



ज्ञानेन प्रकाशते जगत्

**INDUS
UNIVERSITY**

Where Practice Meets Theory

2022-23 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.

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Board of Governance

Board of Governance consist of distinguished personalities like

Chairperson

Dr. Ritu Bhandari

Alternate Chairman

Dr. Nagesh Bhandari

Vice Chairman

Dr. Sandeep Chakravorty

Member Secretary

Dr. R. K. Singh

Members

- Prof. (Dr.) Vedvyas Dwivedi
- Shri Parindu Bhagat
- Dr. Satya Sai K Jillella
- Shri Dhruven Shah
- Shri Mukesh Kumar, IAS
- Shri Srini Srinivasan
- Prof. (Dr.) Seema Verma
- Dr. Jagat Shah
- Shri. Shekhar Vyas

Board of Management

Chairperson

Dr. Ritu Bhandari

Alternate Chairman

Dr. Nagesh Bhandari

Vice Chairman

Dr. Sandeep Chakravorty

Member Secretary

Dr. R. K. Singh

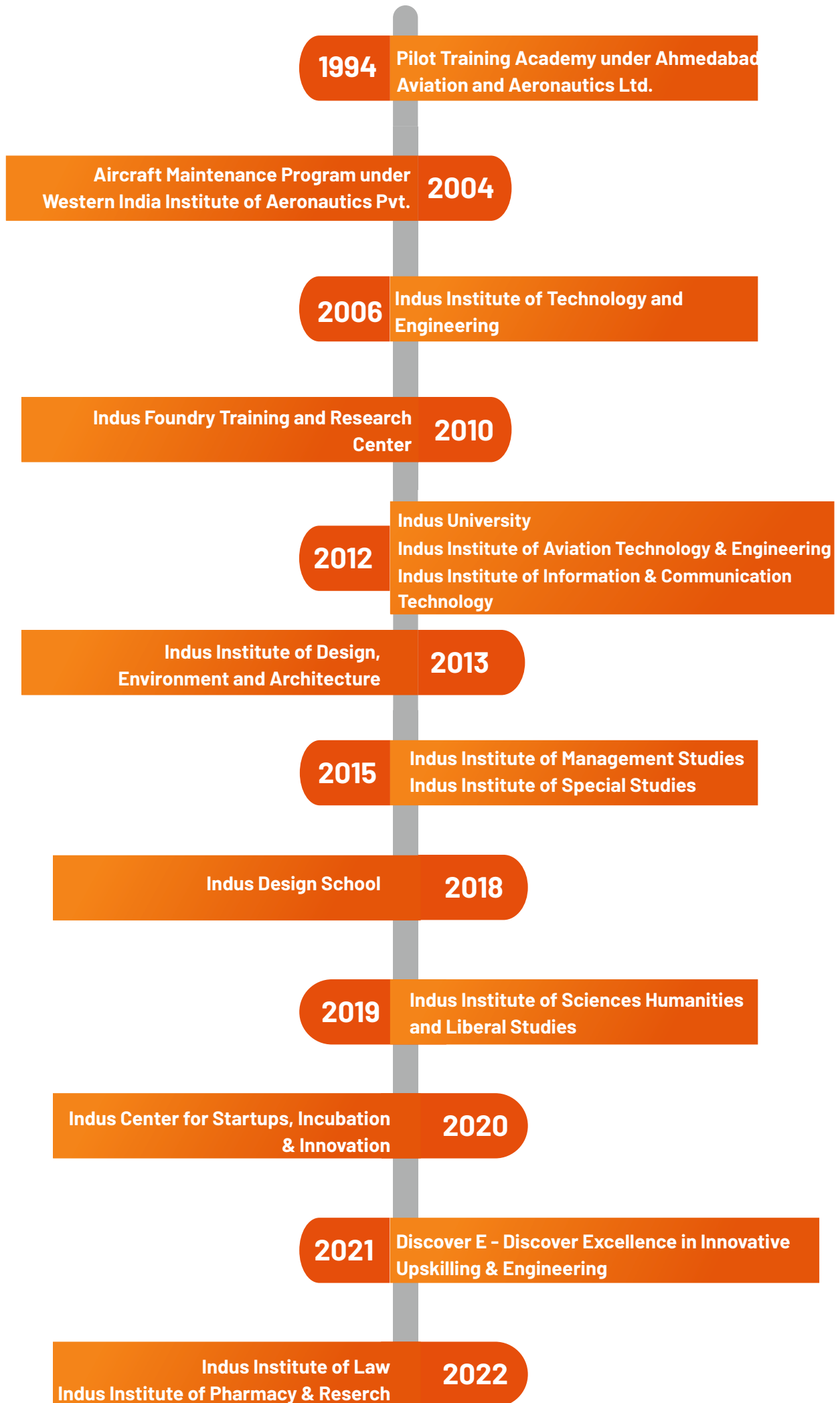
Members

- Prof. (Dr.) Vedvyas Dwivedi
- Prof. (Dr.) Seema Verma
- Dr. Pramod Joshi
- Dr. Ritendra Sharma
- Mr. Amol Bagesar

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 Engineering
- Civil Engineering
- Computer Engineering
- Computer Science Engineering
- Cyber Security
- Electronics & Communication Engineering
- Information & Communication Technology (ICT)
- 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 Science
- Cyber Security

D to D Lateral Admission in B. Tech



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
- BBA, BBA in Aviation Management
- MBA in Aviation Management
- B.Com. (Honours) with ACCA, UK
- M.Com. (Honours)



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 & Chemistry, Microbiology
- Master of Science in Clinical Research, Mathematics, Physics and Chemistry
- PGDMLT, DMLT
- B.A English • M.A. (English, English Language Teaching)

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".

Courses Offered:

- Bachelor of Liberal Studies (Honours)

Indus Institute of Information and Communication Technology (IIICT) 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), Cyber Security
- B.Sc. + M.Sc.
- M.Sc.IT
- BCA + MCA
- Master of Computer Application

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.

Courses Offered:

- B.Sc (Aircraft Maintenance) (Honours) (Avionics and Mechanical)
- B.Tech (Aircraft Maintenance Engineering & Aeronautical Maintenance)

With an aim to add various dimensions in legal education, Indus Institute of Law offers a conducive environment for legal experts of tomorrow. The institute focuses on fostering a supportive atmosphere where students can thrive and prepare themselves for the challenges of a dynamic, global legal landscape. Indus Institute of Law aims to make legal education global by creating a great place for future legal experts.

Courses Offered:

- B.A.LL.B.(Hons.) Integrated 5 year
- B.B.A.LL.B.(Hons.) Integrated 5 year
- LL.B.(Hons.) 3 year

Indus Institute of Pharmacy and Research is constituent college of Indus University established in 2022 as the center of excellence in the field of Pharmaceutical education and research to impart effective healthcare societal needs. It offers B.Pharm course to impart quality education and train the stakeholders through state-of-the-art infrastructure. Indus Institute of Pharmacy and Research is committed to develop Pharmacy professionals as responsible citizens of a society with high ethical values.

Courses Offered:

- B.Pharm

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 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.

Doctorate Degree Awarded to:

Sr. No.	Name	Department/ Institute	Title	Supervisor
1	Dr. Ketan Virjibhai Lakhtaria	Department of Civil Engineering, IITE	"Assessing the Impact of Noise pollution on Human Functionality along with mitigation approach for Ahmedabad City, India"	Dr. Sandip Trivedi



Sr. No.	Name	Department/ Institute	Title	Supervisor
2	Dr. Piyushkumar Manubhai Mistri	Department of Mechanical Engineering, IITE	"Experimental Investigations of the solar cooking system with parabolic Dish and Trough Collector"	Dr. Kedar Pathak

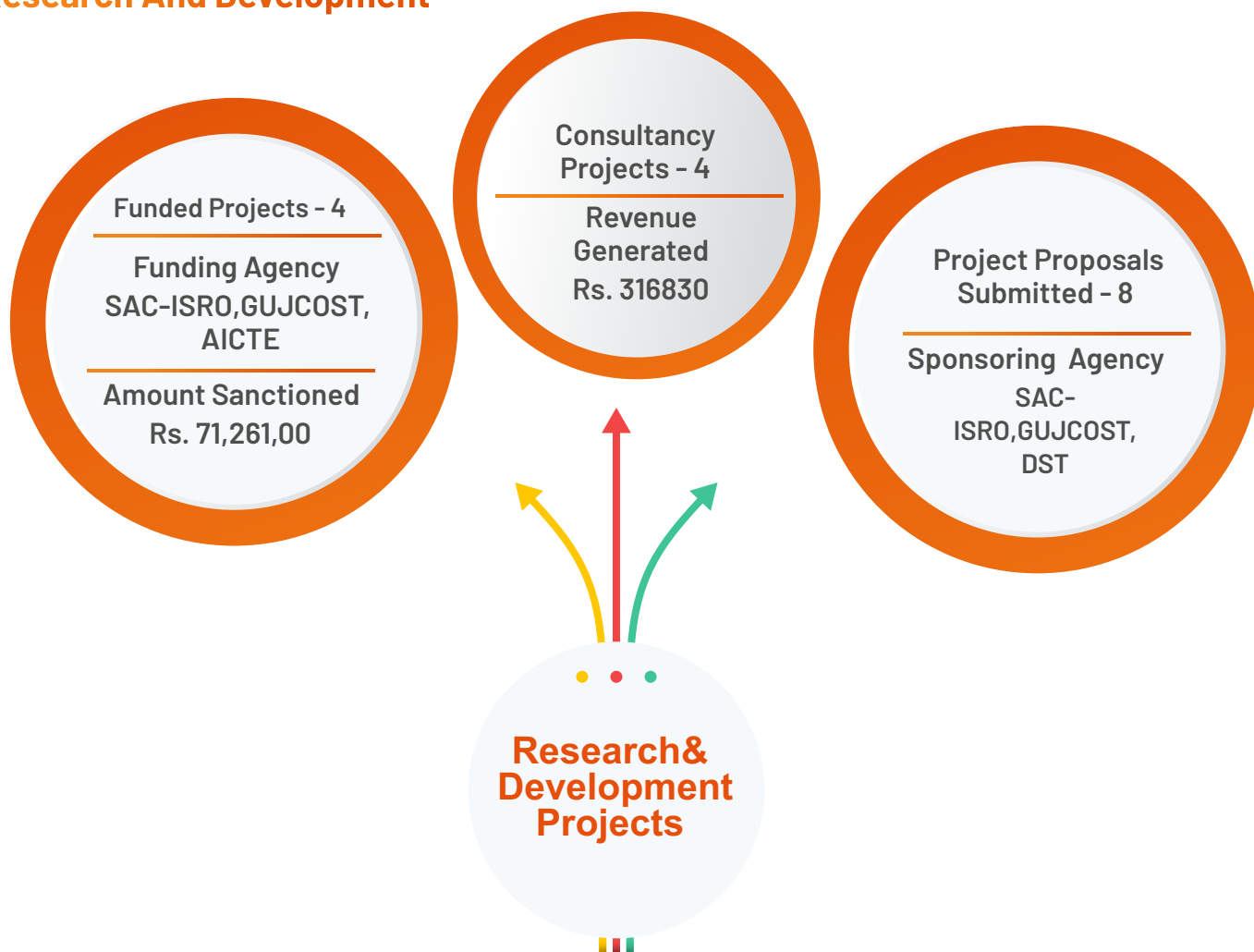


Research And Development

Ph.D. Completed

Sr. No.	Name	Department/ Institute	Title	Supervisor
1	Dr. Ruchir Ojasbhai Parikh	Department of Mechanical Engineering, IITE	"Investigation and Performance analysis of solar still with hybrid nanoparticles."	Dr. Umang Patdiwala
2	Dr. Dixit Ashokkumar Patel	Department of Mechanical Engineering, IITE	"Experimental Investigation on Welding of Hastealloy by A-TIG welding Process"	Dr. Suketu Jani
3	Dr. Shailee Jaitrak Patel	Department of Physics, IISHLS	"Study of Physical and Biological Processes over Bay of Bengal Using Roms and Satellite Data"	Dr. Manisha Vithalpura & Dr. Smita Ratheen
4	Dr. Foram Shaileshkumar Suthar	Department of Computer Engineering, IITE	"A Novel Mechanism For Preventing TCP SYN DDOS Attack In The Network"	Dr. Nimisha Patel & Dr. Samrat Khanna
5	Dr. Disha Harshadray Parekh	Department of Computer Science, IICT	"Breast Cancer Diagnosis and Enhanced Detection Mechanism: On a DISCOM Based Dataset with Machine Learning Supervised Algorithms and Enhancing the Prediction Accuracy by Implementing Enseble Algorithm"	Dr. Vishal Dahiya
6	Dr. Kaushal Kiritbhai Bhatt	Department of Electrical Engineering, IITE	Experimental Investigation on Harmonic Profile Improvement in multilevel Inverter"	Dr. Sandeep Chakravorty

Research And Development



Research & Development and Publications



Research And Development

List of Research Fund:

S. No.	Project Title	Principal Investigator	Funding Agency	Amount	Duration
1	Thermodynamic Stability of Ternary Intermediate Phase Ni ₃ (Ti,X) using Density Functional Theory	Dr. K. Santhy	Gujcost	Rs. 3443000	June '23-May'26 (3 years)
2	Use of Oceansat-3 and coupled bio-physical model to generate reanalysed fields of chlorophyll	Dr. Manisha Vithalpura	SAC-ISRO	Rs. 2000000	Sept. '22-Aug'25 (3 years)
3	Tritiya Prakriti aur Bharatiyata: Reclaiming the Narrative Indic	Prof. Prabodh Mishr	AICTE	Rs. 450000	Oct '22-Sept '24 (1 years)

Consultancy Projects:

S. No.	Name of the client	Title	Team	Funds Received (Rs.)
1	Mr. Rishi Israni, Zimplistic, Singapore	Enhancing thermomechanical fatigue life and distortion of 6061 Al sheet	Dr. K. Santhy, Prof. Monil. Salot, Prof. Gaurav. Awasthi, Mr. Jayesh Khasia (Metallurgy)	118000
2	Mr. Rishi Israni, Zimplistic, Singapore	Enhance thermal conductivity and achieving temperature uniformity of Al pan		88500
3	Mr. K. Shivarama, Stumpp Somappa Springs Pvt. Ltd., Bangalore	Study on corrosion properties of steel		51330
4	Mr. K. Shivarama, Stumpp Somappa Springs Pvt. Ltd., Bangalore	EBS analysis of surface modified steel		59000

Industry Connect

Indus University has a dedicated Training & Placement Department, led by a team of experienced professionals with many years of industry and academic experience. This department serves as a central hub for career guidance, catering to students from various academic disciplines. It offers comprehensive career support, helping students make informed decisions about their ideal careers. Moreover, it actively promotes collaboration between the academic and industrial sectors through activities such as industrial visits, expert sessions, seminars, workshops, internships, campus recruitment events and job placements. The department is always ready to provide quick assistance and works diligently to expand its network and ensure timely and effective support for students.

