



**i360 NEWSLETTER
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In Spotlight

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A 100 Sq. Feet Canvas of Sustainability: WIIA-IIATE Students Create Eco-Friendly Rangoli for Diwali

In celebration of Diwali on October 25, 2024, students from WIIA-IIATE crafted an impressive 100-square-foot, eco-friendly rangoli, radiating vibrant colors and sustainability. Using only natural materials—flower petals, chalk sticks, natural dyes, and an indoor plant centerpiece—they showcased a creative and environmentally conscious approach to this traditional art. This unique rangoli brought together artistry and environmental awareness, beautifully capturing the spirit of Diwali with a mindful twist.



Flying Wishes: WIIA-IIATE Students Take Diwali Celebration to New Heights



On October 25, 2024, WIIA-IIATE students celebrated Diwali in an imaginative and symbolic way. With craftsmanship and creativity, they crafted around 300 paper planes, each representing a wish for the festival. In a spirited display, they launched these planes in the auditorium, filling the space with fluttering, colorful messages of joy and goodwill. This unique celebration beautifully combined tradition with a touch of innovation, as students sent their Diwali wishes soaring to new heights.

Festive Connections: Diwali Meet and Greet Brings Together WIIA and IIATE Staff

On October 26, Ms. Radhika Bhandari, Dean of IIATE and Director of WIIA, hosted a special Diwali "Meet and Greet" to foster festive cheer and camaraderie. The event saw enthusiastic participation from all WIIA and IIATE staff members, who gathered to celebrate, connect, and share in the Diwali spirit. This gathering offered a warm opportunity for colleagues to engage, exchange greetings, and strengthen their community bonds as part of the festive season.



Spreading Diwali Joy: WIIA-IIATE Team Brings Festive Cheer to Visamo Foundation



On October 25, 2024, team members from WIIA and IIATE celebrated Diwali in the true spirit of giving by visiting the Visamo Foundation in Bopal. Embracing the "Joy of Giving" concept, they contributed generously to bring smiles and festive cheer to 105 underprivileged children. Through this heartfelt initiative, the WIIA-IIATE team shared not only gifts but also moments of joy, fun, and sparkle, making Diwali a memorable occasion for the children at Visamo Foundation.

Exploring the Future of Space and Geo-Informatics: WIIA-IIATE Students Visit BISAG-N

WIIA-IIATE organized an educational visit to the Bhaskaracharya National Institute for Space Applications and Geo-informatics (BISAG-N) in Gandhinagar for students of Aircraft Maintenance, Aeronautical, and Aerospace Engineering. Held in three batches on October 4, 8, and 10, 2024, the visit was led by faculty members Ms. Hemancy Chhatbar, Mr. Chaina Ram, Mr. Amol Kumar Singh, and Capt. Umang Jani. This immersive experience provided students with valuable insights into advancements in space technology and geo-informatics, bridging academic learning with real-world applications in India's premier space research environment.



Celebrating Leadership and Legacy: iSAC Hosts Ceremony to Bid Farewell to Outgoing Panel and Welcome New Leaders

On October 23, 2024, the Indus Student Activity Cell (iSAC) held a memorable ceremony to honor the outgoing student panel of 2023-2024 and usher in the new panel for 2024-2025. The event, held at the MBA Seminar Hall, was attended by students, faculty, and members of the administration, creating an atmosphere of camaraderie and achievement.

The ceremony included the presentation of mementos and certificates to the outgoing panel members, recognizing their outstanding contributions to iSAC throughout the academic year. These awards were presented by Dr. R.K. Singh- Registrar, Dr. Ketan Lakhtaria - Dean of Student Affairs, and Ms. Meeta Agarwal - Member Secretary of SAC. Each outgoing member was given a token of appreciation for their leadership in organizing events that enriched campus life at Indus University.

As a gesture of gratitude, the faculty coordinators of iSAC were also recognized for their unwavering support and guidance. Their vital role in the success of student-led initiatives were acknowledged as they received tokens of appreciation.

A symbolic moment of the ceremony saw the official handover of badges from the outgoing panel to the incoming panel, marking the seamless transfer of responsibilities and leadership. This moment signified the beginning of a new era for iSAC, with the incoming members vowing to uphold the values of excellence and innovation.

The outgoing panel members shared their experiences, challenges, and achievements with the new team, offering valuable advice on collaboration, time management, and staying true to the vision of iSAC. Their reflections served as a source of inspiration for the incoming panel, underscoring the personal growth and learning that comes with student leadership.

The event encapsulated the essence of teamwork, leadership, and continuity, reflecting Indus University's commitment to empowering students and nurturing leadership skills for a brighter future.



Dancing to Tradition: Indus University Kicks Off Navratri Celebrations with Garba Workshop

As the festive season of Navratri approaches, Indus University is already buzzing with excitement. On September 25, 2025, the Indus Student Activity Cell (iSAC), in collaboration with the Rotaract Club of Indus University, organized an energetic Garba Workshop to set the stage for the upcoming Navratri celebrations and the much-anticipated "RaasRang" event.

Held in front of the main building, the workshop took full advantage of the open space, creating the perfect atmosphere for the lively occasion. The event's highlight was the presence of professional Garba artists from the renowned Rang Rasiya Group, who led the students in learning traditional Garba steps. Their expert guidance not only helped participants master the dance but also deepened their understanding of Garba's cultural significance, adding a professional flair to their performance.

The workshop saw a massive turnout, with over 400 students enthusiastically joining in the fun. Thanks to the efforts of iSAC and the Rotaract Club, the event successfully brought together the vibrant spirit of Navratri, setting the tone for more celebrations in the days to come. The excitement continues as Indus University looks forward to embracing its rich cultural heritage through dance, music, and togetherness.



Vocal for Local: Indus University Hosts Vibrant Exhibition to Support Local Artisans



On October 24, 2024, Indus University, in collaboration with the Western India Institute of Aeronautics (WIIA), proudly hosted the "Vocal for Local" exhibition. This event aimed to provide a platform for local artisans, entrepreneurs, and small-scale businesses, encouraging the community to support indigenous products and craftsmanship under the theme of "Vocal for Local." As part of a larger initiative to promote locally made goods, the exhibition played a key role in strengthening the local economy.

Organized by the Indus Student Activity Cell (iSAC), the exhibition was filled with enthusiasm and a sense of community support for local talent. The event was graced by prominent figures including Dr. Nagesh Bhandari, Presidential Secretariat of Indus University, Dr. Radhika Bhandari, Dean of Aviation and Director of WIIA, Prof. (Dr.) Sandeep Chakravorty, Executive President, Dr. R.K. Singh, Registrar, Dr. Suketu Jani, Deputy Registrar, along with other Deans and Directors. Their visit to the exhibition highlighted their support for local craftsmanship as they interacted with artisans, appreciating their skills and encouraging further contributions to the local economy.

PLACEMENTS UPDATE

- 2023-24 Batch: 156 students from various disciplines (B.Tech, MCA, MSc.IT, etc.) got placed in virtual/hybrid drives with packages ranging from Rs. 3.60 LPA to Rs. 7.00 LPA.
- 2024-25 Batch: 60 students got placed across 7 drives, all securing packages over Rs. 5.00 LPA.

