



i360 NEWSLETTER
2024
Volume 10 – February

In Spotlight
“Dr. Vrushank Shah”
HoD-EC, Indus University



8th CONVOCATION

8th Convocation of Indus University, located in Ahmedabad, was held on 29th February, 2024. On this occasion, an internationally renowned personality, founder and chairman of Shree Ramkrishna Exports Pvt. Ltd Shree Govind Dholakia, graced the occasion as the chief guest.

He motivated the students during his speech with the words, "You are not just graduates; you are the future leaders, innovators, and change-makers who will shape the world." In this 8th Convocation, degrees were awarded to more than 900 students of undergraduate and post graduate programs from the various institutions affiliated with Indus University. Further 22 students received their Ph.D. degrees at this convocation also. Additionally, 15 gold medals and 6 memorial awards were awarded to the students across various disciplines. The honorary Ph.D. degree was also awarded to two well-known personalities Mr. Erdem Arioglu well known Civil Engineer and vice president of YapiMerkezi Construction & Industry In., from Turkey and Smt. Indumati Katdare well known social worker for their contributions to the society and to the world. Presidential Secretariat of Indus University, Dr. Nagesh Bhandari, and Dr. Ritu Bhandari, members of the Board of Management, Board of Governors, and many dignitaries from various fields also graced this grand convocation ceremony.



CLEARING GSET

In a remarkable achievement, Assistant Professor Dr. Nikunj Valand has demonstrated his expertise by clearing the Gujarat State Eligibility Test GSET/SLET examination in Chemical Science. This significant accomplishment was realized during the 17th Gujarat State Eligibility Test conducted on November 26, 2023.



TRAINING ON GITHUB

Assistant Professor Dr. Mukta Agarwal from IICT actively took part in a 20-hour Live Training Program focused on "Git and GitHub." The program, organized by EXCELR Raising Excellence, spanned from January 24 to February 7, 2024.



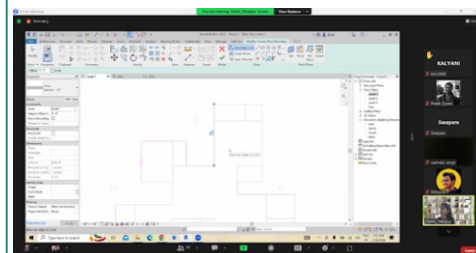
HOUSING FOR ALL

Assistant Professor Pratik Zaveri, along with Associate Professors Atreya Bhattacharyya and Vishal Chudgar, were honored with certificates for their active engagement in a comprehensive five-day National Online Teacher Training Programme. The program, themed 'Housing for all and its Future in Sustainable Development,' was conducted from December 18 to December 22, 2023. This initiative was jointly organized by CoA - TRC Pune and SVCA College of Architecture, Hyderabad, under the auspices of the Council of Architecture's Training Research Center.



BUILDING INFORMATION MODELING

Assistant Professor Pratik Zaveri participated in a dynamic two-day Live Workshop during January 16 to 18 on BIM with Revit hosted by Delopus PVT LTD. The workshop was tailored to provide a practical understanding of Building Information Modeling (BIM) through immersive learning experiences. Its objectives encompass mastering the creation of 3D models from architectural designs, exploring key tools for modeling elements such as walls, roofs, doors, and windows, and delving into advanced rendering and visualization techniques within Revit. Delopus serves as a Networking + Educational Platform for professionals in architecture and design, dedicated to empowering them to amplify their income by fivefold through comprehensive upskilling courses and freelance opportunities.



Celebrate
safe Holi
with your kids.

SUSTAINABLE APPROACHES FOR BIOLOGICAL SCIENCES

Dr. Sarita Sharma, Assistant Professor in the Life Science-Microbiology Department at IISHLS, presented her research findings in an oral presentation conducted online. The presentation, titled "Ameliorative Effects of The Metal-Tolerant Plant Growth-Promoting Rhizobacterial Consortium of Pseudomonas GuguanensisSMHMZ4 and Klebsiella VariicolaSMHMZ46 on Glutathione Synthesis In Brassica Juncea Under Metal Stress," was part of the National Conference on Recent Advances in Sustainable Approaches for Biological Sciences held from January 29th to 31st, 2024. This conference was sponsored by the Defence Research and Development Organisation (DRDO) at Veer Narmad South Gujarat University, Surat, Gujarat.



A "SAGA" INCIDENT

A gathering of Directors/Principals from Bachelor of Architecture Institutes of Gujarat (SAGA) was convened at the Sal School of Architecture within the SAL Institute on February 1, 2024. The inauguration of the student work exhibition was conducted by the President of the Council of Architecture (CoA), with all department heads attending the exhibition. Dr. Naresh Chhatwani, Head of Department at IAS, Indus University, was in attendance for the meeting.