Top Packages 2022-23

₹13.6 LPA
FEDERAL BANK

₹10.05 LPA
ANALOG DEVICE

₹8.75 LPA
WONDERBOTZ

₹4.98
Average Package

Percentage of Students Placed: **93.08%**

Total Number of Companies: 352

1) IT & ITES Sector - 212

2) Core - 47

3) Management - 51

4) Non-Tech(GEN.) - 42

Top Employers

 code is art code is us				 Powered by illuminate®
 An Arrow Company	 A Mastek Company			 YOUR PERFECT BANKING PARTNER
				
	 Tech Soul For Your Business	 Home First Finance Company		 INTERNATIONAL AUTOMOBILE CENTRE OF EXCELLENCE
	 Trusted for Success			
 Navigate your next		 I am the 1 in	 Trusted for Success	
 SOFTWARE SERVICES PVT. LTD.		 Jindal Aluminium		
 ISO 9001:2008 Certified		 make things better	 HOUSE of PURITY	
 a GE Renewable Energy business				
	 LOOK GOOD. FEEL GOOD.	 Clinical. Automation. Systems.	 One-Stop Shop for GPCR Research	 A Business-Technology Solutions Company

				 FINANCIAL PRODUCTS DISTRIBUTORS NETWORK
				
				
		 PROCUREMENT PERFORMANCE SOLUTIONS	 SANGHVI MOVERS LIMITED	
	 Innovations Unlimited			
			 Security made simple.	 TRUSTED BRAND SINCE 1988
			 Process. Technology. Results.	
				
		 Together for Tomorrow		
				 ...boundless thinking

Top Placed Students



KARAN SAINI

MBA- Marketing
FEDERAL BANK
Rs. 13.58 LPA



PRUTHVI TIRMAL

B.Tech - CE
WONDERBOTZ
Rs. 8.50 LPA



AMAN KUMAR SINGH

B.Tech - CSE
ZEUS LEARNING
Rs. 7.20 LPA



KASHISH MOTWANI

B.Tech - CE
TCS
Rs. 7.20 LPA



PRIYANK THATE

B.Tech - CSE
TCS
Rs. 7.20 LPA



NIRMAL MUDALIAR

B.Tech - CSE
VALORX INC
Rs. 7.00 LPA



PUSHPARAJ RAJAGOPAL

B.Tech - CSE
VALORX INC
Rs. 7.00 LPA



SAMKIT SANGHVI

B.Tech - CSE
VALORX INC
Rs. 7.00 LPA



BHAVESH KOTHARI

B.Tech - CSE
VALORX INC
Rs. 7.00 LPA



HEMENDER SINGH

B.Tech - Civil
RKC INFRABUILT
Rs. 4.00 LPA



VYANKTESH UDAWANT

B.Tech - Metallurgy
GODREJ & BOYCE
Rs. 4.50 LPA

Highlights:

- Internship in MICROSOFT for B.Tech (CSE) students with a monthly stipend of Rs.1.25 Lakhs.
- New Recruiters: JSW, Welspun Steel, Jindal Aluminium, Wonderbotz, Isgec Hitachi Zosen, Godrej, Kody Tech Lab, Walmart, Flipkart, Adobe, Kalyani Forge, Sanghvi Group, Sleepwell, BDO Rise, KPMG, Schaeffler India, Mott MacDonald, Valorx, Federal Bank, Pressure Jet Systems, GITCO, etc.
- 90% students placed in Ahmedabad with over Rs.5 LPA package

Highlights of the University Level Events

NAAC ACCREDITATION

The year has witnessed the recognition from the National Assessment and Accreditation Council (NAAC) which after evaluating the performance of the University on seven different criteria's including curriculum development, teaching, learning, research and innovation, infrastructure, governance, student progression and University values have graded and placed the University with B++ grade. University remain committed towards its vision and intend to further strengthen its deliverables in term of quality education, innovation and research for the benefit of the mankind and society at large.



MOU Between Indus University and Heritage Cyber World LLP. for Cyber Security Courses

The year also witnessed the partnership with knowledge partner Heritage Cyber World LLP. for courses and training in Cyber Security and Forensic with exposure to ethical hacking, cyber laws, data security and different dynamic challenges in the real world.



Drone Lab

The year also stand out as the University partnered with Drone lab for its new courses on Drone maintenance and training on Remote Pilot Training (RPTO) with the approval of Directorate General of Civil Aviation (DGCA). MOU was signed between Indus University and Drone Lab Pvt. Ltd. For the following specialized courses.

- Introduction to Drone
- Basic Electronics and Circuit Design
- Aerodynamics and Flight Dynamics
- Drone Design and Construction
- Propulsion Systems
- Sensors and Navigation Systems
- Communication and Data Transmission
- Software and Firmware Development
- Quality Assurance and Testing
- Regulation and Ethics
- Drone Maintenance and Repairs
- Quadcopter/Multi rotor Drone Specialization
- Drone Safety and Regulatory Compliance Specialization



National Education Policy

In the year 2022-2023, Indus University has successfully implement the concept of National Education Policy (NEP 2020) and have started with the concept of minor tracks for its students and have also initiated credit transfer scheme for credits earned through MOOCs, NCC, NSS etc.

Highlights of the University Level Events

International Yoga Day Celebration

Indus University's Student Activity Cell celebrated International Yoga Day on June 21, 2023, with an insightful event. The goal was to promote yoga for physical and mental well-being among students and faculty. Qualified instructor Ms. Jyoti Oza, associated with the Gujarat State Yoga Board and the Ministry of Ayush, led various yoga sessions.



Celebration of World Environment Day

On World Environment Day June 5 2023, NCC cadets from Indus University organized a tree plantation event on Indus University campus. A total of 50 saplings were planted. These saplings were specifically chosen for their ability to thrive in the local environment.



Two-day national conference on India's most revered ecological concept of "Acharanam"

Indus University, in collaboration with LIFE, hosted a two-day national conference called "Acharanam". The Civil20 (C20) working group, aimed to bring together voices, ideas, and solutions to global challenges under the G20, with a special focus on researching eco-friendly lifestyle practices. The event took place at Indus University on May 27-28, 2023, focusing on India's most revered ecological concept of "Acharanam". This event explored the integration of ancient Indian scripture into daily life and offered global policy recommendations. Distinguished speakers, including politicians and experts, discussed environmental ethics, green nanotechnology, and rural reconstruction, highlighting India's eco-consciousness. The conference featured 22 prominent speakers, emphasizing India's historical contributions to nature and ecology.



26th International Society for Technology in Education (ISTE) Gujarat State Annual Faculty Convention & Conference on "Global Exigencies for Smart & Sustainable Technologies"

Indus Institute of Technology and Engineering, Indus University hosted the 26th ISTE Gujarat State Annual Faculty Convention & Conference on "Global Exigencies for Smart & Sustainable Technologies" on April 27, 2023. The event brought together a number of educators and faculty members from various universities to exchange innovative ideas and research in education. The conference focused on smart and sustainable technologies, with talks by Dr. Pratapsinh Kakasaheb Desai, the National President of ISTE New Delhi. Awards were presented to exceptional educators and engineering colleges. The event featured 89 papers from 18 technical institutes of Gujarat. It was jointly organized by IITE, Indus University, and ISTE Gujarat Section.



Highlights of the University Level Events

An awareness session on: "Engineering Your Path to Success: Navigating Entrepreneurship, Innovation, and Intellectual Property Rights(IPR)"

Indus Institute of Technology and Engineering at Indus University, Ahmedabad, hosted an awareness session titled "Engineering Your Path to Success: Navigating Entrepreneurship, Innovation and IPR" on April 25, 2023. The event featured Chief Guest Shri. Nilesh Desai, Director of SAC-ISRO. It aimed at empowering students with knowledge and skills for entrepreneurship and innovation success. The session was a collaboration between IITE, IICT, Indus University, WIIA, and SSIP Government of Gujarat.



Bootcamp "From Concept to Creation: A Bootcamp and Exhibition for Next Generation Innovators."

Indus Institute of Technology and Engineering at Indus University held a boot camp titled "From Concept to Creation" on April 26, 2023. This event aimed to empower students with the skills to turn their innovative ideas into reality, covering the entire process from ideation, prototyping, and pitching.



Project Exhibition 2023

Indus Institute of Technology & Engineering hosted Project Exhibition - 2023 on April 26, 2023, displaying final year student's projects from all engineering departments and WIIA. Students presented and demonstrated their projects, gaining exposure and showcasing their talent.



Basic First Aid Training by Indian Red Cross Society

Indus University, a member of the Youth Red Cross Group, organized Basic First Aid Training on April 22, 2023, for faculty and staff. Participants learned essential techniques for treating unconscious patients, handling epileptic fits, dealing with choking incidents and received a demonstration of Cardiopulmonary Resuscitation(CPR)procedures.



Panel Discussion/Brainstorming Session 2023

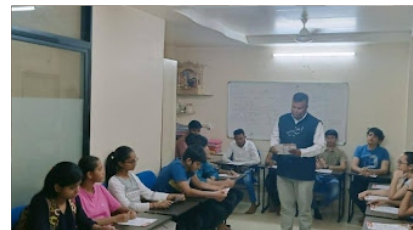
On April 12, 2023, WIIA, Indus University and Young India jointly hosted a panel discussion on "Young Indian Achievers and Business Networking for Building an Industry 4.0 Ecosystem." The event brought together young achievers, entrepreneurs, and business networking organizations to discuss strategies for fostering a sustainable business environment in India and advancing Industry 4.0



Highlights of the University Level Events

Session on Career Guidance

On April 8, 2023, a Career Guidance Session was successfully organized by Mr. Ashish Rao and Mr. Avkash R Sharma at Achievers Academy. The session aimed to provide valuable insights and guidance to students and young professionals regarding their career choices and development.



National Conference on Shri Aurobindo

Indus University, in collaboration with the esteemed Gujarat Sahitya Academy, hosted a National Conference on Shri Aurobindo on March 28, 2023. The event aimed to explore the life, philosophy, and contributions of the renowned philosopher and spiritual leader, Shri Aurobindo, and shed light on his profound influence on literature, philosophy and spirituality.



MoU between Indus University and Wismar University

On March 21, 2023, Indus University and Wismar University held a productive meeting to explore collaboration opportunities and established a Memorandum of Understanding (MoU). They aim to promote academic and cultural exchange, advance research, potentially initiate student and faculty exchange programs, joint research projects, and joint degree programs.



Ph.D. Orientation Program 2023

To encourage research scholars to conduct high-quality research, an orientation programme for Ph.D. research scholars was organized on January 28, 2023. Dr. Girish Goswami the Project Director from the Department of Science and Technology (DST), Govt. of Gujarat, was invited as the chief guest for this Ph.D. orientation event.



Republic Day Celebration

Indus University celebrated the 74th Republic Day with pride and patriotism on January 26, 2023. The event included an NCC cadet rank ceremony, musical and dance performances by talented students, and a motorcycle ride to the Gulf of Khambhat by the Rotaract and Photography Clubs for "Patriot on Wheels."



PATANGBAAZ

With a sky filled with colorful kites and the people dancing to the beats of the music, Indus University celebrated the "Patangbaaz" on January 13, 2023. The event was attended by more than 100 students while the spirit of Uttarayan was flowing in the wind.



Highlights of the University Level Events

World Record for Longest Science & Innovation Expert Talk Series

In October 2022, as part of the 75th Azadi Ka Amrit Mahotsav celebrations, Vigyan Gurjari hosted a Student Innovation Fest (SIF) in Gujarat.. The fest featured 75 experts delivering sessions on Science, Technology, and Innovation for 75 days, engaging over 10,000 participants. Indus University participated as a knowledge partner, conducting six expert sessions as part of SIF-2022.



"Sakhi 2.0"

On December 13, 2022, the Rotaract Club of Indus University (RCIU) held "Sakhi 2.0" at Satyam School, Ahmedabad. This event focused on raising awareness about menstrual hygiene, fostering inclusivity, and providing sanitary napkins to female students who may have previously lacked access. The RCIU collaborated with eight other clubs from across India on this important initiative.



Appreciation by ARDORCOMM Media

Executive President Prof. (Dr.) Sandeep Chakravorty and Registrar Dr. R. K. Singh received appreciation for their valuable and exemplary contribution in the education sector during the Education Leadership Summit being organized by the ARDOR COMM Media on October 17, 2022.



Induction and Student Empowerment Program 2022 (IITE)

Indus Institute of Technology & Engineering (IITE) organized an event on September 8-9, 2022, to welcome incoming first-year students from both IITE and Indus Institute of Science, Humanities and Liberal Studies (IISHLS). The goal was to help them get to know the university's rules, resources, and values. It also included interactions with alumni students to create personal connections and to set expectations for their college journey.



Ph.D Orientation 2022

The Ph.D. Cell conducted an Orientation program for the July 2022 batch on August 20, 2022. Ph.D Orientation Program provided valuable insights into the university's guidelines and the flow of the Ph.D. program to the newly joined research scholars.



