



i360 NEWSLETTER
2024
Volume 15 - July

In Spotlight
Dr. Hinal Shah
Assistant Professor
Electrical Engineering Department
Indus University



"Honoring Excellence:WIIA's Tri-Batch Convocation Celebration"

The convocation ceremony for the 31st, 32nd, and 33rd batches of WIIA was held on July 13, 2024, in the Indus University auditorium. During the event, 55 students received medals, trophies, and Certificates of Recognition (C of R) presented by Director Ms. Radhika Bhandari, Presidential Secretariat Dr. Ritu Bhandari, Vice President Dr. Sandeep Chakravorty, and Training Manager Mr. Mithun Dey. The ceremony featured Capt. Niral Shah, a pilot with Air India, as the Chief Guest.



"Immersive Learning:Aviation Workshop Brings Virtual Reality to Life"

On July 11th and 12th, 2024, WIIA and IIATE hosted a two-day workshop with 26 students participating. The workshop covered aircraft engines, their functions, and various systems. A highlight of the event was the Virtual Reality System, allowing students to explore and navigate different components and systems virtually. The workshop was led by Mr. Ajay Surti, Head of the India Customer Training Centre, along with his team.

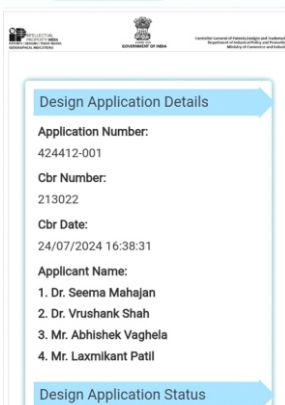


"A Journey Through Aircraft Engines: Students Experience VR Magic"

WIIA and IIATE are thrilled to announce that Ms. Radhika Bhandari's innovative initiative to introduce Cyber Security in Aviation courses was featured in Divya Bhaskar on July 28, 2024. This significant achievement highlights her visionary leadership and dedication.



"Innovative Breakthrough: Patent Granted for Portable IoT-Connected Incubator"



Dr. Seema Mahajan, Dr. Vrushank Shah, and Mr. Abhishek Vaghela have successfully secured a design patent for a Portable IoT-Connected Incubator with the Patent Office, India. This achievement is a key milestone in their ongoing research under the GUJCOST-funded project.

Your present circumstances don't determine where you can go; they merely determine where you start.

“AIKYAM: A Celebration of Creativity and Cultural Fusion at Indus Design School from 18th to 20th July”

Day 1

The highly anticipated Aikyam, a student-led design festival at Indus Design School, began with great enthusiasm and fanfare. The day kicked off with an auspicious inauguration ceremony, where the honorable directors lit the Diya, symbolizing the dispelling of darkness and the ushering in of creativity and knowledge. This set the tone for a day filled with inspiration and innovation, featuring a mesmerizing classical dance performance and a dynamic musical show that captivated the audience. Attendees explored the vibrant flea market and participated in interactive workshops, fostering collaboration and hands-on learning.

Day 2

The second day of the AIKYAM Design Festival was marked by an inspiring opening ceremony and a thought-provoking panel discussion on the theme "Cinema Beyond Bollywood," moderated by Mr. Prabodh Mishra. Esteemed panelists Mr. Ranjan Ummakrishnan, Mr. Sankhajit Biswas, and Mr. Hirav Trivedi shared their insights, captivating the audience with diverse perspectives on Indian cinema. The event also included a captivating screening of student films from various institutions, showcasing emerging talent and innovative storytelling. The winners of the student film competition were announced, highlighting the festival's dedication to nurturing young filmmakers.

Day 3

The final day featured the much-anticipated fashion show hosted by Indus Design School. This event transcended a mere display of garments, presenting a compelling narrative of cultural confluence and artistic innovation. The intricate detailing on the heritage pieces mesmerized the audience, while the fusion designs sparked insightful conversations about the future of fashion. Western designs, noted for their impeccable tailoring and modern aesthetics, garnered widespread acclaim. The grand finale was a spectacular highlight, featuring all the designers and models on stage amidst applause and cheers. The show concluded with a powerful message of inclusivity and the celebration of cultural diversity through fashion, leaving the audience with a sense of unity and inspiration.



"Faculty Engage in Cutting-Edge Sustainable Design Training"

Professor Dr. Monika Gupta and Architect Naitik Vakharia participated in an online Faculty Development Program (FDP) titled "Emerging Technologies in Sustainable Building Design" from July 8 to July 12, 2024. This program was a collaboration between the MBS School of Planning and Architecture and the Council of Architecture Training and Research Center (COA-TRC) Pune. The sessions were directed by Prof. Jayashree Deshpande, Director of COA-TRC Pune, coordinated by Prof. Vandana Balakrishnan, Head of Academics at MSAJAA Chennai, and sponsored by the COA-TRC.



Shimla Urban Narratives: Indus University Students Showcase Filmmaking Talents

As part of the Summer Collaborative Program 2024 at IIDEA, Indus University, 13 students from various semesters participated in an outstation program titled "Urban Narratives: Perception Development and Filmmaking of the City of Shimla, Himachal Pradesh."