UNDERSTANDING UNION BUDGET TOGETHER

On February 1, 2024, the Indus Institute of Management Studies hosted a live screening session focusing on the 'Union Budget of India 2024-2025.' The session, led by Lt. (Dr.) Parshva Shah, aimed to familiarize students with the process of preparing annual financial statements, analyzing budgets across various sectors, understanding government priorities, comprehending economic mechanisms, and allocating funds for specific areas of economic growth. More than 120 students reaped the benefits of the session.



MATHEMATICAL MODELING

Dr. Parth M. Pandya, Assistant Professor, presented a paper titled 'Mathematical Modelling of Unburnt Hydrocarbon Absorption in Blood Capillaries: A Multidisciplinary Approach' at the National Conference on Advancements in Mathematical Research and Development-2024. The conference took place on February 10, 2024. Along with presenting the paper, Dr. Pandya also served as the Executive Committee member in the same conference, a high honor for any faculty member.

<p>Chief Patron Shri Bhairubhai Shah, President UPKSM, Pivai Shri Yashubhai M. Patel, Chairman SVKM, Kadi</p> <p>Patrons Dr. Sanjay S. Shah Dr. Ajeet S. Gaur</p> <p>Convener Dr. N. V. Patel</p> <p>Organizing Secretaries Dr. A. V. Patel Dr. K. A. Patel Dr. Swati Sharma Dr. Dharmendra Patel</p> <p>Sponsors Dr. Pradeep Kumar Vankar (Dept. of Maths, M S University, Vadodra (Rajasthan)) Dr. Mohd. Kameer (Dept. of Maths, IITRAM Ahmedabad)</p> <p>Executive Committee Dr. A. V. Kadi (Dept. of Mathematics, Patna) Dr. Ching Barwari (Dept. of Mathematics, Patna) Dr. Ravi Gaur (Dept. of Maths, Gujarat University, Ahmedabad) Dr. Rajendra K. Gajjar (Dept. of Maths, Narmada) Dr. D. V. Shah (Dept. of Mathematics, Surat) Dr. Parus Uchar (IIT, Gandhinagar) Dr. R. L. Bhatt (KNSI, Ahmedabad) Dr. Manish Joshi (Dept. of Maths, IITM University, Gandhinagar) Dr. M. P. Aravali (Dept. of Mathematics, Morbi) Dr. A. J. Shah (CUSA Science College, Ahmedabad) Dr. S. G. Joshi (Dept. of Mathematics, Modasa) Dr. A. J. Patel (Dept. of Mathematics, Patna) Dr. K. B. Rathod (Dept. of Mathematics, Vadodra) Dr. J. S. Patel (Dept. of Mathematics, Vadodra) Dr. Anil Parmar (Dept. of Mathematics, Patna) Dr. Vandana Patel (Dept. of Mathematics, Modasa) Dr. Chandrika Chaudhari (Dept. of Mathematics, Varanasi) Dr. Ashoka Chaudhary (Dept. of Mathematics, Varanasi) Dr. Parth M. Pandya (Dept. of Maths, Indus Univ., A'bad)</p>	<p>Organizing Committee Dr. G. R. Jain (Vice Principal, Pivai) Dr. Ching A. Acharya (Dept. of Zoology, Pivai) Dr. Hanish M. Att (Dept. of Botany, Pivai) Dr. R. S. Dave (Dept. of Chemistry, Pivai) Dr. R. G. Parmar (Dept. of Chemistry, Pivai) Dr. C. A. Patel (Faculty Incharge Science, Pivai) Dr. D. J. Shah (Faculty Incharge Commerce, Pivai) Dr. Vilash R. Parmar (Dept. of Botany, Pivai) Prof. C.V. Patel (Faculty Incharge Science, Kadi) Dr. Avani Baret (Dept. of Physics, Kadi) Dr. K. J. Baret (Dept. of Botany, Kadi) Dr. Ravi Sathar (Dept. of Biotechnology, Kadi) Kia. Jasmia Pathan (Department of Biology, Pivai)</p>	<p>National Conference on Advancements in Mathematical Research and Development-2024 (NCAMRD-2024) (February 10, 2024)</p> <p>Organized by Department of Mathematics Shri U.P. Arts, Smt. M.G. Panchal Science & Shri V.L. Shah Commerce College, Pivai (Gujarat) & Pramukh Swami Science & I.L.D. Patel Arts College, Kadi (Gujarat)</p> <p>Venue Seminar Hall Shri U.P. Arts, Smt. M.G. Panchal Science & Shri V.L. Shah Commerce College, Dr. J.D. Tati Vidya Sankul, Pivai-382445 (Gujarat) Website: www.gpbcollege.org</p>
<p>CORRESPONDENCE DETAILS</p> <p>Dr. K. A. Patel (M) 9824541293 kapatil.math@gmail.com</p> <p>Dr. A. A. Patel (M) 832084417 a2math@yahoo.co.in</p> <p>Dr. Swati Sharma (M) 827080431 swat2512@gmail.com</p>		