Guest Lecture (Student Innovation Fest 2022)

During the Student Innovation Fest 2022, the Ph.D. Cell at Indus University organized an expert session in collaboration with Vigyan Gurjari Ahmedabad-Gandhinagar Unit. This event featured the longest Expert Talk Series and National Level Competitions. On August 18, 2022, Prof. (Dr.) Ishbir Singh, Director of IITE at Indus University, delivered a session on "Intellectual Property Rights" with the aim of motivating students to engage in research and innovation. Approximately 110 students actively participated in the session.

Highlights of the University Level Events

Independence Day Celebration

To commemorate the commencement of the 76th year of Independence, Independence Day was celebrated on August 15, 2022 at Indus University, Ahmedabad as part of the Azadika Amrit Mahotsav. The celebration included various cultural activities performed by the students of different institutes.



ISTE Faculty Chapter

Indus Institute of Technology & Engineering, Indus University, established the India Society for Technical Education (ISTE) Faculty Chapter with the aim of fostering technical education and excellence in the institution in February 2023.



Alumni Meet 2022

Indus University held an Alumni Meet on October 21, 2022, to reconnect with alumni students, celebrate their achievements, and strengthen ties with the institution. The event included cultural performances by current students and inspiring stories from accomplished alumni, emphasizing the alumni's crucial role in the university's growth. During the Alumni Meet, Indus University honored outstanding alumni in two categories:

Alma Mater Award: Acknowledged Mr. Jageer Patel's contributions to student placement and alumni activities in Electrical and Electronics Engineering at Indus University.

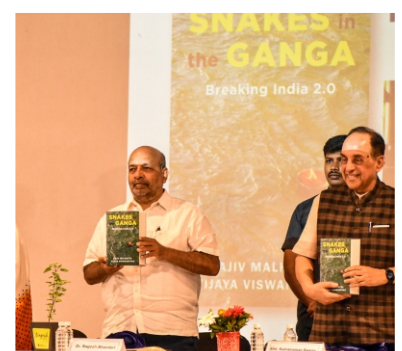
Professional Achievement Award: Acknowledged Mr. Suraj Lulla's academic excellence and contributions to special projects and research in MSc.IT at Indus University.

As a token of appreciation, each awardee received a cheque of Rs. 50,000 and a memento.



Book Launch 'Snakes in the Ganga

The book launch ceremony for best-selling author Rajiv Malhotra's new book, "Snakes in the Ganges: Breaking India 2.0" was held at Indus University on October 19, 2022, in the presence of the Chief Guest, Shri Subramanian Swamy, and Dr. Nagesh Bhandari, Dr. Ritu Bhandari, and The Presidential Secretariat of the Indus University. This book talks about problems in India, namely how certain ideas (Marxism and Wokeism) relate to the caste system and how these issues could affect India's unity and stability.



Highlights of the University Level Events

Inauguration of Electric Vehicle Charging Station

The Department of Automobile Engineering hosted the Inaugural Ceremony for the Electric Vehicle Charging Station at Indus University on October 17, 2022. The station was inaugurated by Chief Guest Shri Subramanian Swamy and the Presidential Secretariat.



MoU with Avantika University, Ujjain

Indus University and Avantika University signed an MoU on September 27, 2022. Avantika University is India's first Design Centered University, offering programs in Industrial Design, Communication Design, User Experience with Fashion Design, and Engineering at various levels. The collaboration aims to bridge the career skill gap in the design field, fostering student talent from both universities to nurture the competent professionals of the future.



Ramzat 2022 (Navratri Celebration)

On September 26, 2022, Indus University marked the festive occasion of Navratri with immense zeal and vibrancy during "Ramzat 2022." The event was a dazzling spectacle of colorful attire and radiant lights. The university had the pleasure of welcoming Mr. Archit Patadia, an alumnus of Indus University, along with his band. Their performance greatly contributed to the festive ambiance. More than 3,000 students enthusiastically participated in the celebration, showcasing their



55th Engineer's Day Celebration

Indus Institute of Technology & Engineering celebrated Engineer's Day on September 15, 2022, in honor of Dr. M. Visvesvaraya. The event's theme was "Smart Engineering for a Better World." Dr. Sachin Parikh, Joint Director of Directorate of Technical Education, Gujarat, and Chairman of ISTE Gujarat Section, was the Chief Guest. He emphasized the role of engineers in India's development and delivered a talk on this topic.



Chhat ki Chahat

Rotaract club of Indus University had organized a community service event, "Chhat ki Chahat - An Urge for Home" on July 30, 2022. This initiative aimed to provide a roof over the heads of those who are less privileged, ensuring they have a shelter during times of harsh weather and rain.



Highlights of the WIIA and IIATE

In March 2023, a surveillance and detection UAV, an unmanned aerial vehicle, was effectively created and trialed by WIIA.



On February 28, 2023, a landmark event unfolded as WIIA and IIATE jointly organized and hosted their pioneering Model Rocketry and Chuck Glider competition. This competition marked a significant milestone, showcasing innovations and talents in the fields of aerospace engineering and aviation.

From December 16-18, 2022, students of Institute of Aviation Technology & Engineering showcased their skills at the National Aeromodelling Competition held at IIT Mumbai. This collaborative event, jointly organized by IIT and Boeing, provided a platform for students to exhibit their prowess in aviation.



On April 18, 2023, students of Institute of Aviation Technology & Engineering took part in the National Aeromodelling Competition hosted at MIT-ADT Pune University, showcasing their talents and skills in the field.



Mr. Amol Kumar Singh from WIIA released a book called "Basic Aerodynamics and Theory of Flight" on Amazon on June 22, 2023. The book explains the basics of how things fly in an easy-to-understand way.

Program Organized by Indusians

Indus Architecture School (IAS)

1.The Indus Architecture School (IAS) organized a Lecture Series 2022-2023 on “Socio-Spatial Narratives: Intrinsic and Manifested” and invited eminent academics and professionals from across India. The guest lecturers included were: Prof. Neelkanth Chhaya (August 26, 2022), Prof. Shubhra Raje (October 2, 2022), Prof. Rabindra Vasavada (March 22, 2023) and Prof. Bijoy Ramachandran (May 2, 2023).



2.Indus Architecture School conducted a collaborative program on “Indic Art and Architecture” with the Center for Indic Studies from July 14 to August 4, 2022. Expert lectures were taken by Prof. V.N. Prabhakar from IIT Gandhinagar, Ar. Komal Thawrani, Ar. Komal Pujara and Dr. Shikha Rai.



3.Indus Architecture School organized Alumni Talk Series: Thesis- Hypothesis: Samvad 2022. The intent of the Alumni Talk Series was to strengthen and develop a stronger Alumni Culture where notable alumni presented their Final Year Thesis Project. A total of 9 alumni presented their work on September 6, 13 and 20, 2022.

4.Indus Architecture School conducted the Orientation Programme for the batch of 2022 on September 26, 2022 to give an overview of the University, student life on campus, teaching and learning process, architectural pedagogy, curriculum, and departmental policies.

5.Indus Architecture School organized a Related Study Programme in Sihor, Gujarat. Associate Prof. Shaunak Desai and Asst. Prof. Komal Thawrani took semester 1 students from January 7-12, 2023 to Sihor, Gujarat where they explored the heritage precinct and documented the traditional houses.

6.Indus Architecture School organized a Related Study Programme, “Historic precincts and their identity in urban situations - case of Banganga, Mumbai” for semester 8 students from January 15 to 22, 2023. The students studied the historic precincts of Banganga and had discussions with Prof. Harshad Bhatia and Ar. Mehul Sanghvi.

7.Indus Architecture School, as part of the G-20 activity, organized a sketching trip for semester 2 students on January 31, 2023. This exercise was conducted by artist Sarika Mehta who demonstrated the intricacies of capturing details.

8.Indus Architecture School conducted a 45-hour certificate course for students on “Designing for Greater Efficiencies (EDGE)” in February 2023. The course, which is based on Sustainable Architecture, is patronized by the International Finance Corporation, a unit of the World Bank.

Program Organized by Indusians

Indus Architecture School (IAS)

9. Indus Architecture School arranged for an expert lecture on "HVAC systems in Architecture" on February 15, 2023 by expert Prof. Mihir Patel.

10. Indus Architecture School organized ARCTECH event- where art meets abstract, a student competition of Abstract Art Installation, floated under SPARX, Instincts 2023 on March 2, 2023.

11. Indus Architecture School organized an expert lecture on 'Organic Architecture in Contemporary Practice' by Architect Himanshu Patel, Ahmedabad on March 10, 2023 as a part of the G20 activity.

12. Indus Architecture School organized an online lecture series for semester 8 students. The lectures were taken by Prof. Harshad Bhatia (March 13, 2023), Prof. Sanket Mhatre, IES College Mumbai (March 15, 2023), Prof. Rupali Gupte, IES College Mumbai (March 16, 2023) and Prof. Kamalika Bose (March 27, 2023).

13. Indus Architecture School in collaboration with the Centre for Indic Studies and Indus Design School conducted a 2-day workshop with the expert Prof. Harsha V. Dehejia, Professor, Carleton University, Canada.

14. Indus Architecture School organised an expert lecture by Dr. Jose Maria Lozano, a Spanish architect and professor. The expert took a session on the works of Pritzker prize winner David Chipperfield on April 11, 2023.

15. Indus Architecture School organised the Summer Collaborative Program 2023, "Narratives of Living Temples of Tamil Nadu" from May 16-27, 2023. Students explored the socio-cultural context of the temple towns of Kanchipuram and Chidambaram and understood the evolution and temple typologies. Collaborators were Dr. T.S. Shanmukha Shivacharyar and Dr. Deepa Duraiswamy.

16. Indus Architecture School organized an exhibition of students' work done during the Summer Collaborative Program 2023, "Cultural Narratives of Temples: Living Temples of Tamil Nadu" from June 5 to 13, 2023.

17. Indus Architecture School organized the Summer Collaborative Program 2023, "Context and Anatomy in Architecture: a travel-based workshop in Ladakh" from May 18-30, 2023. The Program was conducted in collaboration with the founders of Field Architects—Ar. Faiza Khan and Ar. Suril Patel. Students explored the local Ladakhi-built forms, and visit restoration and adaptive-reuse projects.

18. Indus Architecture School organized an exhibition of students' work done during the Summer Collaborative Program 2023, "Context and Anatomy in Architecture: a travel-based workshop in Ladakh" from June 5 to 13, 2023.



Program Organized by Indusians

Indus Design School (IDS)

1. Indus Design School organized an exhibition of students' work for different disciplines: Product Design, Fashion Design, Interior Design, and Communication Design on May 22- 23, 2023. Students presented their learning processes in the form of Infographic panels and products to support their research and design.



2. Indus Design School created an installation on April 27, 2023, for the 26th (ISTE) Gujarat State Annual Faculty Convention 2022 & Conference held at Indus University. The Installation aimed to make people aware of the importance of three R's (Recycle, Reuse, Reduce). For this installation, students recycled the waste newspaper to create various kinds of murals using Paper mache technique.

3. Indus Design School arranged a webinar on the topic, "Story of a picture" by expert Dr. Graham Roberts on April 17, 2023. The webinar included the expert's reflections on his work, and his best-known artwork series, The Red.

4. Indus Design School created an installation on the topic, "Unseen Addiction" from April 24 to 27, 2023. The installations intrigued the viewers to delve into how unseen addictions affect lives, and it created awareness about Perceived Behavioural Control.



Indus Institute of Technology & Engineering (IITE) Department of Automobile Engineering

1. Indus Automobile Engineering Association organized a Workshop on 3D Parametric Design using Catia on July 23, 2022. The aim of the workshop was to provide the students with hands-on experience, develop their interests, and encourage innovation in the Automobile sector.

2. The Department of Automobile Engineering conducted the awareness program on Road Safety and Electric Vehicles in association with BU4 AUTO PVT LTD & Riya Auto Link Ltd on September 30, 2022. During this Event, Electric two-wheelers and four-wheelers were showcased. Insights on Electric vehicles and demonstrations were provided.

3. The Department of Automobile Engineering organized an expert lecture on "The Role of Finite Elements in Automobile Engineering" by Mr. Harshil Shah, CEO of Symmetric Solution Pvt. Ltd., Gandhinagar on February 2, 2023.

4. Department of Automobile Engineering organized an expert lecture on "Adaptability and Challenges of Advanced Driver Assistance System (ADAS)" by Mr. Keyur Ajwalia, Test Engineer, IAV Automotive Engineering, Germany on Feb. 15, 2023.

Program Organized by Indusians

Department of Automobile Engineering

5. The Department of Automobile Engineering inaugurated the "Automobile Atelier" on April 25, 2023. The Automobile Atelier was revamped with the latest tools and equipment to help students to have a better understanding of the latest technologies.



Department of Civil Engineering

1. The Civil Engineering Department organized a four-week "Winter School" as Skill Development Internship from December 6 to 30, 2022 consisting of various technical and non technical sessions. A total of 10 expert sessions, 4 industrial visits, 4 software sessions, 2 Alumni sessions, and 15 practical sessions were held.



2. Department of Civil Engineering, organized an online expert talk on "Embodied Carbon and Life Cycle Carbon Assessment" on February 17, 2023. The talk was delivered by Mr. Himanshu Limbachiya, Structural Engineer, BECHTEL Corporation, England-UK.

3. The Department of Civil Engineering organized a 2-Day hands-on workshop on "Building Drafting and Modelling using AutoCAD & REVIT" on March 2-3, 2023 in collaboration with the CADD Centre Training Services Pvt. Ltd.

Department of Computer Engineering & Computer Science and Engineering (CE/CSE/IT)

1. The Computer Engineering Department organized an event "Game Development Basics" on July 22, 2022. A total of 85 students participated successfully in the event that aimed to introduce the participants with the basics of game development and careers in this industry.

2. The Computer Science and Engineering Department organized a workshop on "Salesforce Development Basics" on July 23, 2022. The workshop provided insights into Salesforce development, covering architecture, tools, and custom application creation.

3. The Department of Computer Engineering, Computer Science and Engineering organized a one-month Skill Development Internship Program from August 1 to 30, 2022. It was a 60-hour program as part of an internship for third-semester students.

4. The Department of Computer Science and Engineering, along with Computer Engineering Student Association

Program Organized by Indusians

Department of Computer Engineering & Computer Science and Engineering (CE/CSE/IT)

(CESA) organized the event "Competitive Coding" on August 29, 2022. Around 50 students of CE/CSE/IT participated in the event.

