/Poc/IPR
2	Sumit Vachani	Automobile	Electric Paddle Mover	StartUp



ICSII SSIP Supported Projects

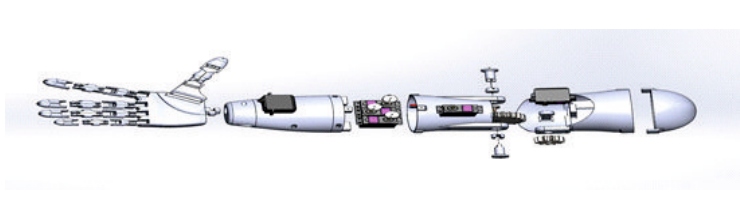
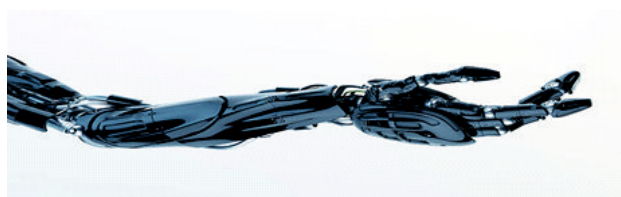
Socius is a LMS for colleges to help them shift and manage their academic activities online. Socius is packed with multiple must have features for any educational institutes to enable their students with remote access any time anywhere in the best way possible. Socius LMS has equal benefiting features for all the users to start off with teachers,

Sr. No.	Name of Team Leader, Members	Field of Innovation	Name of Startups/PoC/IPR	Startup/Poc/IPR
3	Aayush Doshi	EduTech.	Socius	StartUp



Nowadays Prosthetic limbs are easily available but there is a lack of sense of touch, feeling and performing small activities like picking very small objects. Sense of touch is possible with brain surgery but that is too costly and risky at same time.

Sr. No.	Name of Team Leader, Members	Field of Innovation	Name of Startups/PoC/IPR	Startup/Poc/IPR
4	Hit Pancholi	Prosthetics	Bionic Hand	StartUp



Student's Life at Indus

Sparx - Technical Events



Aethos - Non Technical Events



Collympic Sports Event



Rhapsody Night



Bike Stunt Showcase





ज्ञानेन प्रकाशते जगत्

**INDUS
UNIVERSITY
IITE**

Indus Institute of Technology & Engineering



ज्ञानेन प्रकाशते जगत्

**INDUS
UNIVERSITY
IIMS**

Indus Institute of Management Studies



ज्ञानेन प्रकाशते जगत्

**INDUS
UNIVERSITY
IISS**

Indus Institute of Special Studies



ज्ञानेन प्रकाशते जगत्

**INDUS
UNIVERSITY
IIICT**

Indus Institute of Information & Communication Technology



ज्ञानेन प्रकाशते जगत्

**INDUS
UNIVERSITY
IISHLS**

Indus Institute of Sciences Humanities & Liberal Studies



ज्ञानेन प्रकाशते जगत्

**INDUS
UNIVERSITY
IIDEA**

Indus Institute of Design Environment & Architecture



ज्ञानेन प्रकाशते जगत्

**INDUS
UNIVERSITY
IIATE**

Indus Institute of Aviation, Technology & Engineering



ज्ञानेन प्रकाशते जगत्

**INDUS
UNIVERSITY**

Where Practice Meets Theory

Rancharda, Via. Shilaj, Ahmedabad 382-115 Gujarat, INDIA.

T: +91 2764 260277 / 78 / 79 | M: +91 9099944241 / 42 | info@indusuni.ac.in | www.indusuni.ac.in