ADANI, A VISIT TO REMEMBER

The Indus Mechanical Engineering Association (IMEA) and the Department of Mechanical Engineering at IITE organized an enriching two-day industrial visit to Adani Port in Mundra, Gujarat, on February 1 and 2, 2024. During the visit, students had the opportunity to enhance their practical understanding by touring various operational plants including Adani Solar, Adani Wind, Adani Wilmar, Adani Coal Handling Plant, Adani Thermal Power Plant, and Adani Cargo Handling Port. This event, coordinated by Mr. Rahul Patel and accompanied by Mr. Hardik Mehta and Dr. A. D. Dhass proved to be immensely beneficial for students, offering them invaluable insights into their respective disciplines.



Keep a
watch on
your kid.

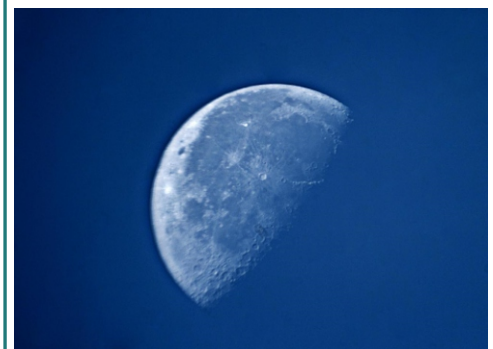
LEARNINGS OF ECO-ARCHITECT AND HIS CRAFTSMANSHIP

Ar. Rahul Bhushan, a Himachali Eco-Architect and founder of NORTH, a creative organization in Himachal, featured in the IIDEA Lecture Series 2023-24. His talk encompassed 'Indigenous Craftsmanship and Creating Positive Social Impact' and 'Vernacular Wisdom to Practical Solution: Lessons in Architecture.' Bhushan's visionary approach aims to revive indigenous practices like Kathkuni and Dhajji Dewari in the Himalayas, fostering a diverse community of artists, craftspeople, and professionals. He engaged architecture students in a moderated session, discussing topics ranging from the climate crisis's impact on the building industry to the preservation of traditional practices amidst modern architecture trends. Bhushan also visited collaborative programs and student work exhibitions, including the pre launch of "Timeless Echoes of Kulluta, Naggar and Chachogi", a publication from the Summer Collaborative Program 2022 in collaboration with NORTH and IIDEA, Indus University, coordinated by the Architecture Student Council and guided by Assistant Professor Naitik Vakharia.



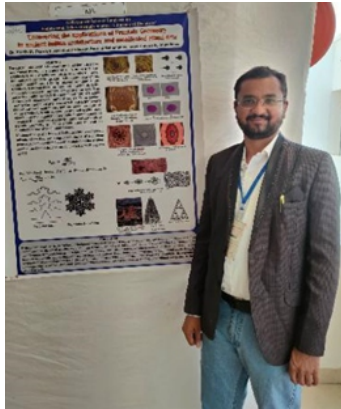
MOONING OVER THE MOON

The iSAC Astro Club, in collaboration with the Department of Physics at IISHLS, organized an exhilarating sky observation event titled "Aditya Darshan" on February 2, 2024, at the university campus. Open to staff, faculty, and students, the event provided a captivating opportunity to witness the cosmos through Newtonian telescopes. Starting early in the morning, attendees marveled at the moon's craters before turning their gaze to the rising sun, observing sunspots through the telescopes. Over 350 participants, including students, staff, and faculty of Indus University enjoyed this celestial spectacle arranged by Astro coordinators. The event also featured a display of stunning images captured by the Astro club's telescopes, complemented by imagery from NASA, offering a unique comparison of views obtained through telescopic observation and space technology.



FRACTAL GEOMETRY IN INDIAN TEMPLES

Dr. Parth M. Pandya, Assistant Professor, actively participated in the 35th Gujarat Science Congress-2024, held at Shri Govind Guru University, Godhra, Gujarat on February 3-4, 2024. He presented a poster titled 'Fractal Geometry and its applications in Indian Temples' during this two-day state-level conference.