5.The Department of Computer Science and Engineering organized a workshop on "Web Development Using React JS" on August 13, 2022. Mr. Akash Padhiyar, CEO of Akash Technolabs, Ahmedabad joined as an expert to conduct the sessions.

6.The Department of Computer Science organized an online session on "Cyber Security" on August 13, 2022 under the Indus Alumni Association and Association of Computer Science and Information Technology (ACSIT) with 100+ participants. The expert was Mr. Raj Dhruv- Associate Consultant, Synopsys Inc., UK(alumnus, IIICT)

7.The Department of Computer Engineering, Computer Science and Engineering organized a seminar of Royal Technosoft on September 29, 2022 where over 200 students participated. The session was conducted by expert Mr. Mihir Mehta.

8.The Department of Computer Science, organized a workshop on "Flutter" on September 23, 2022, under the Association of Computer Science and Information Technology by expert Ms. Anjali Patel, St. Technical Trainer, Tops Technologies.

9.The Department of Computer Science organized an online webinar on "Software Testing & Automation Tools" on October 15, 2022 under the Indus Alumni Association and Association of Computer Science and Information Technology (ACSIT). The expert for the session was Ms. Amola Jani- Software Quality Analyst, ISTQB CTFL | ISTQB CTAL-TA certified. Ms. Amola is an alumnus of DCS, IIICT.

10.The Department of Computer Science & Engineering organized an expert talk on "Introduction to IOT" for students on November 16, 2022. A total of 114 students registered and attended the event. Dr.Jignesh Patolia, Sr Engineer, elInfochips Ltd, was invited to conduct the session.

11.The Computer Science & Engineering Department organized an industrial visit for 4th-semester students of Computer Science Engineering at Shine Infosoft, Ahmedabad on February 11, 2023. Students learned the software development life cycle in software companies, the testing process, the deployment process, etc.

12.CE/CSE/IT Department organized an Expert talk on "Cyber Security Arms Race" on March 12, 2022. Total number of 200 students participated where the topics were, Cyber weapons and the new Arms Race, password protection techniques, breach monitoring, how to access dark web, Osint Framework, phishing detection, security vulnerabilities on working of attack defense, SQL injection, web cache poisoning, forgery with server report, Maltego software usage, and darknet diaries.

13.The Computer Engineering Department organized a Certification Program on "Cyber Security" from June 1 to 20, 2023 and received a participation of 78 students. The invited guest speakers were Dr. Ravi Sheth (Rashtriya Raksha University), Mr. Smit Patel(Pristine Info Solutions)and Mr. Parth Pandya(Heritage Cyber World)



Program Organized by Indusians

Department of Computer Engineering & Computer Science and Engineering (CE/CSE/IT)

14. The Department of Computer Science and Engineering Department coordinated a 20-day Amazon Web Services (AWS) Cloud Computing Certification Course from June 1 to 20, 2023. The course introduced participants to the fundamentals of cloud computing, provided hands-on training on various AWS services, and enabled participants to design, deploy, and manage applications on the AWS platform.



Department of Electrical Engineering (EL)

1. The Department of Electrical Engineering and Mechanical Engineering organized a certification program on Lift Maintenance starting from March 14, 2022. Over 30 students participated in the 25-hour course.



Department of Electronics & Communication Engineering (EC)

1. The Department of Electronics and Communication Engineering conducted a One Day Workshop on “Building Internet of Things Systems” by Dr. Rutu Parekh, a Professor at DAICT, Gandhinagar & Post-Doctoral from IIT, Bombay On July 25, 2022. More than 30 students and 10+ faculties participated in the workshop.



2. The Department of Electronics and Communication organized a Technical Quiz on September 15, 2022 on the occasion of Engineer's Day, for B.Tech (EC & ICT).

3. The Esync student association of the Electronics and Communication Engineering department, conducted a learning-cum-demonstrative workshop on “Drone Dynamics and Flying” on October 7, 2022. Over 45 participants learnt about the design of drones, speed controller/flight controller, etc.

4. The Department of Electronics & Communication Engineering, organized an online expert talk on “Mission Prarambh: India's Historic Space Launch of a Private Rocket” by Dr. Vinod Kumar, Director of Indian National Space Promotion and Authorization Centre (IN-SPACe), Department of Space, Govt. of India on December 16, 2022.

5. The Department of Electronics and Communication, IITE along with the E-Sync student association conducted a workshop on “PCB Design” on February 17, 2023. Students learned the process of creating the layout, schematic design, component selection, Board layout design and routing on Altium Circuit Maker tool.

Department of Materials and Metallurgical Engineering

1. The Department of Materials and Metallurgical Engineering, along with Government Engineering College, Gandhinagar, jointly conducted a State Level Poster Competition on “Recent Advances in Materials Processing and Applications”, on August 5, 2022 in Indus University.

2. The Department of Materials and Metallurgical Engineering arranged a guest lecture on February 1, 2023. Prof. Pierpaolo Carlone from the Department of Industrial Engineering of the University of Salerno, Italy and Trustee of ASM International gave a talk on “Pultrusion process of composite fabrication, the challenges and its future”.

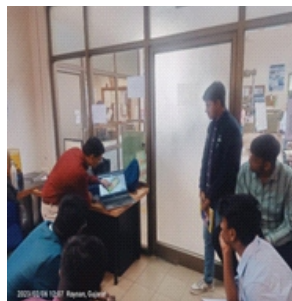
3. The Department of Materials and Metallurgical Engineering arranged a guest lecture on February 23, 2023.

Program Organized by Indusians

Department of Materials and Metallurgical Engineering

Mr. Krishnakant Balubhai Patel, Senior Metallurgist, and former employee of Metal Powder Industries Federation, Princeton, New Jersey, USA delivered a technical talk on "Production Equipment's of Non-Ferrous Powder".

4. The Department of Materials and Metallurgical Engineering (MME) arranged an Institute visit to PDEU for students on February 6, 2023. Professor Vishvesh Bhadeka and Dr. Jay Vora, faculty of Mechanical Engineering of PDEU explained and demonstrated the 3D additive manufacturing technology using polymer and metal powders.



5. The Department of Materials and Metallurgical Engineering in association with Indus Foundry Training and Research Centre conducted a 2-day training program on "Hands-on Training on Foundry Practices" under the Skill Development Scheme on 11th - 12th March and later, on April 13 and 14, 2022.

6. The Department of Materials and Metallurgical Engineering organized a Seminar on "Employment Opportunities in Non-Destructive Testing" on March 15, 2022. The resource person was Prof. Ajay Sikdar, Adjunct Faculty and Advisor Research and Development (R & D), Indus University.

7. Indus Foundry Training and Research Centre in association with the Department of Materials and Metallurgical Engineering conducted a 2-day training program on Hands-on Foundry Practices under Skill Development Scheme on April 13-14, 2023.

Department of Mechanical Engineering

1. The Mechanical Engineering Department organized a one-day skill development workshop on Casting Practice & AutoCAD Drafting on July 16, 2022 for Diploma students of other institutes. In the workshop students learned AutoCAD software, Casting Process, Induction Furnace, Pattern and Mold description, Sand Testing etc.

2. The Mechanical Engineering Department organised a five-day Skill Development Program on CAD Design & Foundry Practice from July 26 to 30, 2022 for 3rd-semester mechanical engineering students.

3. The Mechanical Engineering Department organized an expert talk on "Literature & Patent Search Practices" on August 10, 2022 for 7th-semester students. In this talk, Prof. Dharmendra Sapariya and Prof. Shaswat Padalia discussed the importance of patents, sources of patents, and procedures for filing patents.

4. Indus Mechanical Engineering Association (IMEA) organized a two-day Skill Development Program on "Solidworks" on August 8 & 9, 2022. The expert of the event was Mr. Jatin Patel (Technical Director, Khodiyar CAD Center Pvt. Ltd., Ahmedabad), who rendered his expertise to all modules of Solidworks Software.

5. The Department of Mechanical Engineering, IITE organized an expert session on Statistical Process Control (SPC) on February 8, 2023. A session was conducted by the expert Mr. Amey Prakash Tattu, AGM, Kalptaru Power Transmission Ltd.

Program Organized by Indusians

Indus Institute of Information & Communication Technology (IIICT)

1. Department of Computer Science (DCS), Indus University organized a webinar on “Significance of Mathematics in the Field of Computer Science: 135th Birth Anniversary of Mathematician Srinivasa Ramanujan” to celebrate the National Mathematics Day on December 22, 2022. Prof. (Dr) Savita Gandhi, Dean, Faculty of Computer Applications and IT, GLS University and Dr. Mumukshu Trivedi, Assistant Professor, Institute of Management, Nirma University were invited as experts.

2. The Association of Computer Science and Information Technology (ACSIT), Department of Computer Science organized a yearly state-level event “Indus Techno Freaks 2K23” on January 6, 2023 at the Indus University campus. A total of 15 colleges and schools had participated with 180 registrations.

3. The Department of Computer Science, organized an essay writing competition with the theme “Women lead Development” on January 31, 2023. The competition was organized as part of the G-20 initiative, to meet the challenges facing mankind as “one family”.

4. The Department of Computer Science, organized a cultural fest “Agnitio 2023” under the Association of Computer Science and Information Technology (ACSIT), on Feb. 11, 2023 under G-20 to meet the challenges facing mankind as “one family”.



5. The Department of Computer Science, along with the Association of Computer Science and Information Technology (ACSIT), organised a debate competition and presentation of posters under G 20 with the theme of "Social, Physiological and Psychological impact of AI & ML on Indian society" on February 24, 2023.

6. The Department of Computer Science organised a social cause-driven event “Little Box of Happiness” on February 11, 2023. During the event, kids of the university’s supporting staff, labourers working in campus and other unprivileged children from nearby villages were invited and were provided with snacks and a stationary kit.

7. The Department of Computer Science along with the Association of Computer Science and Information Technology (ACSIT), organised a poster-making competition and presentation under G-20 with the theme of “Digital Commerce” on February 11, 2023.

8. The Department of Computer Science, along with the Association of Computer Science and Information Technology (ACSIT), organised a “Tree plantation & Social Awareness Campaign” on March 1, 2023.

9. The Department of Computer Science, along with the Association of Computer Science and Information Technology (ACSIT), organised a visit to “Jivdaya Charitable Trust” on March 1, 2023.

10. The Department of Computer Science organised a Project Exhibition on April 26, 2023. Students of MCA, M.Sc.-IT, BCA, B.Sc.-IT, B.Sc.-Computer Science, and B.Sc. Data Science participated to showcase their technical talent.



Program Organized by Indusians

Indus Institute of Management Studies (IIMS)

1.The Indus Institute of Management Studies organised an Institute Industry Session on August 18, 2022 by Ms Shivani Jain, Assistant Vice President, AXIS Bank Ltd, Ahmedabad, who delivered an expert session on "Careers in Banking".

2.The Indus Institute of Management Studies organised an Institute Industry Session on September 27, 2022 by Dr. Nirali Mehta who took a session on "Entrepreneurship -Becoming Your Own Boss".

3.The Indus Institute of Management Studies organised an Institute Industry Session on November 3, 2022 by Mr. Naresh M. Golani, Associate Vice President, ONLINE PSB Loans Ltd., who took session on "Digital Lending: Opportunities & Challenges".

4.The Indus Institute of Management Studies organised Gokulashtami on August 18, 2022, celebrating the birth of Shri Krishna. The festivities included a Fancy Dress contest, Poster Competition, and the traditional Curd Pot (Dahi Handi) activity, with certificates awarded to the winners.



5.The Indus Institute of Management Studies conducted a Certificate Program on "Industrial Sickness & The Insolvency and Bankruptcy Code, 2016" on September 2 2022, wherein 123 Management Students participated.

6.The Indus Institute of Management Studies organised an Industrial Visit at Arvind Mills Ltd. on September 7, 2022 for the Final Year MBA students. The objective was to provide a functional opportunity and to demonstrate career prospects.

7.The Indus Institute of Management Studies organised "Spirit Days 2.0" from January 16 to 20, 2023. The days that were celebrated as a part of SPIRIT DAYS 2.0 were: Go Green Day on January 16; Group Day on January 17; Executive Day on January 18; Bollywood Day on January 19 and Cultural Day on January 20, 2023.

Indus Institute of Indus Institute of Science, Humanities & Liberal Studies (IISHLS)

1.Department of Physics, IISHLS conducted the Physics Laboratory session for NIOS Secondary Science Experiments for the GURUKUL students on December 27 & 28, 2022. 16 GURUKUL students along with Vigyan Aacharya Shri Darshan Parikh from Gotirth Vidyapeeth, attended the session and performed various physics experiments.

2.The Department of Languages organised an "Elocution Competition" on December 29. The main purpose of the competition was to provide a platform for the students to present their rhetoric skills. More than 80 students participated from the various departments of the University and out of them 16 were selected for the final round.

3.The Department of Clinical Research organised the "SciToon Competition" for semester 4 and 6 students on January 30, 2023. The competition was organised by Dr. Mayur Savaliya and Ms. Hirava Sevak for increasing awareness about health care. Students presented their A1 size Poster of Scitoon drawings.



Program Organized by Indusians

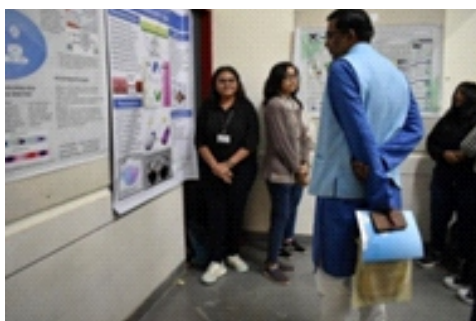
Indus Institute of Indus Institute of Science, Humanities & Liberal Studies (IISHLS)

4. The Department of Languages (English) IISHLS organised an "Essay Writing Competition" on January 30, 2023 under the G20 activities. The main aim of the activity was to provide a platform for the students to enhance their knowledge and writing skills. The theme of the competition was the History of Gujarat.