OTHER ACTIVITIES

- Collabera Career Session (05.09.24): Over 90 students attended a session on outsourcing careers led by Collabera's senior talent acquisition team.
- Q-Spiders Drive (12.09.24): 30 students were selected from B.Tech, MCA, and MSc.IT programs.
- Symmetric Drive (13.09.24): 8 students shortlisted, with results expected soon.
- Roima Intelligence Drive (14.09.24): 24 students shortlisted, awaiting results.
- IDP Education Fair (15.09.24): Over 100 international universities showcased their programs, providing students with global education opportunities.
- IIPR Induction (17.09.24): Orientation session held for new B. Pharm students.
- Placement Sessions (14.10.24): Sessions for BBA and MBA students on upcoming drives and preparation.
- International Recruitment Academy Visit (15.10.24): Discussed collaboration for international placements, invited students to an International Job Fair in December.
- BARC Visit (16.10.24): Outreach program for final-year engineering students, BARC scientists expected to visit in January 2025.
- GreyCell Labs Drive (19.10.24): 20+ student coordinators supported a recruitment process with interviews scheduled for October 22, 2024.

These activities reflect the university's ongoing efforts to enhance placement opportunities and career guidance for its students.



IIPR Faculty Shine at APTICON24 – The 27th Annual National Convention of APTI

Dr. Falguni Tandel, Dr. Dipti Patel, and Ms. Kamna Tripathi, faculties from the Institute of Pharmacy and Research (IIPR), attended APTICON24, the 27th Annual National Convention of the Association of Pharmaceutical Teachers of India (APTI), held from 27th-28th September 2024 at the University Department of Pharmaceutical Sciences (UDPS), Utkal University, Bhubaneswar. The convention's theme, "Beyond the Counter: Transforming Pharmacy Education for Industry and Patient Impact," focused on advancing pharmacy education to meet industry needs and enhance patient care.

- Dr. Dipti Patel, Associate Professor at IIPR, presented a poster on "Enhancing Efficacy: A Comprehensive Review of Herbal Bio-Enhancers and Their Therapeutic Potential".
- Ms. Kamna Tripathi, Assistant Professor at IIPR, presented her poster on "A Review of Combination of Boerhaavia diffusa and Silybum marianum Extract in Fatty Liver Disease".

The participation and presentations by IIPR faculty demonstrate their commitment to advancing research in pharmaceutical sciences and their active engagement with industry trends to improve therapeutic practices.



IIPR Hosts Expert Session on Pharmaceutical Industry Quality Assurance

On 30th August 2024, the Indus Institute of Pharmacy and Research (IIPR), Indus University, organized an insightful expert session on the pharmaceutical industry, led by Dr. Abhijit Bodhe, Deputy General Manager of the Department of Quality Assurance at Intas Pharmaceuticals Ltd., Ahmedabad. Dr. Bodhe's lecture, delivered from 3:00 pm to 4:15 pm at LH 16, IIPR, Bhanwar Building, focused on the critical role of Pharmaceutical Quality Assurance in maintaining the integrity of the product lifecycle. From ensuring the quality of raw materials to safeguarding the final product before it reaches patients, Dr. Bodhe emphasized the importance of strict adherence to industry guidelines and best practices. The session was attended by 62 B. Pharm. students, who benefited from Dr. Bodhe's deep expertise in quality assurance, gaining valuable insights into the essential guidelines and practices that uphold the standards of the pharmaceutical industry.



IIPR and NSS Unit Organize Medical Health Checkup and Relief Camp for Ambaji Pilgrims

The Indus Institute of Pharmacy and Research (IIPR), in collaboration with the NSS Unit of Indus University, organized a Medical Health Checkup and Relief Camp for Ambaji Pilgrims at Chandramoleswar Temple, Chandrala, Gandhinagar, on 10th-11th September 2024. During the camp, IIPR students conducted physical exams, checked vital signs, and assessed basic health indicators of the pilgrims. They also provided first aid for any emergencies encountered during the pilgrims' journey and distributed over-the-counter (OTC) medicines to ensure their well-being. The primary aim of this medical camp was to reach out to communities with limited access to healthcare, offering essential services to improve the overall health of Ambaji pilgrims. The management of Indus University expressed their gratitude to the NSS Unit for organizing this vital initiative, which contributed to the health and safety of the pilgrims during their spiritual journey.



IIPR Organizes Expert Session on "Protect Health with Ancient Lifestyle"

On 14th September 2024, the Indus Institute of Pharmacy and Research (IIPR), Indus University, organized an Interactive Expert Session on "Protect Health with Ancient Lifestyle" at the MBA Seminar Hall. The session was led by Dr. Paritosh Bhatt, an Ayurveda consultant and international speaker, who shared valuable insights on how ancient practices can contribute to maintaining health in the modern world. Dr. Bhatt elaborated on key concepts such as Dinacharya (daily routine), Ritucharya (seasonal routines), Panchkarma (detoxification), and the importance of balanced food habits in sustaining health. He also discussed holistic practices like waking up during Brahma Muhurat, walking, proper metabolism, digestion, exercise, yoga, pranayama, and the significance of correct seating and postures in daily life. A total of 34 faculty members benefited from this enriching session, which was coordinated by Dr. Hirak Joshi, Professor, IIPR, under the guidance of Dr. Falguni Tandel, Principal, IIPR. The session offered a comprehensive look at ancient lifestyle practices that promote health and well-being, bridging traditional wisdom with modern needs.



World Pharmacist Day 2024 Celebrated at IIPR

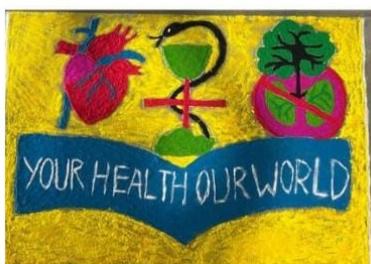
The Indus Institute of Pharmacy & Research (IIPR), in collaboration with the Indian Pharmaceutical Association – Gujarat State Branch (IPA-GSB) and the Gujarat State Pharmacy Council, celebrated World Pharmacist Day 2024 on 25th September 2024. The event, held under the theme "Pharmacists: Meeting Global Health Needs," aimed to highlight the vital role pharmacists play in enhancing healthcare worldwide.

The inaugural session featured esteemed speakers including Mr. Sushil Vohra, Senior VP of Sales & Marketing at INTAS Pharmaceuticals, Mr. Gilbert Macwan, Additional Registrar at the Gujarat State Pharmacy Council, and Mr. Chintan Shah, Joint Secretary of IPA Gujarat. They motivated students by sharing valuable insights into the evolving role of pharmacists in global healthcare and emphasized their crucial contributions to patient care and health management.

The event was packed with engaging competitions such as Poster Making, Pharma-Rangoli, and Reel-Making, followed by a Health Awareness Campaign aimed at spreading awareness about the importance of pharmacists in the community. Students from IIPR, as well as other departments of Indus University, actively participated, making the event a great success and showcasing their creativity and enthusiasm for the pharmacy profession.



World Pharmacist Day 2024 Rangoli Making Competition



Mr. Uday Patadiya Presents Research Paper at National Seminar on Consumerism

Mr. Uday Patadiya, Assistant Professor at Indus Institute of Law (IIL), successfully participated in the National Seminar on 'Contemporary Issues on Consumerism in India', held on 18th September 2024. The seminar was organized by the Department of Law, Sardar Patel University, Vallabh Vidyanagar, in collaboration with the Akhil Bharatiya Grahak Panchayat – Gujarat Prant.

Mr. Patadiya presented his research paper titled "A Study on Empowering Consumers: Intersection of ADR (Alternative Dispute Resolution) and Consumer Protection Laws," where he explored the role of ADR mechanisms in empowering consumers and how they intersect with existing consumer protection laws in India. His paper contributed valuable insights into the evolving landscape of consumer rights and dispute resolution in the country.