AVIONICS COMMUNICATION

The Department of Electronics and Communication, in collaboration with e-Infochips, IEEE Gujarat Section, and IESA, organized a dynamic One Day Workshop on "Avionics Communication System & embedded with HDL" on February 7, 2024 at Indus University campus. The workshop attracted over 80 students from diverse disciplines of both Indus University and Ganpat University, offering them valuable insights into electronics technology in aviation. Industry leaders Mr. C. P Umashanker and Mr. Suree Sharma, founder of Vedhya Technologies, Bangalore, shared their expertise during the session on partnerships and strategic alliances. The workshop also included hands-on sessions with prototype FPGA kits, providing practical learning opportunities. Assistant Professor Zalak Patel coordinated the event.



ADVANCED SPECTROSCOPY

Mr. Bharat Prajapati, Lecturer participated in a webinar titled "Variable Pathlength Spectroscopy for Dilution-Free Concentration Measurement in GMP Environments" on February 7, 2024. The webinar, organized by c&en Webinars, ACS, and sponsored by Bruker, provided valuable insights into innovative spectroscopy techniques for concentration measurement in GMP environments.



ANALYZING BUSINESS ANALYTICS

Assistant Professors Ms. Vaishali Patel, Ms. Honey Shivnani from IICT took part in the National Faculty Development Program focused on 'Business Analytics.' The program, organized collaboratively by AISSMS College of Engineering, SJC Institute of Technology, Matrusri Engineering College, and ExcelR Edtech Pvt. Ltd., spanned from February 5th to February 9th, 2024.



WORKSHOP ON "SALESFORCE FUNDAMENTALS"

The Computer Science and Engineering Department, IITE, Indus University organized a Workshop on "Salesforce Fundamental" on February 10, 2024 in association with Trailblazers in Campus. The discussion focused on Salesforce's Features, Business Partnerships, Client Base, and Real-Life Scenarios Demonstrating Core Concepts. Attendees completed assignments through the Salesforce Trailblazer site for deeper understanding. With over 30 participants present, the session included interactive, hands-on activities followed by entertaining quizzes.



IPR FOR PRODUCT DEVELOPMENT AND ENTREPRENEURSHIP

Assistant Professor Dr. Mukta Agarwal from IICT and Assistant Professor Ms. Khushali Patel from IIMS engaged in a Five Days Faculty Development Program titled "Intellectual Property Rights, Product Development & Entrepreneurship" from February 13th to 17th, 2024. The program was conducted by Poornima College of Engineering, Jaipur, Rajasthan.



SUSTAINABLE INVENTORY MODEL

Ms. Dharti Arvadiya, Lecturer, presented a paper titled "Pricing and Marketing Decisions for Sustainable Inventory Model with Imprecise Demand" at the "National Conference on Advancements in Mathematical Research and Development-2024 (NCAMRD-2024)." The conference took place on February 10th, 2024.



OPTIMIZING INVENTORY

Ms. Dharti Arvadiya, Lecturer in Mathematics at IISHLS, presented a paper titled "Optimal inventory decisions for deteriorating items with all-units discounts under fuzzy environment" at the DST-SERB & CSIR Sponsored "International Conference on Mathematical Modelling, Simulation and Nonlinear Dynamics-2024 (ICMMSND-2024)" organized by the Department of Mathematics, Bharathiar University, Coimbatore-46, Tamil Nadu, India, on February 15-16, 2024.

COMPOSITE-A SIMPLE WAY FORWARD

On February 14, 2024, the Department of Materials and Metallurgical Engineering organized a guest lecture featuring Dr. Fausto Tucci from the Department of Industrial Engineering at the University of Salerno, Italy, and a Member of ASM International. Prof. Tucci delivered a lecture titled "Fiber Reinforced Composite: Recent Trends, Challenges, and Potentialities," offering insights into the latest developments in the field. The technical session proved beneficial for students of Metallurgical, Mechanical and Civil Engineering.



REDEFINING PEDAGOGICAL PRACTICES

Assistant Professors Bharat Dogra and Krupal Shah from Automobile Department, IITE participated in a Faculty Development Program (FDP) focused on "Creative Thinking, Leadership, and Pedagogical Practices" at SIMATS Engineering in Tamil Nadu from February 12 to 16, 2024.