5. The Department of Languages (English) IISHLS and the Department of Civil Engineering jointly organised a Quiz Competition on Climate Change Mitigation under G20 Activities on March 13, 2023.

6. Department of Languages (English), IISHLS and Indus Institute of Management Studies jointly organised an Expert Talk on Trade & Commerce under G20 Activities on April 21, 2023. An expert session on Trade and Commerce was given by Dr. Rajesh Kiri, Associate Professor from IIMS, Indus University.

7. The Department of Chemistry, IISHLS organised a state-level seminar Chemfest-2023 "Indic Chemical Sciences for Start-up and Innovation" in association with the Association of Chemical Technologists-India (ACTI) on January 31, 2023.



Indus Institute of Pharmacy and Research (IIPR)

1. The Department of Pharmacy organised an Expert Talk, on January 2, 2023 conducted by Ms. Ayushi Chauhan, a practising psychologist from Mind Grow on Mental Happiness. During the session she discussed Mental Health and Happiness, and also provided insights into various career opportunities within the field.

2. The Department of Pharmacy organised an Expert Talk conducted by Mr. Anshu Buch and Mrs. Malti Buch from the Indian Beauty Institute on "COSMETOLOGY AS A CAREER OPPORTUNITY" for 1st Semester, B.Pharm students on January 03, 2023.

3. The Department of Pharmacy organised an Expert Talk conducted by Dr. Keyur Patel, Professor, K. B. Raval College of Pharmacy, Shertha, Gujarat on "Role of Pharmacist in Prescription Writing and its Interpretation" on January 28, 2023.



4. The Department of Pharmacy organised an online expert talk by expert Ms. Lima Patel, Asst. Prof., Parul University who took a session for B.Pharm students on "Electrochemical Method". Another expert talk was delivered by Ms. Prakruti Patel, K.B. Institute of Pharmaceutical Education and Research, Gandhinagar on "Pharmaceutical Calculation" on March 25, 2023.

Program Organized by Indusians

Indus Institute of Pharmacy and Research (IIPR)

5.The Department of Pharmacy organised an online expert talk by Dr. Inderbir Singh, Professor and Assistant Dean (Research), Chitkara College of Pharmacy, Chitkara University, Patiala who delivered the talk on “Introduction to Different IPRs: Case Studies and Stimulating Inventions”.

6.The Department of Pharmacy organised an online expert talk by . Dr. Raghuvirsinh Parmar, Scientist in Analytical Chemistry at ITR Laboratories, Canada, who delivered the talk on “Career Prospects in Canada after B.Pharm”.

Indus Institute of Law (IIL)

1.The Indus Institute of Law & Indus Institute of Management Studies jointly conducted a guest lecture on “Legal Aspects and Formalities of Startups” on April 6, 2023. The expert lecture was delivered by Dr. Kalpesh Kumar Gupta who is a legal expert, entrepreneur, and startup consultant. Topics covered included various legal formalities that a startup must comply with to operate in the market and benefits of adhering to legal procedures from the beginning of a startup.



Student Achievements

1. Rajveersinh Rathod, an alumnus, from the Materials and Metallurgical Engineering Department was selected as an officer in the Indian Army. His selection occurred at the Services Selection Board in Jalandhar, Punjab.
2. Vikas Choudhary, an alumnus from the Materials and Metallurgical Engineering Department, secured a position in the Indian Navy through the Senior Secondary Recruit (SSR) entry.
3. Akash Gajjar, an alumnus and automobile engineer, from the Indus Institute of Technology & Engineering, created an automatic machine for making hygienic pani puris. It can produce 40,000 puris in 1 hour. The machine uses innovative techniques with four belts to mix dough, shape puris, and prepare them for frying.
4. Omkar Someswar Umbare and Omkar Sawant from the Materials and Metallurgical Engineering Department were placed in Chandan Steel Limited with a package of 3.6 LPA.
5. Dhruv Patel, an alumnus of the Materials and Metallurgical Engineering Department, and his startup, D3S Healthcare Technologies Pvt. Ltd., had the opportunity to interact with the Hon'ble Gujarat Governor and Minister of Health & Education.
6. Raj Kakkad, an alumnus, from the Materials and Metallurgical Engineering Department, started his dealership, "Royal Electro," for electric vehicles.
7. Indus Architecture School alumnus Shivam Prajapati won a Council of Architecture award for his project on tribal settlements' architecture, titled "Influence of building materials in the vernacular house form: Case of Tribal settlements in Dahod and Dang." The project was recognized as one of the two best in the COA Students' Awards for Excellence in Documentation of Architectural Heritage 2022 in the Indigenous Dwellings category.
8. Hetvi Patel, Hemin Pansera, Savan Sharma, a final year students from the Architecture department presented research papers at an international conference on research in architecture held at D. Y. Patil College of Architecture, Pune.
9. Materials and Metallurgical Engineering Department students were placed in Saarloha Advanced Materials Pvt. Ltd. (Kalyan Group), Pune.
10. Mr Ayush Acharya and team, 6th-semester students from the Electronics & Communication Engineering Department won the first prize for the hardware category in an Internal Hackathon, held at Indus University on March 29, 2022. The selected problem statement was "Require Drones based surveillance of the Open border in Vulnerable Gaps and areas".
11. Mr Udawant Vyanktesh Rajendra, an 8th-semester student, from the Materials and Metallurgical Engineering Department, was placed in Godrej & Boyce as a Graduate Engineer Trainee.
12. Mr. Sanket Khandagale, Mr Anand Mhetar and Mr Suhas Survase, Students from the Materials and Metallurgical Engineering Department were placed in Saarloha Advanced Materials Pvt. Ltd. (Kalyan Group) Pune during on-campus interviews.
13. Ekta Vasani, a PhD Scholar from the EC Department, and Dr. Vrushank Shah, authored a research article titled "Spectrum Slicing-Based Performance Analysis of Free Space Optical Communication Under Atmospheric Turbulence." The article was accepted and published in the Journal of the Institution of Engineers (India): Series B by Springer in August 2023.
14. Ms. Vidhi Thakkar, a PhD Scholar from the ECE Department, and Dr. Vrushank Shah publish a book chapter titled "Electronic Health Records Security and Privacy Enhancement using Blockchain" in the book "Data-Centric AI Solutions and Emerging Technologies in the Healthcare Ecosystem, CRC Press, Taylor and Francis, Scopus Indexed in August 2023.
15. Dhiren Patel, Shivang Jani, Ajay Zala, Harshikesh

Student Achievements

Kacha, and Nigam Patel from the Materials and Metallurgical Engineering Department, a research paper entitled "Design and fabrication of 3D scanner by photogrammetry technique and using open source software" published in AIP Conference Proceedings.

16. Chirav Shah, Denish Raiyani, Hem Dave, K. Santhy, and J. Muthukumar, Alumni's from the Materials and Metallurgical Engineering Department published "Influence of Fly Ash on Microstructure and Mechanical Properties of Aluminium (Al/7Si) Alloy Composite" in Metallo Physics and Advanced Technologies.

17. Mr. Krutik Mistry from the Materials and Metallurgical Engineering Department, received the ASM International "Student Research Recognition Award-UG" during the Materials Day program.

18. Mr. Roney Pandiyan and Mr. Sanket Khandagale of the 7th Semester from the Materials and Metallurgical Engineering Department were selected for an internship at Hitachi-ISGEC, Gujarat.

19. Dhruv Patel, an alumnus of Indus University, the startup was selected for exhibition at the Science City during the Centre-State Science Conclave which was a two-day "State Science & Technology Minister's Conclave" at Science City, Ahmedabad from 10-11 September 2022, by the Department of Science & Technology, Government of India, and the Government of Gujarat. Prime Minister Narendra Modi inaugurated the Conclave of the Science & Technology (S&T) Ministers. Only 100 startups from PAN India were selected for the exhibition.

20. Vatsalya Solanki from the Civil Engineering Department presented a paper as the first author at the 8th Biennial International Conference on Energy and Infrastructure Management at Pandit Deendayal Energy University. The paper was titled "Dispute Causes Analysis Using Analytical Hierarchy Process for Capstone Projects."

21. Suraj Kishor and Isha Hajariwala, M.Sc. Physics students from the Department of Physics won the Gujarat Gyan Guru Quiz (G3Q) competition, organized by the Education Minister of Gujarat.



Faculty Achievements

List of Journal Publications

1. Dr. K. Santhy from MME department published research paper on Understanding the Initial Stage Oxidation and Microstructural Evolution of Detonation Sprayed NiCoCrAlY Bond Coat using in-situ High-Temperature X-Ray Diffraction in the SCI journal Corrosion Science with impact factor 7.205 in the month of July 2022.
2. Asst. Prof. Bhavana Hotchandani from IICT published a research paper on Big Data Heterogeneity: A Short Review in the International Journal of Innovative Technology and Exploring Engineering (IJITEE) in July 2022.
3. Asst. Prof. Miloni Ganatra from EC department published a research paper on A Novel Morphological Feature Extraction Approach for ECG Signal Analysis Based on Generalised Synchro squeezing Transform, Correntropy Function and Adaptive Heuristic Framework in FPGA in the Journal of Circuits, Systems, and Computers with impact factor 1.278 publication World Scientific in the month of July 2022.
4. Dr. Arnaz Wadia from IIMS published a research paper titled Building Structural Equation Model for Prevention of Cybercrime by Measuring Effectiveness of Factors Spreading Awareness about Cyber Security and Cybercrime Preventive Measures with Special Reference to Technology Acceptance Model (TAM) in ABDC indexed "Manager – The British Journal of Administrative Management" ISSN: 1746-1278/Volume: 58/Special Issue: 05/September 2022.
5. Asst. Prof. Divyangna Gandhi from the EC department published a research paper on Flat gain optimization of Erbium-Ytterbium co-doped fiber optical amplifiers for ultra-dense WDM systems in the Journal of Optoelectronics and Advanced Materials, in September 2022.
6. Dr. Seema Mahajan from the CE department published a research paper on "Assessment of land use, land cover change in the mangrove forest of Ghogha area, Gulf of Khambhat", Gujarat. which was published in the Journal of Expert Systems with Applications – Elsevier, in September 2022.
7. Dr. Arnaz Wadia's from IIMS published Research Paper on Exploring and Confirming Factors affecting Work Pressure Among Indian Working Women Applying Structural Equation Model and Path Analysis in the Journal of Strategic Human Resource Management, Publishing India Group, ISSN: 2277-2138 / Volume: 11/ Issue: 3/October 2022 / Page No. 29-39.
8. Asst. Prof. Monil. Salot, K. Dr. Santhy, Asst. Prof. Gaurav. Awasthi, Dr. Sujoy .K. Chaudhury from the MME department published a research paper on a new electrolytic process for synthesis of tungsten oxide nano powder from WC-6Co Scrap in the journal Ceramics International with impact factor 5.532 in October 2022.
9. Dr. K. Santhy from the MME department published a research paper on Influence of Fly Ash on Microstructure and Mechanical Properties of Aluminium (Al/7Si) Alloy Composite in the journal Metallo physics and Advanced Technologies with impact factor 0.722 in November 2022.
10. Dr. Rawesh Kumar from the Chemistry department published a research paper on A Highly Active and Cost Effective Tungsten Modified Ni-based Catalyst for the Production of Hydrogen via Methane Dry Reforming in the journal Catalysis Communications impact factor 3.51 Publication Elsevier in November 2022.
11. Dr. Rawesh Kumar from Chemistry department published research paper on Holmium Promoted Yttria-zirconia supported Ni Catalyst for H₂ Production via Dry Reforming of Methane in the International Journal of Hydrogen Energy impact factor 7.14 Publication Elsevier in November 2022.
12. Dr. Rawesh Kumar from Chemistry department published research paper on Syngas Production from Methane Dry Reforming via Optimization of Tungsten Trioxide-Promoted Mesoporous Gamma-Alumina Supported Nickel in the International Journal of

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Hydrogen Energy impact factor 7.14 Publication Elsevier in November 2022.

13.Dr. Parth Pandya from mathematics department published research paper on Efficient Deterministic Approach for Coverage Hole Detection in Wireless Sensor Underground Network: Mathematical and Simulation Model in the Journal of Pharmaceutical Negative Results, Vol. 13 SPECIAL ISSUE 09 (SCOPUS, Web of Science) ISSN: Print -0976-9234, Online -2229-7723 in November 2022.

14.Dr. Parth Pandya, from the mathematics department published a research paper on 'A Review on application of Laplace Transform in Modern fields of applied Sciences' GIS Science Journal (A UGC-CARE Approved group-II journal) ISSN:1869-9391, vol.9, Issue 11 in November 2022.

15.Ms. Nirali Shah from the physics department published a research paper on Dielectric spectroscopy and molecular dynamic simulation study of binary mixtures of benzaldehyde and methanol at 303.15 K in the Journal of Molecular Liquids (JML), Elsevier Journal (Impact factor 6.633) Scopus in November 2022.

16. Dr. Lt. Parshva Shah from IIMS published a research paper on A Study of Satisfaction of Health Insurance of Policy Holders for Pre Buying CRM Practice in the journal Shodha Samhita with impact factor 4.95 in December 2022.

17. Asst. Prof. Gaurav Awasthi, Dr. Sujoy K. Chaudhury from MME department published a research paper on Optimization of Sea Beach Sand Composition for Cast Iron Foundry Applications in the journal Materials Transaction with impact factor 1.377 in December 2022.

18.Dr. K. Santhy from MME department published research paper on Thermal expansion and microstructure evolution of atmospheric plasma sprayed NiCrAlY bond coat using in-situ high temperature X-ray diffraction in the journal Surface and Coatings Technology with impact factor 4.865 in

December 2022.

19.Asst. Prof. Nisha Thankachen from physics department published a research paper on Dielectric spectroscopy and magneto electric coupling in dilute Fe substituted quasi one-dimensional spin chain calcium cobalt manganite films in the Journal of Vacuum Science and Technology A, American Vacuum Society, American Institute of Physics (Impact factor - 3.234) (Scopus indexed) on 18th December, 2022.