Indus Institute of Law (IIL) Organizes Expert Session on Gender

The Indus Institute of Law (IIL) successfully organized an expert session on "Gender Sensitization" on 10th September 2024. The session was conducted by Dr. Krupa Jayswal, a renowned social activist and Assistant Professor at Government Law College, Godhra. Dr. Jayswal delivered an engaging presentation that focused on the importance of gender sensitization in modern society, addressing the need to raise awareness about gender biases, stereotypes, and inequalities that persist across various sectors. She emphasized the role of education and awareness in challenging these societal issues. The session was further enriched by insights shared by Dr. Vedvyas Dwivedi, Executive Vice President of Indus University, who also highlighted the significance of gender sensitization in both academic and social contexts. The session was coordinated by Mr. Uday Patadiya, Assistant Professor, IIL, and was well-received by students and faculty alike.



Dr. Hirak Joshi Delivers Expert Talk on "Consumer Protection Act-1986"

Dr. Hirak Joshi, Professor at Indus Institute of Pharmacy & Research (IIPR), delivered an expert talk on the "Consumer Protection Act-1986" during the Gujarat State Pharmacy Council (GSPC) sponsored Refresher Course for Registered Pharmacists on 29th September 2024. The event was organized by Sat Kaival Pharmacy College, Shertha, Gujarat.

Dr. Joshi's session focused on the key aspects of the Consumer Protection Act-1986, emphasizing its relevance to the pharmaceutical sector and the role of pharmacists in safeguarding consumer rights. The talk aimed to enhance the understanding of consumer protection laws among registered pharmacists, enabling them to better serve the public while adhering to legal and ethical standards.

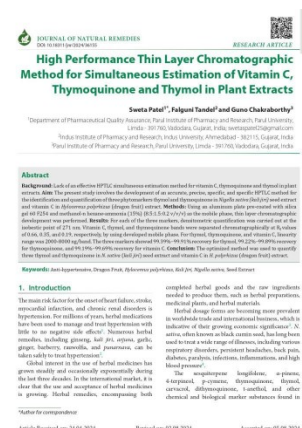
This insightful session was part of the refresher course aimed at updating the knowledge of pharmacists in Gujarat.



Dr. Falguni Tandel Publishes Research on Vitamin C, Thymoquinone, and Thymol Estimation

Dr. Falguni Tandel, Principal of Indus Institute of Pharmacy & Research (IIPR), has published a research article titled "High Performance Thin Layer Chromatographic Method for Simultaneous Estimation of Vitamin C, Thymoquinone, and Thymol in Plant Extracts" in the Journal of Natural Remedies, a Scopus and Web of Science indexed journal. The article appears in Volume 24(9), spanning pages 2005-2013, in the September 2024 issue.

The research presents a novel High Performance Thin Layer Chromatographic (HPTLC) method for the simultaneous estimation of Vitamin C, Thymoquinone, and Thymol in plant extracts, offering a reliable and efficient approach for evaluating these bioactive compounds in herbal formulations. The study contributes to the growing body of knowledge in the field of pharmaceutical analysis, with significant implications for the quality control of herbal medicines.



IIPR Organizes Expert Session on cGMP for Pharmaceutical Quality Mr. Nikhil

Indus Institute of Pharmacy & Research (IIPR), Indus University organized an Interactive Expert Session on "C-GMP is Quality" on 10th October 2024, in celebration of the 2nd cGMP Day. The event was coordinated in collaboration with IDMA (Indian Drug Manufacturing Association) and PCI (Pharmacy Council of India).

The session was led by Mr. Krunal Patel, Team Leader of the F&D Department at Concord Biotech Limited, Ahmedabad. Mr. Patel elaborated on the fundamental importance of current Good Manufacturing Practices (cGMP) in the pharmaceutical industry. He emphasized the crucial role of GMP guidelines in ensuring the safety, efficacy, and quality of medicines, covering key areas such as:

- Quality management
- Personnel training
- Documentation
- Handling of complaints and recalls
- Quality control processes

During the session, IIPR students actively engaged with Mr. Patel, addressing their queries related to current regulations in both pharmaceutical and herbaceutical industries. The event was successfully coordinated by Dr. Hirak Joshi, Professor at IIPR, under the guidance of Dr. Falguni Tandel, Principal of IIPR.



Mr. Nikhil Harikumar of IIL Wins Best Paper Award Lt. (Dr.) Parshva Shah, NCC



Mr. Nikhil Harikumar P, Assistant Professor at Indus Institute of Law (IIL), was awarded the “Best Paper Presented Award” for his research paper titled “Women in Online Delivery Services”. This recognition was granted at the National Seminar on ‘Women in Unorganized Sector: Social, Economic and Policy Perspectives’, which was sponsored by the National Commission for Women and organized by the Centre for Women and Law at National Law University, Odisha, on 5th October 2024.

Mr. Harikumar's paper focused on the challenges and opportunities faced by women working in the online delivery sector, highlighting their significant role and impact within the unorganized labor market.

Guest Session on Mergers & Acquisitions by Mr. Praveen Bhaskar

On 14th October 2024, Mr. Praveen Bhaskar, Senior Vice President of HR & Training at AU Small Finance Bank Ltd, Ahmedabad, delivered an insightful guest session on “Mergers & Acquisitions: Post Merger Integration in the Banking Sector”. The session provided valuable knowledge on the complexities and strategies involved in integrating businesses after mergers, focusing on the banking sector.

Additionally, Mr. Bhaskar was the Guest of Honor at the Certificate Award Ceremony for the “Industrial Sickness & the IBC, 2016 – 4.0 Edition” program, held on 6th September 2024. Over 100 students participated in the full-day certificate program, receiving Certificates of Participation. The program was well-received, with students finding it both highly informative and interesting.



Faculty Development Program on Applied Research Methodology Dr. Sunaina



Dr. Nirali Dave, Assistant Professor at Indus Institute of Management and Studies (IIMS), attended a Faculty Development Program on Applied Research Methodology: Designing, Collecting, and Analyzing Data using SPSS, conducted by INSPIRE Software Solutions. The program took place from 7th to 13th October 2024 and focused on enhancing research skills, particularly in the areas of data collection, analysis, and the use of SPSS software for research methodologies.

Research Paper on India's Educational Landscape

Dr. Sunaina Lashkari Makwana, Assistant Professor at Indus Institute of Management and Studies (IIMS), contributed to the discourse on India's educational landscape through the publication of her research paper titled "Bharatiya Education: Past, Present, and Future". The paper was submitted as part of the Yuva Aayam, a national paper writing competition, and aligns with the vision of Viksit Bharat (Developed India). The work demonstrates her commitment to shaping the future of education in India. Dr. Makwana's research paper was certified on October 5, 2024.



Successful Completion of Financial & Taxation 2.0 Planning Program

Lt. (Dr.) Parshva Shah, NCC Unit Head and Assistant Professor, successfully conducted the Financial & Taxation 2.0 Planning Program on 30th August 2024 from 9:00 AM to 1:00 PM at the Gujarat Sahitya Parisad Hall, Navrangpura, Ahmedabad. The program saw active participation from over 85 students across the university, focusing on financial planning and taxation, providing valuable insights and practical knowledge. The event was a success, with students benefiting from the interactive sessions.



Successful One-Week Certificate Program at IIMS: "Career Roadmap: A Strategic Approach Towards Building Your Profession"

Indus Institute of Management Studies (IIMS) organized a highly successful one-week certificate program for MBA 1st-year students, titled "Career Roadmap: A Strategic Approach Towards Building Your Profession" from 14th October to 17th October 2024.