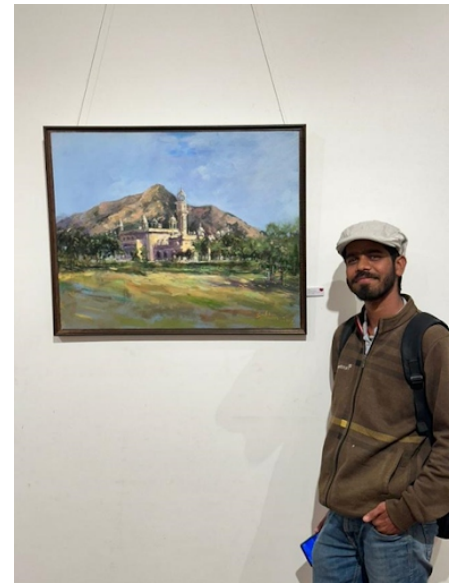
INDUSTRIAL VISIT

The Department of Life Science and the Department of Languages (English) organized an industrial visit to Mundra on February 11 and 12 for various projects of the Adani Group, including Project Udaan. The visit encompassed Adani Solar Power, Adani Wilmar, Adani Port, Adani Windmill, and Adani Thermal Plant, with guidance provided by Adani Group professionals. On Day 1, students explored Adani Port, witnessing import-export operations and advanced technology while emphasizing safety protocols. They then visited Adani Wilmar, gaining insights into edible oil refinery processes and health benefits of different oils. Day 2 featured a tour of Adani Solar panel manufacturing, Adani Windmill, and Adani Thermal Power station, offering comprehensive learning experiences. Coordinated by Dr. Mayur Savaliya and Dr. Nikita Gadani from IISHLS, Indus University, the visit facilitated interaction with industry experts, broadening students' understanding of industrial contributions to society and the nation.



THE ART AND THE ARTIST

Mr. Sonu Kumar's artwork earned recognition at the esteemed Lalit Kala Academy exhibition in Delhi, held from February 17 to 23. Notably, Sonu's painting was prominently featured on the front cover of the exhibition catalog. This event showcased a collaborative group exhibition featuring approximately 80 artists from various regions of India, all handpicked by the Camlin Art Foundation.



INNOVATIVE ENTREPRENEURS

In anticipation of Management Day, the Indus Institute of Management Studies arranged an insightful expert lecture on Innovation & Entrepreneurship on February 19, 2024. The lecture was delivered by Mr. Mansukhbhai Prajapati, the Founder of Mitticool. Over 100 students gathered to gain valuable insights into sustainable innovation and its diverse applications across industries. The event was skillfully coordinated by Dr. Parul Shah and the Association of Indus Management Students (AIMS).



LEARNING COMPUTATIONAL DESIGN

Dr. K. Santhy, HoD, Materials and Metallurgical Engineering, IITE participated in a workshop on Computational Design of Electrocatalyst sponsored by the National Supercomputing Mission. The workshop was hosted at SRM University, Amaravati, Andhra Pradesh from February 18 to 20, 2024.



READING FOR CAREER SUCCESS

On February 20, 2024, the Indus Institute of Management hosted a session titled "The Impact of Reading on Career Success," featuring Mr. Yogesh Bajaj, AGM of The Times of India Group, as the chief guest. The event brought together over 30 students from MBA. Mr. Bajaj emphasized the advantages of reading, highlighting the significance of newspapers in daily life and the role of reading in character development and the success stories of notable individuals. The session proved engaging, motivational, and insightful for the students. The event was coordinated by Dr. Dipesh Dasani, Assistant Professor at IIMS.



A COLLECTION OF POETS

The Department of Languages (English) at IISHLS hosted a Poetry Recitation Competition on February 19, 2024, aiming to provide students with a platform to showcase their talents. Over 40 students from various university departments participated in the event. Utsav Sharma from B.Tech Sem 4 secured the 1st rank, while Kavya Ruparelia from B.A Sem 2 and Kanishak Mishra from B.Tech Sem 4 secured the 2nd rank. Suman Jha from B.A Sem 2 secured the 3rd rank. The competition was judged by Dr. Nikita Gadani and Dr. Rootvesh Mehta from the Department of Languages (IISHLS) and Capt. Umang Jani from WIIA.



SCIENCE AND TECHNOLOGY CAMP

Dr. Parth M. Pandya, Assistant Professor, joined 300 selected young researchers from across Gujarat for a 4-day STI R&D Camp organized by the Department of Science & Technology, Government of Gujarat, GUJCOST, and GCSC. The camp took place from February 16 to 19, 2024.



LEARNING TO BUILD DREAMS

The Civil Engineering Department organized an educational visit to a 14-storey real estate construction site, offering students hands-on insights into real-world practices. They observed various construction stages, from foundation work to first-floor framing, gaining a tangible understanding of building processes. Particularly notable was the on-site ready-mixed concrete plant, showcasing efficient production and delivery processes, emphasizing logistics and resource management importance. Interactions with construction professionals provided valuable insights into safety protocols, problem-solving strategies, and the dynamic nature of construction work. Coordinated by Dr. Jishnu R. Gohel, the visit bridged theoretical knowledge with practical application, enriching students' understanding and appreciation of modern construction complexities. A total of 42 students participated in the visit to Sakar Prime on February 21, 2024.