20.Dr. Pushpendra Singh Sisodia, Dr. Gaurav Kumar Ameta, Dr. Yogesh Kumar from the CE department published a research paper on A Review of Deep Transfer Learning Approaches for Class-Wise Prediction of Alzheimer's Disease using MRI images in the journal "Archives of Computational Methods in Engineering" volume publishers Springer in January 2023.

21.Dr. Rawesh Kumar from the Chemistry department published a research paper on Carbon Dioxide Valorisations into Methane Using Samarium Oxide-Supported Monometallic and Bimetallic Catalysts in SCI index international journal Catalysts; (Publisher MPDI, Impact Factor: 4.5).

22. Dr. Rawesh Kumar from the Chemistry department published a research paper on The influence of Ni stability, redox, and lattice oxygen capacity on catalytic hydrogen production via methane dry reforming in innovative metal oxide systems in SCI index international journal Energy Science & Engineering Publisher Wiley, Impact Factor: 4.17).

23.Asst. Prof. Zalak Patel from the EC department published a research paper on Novel series fed dual band circular polarization antenna for navigational satellite systems in the journal Telkomnika publishers Univesitas Ahmad Dahlan in February 2023.

24. Asst. Prof. Zalak Patel from the EC department has published a research paper on Wide Beam Dual Band RHCP Stacked Micro Strip Antenna Over Reactive Impedance Surface (RIS) Based Metamaterials for

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- Navigational Satellite System Receivers in the International Journal of Microwave and Optical Technology (IJMOT), Scopus Indexed Journal in the month of February.
25. Dr. Yogesh Kumar, Dr. Pushpendra Singh Sisodia from the CE department published a research paper on "A Comprehensive Analysis of Artificial Intelligence Techniques for the Prediction and Prognosis of Genetic Disorders Using Various Gene Disorders Systems" in the journal Archives of Computational Methods in Engineering publishers Springer with impact factor 8.1 in March 2023.
26. Asst. Prof. Rashmi Sharma from the EL department published a research paper on An Advanced LVRT Controlled DSCC-STATCOM for Reactive Power Compensation in the journal Journal of International Journal of Power Electronics and Drive Systems in March 2023.
27. Asst. Prof. Zalak Patel from the EC department published a research paper on Wide Beam Dual Band RHCP Stacked Microstrip Antenna Over Reactive Impedance Surface (RIS) Based Metamaterials for Navigational Satellite System Receivers in the journal International Journal of Microwave and Optical Technology (IJMOT) in March 2023.
28. Dr. Ketan Lakhtaria from the Civil department published a research paper on Qualitative Assessment Of Community Response To Annoyance Due To Traffic Noise in Ahmedabad City The Holistic Approach to the Environment, Vol. 12(2022)2, pp. 86 – 93 April, 2022, Publisher: Association for Promotion of Holistic Approach to Environment" Sisak, Republic of Croatia (DOI : <https://doi.org/10.33765/thate.12.2.4>), ISSN 1848-0071.
29. Dr. Yogesh Kumar from the CSE Department published a research paper on Automatic vehicle detection systems in different environmental conditions using fast R-CNN. Multimedia Tools and Application, Springer (2022). Impact Factor: 2.757. Indexed with SCI, <https://doi.org/10.1007/s11042-022-12347-8>, in March 2023.
30. Dr. Yogesh Kumar from the CSE Department published a research paper on Artificial Intelligence Techniques for Predictive Modelling of Vector-Borne Diseases and its Pathogens: A Systematic Review. in archive of computational methods in engineering (2022), Springer. Impact factor: 7.302, Indexed with SCI, <https://doi.org/10.1007/s11831-022-09724-9>, in March 2023.
31. Dr. Yogesh Kumar from the CSE Department published a research paper on Fruit quality evaluation using machine learning techniques: review, motivation and future perspectives. Multimedia Tools and Application, Springer (2022). Impact Factor: 2.757. Indexed with SCI, <https://doi.org/10.1007/s11042-022-12652-2>, in March 2023.
32. Dr. Mitesh Mungla from the Mechanical Department published a research paper on A systematic review on available technologies and selection for prosthetic arm restoration in scopus indexed (IOS press) journal in March 2023.
33. Dr. Rawesh Kumar from chemistry department has published a research paper on CO_x-free H₂ Production via Catalytic Decomposition of CH₄ over Fe Supported on Tungsten oxide activated Carbon Catalyst: Effect of Tungsten Loading in SCI index international journal Arabian Journal of Chemistry. (Impact Factor : 6.21). <https://doi.org/10.1016/j.arabjc.2023.104781> in March 2023.
34. Dr. Chetana Deoghare from the chemistry department published a research paper on Mechanistic aspect for the atom transfer radical polymerization of itaconic monomers with methyl methacrylate: a computational study in the journal Pure & Applied Chemistry (Impact Factor = 2.5) in March 2023.
35. Dr. Manisha Vithalpur, from the Physics department published a research paper on Analysing the potential

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- of polarimetric decomposition parameters of Sentinel-1 dual-pol SAR data for estimation of rice crop biophysical parameters' in the Journal of Agrometeorology, Volume 25 in March 2023 (Silver Jubilee Publication).
36. Dr. Hinal Shah, Dr. Jaydeep Chakravorty from the EL department published a research paper on Protection challenges and mitigation techniques of power grid integrated to renewable energy sources: A review in the journal Energy Sources, Part A: Recovery, Utilisation, and Environmental Effects publishers Taylor and Francis in April 2023.
37. Asst. Prof. Dharmesh. Sapariya, Dr. Umang. Patdiwala from Mechanical department published research paper on Experimental study on effect of temperature and equivalence ratio on biomass syngas generation for fluidized bed gasifier techniques in the journal Energy Sources, Part A: Recovery, Utilization, and Environmental Effects publisher Taylor and Francis in May 2023
38. Dr. Rawesh Kumar from the Chemistry department published a research paper on Reforming of methane: Effects of active metals, supports, and promoters in the journal Catalysis Review publisher Taylor and Francis in May 2023.
39. Dr. Rawesh Kumar from the Chemistry department published a research paper on Kinetic Study of Zirconia-Alumina-Supported Ni-Fe Catalyst for Dry Reforming of Methane: Impact of Partial Pressure and Reaction Temperature. This paper was published in the International Journal of Chemical Engineering publisher Hindawi in May 2023.
40. Dr. Rawesh Kumar from the Chemistry Department published a research paper on Reforming of methane: Effect of active metals, supports and promoters in SCI index international journal Catalysis Reviews Science and Engineering (Impact Factor: 27) in May 2023.
41. Dr. Chetana Deoghare from the Chemistry Department Published a research paper on Cow Urine: Mediated Antibiosis and Immune Modulating Anthelmintic Agent in the journal Alternative and Integrative Medicine in May 2023.
42. Dr. Sujoy .K. Chaudhury from MME department published research paper on Optimization of GTAW process parameters for deposition of Nickel base hard facing alloy using Taguchi method in the journal Welding in the World Publisher Springer in May 2023
43. Dr. Vrushank Shah from EC Department published a research paper on A Privacy-Preserving Framework Using Hyperledger Fabric for EHR Sharing Applications in the International journal of electrical and computer engineering systems Publisher SRCE in June 2023.
44. Dr. Yogesh Kumar from the CE department published a research paper on A Comprehensive Analysis of Artificial Intelligence Techniques for the Prediction and Prognosis of Lifestyle Diseases in the journal Archives of Computational Methods in Engineering Publisher Springer in June 2023.
45. Dr. Vineeta Chauhan, Dr. Jaydeep Chakravorty from the EL department published a research paper on Improvement of Voltage Profile in Radial Distribution Systems by minimizing voltage deviation along with suitable placement and sizing of DG units using artificial algae algorithm published in Scopus Indexed, AIP Conference Proceedings 2782020035 (2023) in June 2023.
46. Dr. Samir Patel from the civil department published a research paper on Ranking barriers and optimum solutions to implement public bicycle-sharing system in cities" in the journal named Proceedings of the Institution of Civil Engineers - Municipal Engineer, UK (ISSN 0965-0903 | E-ISSN 1751-7699) having H-index of 25 and Cite Score of 3.1. (<https://doi.org/10.1680/jmuen.23.00002>) in June 2023.
47. Dr. Disha H. Parekh from IICT published a research paper on Early Detection of Breast Cancer Using Machine Learning and Ensemble Techniques in the International Journal of Computing in June 2023.

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List of Conference Publications

1. Prof. (Dr.) Ishbir Singh, Director-IITE presented a research paper titled "Measurement And Analysis of Vibration Transmissibility through Tractor Seat" during the 13th International Conference on "Applied Human Factors and Ergonomics" (AHFE -2022) held from 24-28 July, 2022 at Sheraton Times Square, Manhattan, New York, USA.
2. Dr. Yogesh Kumar, Dr. Seema Mahajan from CE department presented a research paper on using deep learning techniques and the fastai library for text classification to forecast the occurrence of 25 medical conditions based on medical data Utterances, transcription, and intent in soft computing in the conference Springer Berlin Heidelberg in the month of July 2022.
3. Dr. Jishnu Gohel from the Civil department presented a research paper on Dispute Causes Analysis Using Analytical Hierarchy Process For Capstone Projects in the conference PDEU: 8th Biennial International Conference on Energy and Infrastructure Management (ICEIM-2022) in the month of August 2022.
4. Dr. Jishnu Gohel from the Civil department presented a research paper on Barriers In Implementing Total Quality Management (TQM) Tools In Construction Industry in the International conference on Advancement in Structural & Geotechnical Engineering (ASGE '22) in the month of August 2022.
5. Dr. Jishnu Gohel from the Civil department presented a research paper on Affordable And Sustainable Housing: - Critical Study On Ecology Urbanism And Finance in the International conference on Advancement in Structural & Geotechnical Engineering (ASGE '22) in the month of August 2022.
6. Asst. Prof. Khushbu Maurya, Dr. Seema Mahajan from the CE department presented a research paper on Mangroves in Gulf of Khambhat, Gujarat: A Case Study', submitted to Proceedings of the Indian National Science Academy in the Journal Springer in the month of August 2022.
7. Dr. Dhiren Patel from the Mechanical department presented a research paper on Design and Fabrication of a 3D scanner by photogrammetry technique and using open source software published by AIP Conference Proceedings in the month of October 2022.
8. Dr. A D Dhass, Asst. Prof. Dharmendra D Sapariya and Dr. Umang J Patdiwala from the Mechanical department presented a research paper on An Investigation of PCM based Solar Parabolic Concentrator in the journal Advances in Material Science And Technology (ICAMST-2022) in the month of November 2022.
9. Dr. Seema Mahajan from CE department presented a research paper on Localization of Sensor Node by Novel Quantum Walk-Pathfinding Rider Optimization (QWPRO) by Mobile Anchor Node published in the Futuristic Trends in Networks and Computing Technologies - Fourth International Conference on FTNCT 2021 Journal Springer Nature Singapore in the month of November 2022.
10. Dr. Dhiren from the Mechanical department presented a research paper on Mechanical properties and microstructure of activated TIG welded similar joints of Inconel alloys by desirability approaches in Materials Today - Proceedings, Elsevier in the month of January 2023.
11. Dr. K. Santhy from the MME department presented a research paper on Thermal Expansion of Crofer 22 APU Steel which is commonly used as an interconnect material in Solid Oxide Fuel Cells (SOFC) using In-Situ High Temperature X-Ray Diffraction. The presentation took place at the 3rd Indo Japan Bilateral Symposium on Futuristic Material and Manufacturing (IJBSFMM 2022) for Sustainable Development Goals, hosted at IIT Madras on December 2nd and 3rd, 2022. His work was published in Materials Today Proceedings journal in the month of March 2023.

Faculty Achievements

List of Conference Publications

12. Asst. Prof. Zalak Patel from the EC department presented a research paper on A novel compact right-hand circularly polarized (RHCP) Antenna with wide 3 dB axial ratio (AR) bandwidth for S-band Indian Regional Navigation Satellite System (IRNSS) application. This innovative antenna was published in the IEEE Proceedings journal as part of the IEEE conference on Device Intelligence, Computing and Communication Technologies (DICCT-2023) in March 2023.
13. Asst. Prof. Rashmi Sharma from the EL department presented a research paper on A Hybrid intelligent control for DSCC based Modular STATCOM in the IEEE Proceedings journal as part of the IEEE International Students' Conference on Electrical, Electronics and Computer Science conference 2023, in March 2023.
14. Dr. A.D. Dhass from the Mechanical department published a research paper on Influence of energy management in solar photovoltaic systems by block chain technologies for rural and remote areas. This was featured in the Journal Digital Technologies for Solar Photovoltaic Systems: From general to rural and remote installations, 2022 published by IET Publications in March 2023.
15. Dr. Vineeta Chauhan, Dr. Jaydeep Chakravorty from the EL department presented a research paper on Improvement of Voltage Profile in Radial Distribution Systems by Minimizing Voltage Deviation along with Suitable Placement and Sizing of DG Units using Artificial Algae Algorithm in the AIP Conference Proceedings in the month of April 2023.

List of Book Chapters Published :

1. Dr. Dhiren Patel from the Mechanical Department published a book chapter on Applications of Friction-Based Processes in Manufacturing in the book Lecture Notes in Mechanical Engineering book series (LNME) published by Springer.
2. Dr. Vrushank Shah from the EC Department and Dr. Suketu Jani -Deputy Registrar co-authored a book chapter titled "Automotive IoT: Accelerating the Automobile Industry's Long-Term Sustainability in Smart City Development Strategy". This chapter is included in the book "AI-Aided IoT Technologies and Applications for Smart Business and Production" published by Taylor & Francis, CRC Press (Scopus Indexed).
3. Asst Prof. Abhishek Vaghela, and Dr. Vrushank Shah from the EC Department jointly published a book chapter on Cyber Security Infrastructure and Solution for Healthcare System. This chapter is included in the book "Data Centric AI Solutions and Emerging Technologies", published by CRC Press, Taylor Francis Group, USA. The Book will be indexed in Scopus and Web of Science.
4. Dr. Vrushank Shah from the EC department published a book chapter on Electronic Health Records Security and Privacy Enhancement using Blockchain to Data Centric AI Solutions and Emerging Technologies Book, CRC Press Taylor & Francis Group, USA. The Book will be indexed in Scopus and Web of Science.
5. Dr. A. D Dhass from the Mechanical department published a book chapter on the title Thermal Transport Characteristics of "Phase Change Materials and Nanofluids" in the book CRC, Press published by Taylor and Francis.