The program was inaugurated by Dr. P. Balabhaskaran, the chief guest, who shared valuable insights on crafting a strategic career roadmap, helping students understand how to navigate their professional journeys. The faculty coordinators for the event, Ms. Rekha Bawa, Dr. Richa Verma, Ms. Shreya Vasavada, and Dr. Tejal Shah, led sessions on key areas like Finance, Marketing, HR, and Operations, emphasizing the essential skills and knowledge required to excel in these fields. They provided a clear view of career opportunities and the benefits each field offers.

The event successfully equipped participants with the necessary tools to develop a strategic approach to their professional careers.



Session on 'Marketing for Start-ups' at IIMS

On October 3, 2024, Dr. Hetal Vyas, Faculty of Management at GLS University and Consultant to Small and Medium Enterprises (SMEs), conducted an insightful session on 'Marketing for Start-ups' for MBA students at Indus Institute of Management Studies (IIMS).

Dr. Vyas shared her extensive expertise in the field, engaging students with relevant marketing strategies tailored for start-ups. Through various real-world examples and case studies of brands, she demonstrated effective approaches and best practices for marketing in the early stages of a business.

The event was coordinated by Dr. Daisy Kurien, Associate Professor at IIMS, under the guidance of Dr. Umang Patdiwala, HOD IIMS. The session provided students with valuable insights to help them understand the dynamics of marketing in start-up environments.



Participation in FDP on AI Tools for Educators



Ms. Khushali Patel, Assistant Professor at Indus Institute of Management Studies (IIMS), participated in a One-Day Faculty Development Program (FDP) organized by Adani Institute of Digital Technology Management (AIDTM) on October 5, 2024. The program, titled "AI Tools for Educators," provided engaging and insightful sessions on the integration of Artificial Intelligence in education.

Dr. Ankit Shah from AIDTM was the resource person for the session, sharing valuable tips and tricks on how to use AI effectively in both academic and professional contexts. The FDP equipped participants with the knowledge to incorporate AI tools into their teaching methods, making the learning process more efficient and meaningful. This session is expected to assist educators in enhancing their teaching strategies, thereby improving the overall teaching-learning experience.

Dr. Nikita Gadani's Presentation at National Conference

Dr. Nikita Gadani, Assistant Professor in the Department of English at Indus Institute of Management Studies (IIMS), presented a research paper titled "Unlocking Potential through Education: Dr. B.R. Ambedkar's Vision" at a National Conference on "Bharat ke Vartman Paripekshay me Dr. Bhimrav Ambedkar evam Pandit Dindayal Upadhyay ka Samajik Darshan". The conference was jointly organized by Guru Ghasidas Central University, Bilaspur and the Indian Council of Social Science Research, New Delhi, on 19th September 2024.

Her paper focused on Dr. B.R. Ambedkar's transformative vision for education as a tool for empowerment and social change. Dr. Gadani's contribution highlighted the significance of education in unlocking individual and societal potential, particularly in the context of Ambedkar's vision for an inclusive and progressive society.



Academic Visit to Darpana Academy of Performing Arts



On 19th October 2024, students from the Department of English, IISHLS, Indus University visited the Darpana Academy of Performing Arts. The visit provided an immersive experience in Indian theatre, drama, and dance. Students met Smt. Mallika Sarabhai, a renowned Padma Bhushan awardee, who shared her artistic journey and insights on how the arts can drive social change. The visit, coordinated by Dr. Nikita Gadani and Ms. Pushti Purohit, inspired students to appreciate the role of performing arts in cultural storytelling and social transformation.

A Brush with Empathy: Fostering Inclusivity Through Art at Prakash School

On September 27, 2024, the Department of English, IISHLS, Indus University visited Prakash School for Mentally Retarded Students as part of an educational initiative for B.A. English and B.A. Liberal Studies students. The visit aimed to promote understanding of inclusive education. Students interacted with around 80 children, engaging in therapeutic sessions and admiring their artistic talents, including paintings and crafts. They also participated in collaborative art projects. Gifts were distributed to the children, spreading joy and emphasizing empathy and community. The visit was coordinated by Dr. Nikita Gadani and Mr. Hareesh Suthar.



Unleashing Language Skills: JAM (Just A Minute) Activity at IISHLS

On 15th October 2024, the Department of Languages (English), IISHLS, organized a lively and engaging Just A Minute (JAM) activity, offering a platform for students to showcase their language skills and spontaneous speaking abilities. The event saw active participation from over 50 students across various departments of the university, each eager to demonstrate their quick thinking and eloquence.

The JAM activity challenges participants to speak on a given topic for one minute without hesitation, deviation, or repetition. It encourages quick thinking, creativity, and effective communication skills, making it an exciting opportunity for students to hone their public speaking and language proficiency.

The event was coordinated by Dr. Chintan Bhatt, who ensured smooth execution and enthusiastic participation throughout the session. The JAM activity not only boosted the students' confidence but also fostered a sense of friendly competition, making it a memorable experience for all involved.



Igniting Creativity: Story Writing Competition at IISHLS

On 10th October 2024, the Department of Languages (English), IISHLS, organized a Story Writing Competition to foster students' creative writing abilities. The event aimed to provide a platform for students to explore their imagination and refine their writing skills.

The competition received enthusiastic participation from 26 students across various departments of the university, all eager to put their storytelling abilities to the test. The event was held at the Language Lab in Bhanwar Building from 3:25 pm to 5:15 pm, offering a focused environment for creativity to flourish.

The top three winners of the competition were:

- First Rank: Krupa Ruparelia (B.A. English, Sem-3)
- Second Rank: Riya Patel (B.Sc. Clinical Research, Sem-I)
- Third Rank: Hemang Mandaliya (B.Tech, Sem-I)

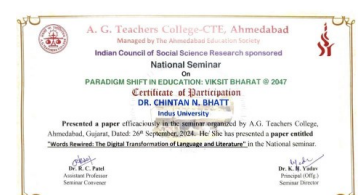
The event was a wonderful opportunity for students to showcase their writing talent, with a special emphasis on creative expression, and it concluded with a sense of pride and achievement for all participants.



Exploring the Digital Evolution of Language: Dr. Chintan Bhatt's Insightful Presentation

On 26th September 2024, Dr. Chintan Bhatt, Assistant Professor, Department of Languages, IISHLS, presented a thought-provoking paper titled "Words Rewired: The Digital Transformation of Language and Literature" at the National Seminar on Paradigm Shift in Education: Viksit Bharat @2047, organized by the Indian Council of Social Science Research (ICSSR).

In his presentation, Dr. Bhatt delved into the profound impact of digital technologies on language and literature, exploring how these tools are reshaping communication, literary practices, and the way we engage with language in an increasingly digital world. His insights contributed to the broader discourse on the future of education and the evolving role of language in shaping the future of India, particularly in the context of a developed nation by 2047.



Unlocking the Link Between Math and Computing: Guest Lecture by Dr.

On 22nd October 2024, the Department of Mathematics at Indus University hosted an insightful guest lecture by Dr. Trivedi from Nirma University, Ahmedabad. The session, titled "Applications of Mathematics in Computer Science," explored the critical role that core mathematical concepts play in the world of computing, particularly in areas such as algorithm design and analysis.

Dr. Trivedi's lecture provided valuable insights into how mathematics serves as the foundation for various computer science fields, including artificial intelligence, data science, and network security. The lecture was followed by an engaging Q&A session, where students actively participated, delving into specific mathematical techniques used in these rapidly evolving domains. The event proved to be an enriching experience, bridging the gap between mathematics and computer science.