VIBRANT YIYUVA

The industrious students from the EC & ICT branch enthusiastically volunteered alongside CII through Yi Yuva for the 10th Vibrant Gujarat Global Summit held from January 10 to 12, 2024, at Mahatma Mandir, Gandhinagar. This esteemed event, hosted by the Government of Gujarat, serves as a platform to address global priorities and concerns. Our student volunteers actively engaged in various thematic seminars, country seminars, and B2B/B2G meetings. They were acknowledged for their contributions with certificates of appreciation presented by CII on February 22, 2024, during the Yi Yuva Roadmap meeting, attended by Madam Radhika Bhandari, Dean Aviation, Indus University, and co-chairs of Yi-Yuva.



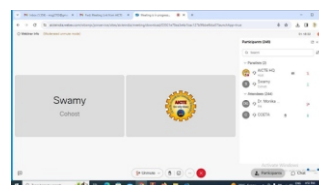
MUTUAL FUNDS TO INCREASE MUTUAL WEALTH

On February 21, 2024, Mr. Pranav Parikh, Regional Business Head of BAJAJ Finserv Asset Management Ltd, Ahmedabad, was invited by the Indus Institute of Management Studies at Indus University to deliver a guest session to management students on "Mutual Funds: Opportunities & Challenges" in the Seminar Hall. Mr. Parikh shared insights on key data points concerning the emerging Viskshit & Atmanirbhar Bharat, digitization, FinTech, and mutual funds. Over 100 students attended this informative session.



RECOURSE OF COURSES

A virtual gathering of Directors/Principals from Bachelor of Architecture Institutes in Gujarat was slated for February 23, 2024. The agenda included deliberations on the process for Architecture Institutes to submit applications for courses in art, design, and planning on the AICTE portal. Dr. Naresh Chhatwani, Head of the Department of IAS, and Dr. Monika Gupta were among the attendees.



ALUMNI INTERACTIONS FOR MAXIMIZING PROJECT EFFICIENCY

The Civil Engineering Department organized a highly successful alumni talk on February 23, 2024 titled "Maximizing Project Efficiency with Primavera," featuring Mr. Yash Chauhan, a proprietor at TechnoBuild Construction and Solutions. With over 40 students in attendance, the event surpassed expectations and facilitated meaningful connections. Mr. Chauhan's presentation went beyond software instruction, offering practical insights into optimizing project timelines, resource allocation, and cost management through real-world examples. This event not only served as a platform for knowledge-sharing but also fostered a sense of community among aspiring engineers. The positive feedback underscores the significance of such initiatives in bridging the gap between academia and the professional realm. Dr. Jishnu R. Gohel and Dr. Samir J. Patel coordinated the event.



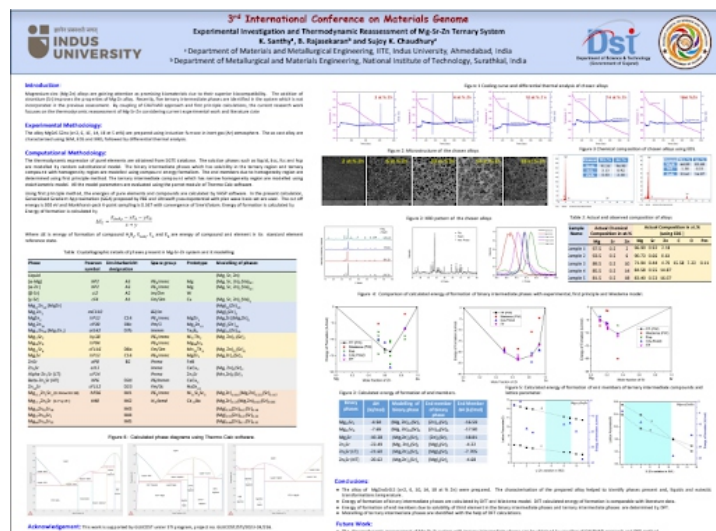
PATENT FOR SUSTAINABLE FUTURE

Monil Salot, Gaurav Awasthi, Bhushan Kumbhar, Vyanktesh Udawant, Vishal Wanave, Omkar Sawant, K. Santhy, and S.K. Chaudhury has been granted an Indian patent (No. 202321061133) for their innovation titled "Improved method for partial replacement of natural sand in concrete by investment casting shell powder," published on February 23, 2024.



UNDERSTANDING TERNARY SYSTEMS

At the International Conference on Materials Genome-III, hosted by SRM University AP, India, from February 22 to 24, 2024, K. Santhy showcased a poster titled "Experimental Investigation and Thermodynamic Reassessment of Mg-Sr-Zn Ternary System."



FOUNDRY TRAINING AND MASTERING THE ART OF MAKING THINGS.