Faculty Achievements

List of Book Chapters Published :

7.Dr. Dhiren R. Patel from the Mechanical department published a book chapter on Review of the "Role of Geometrical Modification of Scramjet Combustor on Performance Characteristics". This was featured in the book Materials and Technologies for a Green Environment published by Bentham Science.

8.Asst. Prof. Dharmendra Sapariya from the Mechanical department published a book chapter on "A Review of the Current Challenges on the Issues of Scramjet Combustion Engines" in the book Materials and Technologies for a Green Environment published by Bentham Science.

9.Dr. Priya Khandivar, Department of Law, published a book chapter on Issues Related to Persons with Disability in the Book "World of Divyang" ISBN No-978-93-92831-21-8(2023)in March 2023.

10.Dr. Dhiren Patel from the Mechanical department published a book chapter on "Applications of Friction-Based Processes in Manufacturing" This chapter is part of a book series called "Advances in Manufacturing Technology and Management," which is indexed in Scopus and is published by Lecture Notes in Mechanical Engineering (LNME) under Springer.

11.Dr. Vineeta Chauhan, and Dr. Jaydeep Chakravorty from the EL department co authored a book chapter on "Smart cities data indicator based cyber threats detection using Bio-inspired Artificial Algae Algorithm" was added as a Chapter in the Handbook of Research on "AI-Based Technologies and Applications in the Era of the Metaverse", IGI Global, DOI: 10.4018/978-1-6684-8851-5, ISBN 13: 9781668488515, ISBN 10:1668488515, EISBN13: 9781668488539

12.Dr. Hinal Shah, and Dr. Jaydeep Chakravorty from the EL department published a book chapter on "Smart Grid Protection Scheme Using Internet of Things (IoT)". The chapter was added to the book entitled: Advanced IoT Technologies and Applications in the Industry 4.0 Digital Economy -

HBK: 978-1-032-55204-0 PBK: 978-1-032-56182-0 E B K : 9 7 8 - 1 - 0 0 3 - 4 3 4 2 6 - 9 D O I : 10.1201/9781003434269.

13.Dr. Parul Shah from IIMS published a book chapter on "Heritage Economics" in an edited Book named Heritage Management. This book was referenced in Gujarat University for Management Students in June 2023.

List of Patent:

1.Oza Ankit Dilipkumar, Dr. Dhiren Ramanbhai Patel, Vyomesh Raseshkumar, Mayur A. Makhesana, Anand Gujarati, Patel Chintan Jayprakash, Ramesh Chandra Panda, P. Karthgeyan, "IoT based intelligent hydroponic plant box", Indian Design Patent, 345955-001, Journal No. 48/2022, Granted on 02/12/2022.

2.Krutik Mistry, G. Awasthi, M. Salot, K. Santhy, N. Jamnapara, and Dr. Sujoy .K. Chaudhury, "An improved energy efficient process for the synthesis of high quality graphene platelets through electrochemical exfoliation of graphite foil", Indian Patent No.415082, granted on 21/12/22.

3.Dr. Anupam K. Singh, Dr. Vrushank Shah, Param Shah, Sparsh Shah, Water Quality Monitoring System", Indian patent, 202321029241, dated: 21-04-23.

4.R. Verma, S.R. Magar, J. Prabhakaran, A. Abhisek, Sejal R. Trivedi, S. Ghosh, B.L. Malge, T.P. Adhau, A social psychology perspective on the barriers to effective communication, teamwork and Leadership Development, Indian patent, 202331026639, dated: 14/04/23

5.Dr. Suresh Sorathiya, "IoT Based Automatic Vehicle Abnormal Accident Detection and Rescue System" with application number 202221072657 in the field of Computer Science in Patents and Design Journal, IPR.

Faculty Contribution in Workshop / Conference / Invited Talk/Session Chair/Reviewer/Resource Person

1. Dr. Ketan Lakhtaria (IITE) appointed to serve on the Examination Committee for the Gujarat Water Supply and Sewerage Board in Gandhinagar. He will oversee departmental and professional exams for engineering positions.
2. Asst. Prof. Miloni Ganatra (IITE) has been appointed as a reviewer for the journal "Circuits, Systems, and Signal Processing," published by Springer and indexed in SCI and SCOPUS.
3. Dr. Dhiren Patel (IITE) has been assigned the role of a reviewer for the 2nd IEEE International Conference on Electrical, Computer, Communications, and Mechatronics Engineering (ICECCME), scheduled to take place from November 16 to 18, 2022, in Maldives.
4. Prof. (Dr.) Ishbir Singh, Director-IITE Chaired a Technical Session entitled "Driver Performance, Behaviour, and Physiology", in the 13th International Conference on Applied Human Factors and Ergonomics (AHFE 2022) held at Sheraton Times Square, Manhattan, New York, USA.
5. Asst. Prof. Tejas Raval (IITE) was invited as an expert speaker at a webinar focused on the subject of "Alternative Fuels." This webinar took place on August 22, 2022, and was hosted by Parul Institute of Engineering and Technology - DS, within the esteemed Parul University.
6. Dr. Daisy Kurien (IIMS) delivered an expert lecture on "Dressing and Grooming for Success and Body Language for Interviews" on August 6, 2022, for MBA Semester 3 and IMBA Semester 3 students at Sankalchand University's Faculty of Management Studies.
7. Dr. Ketan Lakhtaria (IITE) delivered two expert lectures on "Highway Engineering, Bridge Construction, and Reinforced Earth (RE) Walls" for L&T's frontline supervisors at CSTI, L&T in Ahmedabad on September 3, 2022.
8. Dr. Samir Patel (IITE) delivered an expert lecture on the subject of "Designing Effective Questionnaires" at the Faculty of Management, CEPT University on September 26, 2022.
9. Dr. Daisy Kurien (IITE) conducted an expert lecture titled "Humor in the Classroom" for incoming BBA students at Sri Ramachandra Faculty of Management Sciences, which is part of Sri Ramachandra Institute of Higher Education and Research in Chennai on September 3, 2022.
10. Dr. K. Santhy (IITE) conducted an online technical training session on Thermo-Calc Software for the faculty and scholars of the Materials and Metallurgical Engineering Department at Maulana Azad National Institute of Technology in Bhopal. The training was organized by Bhanu Scientific Systems Pvt. Ltd., Hyderabad, on October 21, 2022.
11. Prof. (Dr.) Ishbir Singh, Director-IITE received recognition as a supporting participant in the world record for the Longest Science and Innovation Expert Talk Series, which was organized by Vigyan Gurjari in Gujarat.
12. Dr. Naresh Chhatwani (IAS) served as a jury member at CEPT University for the mid-semester review of the Level-3 studio in the Faculty of Architecture, focusing on "Urban Housing - Types, Density & Systems" on October 1, 2022.
13. Asst. Prof. Atreya Bhattacharyya (IAS) presented his work at IIA YAF Kozhikode on October 27, 2022. He was one of the nine shortlisted finalists in a national competition and presented at the IIA Young Architects Festival Kozhikode, part of the National Conference organized by the IIA Kerala Chapter.
14. Dr. Chetana Deoghare (IISHLS) had been designated as an active reviewer for the international journal "Physical Sciences Reviews," which was published by De Gruyter in Berlin, Germany.
15. Dr. Dhiren Patel (IITE) was appointed as a reviewer for the special issue titled "Energy Systems Enhancement and Optimization" in the International

Faculty Contribution in Workshop / Conference / Invited Talk/Session Chair/ Reviewer/Resource Person

Journal of Thermofluids, published by Elsevier and indexed in Scopus.

16.Dr. Ankur Saxena (IICT) was honored with the "Best Senior Administrator Award (Above 40 Years Old)" by the "Shikshak Samman 2022," an accolade presented by the Nikhil Bharat Shiksha Parishad under the Government of India.

17.Dr. Vishal Dahiya (IICT) was invited as a resource person to deliver a session on "Challenges in Big Data" during a Five-Day Online Faculty Development Program titled "Recent Trends in Computer Science." This program was conducted by the Department of Emerging Technologies in Computer Science at G. Pulla Reddy Engineering College, Kurnool, from December 20 to 24, 2022.

18.Dr. Disha Shah (IICT) received the Smt. D. H. Shah Best Ph.D. Thesis Award 2022 in Applied Mathematics from the Gujarat University Department of Mathematics Alumni Association. The award was presented at the Department of Mathematics, Gujarat University, on December 24, 2022.

19.Dr. Chetana Deoghare (IISHLS) was invited as a speaker at the 5th Annual Conference of the Faculty of Science and Technology at the University of Nairobi in Kenya. During the conference held online from October 26 to 28, 2022, she delivered a talk on the topic of "Copolymers with Pendant 'N-arylimide' Groups via Atom Transfer Radical Polymerization: Synthesis, Characterization, and Kinetic Study."

20.Dr. Vrushank Shah (IITE) had been invited as a member of the technical committee and as a technical session chair for the International Conference on Computing Science, Communication, and Security (COMS2). This conference is organised by Ganpat University in collaboration with Springer-CCS which was held on February 6-7, 2023.

21.Dr. Vrushank Shah (IITE) had been invited as a reviewer for the book titled "Computer Vision and AI-

integrated IoT Technologies in the Medical Ecosystem," which is slated to be published by CRC Press|Taylor & Francis Group.

22.Dr. Ketan Lakhtaria (IITE) conducted four expert lecture sessions as part of a training program focusing on the Basics of Concrete Technology. These sessions were intended for L&T frontline supervisors and took place at CSTI, L&T in Ahmedabad on January 01, 2023.

23.Dr. Sujoy K. Chaudhury, Dean-R&D conducted an expert talk series on "High-End Microscopy (SEM & TEM)" as part of an event organized by ASM International Gujarat Chapter. The talk series took place from February 22 to 24, 2023.

24.Dr. K. Santhy (IITE) delivered an invited talk on "Material Characterization Techniques" during a session organized by Indira College of Women in Tiruchirappalli, Tamil Nadu, on February 27, 2023.

25.Dr. Sweta Shah (IITE) was recognized with an appreciation award from Vigyan Gurjari for her coordination efforts in the Gujarat Vigyan Sammelan: GVS 2023. This event saw participation from over 10,000 students from across Gujarat State.

26.Dr. Sweta Shah (IITE) has been appointed as a member of the scrutiny committee for the Vikram Sarabhai Best Ph.D. Thesis Award.

27.Asst. Prof. Shreya Kaul (IITE) was invited as an external juror for the mid-semester jury of the Designing with People undergraduate studio at the Faculty of Architecture, CEPT University. The discussions during the jury focused on the role of architecture in bridging the gap between policy provisions, physical infrastructure, and contextual constraints through co-designing a learning space.

28.Prof. Parth Shah (IAS) and Manan Singal (IAS) were invited as jurors by NASA (National Association of Students of Architecture, India) for the Writing Architecture Trophy 2022-23.

Faculty Contribution in Workshop / Conference / Invited Talk/Session Chair/ Reviewer/Resource Person

29.Dr. Ketan Lakhtaria (IITE) delivered an expert lecture on the topic of "Optimal Consumption of Water Resources" as a keynote speaker at GSET-GTU Ahmedabad. This event was organized by The Institution of Engineers(India), Gujarat State Centre, and took place on May 12, 2023.



30.Dr. Samir Patel (IITE) delivered an expert talk titled "Fundamentals of Remote Sensing and GIS in Transportation Planning" at Gokul Global University on June 16, 2023,



31.Dr. Samir Patel(IITE) conducted an expert talk on the subject of "Remote Sensing: The Art of Seeing Beyond Our Reach" at Gokul Global University on June 28, 2023

32.Dr. Samir Patel(IITE) gave an expert talk focusing on "Exploring the Geographic Information System: Mapping Our Way to a Smarter Future" at Gokul Global University on June 29, 2023



33Dr. Samir Patel (IITE) delivered an expert talk titled "GIS and Transportation: Paving the Way to Efficient Mobility" at Gokul Global University on June 30, 2023



34.Dr. Sonali Jain (IITE) was invited as a resource person for a National Level World Record Webinar Series held on June 19, 2023. This event was organized by Shri Kumarswami College in Ausa, Maharashtra, India.



Student Activity Cell (SAC)

The Student Activity Cell (SAC) enhances students' holistic development by organizing various events beyond academics, which includes the following activities.

Sports Events

The Student Activity Cell organized various university sports clubs and conducted the Collympics, a multi-day sports tournament open to all students under the banner of Instincts 2023. It featured competitions such as carrom, chess, volleyball, badminton, and cricket, with prizes awarded to the winners.

Cultural Events

SAC student panel kicked off the year with Gokulashtami Celebration on August 18, 2022 followed by Ganpati Mahotsav on August 30, 2022. On 26 September, 2022 the university hosted Ramzat 2022 (Navratri), one of Gujarat's most anticipated festivals. SAC also celebrated Patangbaaz during Uttarayan, the kite festival, on January 13, 2023. National events like Independence Day and Republic Day were marked with patriotic fervor. Additionally, Teachers' Day was dedicated to honoring our Indus faculties with an entire day of celebration.

Club Events

The SAC student panel oversees various clubs, including the Fashion club, Literary club, and Astro club. The year commenced with an astro club poster competition on September 29, 2022 followed by a Live Celestial Object Observation Event featuring the SUN and MOON on November 14, 2022. The year concluded with Shamiyana 2.0 organized by the Literary Club on December 19, 2022. In January 2023 as we embraced the new year, multiple club events took place, including an Introductory Session by the Fashion Club on January 5, 2023, Robo X Code and Drama Club Meetup on the January 12, 2023, and a Dance Event by the Dance Club on the On January 13, 2023. Additionally, the Bulls and Bear Club conducted an introductory session on 'How to trade in Share Market' on February 8, 2023.

Workshops and Seminars

On December 21, 2022 a Freestyle Dance Workshop took place, and in February 2023, a 'Modeling & Personality Development Workshop' was conducted by FTV School Of Performing Arts on February 21, 2023.