Empowering Educators with AI: Dr. Akash Thakkar's Successful FDP Completion

Dr. Akash Thakkar, Assistant Professor in the Department of Mathematics, has successfully completed the Faculty Development Program on "AI Tools for Educators" organized by the Adani Institute of Digital Technology Management (AIDTM) on 5th October 2024. The program focused on the integration of AI tools in education, aiming to enhance teaching methodologies and promote greater student engagement. This development underscores Dr. Thakkar's commitment to advancing his teaching techniques through innovative technology, further benefiting both his students and the academic community.



Exploring the Cutting-Edge of Chemistry: A Visit to Ahmedabad's Top Laboratories

On 18th October 2024, the Department of Chemistry, ISHLS, organized an enriching educational visit for 25 students to some of Ahmedabad's premier laboratories: the Cearch Toxicology Laboratory, Public Health Laboratory, and the Forensic Science Laboratory. The visit provided students with invaluable hands-on experience, where they observed and learned about the operation of various advanced instruments such as HPLC, GC, Automatic Refractometer, AAS, UPLC, and tools for DNA sequencing, gene extraction, FTIR, centrifugation, and more.

Students were also introduced to the practical aspects of food industry analysis, narcotic drug analysis, and pesticide analysis. This field visit offered a deeper understanding of the latest developments in these critical sectors, linking classroom theory with real-world applications.

Coordinated by Dr. Nikunj Valand, the visit was a great success in exposing B.Sc. and M.Sc. Chemistry students to advanced laboratory techniques, giving them a competitive edge in their academic and future professional pursuits. The department extends its gratitude to the management for making this opportunity possible.

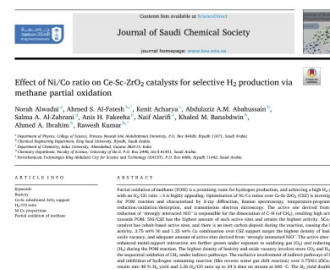


Dr. Rawesh Kumar Publishes Groundbreaking Research on Catalysts for H2 Production

Dr. Rawesh Kumar, Associate Professor in the Department of Chemistry, IISHLS, has achieved a significant milestone with the publication of his research article titled "Effect of Ni/Co ratio on Ce-Sc-ZrO₂ catalysts for selective H₂ production via methane partial oxidation" in the prestigious Journal of Saudi Chemical Society, an SCI-indexed journal with an impact factor of 5.8.

The research focuses on the critical role of Ni/Co ratios in optimizing Ce-Sc-ZrO₂ catalysts for the selective production of hydrogen (H₂) via methane partial oxidation—a process that is crucial for sustainable energy production. This work adds to the body of knowledge in catalyst design and hydrogen generation, marking a significant contribution to the field of chemical engineering and energy.

You can read the full article here: [DOI: 10.1016/j.jscs.2024.101948](https://doi.org/10.1016/j.jscs.2024.101948)

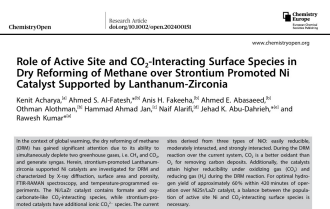


Dr. Rawesh Kumar's Latest Research Explores CO₂ Interaction in Methane Dry Reforming
Dr. Paras Patel, Assistant Professor in the Department of Chemistry,

Dr. Rawesh Kumar, Associate Professor in the Department of Chemistry, IISHLS, has recently published a significant research article titled "Role of Active Site and CO₂-Interacting Surface Species in Dry Reforming of Methane over Strontium Promoted Ni Catalyst Supported by Lanthanum-Zirconia" in the SCI-indexed journal, Chemistry Open, which has an Impact Factor of 2.3.

This research delves into the intricate mechanisms behind dry reforming of methane (DRM), focusing on the active sites and CO₂-interacting surface species involved in the process. It highlights the role of strontium-promoted nickel catalysts supported by lanthanum-zirconia in improving the efficiency and selectivity of the reaction—crucial for converting methane into valuable products while mitigating carbon dioxide emissions.

Read the full article here: [DOI: 10.1002/open.202400151](https://doi.org/10.1002/open.202400151)



Dr. Paras Patel Honored with Senior Scientist Award at International Chemical Sciences Conference

Dr. Paras Patel, Assistant Professor in the Department of Chemistry, IISHLS, has been honored with the prestigious "Senior Scientist Award" after securing the First Prize for Best Research Paper Oral Presentation at the International Conference on "Newer Horizons of Chemical Sciences in the 21st Century". The conference was held on September 27-28, 2024, and was organized by Pacific University, Udaipur, Rajasthan.

Dr. Patel's research paper, presented at the event, was recognized for its innovative contributions to the field of chemical sciences, showcasing his dedication to advancing scientific knowledge.



Dr. Manisha Vithalpura Secures Collaborative Research Project with ISRO

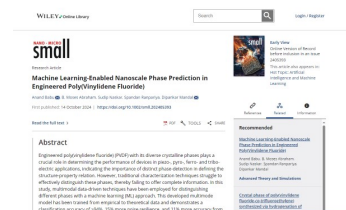
Dr. Manisha Vithalpura, I/c HOD & Assistant Professor of the Department of Physics, IISHLS, has successfully secured a prestigious collaborative research project with the Space Application Center (SAC), ISRO. The project, titled "Development of Automatic Procedures and Operationalization of Validation Algorithms for Various Geophysical Parameters from Meteorological Payloads in the MOSDAC Web Portal", is part of the Cal-Val program of SAC. The project, with a duration of 3 years, has been granted a total budget of Rs. 30.96 Lakh. This collaboration is a significant achievement for Dr. Vithalpura and IISHLS, as it highlights the institute's growing involvement in advanced space and meteorological research.

Mr. Spandan Ranpariya Publishes Research Paper in Small Journal

Mr. Spandan Ranpariya, Lecturer in the Department of Physics, IISHLS, has co-authored a significant research paper titled "Machine Learning-Enabled Nanoscale Phase Prediction in Engineered Poly(Vinylidene Fluoride)". The paper has been published in the esteemed journal Small (Wiley), with an impact factor of 13.

The research, conducted in collaboration with the Institute of Nano Science and Technology, IISER Mohali, and Institut de Química Teòrica i Computacional (IQTCUB), Universitat de Barcelona, Spain, focuses on the application of machine learning for nanoscale phase prediction in engineered materials, contributing valuable insights to the field of materials science.

The paper can be accessed through the following DOI: <https://doi.org/10.1002/sml.202405393>. This achievement highlights Mr. Ranpariya's growing influence in cutting-edge research within the field of physics and material sciences.



Voyage to the Cosmos: A Stellar Journey of Discovery and Observation On



The "Voyage to the COSMOS: Telescope Training & Sky Observation" event, held on October 21, 2024, was organized by the Astro Club, iSAC, and the Department of Physics, IISHLS. It attracted over 100 participants, including students and faculty. Key dignitaries such as Dr. Nagesh Bhandari and Prof. (Dr.) Sandeep Chakravorty attended, with Dr. Bhandari unveiling a new telescope to mark the university's commitment to astronomy. Prof. Brijmohan Thakore delivered a talk on astrophotography, demonstrating how simple tools can lead to significant discoveries. An interactive workshop on telescopes and optical phenomena followed. The event was coordinated by Dr. Ayushi Patel, Dr. Nisha Thankachen, Dr. Manisha Vithalpura, and Dr. K.C. Roy, fostering a deeper understanding of astronomy.