The Indus Foundry Training and Research Centre, in collaboration with the Department of Materials and Metallurgical Engineering, organized a 2-day training program on Hands-on Foundry Practices under the Skill Development Scheme on February 23-24, 2024. Students from Mechanical, Automobile, Civil, and Materials and Metallurgical Engineering departments, all in their 4th semester, participated in and benefited from the program. Mr. Monil Salot, Assistant Professor in the MME department, coordinated and provided training to the students.



LINKEDIN YOUR WAY TO SUCCESS

The Association of Computer Science and Information Technology, within the Department of Computer Science at IICT, hosted a workshop titled "LinkedIn Mastery: Elevate Your Profile and Expand Your Network for Career Success" on February 24, 2024. Mr. Amit Aylani, Assistant Professor at Vidhyalankar Institute of Technology, Mumbai, served as the expert for the session. Mr. Aylani covered various topics, including profile building, posting achievements, creating an effective LinkedIn profile, connecting with company HR for job opportunities, participating in events, applying for jobs and internships, and using the profile as a resume. The expert illustrated these points using live examples and real-time facts and figures from companies. The workshop took place with over 60 students in attendance.



Use eco-friendly colours.

LEARNING MATLAB FOR ACHIEVING GREATER HEIGHTS.

The Department of Computer Science at Indus Institute of Information & Communication Technology organized a Train the Trainer Session on "Introduction to Matlab" for the faculty members of Indus University on Saturday, February 24, 2024. Ms. Vaishali Patel, the resource person, delivered a comprehensive overview of MATLAB, covering its basic features, syntax, and applications across various fields. The session delved into essential topics such as data types, arrays, plotting, and basic programming constructs, explained in a clear and concise manner. Hands-on exercises conducted during the session allowed participants to apply the learned concepts in real-time, providing practical experience with MATLAB. Coordinated by Assistant Professors Dr. Mukta Agarwal & Mr. Deepal Shah of IICT, the session proved highly valuable, equipping participants with a solid foundation in MATLAB for their academic and professional endeavors.



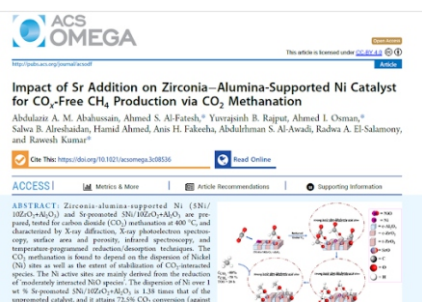
DECODING BLOCKCHAIN

Coding Club iSAC at Indus University, in collaboration with Cypher Blockchain and Muse Community, hosted an insightful event on February 24, 2024. The seminar delved into the fusion of web technologies and blockchain, captivating attendees with engaging presentations. Mr. Harshil Bhatiya introduced blockchain's significance, followed by Mr. Vraj Desai's presentation on Huddle01's features, highlighting its security and efficiency. Incorporating Gujarati elements, Vraj's presentation resonated well with the local audience. Blockchain expert, Mr. Harsh Ghodkar, simplified Bitcoin's origins and technology. Mr. Devanshu Saxena facilitated an exciting giveaway session, while Mr. Lakshay Gupta shared insights into Cypher Blockchain's vision and initiatives, including the Cypher Game. The event concluded with expressions of gratitude and mementos presented to the guest speakers. Attendees also seized networking opportunities with industry professionals, exploring potential career pathways in the blockchain industry. The event was coordinated with efforts from Assistant Professors Mr. Kirtan Rathod and Mr. Hiren Mer.



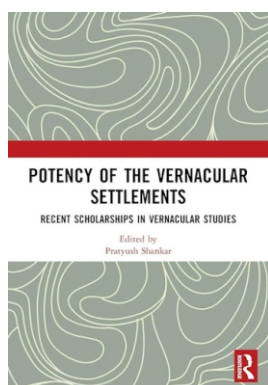
PUBLISHED PAPER

Dr. Rawesh Kumar, Associate Professor in the Chemistry department at IISHLS, has recently authored a research paper titled "Impact of Sr Addition on Zirconia-Alumina-Supported Ni Catalyst for CO_x-Free CH₄ Production via CO₂ Methanation." This article has been published in the prestigious Q1 Rank SCI index international journal "ACS Omega," published by the American Chemical Society, with an impressive Impact Factor of 4.2. One can access the article via doi:10.1021/acsomega.3c08536.



ALUMNI ACHIEVEMENT

Muskan Chopra, from the Batch of 2017, has recently published a paper titled "Notion of Dwelling: Transhumance Pastoralist Raika Community, Rajasthan." This paper has been recognized as one of the top selections (out of three) in ISVS 11 and is now included in the ISVS 11 proceedings publication titled "Potency of Vernacular Settlements - Recent Scholarships in Vernacular Studies," edited by Pratyush Shankar and published by Taylor & Francis. It's noteworthy that this paper originated from her undergraduate research thesis.