Social Initiatives

In addition to its numerous clubs and activities, the SAC panel actively participates in social initiatives, including the 'Blood Donation Drive, Thalassemia test, and awareness program' on November 24, 2022. Student Activity Cell celebrated International Yoga Day on June 21, 2023, with a vibrant event to promote physical and mental well-being through yoga, led by qualified instructor Ms. Jyoti Oza, affiliated with the Gujarat State Yoga Board and the Ministry of Ayush. On June 6, 2023, SAC marked World Environment Day with a series of activities, including tree planting, awareness campaigns, and discussions to emphasize the importance of environmental conservation and sustainability.

INSTINCTS 2023

INSTINCTS 2023, the largest annual festival of Indus University, spanned from February 27 to March 4, 2023, offering a wide range of events encompassing Aethos (cultural), Sparx (technical), and Collympics (sports). The culminating Rhapsody Night drew an audience of over 500, surpassing expectations and setting a new benchmark for future years.

Student Activity Cell (SAC)

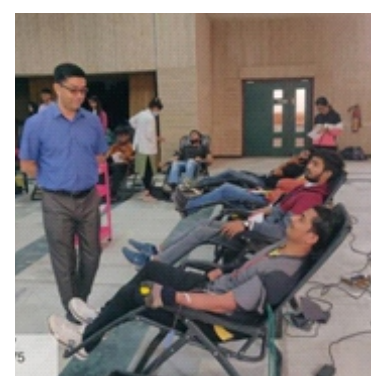
Event No.	Detail of Event	Date
1	Independence Day Celebrations	15-08-2022
2	Gokulashtami Celebration	18-08-2022
3	Ganpati Mahotsav	18-08-2022
4	Teacher's Day Celebration	05-09-2022
5	Felicitation of outgoing SAC student's panel & welcoming incoming SAC Student's panel	06-09-2022
6	SAC participation in Induction and Student Empowerment Program for first-year students of IITE	08-09-2022
7	A Navaratri Event: Ramzat 2022	26-09-2022
8	Poster Competition: Astro Club event	29-09-2022
9	"Live Celestial Object Observation Event" of the SUN and MOON	14-11-2022
10	Blood Donation Drive, Thalassemia test and awareness program	24-11-2022
11	Shaamiyana 2.0 by Literary Club	19-12-2022
12	Freestyle Dance Workshop	21-12-2022
13	An Introductory Session of Fashion Club	05-01-2023
14	Robo X Code	12-01-2023
15	Drama Club Meetup	12-01-2023
16	PATANGBAAZ - Kite Festival	13-01-2023
17	Dance Event	13-01-2023
18	Celebration of 74th Republic Day	26-01-2023
19	Talent hunt	03-02-2023
20	How to trade in Share Market" : an introductory session by Bulls and Bear Club	08-02-2023
21	Modeling & Personality Development Workshop by FTV School Of Performing Arts	21-02-2023
22	Instincts - 2023 (SPARX, AETHOS & COLLYMPICS)	27-02-2023 to 04-03-2023
(A)	Day 1 (Sparx:)(Stop Motion Animation ,Flash Pitch - Dare to be Different,Technophyz , Chem-Tech Health talks)(Aethos:)(Rocket League,Vineyard of Verses)	27-02-2023
(B)	Day 2 (Aethos:)(HR 360, Anime Making, Squid Game, Valorant, Movies to Books, Ad Mad Show, Head Gear, Model Rocketry, Pitch Master, Stumble Guys, What If...?)	28-02-2023
(C)	Day 3 (Sparx:)(Bridge Structo,CodeX,Treasure Hunt,Brain Teaser,Auto-Tool Time) (Aethos:)(Clay Model Making,Wall Painting,Door to Door,CS-GO) Photo Exhibition	01-03-2023

Student Activity Cell (SAC)

Event No.	Detail of Event	Date
(D)	Day 4 (Sparx:)(Tech Hunt,PCB Creation Station,Ghost Code,SCI-MOD 3D,Arctec Presentation,Halt & Grind) (Aethos:)(Chef's Corner,Photo Workshop,Turncoat,Mastermind,Scribble Dribble, Courtroom)	02-03-2023
(E)	Day 5 (Ramat Gamat (Rotaract Club of Indus University),Chem Health Chem on Wall (Sparx),Mystery Mania - Treasure Hunt)	03-03-2023
(F)	Rhapsody Night	04-03-2023
23	Collympics (Sports Events) under Instincts - 2023	16-02-2023 to 03-03-2023
24	Felicitation ceremony for INSTINCTS-2023	14-03-2023
25	Celebration of Environmental Day	06-06-2023
26	International Yoga Day Celebration	21-06-2023



Student Activity Cell (SAC)



Student Activity Cell (SAC)

INDUS UNIVERSITY
Where Practice Meets Theory

WIIA **INSTINCTS** **SAC**

AETHOS 2023

RHAPSODY
Vocal Beats
Hit the Floor
Vogue Runway
Laugh Out Loud

ABHIVYAKTI
HR - 360
Pitch Master
Door to Door
AD MAD Show

SHABO
What If...?
Turn court
Court room
Movies To Books
Vineyard Of Verses

MYSTERY MANIA
Treasure Hunt

XENOS
Head Gear
Wall Painting
Anime Drawing
Clay Model Making

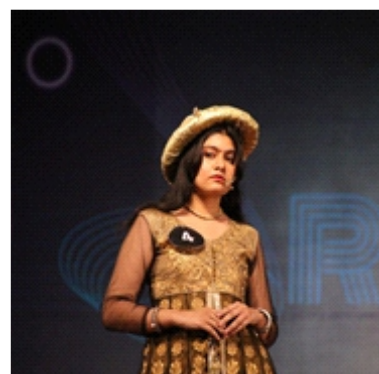
AAKAR
Mastermind
Squid Game
Chef's Corner
Scribble Dribble
Photo Exhibition
Photo Workshop

GAME UP
CS GO
Valorant
Rocket League
Stumble Guys

ORGANIZED BY: Student Activity Cell

Scan or Click to register

FOR ANY QUERIES: PRANSHUL PAL - 7574033430, HARSH JAIN - 8200272109



INDUS UNIVERSITY
Where Practice Meets Theory

WIIA **INSTINCTS** **SAC**

SPARX 2023

FLASH PITCH
PCB CREATION STATION
TECHNOPHYZ
MODEL ROCKETRY

SCIMODE-3D
HEALTHCHEM ON WALL
TEC-H-EALTH TALKS

TREASURE HUNT
HALT AND GRIND
BRAIN TEASER
CODE-OX
GHOST CODE

ROCKET LEAGUE
TOOL TIME
TECH HUNT
BRIDGE STRUCTO

STOP MOTION ANIMATION
ARCTEC

ORGANIZED BY: Student Activity Cell

Scan or Click to Register

FOR ANY QUERIES : ROHAN MOHKAR - 8320083553 , YAKSHANGI JOSHI - 6354780803

COLLYMPICS

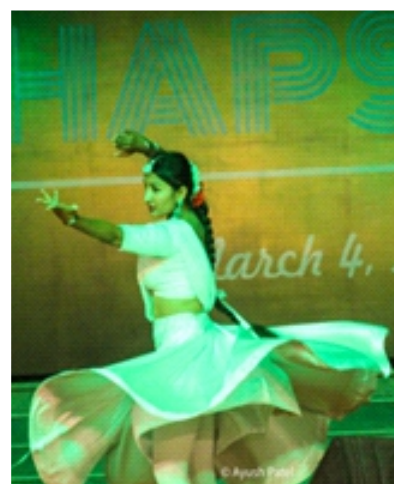
Sports unites us

BASKETBALL
CHESS
TABLE TENNIS
KABBADI

CRICKET
FOOTBALL
VOLLEYBALL
BADMINTON

CARROM
ATHLETICS
TUG OF WAR
KHO-KHO

Student Activity Cell



ICSII Indus University's Success Stories in Innovation and Entrepreneurship

1. Signing of MoU with Education Department, Government of Gujarat (Gujarat Knowledge Society, Commissionerate of Technical Education)

Indus University entered into a Memorandum of Understanding (MoU) with the Education Department, Government of Gujarat, through the Gujarat Knowledge Society (GKS), Commissionerate of Technical Education. The formal signing ceremony took place on August 3, 2022, at the Directorate of Technical Education (DTE) in Gandhinagar. The MoU was signed in the presence of Jt. CEO SSIP and Prof. Shaswat L. Padalia & Prof. Ritesh Patel, who represented Indus University.



2. SSIP 2.0 Grant Received from GKS

Under the Student Start-up & Innovation Policy (SSIP) 2.0 of the Government of Gujarat, Indus University was awarded a grant of Rs.10,00,000 in connection with the MoU signed with SSIP (Gujarat Knowledge Society, Directorate of Technical Education, Government of Gujarat). Hereby, Indus University has been supported by SSIP 2.0 with an INR2.05Cr. grant for Student driven StartUps and Innovation.

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3. ICSII Metamorphosis Committee (IMC), ULSC, and IPRSC Activities in AY 2022-23

Indus University's Innovation and Entrepreneurship Center (ICSII) played a pivotal role in supporting various projects and startups through committees like IMC, ULSC, and IPRSC. These committees evaluated and provided guidance to 58 innovative projects and startups.

4. Women-Driven Startups at ICSII

Indus University has been actively supporting women-driven startups through its ICSII initiative. These startups have showcased their innovative ideas and have contributed to the overall entrepreneurial ecosystem.



ICSII Indus University's Success Stories in Innovation and Entrepreneurship

5. Participation in AKAM Hackathon 2022

Indus University participated in the "Azadi Ka Amrit Mahotsav Hackathon 2022," organized by the Higher & Technical Education Department, Government of Gujarat. This event provided a platform for students to address challenges posed by government departments, offices, and industries. Indus University enrolled eight teams, demonstrating its commitment to fostering innovation.

6. ICSII StartUp International Exposure

A StartUp by Mr. Yogesh Zinzuwadia supported by ICSII was a part of Webflow Conference 2022, San Francisco, USA

Webflow Conference is a conglomerate of the makers, creators, and visionaries behind the world's greatest websites held between Nov 9-10, 2022 in San Francisco, USA. Mr. Yogesh Zinzuwadia's startup Shreejibuilds Pvt. Ltd. mentored by Prof. Shaswat L. Padalia is a leading webflow service provider in India and the recognition came directly from Webflow, USA where StartUp interacted with the leading developers and creators from the same field.



7. ICSII Co-Working Space

Eco Warriors & Wonderly AI, startups supported by ICSII, benefited from the co-working space provided by the university. This initiative allowed dynamic students from Wonderly AI & Eco Warriors to utilize the facility for a period of two months.

8. List of Supported IPR

By June 2023, Indus Center for Startups Innovation and Incubation has supported 45 prospect StartUps & innovations funded by the SSIP scheme and has extended financial, Incubation, mentoring, IPR, exposure and other allied support for the same to the student innovators and aspirant entrepreneurs.



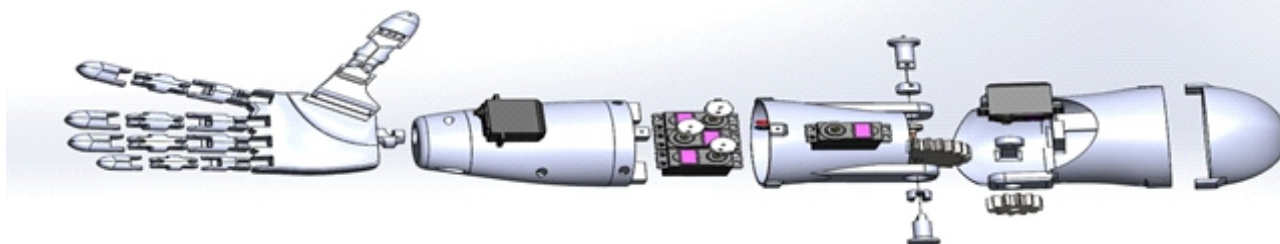
ICSII Indus University's Success Stories in Innovation and Entrepreneurship

9. ICSII IIC SSIP Event/Activities

Indus University's ICSII conducted various events and activities related to innovation and entrepreneurship. These included workshops, seminars, and awareness sessions to empower students with the knowledge and skills needed for success in the entrepreneurial world. This year, ICSII conducted 81 such events on IPR, SSIP Awareness, Incubation, Entrepreneurship Development, StartUp Fundamentals, Funding Opportunities, Incubation Process, etc.

10. ICSII Supported Projects

By June 2023, Indus Center for Startups Innovation and Incubation under the R&D Cell, bearing Indus University as the applicant, has 22 IPR applications across various diverse domains which includes Indian and International Patents from Australia, Germany and Europe.



11. ICSII Awards/Achievements

1. Best Pitch Award: Indus University's ICSII students were honored with the Best Pitch Award at the Empower Genius – Global Education Fair for their outstanding presentation of innovative ideas, demonstrating their persuasive communication skills and ability to convey the essence of their projects effectively, with active support and guidance from Prof. Shaswat Padalia.

2. Best Innovation Award: The students from Indus University's ICSII program, under the mentorship of Prof. Shaswat Padalia, stood out as innovators at the fair, earning them the prestigious “Best Innovation Award”. This recognition signifies their remarkable creativity, problem-solving abilities, and commitment to pushing the boundaries of knowledge.

3. Best Team Award: Collaboration and teamwork are essential in today's global landscape, and Indus University's ICSII students, guided by Prof. Shaswat Padalia, showcased their exceptional teamwork and won “The Best Team Award”. This accolade underscores their ability to work harmoniously and efficiently. It reflects the university's commitment to nurturing cooperative and talented young minds.

ICSII Indus University's Success Stories in Innovation and Entrepreneurship



4. Seed Funding Received: ICSII student's Incubated StartUp 'Dzor Infotech Pvt. Ltd.' mentored by Prof. Shaswat Padalia receives a support of INR20 Lakhs from Startup India Seed Fund Scheme (SISFS), Government of India.



Glimpses of 7th Convocation



Our Constituent Institutes





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