Exploring the World of Fungi: A World Fungus Day Expert Talk Prof. Madhusudan

On October 15, 2024, the Department of Health Sciences (Microbiology), IISHLS, hosted an engaging expert talk in celebration of World Fungus Day, drawing over 180 students from IISHLS and IIPR. The session emphasized the vital roles of fungi in ecosystems, medicine, and industry, stressing the need for more research, conservation, and public awareness to tap into their full potential. Students learned about mushroom cultivation and its socio-economic and historical importance in Gujarat, with a documentary further enriching their understanding. The expert speaker encouraged sustainable practices to support fungal ecosystems, ensuring their preservation. The event was successfully coordinated by Ms. Riddhi Joshi.



Exploring Sustainable Fuel Options: Prof. Madhusudan Barot's Groundbreaking Paper on Biogas and Karanja Biodiesel Blends

Prof. Madhusudan Barot recently presented an insightful research paper titled “Experimental Investigation of Biogas and Karanja Biodiesel Blend on the Effect of Performance and Emissions of Dual-Fuel C.I. Engine” at the 9th International Conference on Advances in Energy Research held on September 27, 2024. The paper, published in the Advances in Clean Energy and Sustainability journal (Volume 2, pages 285–303), delves into the impact of biogas and Karanja biodiesel blends on the performance and emissions of dual-fuel compression ignition (C.I.) engines.

This research is part of the conference proceedings and is available through Springer, Singapore. You can access the full paper online with the DOI: https://doi.org/10.1007/978-981-97-5419-9_25. The print ISBN is 978-981-97-5418-2, and the online ISBN is 978-981-97-5419-9. The paper is also part of the Energy and Energy (R0) eBook packages.

Prof. Barot's work explores innovative alternatives for sustainable energy solutions and aims to reduce emissions from traditional fuel sources, contributing significantly to the green energy field.

Empowering Educators for the Future: Prof. Marnish Modi's Participation in NEP-2020 Training Program

Mr. Marnish Modi participated in the "વિકાસ સપ્તાહ - ૨૦૨૪" (Vikas Saptah 2024) initiative, held from October 14-18, 2024, at Nachiketa Hall, Vidya Samiksha Kendra, Gandhinagar. This event, organized by the Gujarat Technical Education Research Society (GTERS) and the Commissionerate of Technical Education (CTE), focused on empowering educators and trainers to implement the National Education Policy (NEP) 2020 in technical and professional institutions across Gujarat.

Key outcomes of the program included:

- A comprehensive understanding of NEP 2020's objectives and the role of technical institutes in achieving them.
- Practical strategies for implementing NEP reforms in educational frameworks.
- Strengthened collaboration among educators in Gujarat.
- Motivation to drive educational innovation and reforms.

Mr. Modi's participation has further enhanced his knowledge and skill set, positioning him to contribute significantly to the future of education in Gujarat.

Present Status and Future of Civil Engineering in India: How to Prepare for the Challenges?



On October 9, 2024, the Civil Engineering Department of the Indus Institute of Technology and Engineering, Ahmedabad, organized an expert session on "Present Status and Future of Civil Engineering in India: How to Prepare for the Challenges?" The session, held in the MBA Seminar Hall from 2:30 PM to 4:00 PM, featured Dr. Sandip Trivedi, Professor and Head of the Civil Engineering Department at Gujarat Power Engineering and Research Institute (GTU). With 37 years of experience, Dr. Trivedi shared valuable insights into the evolving field of civil engineering.

Dr. Trivedi discussed the key roles of civil engineers in infrastructure development and stressed the importance of continuous skill upgrading to remain competitive. He encouraged attendees to embrace modern technologies and adapt to the changing demands of the profession.

The session was attended by 52 students and faculty members and concluded with a vote of thanks by Dr. Ketan Lakhtaria, the event coordinator. Dr. Trivedi was presented with a memento as a token of appreciation. The session proved to be an enriching experience, motivating participants to prepare for future challenges in civil engineering.

Structural Innovation Expo 2024 Shekhar Ganesh Jha, a student from the

The Civil Engineering Department at Indus University successfully organized the "Structural Innovation Expo 2024" on 15th October 2024. The event commenced at 11:00 AM in the Main Foyer of the Bhanwar Building. The primary aim of the exhibition was to enhance the understanding of structural systems among students through hands-on, innovative approaches. The expo targeted students from the B.Design and B.Tech Civil Engineering programs who are currently studying structure-related subjects. Participants were tasked with creating structural models that demonstrated their knowledge and creativity.

The expo was coordinated and supervised by Dr. Ankit Sodha, whose guidance played a crucial role in ensuring the smooth execution of the event.



Exploring Additive Manufacturing: Shekhar Ganesh Jha's Participation in SPARC Workshop



Shekhar Ganesh Jha, a student from the Department of Mechanical Engineering at Indus University, actively participated in the SPARC-sponsored one-week workshop on "Material Characterization, Modelling, and Simulation of Additive Manufacturing". The workshop, organized by the Department of Mechanical Engineering at National Institute of Technology (NIT) Warangal, took place from October 14 to 18, 2024.

This workshop provided an in-depth understanding of the cutting-edge technologies in additive manufacturing, with a focus on material characterization, modeling, and simulation. Shekhar's participation reflects his commitment to enhancing his knowledge and skills in emerging manufacturing technologies that are shaping the future of the engineering field.

Tirth Vijaybhai Patel Shines in NPTEL Course on Design, Technology, and Innovation **Dr. Dhiren Patel, faculty member in the Department of Mechanical**

Tirth Vijaybhai Patel, a student from the Department of Mechanical Engineering, has successfully completed the NPTEL course on "Design, Technology, and Innovation" offered by IIT Bombay. With a remarkable consolidated score of 80%, Tirth secured a place in the top 5% among 1,416 participants.

This achievement highlights Tirth's exceptional dedication to learning and his commitment to mastering the principles of design and technology, which are essential in driving innovation within the engineering field. His performance in this highly competitive course reflects his academic excellence and ability to thrive in rigorous learning environments.



Dr. Dhiren Patel Appointed as Reviewer for Prestigious International Journal **Dr.**

Dr. Dhiren Patel, faculty member in the Department of Mechanical Engineering, has been appointed as a reviewer for the International Journal of Precision Engineering and Manufacturing-Green Technology, an SCIE and Scopus-indexed journal published by Springer with an Impact Factor of 5.3.

This significant recognition underscores Dr. Patel's expertise in the field of precision engineering and green technology, as well as his contribution to advancing academic research in these critical areas. His role as a reviewer will involve evaluating cutting-edge research, helping maintain the journal's high standards of quality and innovation.

Dr. Vineeta Chauhan Honored with Certificate of Appreciation at ITI 2024 Conference

Dr. Vineeta Chauhan, faculty member in the Department of Computer Science, has been awarded a Certificate of Appreciation for her outstanding contributions as a Technical Program Committee Member and Reviewer at the International Conference on Information Technology and Intelligence (ITI 2024). The conference was held from October 14-16, 2024, at Dr. B.R. Ambedkar Institute of Technology, Andaman & Nicobar. Dr. Chauhan's recognition highlights her expertise in the field of information technology and her commitment to advancing knowledge and innovation in the field. Her role in reviewing and evaluating high-quality research papers significantly contributed to the success of the conference.