DRONA-CYBER SECURED

The Department of Computer Science at Indus Institute of Information & Communication Technology recently organized an industrial visit to Heritage Cyber World LLP, a burgeoning CyberSecurity company, on February 26, 2024. Accompanied by Assistant Professors Ms. Mansi Mehta and Mr. Vivek Dave, 30 students from the Integrated MCA Semester-6 had the opportunity to explore the facilities. One of the highlights of the visit was witnessing "DRONA," Gujarat's inaugural private integrated cyber security command control center. During the visit, Mr. Dhruv Pandit, Founder, and Mr. Ravinder Kumar, CISO at Heritage Cyberworld, alongside their team, enlightened the students about the significance and necessity of CyberSecurity through real-life anecdotes. The discussions encompassed various topics, including the nuances of ethical hacking, safeguarding data, understanding the essence of hacking, ethical hacking learning methodologies, its applications in Indian military and other organizations, cybersecurity techniques, and career prospects in the field. The students expressed profound interest and eagerness in this educational outing, highlighting the importance of such experiential learning opportunities beyond the confines of traditional syllabi. Ms. Nidhi Chotani, Senior Education Consultant at Heritage CyberWorld LLP, along with Assistant Professor Ms. Mansi Mehta from IICT, orchestrated the industrial visit seamlessly.



SEASON OF PLACEMENTS

"Mr. Prathemesh Pukale, Mr. Somnath Thorat, and Mr. Mahesh Mali, final year students specializing in metallurgy, have secured positions at SaarLoha, Pune, with a competitive CTC of 4.7 LPA through the campus recruitment drive organized by the Training and Placement cell of Indus University."



INDUS UNIVERSITY
Where Practice Meets Theory

NAAC ACCREDITED

Hearty Congratulations!

Mahesh Mali
B. Tech (Meta)

Prathamesh Pukale
B. Tech (Meta)

Somanth Thorat
B. Tech (Meta)

On your selection as GET in

SAARLOHA
SaarLoha (Pune, Maharashtra)

"Wishing you continued success as you embark on this exciting journey.
Your hard work and dedication have truly paid off. Best of luck!"

TRAINING AND PLACEMENT DEPARTMENT

Spotlight

Dr. Vrushank Shah

Dr. Vrushank Shah is an Associate Professor & Head of Electronics and Communication Engineering/Electrical Engineering at Indus University. He is a familiar face at Indus University and to pick his brain Mr. Monil Salot took the interview.

What inspired you to pursue a career in academia, and how has your journey evolved over the years?

My passion for knowledge and the desire to contribute to the advancement of my field inspired me to pursue a career in academia. Over the years, my journey has evolved through continuous learning, research, teaching, and mentorship.

Could you discuss a research project or academic initiative that you're particularly proud of, and its impact on your field or community?

It specifically targeted Infant Disease Detection and Prediction through smart sensors. This innovative approach has significantly enhanced early-stage disease detection, revolutionizing healthcare practices for infants.

What is your leadership style? How have you developed the same?

My leadership style is collaborative and inclusive. I've developed it through experience, feedback, and ongoing reflection on effective leadership practices.

If you could teach any subject outside of your expertise for a semester, what would it be and why?

This field holds immense potential for revolutionizing various industries and understanding complex patterns in data. By delving into Machine Learning, students can gain valuable skills applicable across disciplines, fostering innovation and interdisciplinary collaboration.

Let's delve into your alter ego for a moment. If you weren't an academic, what alternate career path would you pursue, and why?

If I weren't an academic, I would pursue a career in Intellectual Property Rights (IPR) and Patenting. I've always been fascinated by the intricate processes involved in protecting innovation and creative works. The opportunity to safeguard intellectual property while navigating the legal landscape appeals to my passion for storytelling and the impactful communication of ideas.

In a movie about your academic journey, who would play you, and which actor would portray your favorite colleague or mentor?

In a movie about my academic journey, I envision Akshay Kumar playing me, portraying the determination, curiosity, and resilience that define my character. As for my favorite mentor, Dr. Akshai Aggarwal would embody their wisdom, guidance, and supportive nature, much like the character portrayed in Mission Mangal.

As an HoD, you have multiple portfolios to take care of and alongside it you have a beautiful family. How do you have a work-life balance with so much workload?

Balancing multiple portfolios and family life requires effective time management, prioritization, and boundaries. I strive to allocate dedicated time for work, family, and self-care, while also delegating tasks and seeking support when needed.

Any message for the Indus Family?

The Indus family boasts a remarkable pool of talented faculty, and fostering positivity among them can undoubtedly lead to remarkable achievements.



Wishes You Happy Maha Shivratri & Holi

HAPPY HOLI