Exploring the Future of Electric Vehicles: Seminar on EV Design and Simulation



On 27th September 2024, the Department of Electrical Engineering, in collaboration with MathWorks India, organized an engaging seminar on "Electric Vehicle – Design, Simulation, and Control using MATLAB & Simulink". The session, led by Rohit Ranjan Bhattacharjee, a Customer Success Engineer from MathWorks, saw enthusiastic participation from over 70 students and all faculty members of the department.

The seminar focused on a variety of key topics such as:

- An overview of Electric Vehicles (EVs) and their growing significance in the automotive industry
- The application of MATLAB & Simulink in engineering design, particularly in EVs
- Practical design examples of electric vehicles using Model-Based Design (MBD)
- Control systems implementation using PID controllers
- Multi-domain modeling with Simscape

The event was coordinated by Dr. Hinal Shah, from the Electrical Department, and concluded with an insightful Q&A session, allowing participants to delve deeper into the potential and challenges of EV technology.

New Research in Nanosheet FinFET Technology: A Breakthrough in Multichannel Design

Mr. Indr Jeet Rajput, Assistant Professor in the Department of Computer Engineering, IITE, has recently published a research paper titled "Design and analysis of multichannel 10 nm nanosheet FinFET varying space region materials and doping concentrations" in the Journal of Cogent Engineering, Volume 11, Issue 1.

The paper explores cutting-edge advancements in nanosheet FinFET technology, focusing on the optimization of space region materials and doping concentrations to improve the performance of multichannel devices at the 10 nm scale. This work holds significant implications for the development of more efficient, high-performance semiconductor devices.



Innovative Heart Disease Prediction Model Using AI: A Step Towards Healthcare Transformation



Mr. Indr Jeet Rajput, Assistant Professor in the Department of Computer Engineering, IITE, has published a research paper titled "A Heart Diseases Prediction Model using Machine Learning and Deep Learning Techniques" at the 4th International Conference on Computational Methods in Science and Technology (ICCMST), held from May 2-3, 2024, in Mohali, Punjab, India.

The paper focuses on leveraging Machine Learning and Deep Learning techniques to develop a predictive model for heart disease, marking an important step towards enhancing healthcare diagnostics through technology.

Expert Jurors Illuminate Architectural Design Review at Indus University

In an insightful architectural design review session, architects and academics Jahnvi Bhatt, Pathik Gandhi, and Saumil Mevada provided valuable input as external jurors, alongside visiting faculty Rushank Mehta. Additionally, Dr. Naresh Chhatwani shared his expert perspectives, enriching the session with his insights.

The event was meticulously coordinated and conducted by Manisha Jain, Rakshith Chhatrala, and Vishal Chudgar, who ensured smooth proceedings and a constructive critique environment. This session offered a platform for students to refine their designs, receiving expert feedback to enhance their architectural vision.



Expert Jurors Guide Semester-9 Students at Mid-Semester Jury



The Mid-semester Jury for Semester-9 students at Indus University was an enriching experience, featuring eminent professionals such as Kiran Vaghela, Hardik Pandit, and Ashish Trambadia as external jurors. Their valuable insights and feedback played a crucial role in refining the students' work.

The session was efficiently coordinated and conducted by Dr. Naresh Chhatwani, Pratik Zaveri, and Priyanka S., ensuring a smooth and productive review process. This collaborative critique helped students to elevate their design projects and gain professional perspectives to enhance their academic journey.

Exploring Creativity Through Scissors: New Elective for Interior Design Students

A newly introduced elective titled "Creative Cutting Techniques" is offering Interior Design students an innovative opportunity to hone their skills in the art of cutting with scissors. This hands-on course encourages students to delve into the creative process, experimenting with form, shape, and texture. By engaging with this foundational yet versatile technique, students are able to transform raw materials into intricate designs and patterns.

The elective not only refines technical abilities but also sparks innovative thinking, showcasing how simple tools like scissors can serve as instruments for crafting complex and visually compelling designs. This experience emphasizes the importance of mastering basic techniques as a stepping stone to developing advanced design skills, offering a fresh perspective on the world of craftsmanship.



Unlocking the Future of AI: A Workshop on Artificial Intelligence Fundamentals

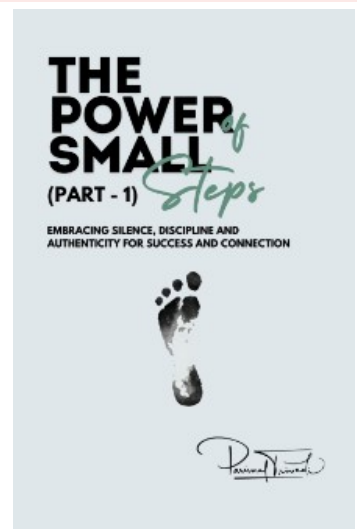


On October 17, 2024, the Association of Computer Science and Information Technology (ACSIT), in collaboration with DCS and IICT, hosted an insightful workshop on Artificial Intelligence (AI) in the MBA Seminar Hall. Led by AI expert Chetan Sharma, the workshop explored the foundational principles of AI, tracing its evolution and diving deep into the complexities of "black box" models. These models, despite their impressive predictive abilities, often present challenges in interpretability, making them a focal point of discussion.

The event, organized under the guidance of Dr. Akshara Dave, Ms. Honey Shivani, and Mr. Parimal Trivedi, was met with enthusiasm by students, who were left inspired and eager to explore the transformative potential of AI in the years to come.

"The Power of Small Steps" – A Journey to Personal Growth by Prof. Parimal Trivedi

On 20th September 2024, Prof. Parimal Trivedi released his much-anticipated book titled "The Power of Small Steps (Part I)". This self-help guide emphasizes the importance of taking small, consistent actions toward personal growth. Focusing on themes such as resilience, discipline, and authentic self-discovery, the book offers practical strategies for readers to build a solid foundation for meaningful progress in their lives. Dr. Nagesh Bhandari, President of Indus University, shared his praise for the book, expressing his enthusiasm after reading the first two chapters. Each chapter of the book encourages readers to make gradual, impactful changes, turning everyday life into an ongoing journey of self-improvement and growth.



Karate Championship



Om ChetanKumar Parmar (IU2452000080) student from IIMS (MBA Batch 2024) Semester-I won the gold medal at the 18th All Gujarat state level Shito Ryu Karate championship 2024 on 2nd October 2024.

The Rise of AI in Education: Revolutionizing Learning in the Digital Age

Artificial Intelligence has grown rapidly into a cornerstone of modern technology, seeping into practically every segment-from health to entertainment. Education, traditionally considered a conservative sector, is now embracing the AI-driven innovation that is setting a new dimension in the learning experiences for both students and educators.

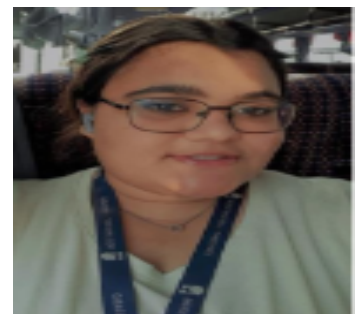
AI can also find its application in learning personalized for students. Algorithms analyze the pattern of learning a student follows, his strengths, and weaknesses to tailor-make educational contents to suit the student's requirements. Instead of the 'one-size-fits-all' approach, students now receive customized lessons, exercises, and feedback aimed toward optimizing their learning process. This doesn't just make education more efficient, but empowers a student to be able to learn at his own pace.

AI-powered tools also bring in a revolution in administrative tasks like making powerpoint presentations interactive, management of schedules etc can be done on streamlined AI systems that take a great deal of the administrative burden off educators' shoulders. This frees up the teacher to devote more time to what really matters: teaching and mentoring the students.

Another trend that is now emerging and will continue to reshape ways in which students interact with education resources is the uprising of chatbots and virtual assistants. Be it answering real-time questions or walking students through course material, AI assistants provide instant support, extending the learning environment beyond the classroom.

On the other hand, challenges associated with AI in education also occur. Privacy concerns, the digital divide, and over-dependency on technology outline critical issues that need to be addressed while considering the responsible use of AI. As AI will keep on evolving, so does the promise it holds for a more accessible, more engaging, and more effective educational experience. This is a moment of transformation both for the students and educators wherein technology isn't just a tool; it's a partner in learning.

Written by: Pranjalee Prajapati IU228400003 IMBA [4 yrs], Sem 5, Indus Institute of Management Studies(IIMS)





Dr. Rootvesh Mehta,
HoD Mathematics, ISHLS,
Indus University

Dr. Rootvesh Mehta, HoD Mathematics, ISHLS

Dil se baat karoge toh dil tak zaroor pahuchengi

1. Sir, tell us about yourself.

I was born in Dholka. I did my secondary education from Viramgam, thereafter 11th and 12th Science from Dholka. I did my B.Sc. in Mathematics from R. G Shah Science College, Gujarat University. M.Sc. in Mathematics from Department of Mathematics, Saurashtra University, Rajkot. Then Postgraduate Diploma in Mass Communication from Hiramani Institute of Media, Ahmedabad. B.Ed. in Mathematics and Science from STT College, Kheda, Gujarat University and Ph. D in Mathematics from Indus University.

2. You mentioned your interests to be in Mathematics and Mass communication. How did you develop a liking for Mathematics and writing?

I have been writing and maintaining a diary from my early childhood. Apart from writing about life, I loved reading books and writing movie reviews and book reviews. I have a library at my home with a collection of around 5000 books and magazines. I wanted to be a column writer in newspaper and so I joined PG Diploma in Mass Communication course.

Within a month of joining media course I started writing as freelance writer for Jaihind Newspaper in 2005. I wrote my first article titled “Zindagi Etle Jeevta Hovani Maja.” That was one of the most memorable event of my life.

I like to write philosophical essays and informative articles on Science & Technology. I joined Loksatta-Jansatta Gujarati Daily Newspaper as trainee journalist. There I got opportunity to write informative articles and interested stories of Ahmedabad on daily basis. I got offered to write a weekly column on Science & Technology and the journey of my column writing started. My first column titled “Vigyanvrut” based on Science & Technology in Sunday supplement of Jansatta-Loksatta Newspaper got started and there I wrote around 60 plus articles. There were few writers on Science & Technology in Gujarati at that time and right now also. So I got opportunity to write in Divya- Bhaskar News Paper, Namaskar Magazine. Jansatta offered me a fulltime job which I refused as my dream was to be in Academics.

I got silver medal in PG diploma course from Honorable Governor of Gujarat Late Naval Kishor Sharma. I went to Rajkot in 2006-07 for M.Phil. where I started writing weekly column titled ‘Lajavaab’ in Wednesday supplement of a daily newspaper ‘Phulchaab’ with high integrity and credibility in entire Saurashtra. There I got freedom to write on any topic of my choice and my dream came true about to write in ‘Phulchaab’. During that time also, I worked as a journalist with ‘Saanj Samachar’ for 6 months. Thereafter with strong inclination for teaching I joined Indus University in August, 2008 in Science and Humanities department. I have been associated now for almost 16 years with Indus.

3. Who has been your motivator in life?

My father and my uncle who were excellent teachers have been my strongest motivators. My passion for teaching is due to them.

4. How do you manage teaching Mathematics to students of different caliber?

With my background in journalism, I'm using storytelling to explain mathematical concepts. This method makes learning math fun and easier for students, helping them visualize the ideas more clearly. It also makes the concepts easier to understand and shows how math is used in real-life applications.

5. What do you enjoy the most in teaching? How do you make your classroom teaching interesting?

I truly enjoy being around young minds and find great joy in teaching. There's something special about working with chalk and duster that I love. Solving complex problems, explaining abstract concepts, and guiding students through different methods is something I find incredibly enjoyable. For me, each one-hour lecture feels like just one minute, which truly reflects my passion for teaching. The excitement of helping students understand and overcome challenges makes every moment in the classroom rewarding. I believe in education with care and empathy. My goal is not only to teach academic knowledge but also to impart important values and encourage open-mindedness. I aim to inspire students to think critically and see the bigger picture. To enrich their learning beyond the classroom, I share recommendations for good movies, books, and personal experiences, helping them connect lessons to real-life insights and broaden their horizons.

6. You have been with Indus university since last 16 years. What are the major changes you have seen in the university?

When I joined there were around 35 staff members and we had 4 engineering branches. I have been a witness to the success story of our university and seen increase from 300 students to more than 10000 students.

7. You are very popular with students. Share the relationship that you share with your ex-students.

As a professor, I'm fortunate to have built lasting relationships with many of my former students. Our bond goes beyond the classroom. I strive to create an environment where students feel valued, understood, and encouraged to grow—not just academically but personally as well. Many of my ex-students stay in touch long after they've graduated, whether it's to seek advice, share their achievements, or simply check in. It is very surprising that when I go for trips- be it Jalandhar in Punjab or Dharamshala in Himachal Pradesh I have met my students there unexpectedly. These encounters provide a wonderful opportunity to catch up and reconnect, even after many years.

8. Please let us know about your family.

In my family, I have my father, wife, son, and daughter. Watching my children grow has been one of the greatest joys of my life and enjoying childhood of them. I take them on trips on Saturdays and Sundays, so they can experience the beauty of nature and spend less time in front of screens. I believe these outings help them connect with the world around them and create lasting memories. I lost my mother in August, 2022 and her passing has been deeply felt. Despite her absence, she left me with invaluable lessons that continue to guide me. One of the most important lessons she taught me was the ability to endure life's pain without complaint. She showed me the importance of building resilience in the face of hardship. My mother also instilled in me the virtues of adaptability, acceptance, gratitude, and forgiveness—principles that I carry with me every day.

9. Describe your interests and hobbies.

I'm a foodie and love trying different cuisines from across India. I enjoy exploring new flavors and regional dishes. I also love watching sports, especially tennis, cricket, and football, and I find music and cultural events deeply enriching. I enjoy listening to Gujarati folk music, bhajans, and speeches, and attending literary events when I can.

Spirituality is important to me, and attending an 11-day Vipassana meditation retreat in 2007 in Rajkot was a transformative experience. It changed how I see life. I also practice self-reflection for about half an hour each day, which helps me stay balanced.

I'm inspired by the teachings of Shri Krishna and the Shrimad Bhagavad Gita, as well as the lives of Sardar Patel and Mahatma Gandhi, whose values of resilience, leadership, and integrity guide me in my own life.

10. Your message for readers.

Kuch is tarah se maine khudko aazad kiya,
Kuch se maine maufi maangi, kuch ko maine mauf kiya.

કોઈ તારું વાટશે, કોઈ તળિયા ચાટશે
તું તમાં ના લેશ કર, ખેલતો જા તું ટેશ કર.





The team acknowledges the special contribution of Parekh Vansh (IMCA, Semester - 8) who designed the current edition - Volume 18 newsletter. His designing skills and dedication towards work is par excellence.

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Happy New Year 2025

May the coming year bring you warmth,
love, and abundant opportunities for
growth and success.