Collaborative Knowledge Sharing: This 10-day study program, conducted by Indus School of Architecture, IIDEA, in collaboration with The Space Tracing Company, was led by architect and filmmaker Karan Gajjar. It was designed and coordinated by Assistant Professor Ar. Naitik Vakharia with external guidance from Ar. Girisha Gajjar of Raasa Architects, under the supervision of Dr. Naresh Chhatwani, Head of Department, IIDEA.

Contextual Work Exhibition: The program concluded with a film screening and work exhibition at the Gaiety Heritage Cultural Complex, Lalit Kala Academy, Shimla, on June 20, 2024. The exhibition showcased the students' filmmaking skills and personal insights into Shimla's urban life.

Prof. (Dr.) Avadhesh Kumar Gupta, Dean-Academics and Dean-Computer Applications at CGC Jhanjeri (Punjab), interacted with the students and praised their achievements. He even posted a video on LinkedIn and Facebook.

Smt. Sarojini Sharma, Architect-in-Chief of the Himachal Pradesh Public Works Department and Director of Tourism and Civil Aviation, H.P. Shimla (2017-18), visited the exhibition along with other practicing architects in Himachal. She appreciated the students and faculty members for their initiative and extended her best wishes.



"Building Futures: Hands-On Experience with Alternative Construction Techniques in Kerala"

Assistant Professors Pratik Zaveri and Priyank S organized a 9-day hands-on collaborative program in partnership with Kesarjan – Building Center PVT. LTD at Kerala GIDC, running from June 17 to June 25, 2024. The program focused on educating students about alternative construction materials and technologies, including soil, fly ash, and lime. Participants gained firsthand experience in constructing walls, arches, and vaults.



"Dr. Falguni Tandel Delves into Pharmaceutical Innovations at STTP"



Dr. Falguni Tandel, Principal of IIPR, participated in a Short-Term Training Program (STTP) on "Pharmaceutical Applications of Chemical Engineering," organized by the Department of Chemical Engineering at S. V. National Institute of Technology, Surat. The program took place from July 1 to July 5, 2024, focusing on the latest advancements and applications in the field.

"Exploring the Future: IoT Innovations in Pharmacy with Dr. Madhukant Patel"

Indus Institute of Pharmacy and Research hosted a compelling expert session on June 10, 2023, focusing on "IoT (Internet of Things) Enabled Pharmacy." Dr. Madhukant Patel, former ISRO scientist and MD of Reve Automation LLP, Ahmedabad, led the session, exploring how IoT is revolutionizing the pharmaceutical industry with cutting-edge technologies. Following the insightful talk, a dynamic practical session allowed students to engage directly with Dr. Patel, enhancing their learning experience. A total of 75 students attended the session, which was coordinated by Mr. Nitin Upwar under the guidance of Dr. Falguni Tandel.



"Uday Patadiya Joins Prestigious Journal as Reviewer"



Mr. Uday Patadiya, Assistant Professor at IIL, has been appointed as a Reviewer Member for the International Journal of Novel Research and Development, effective July 4, 2024.

"If you don't like something, change it.
If you can't change it, change your attitude. Don't complain."

"Welcoming the Future: Diksharambh – 2024 Sets the Stage for New Indus Law Students"

Indus Institute of Law hosted a successful Diksharambh – 2024 induction program for new students on July 15, 2024. CS Vihasi Shah, Assistant Professor at IIL, led the event with an informative presentation on the university's goals, objectives, mission, vision, and achievements. The program also included an overview of the curriculum and introductions to the faculty. Following this, Head of Institute Dr. Priya Khandivar extended a warm welcome to the new students and wished them a bright future ahead.



"Deeksharambh 2024: Empowering New Engineering Students at IITE July 20, 2024"

The "Deeksharambh" induction and student empowerment program for first-year diploma engineering students at Indus Institute of Technology and Engineering (IITE), Indus University, was a resounding success.

- Students and parents were introduced to the Indus University system, including departments, labs, and facilities.
- Attendees had the chance to meet faculty, staff, and fellow students.
- The curriculum, extracurricular activities, and support services were thoroughly detailed.
- Key addresses were delivered by Prof. (Dr.) Ishbir Singh, Director of IITE, Dr. R.K. Singh, Registrar, and the distinguished Chief Guest, Prof. (Dr.) Kiran Parmar, Retd. Professor GTU.
- Presentations on university rules, the syllabus, timetable, and examination system were well-received.
- Students explored campus life, including clubs, festivals, and sports, through the Dean of Student Affairs.
- The event wrapped up with a campus tour and a group photograph.

We extend our gratitude to everyone who participated and supported the successful execution of this event.



"Exploring Indian Standards: A Deep Dive with BIS Expert Mr. Ishan Trivedi"

The Department of Electronics and Communication/Electrical Engineering hosted an engaging session on Indian Standards on July 15th, led by Mr. Ishan Trivedi, Scientist-D and Joint Director at the Bureau of Indian Standards (BIS), Government of India. Held from 3:00 to 5:00 PM, the session attracted over 50 students from the CIVIL, ECE, ICT, and EL branches. Mr. Trivedi offered an in-depth exploration of various Indian standards, including ISI and AGmark, emphasizing their crucial role and application across different engineering disciplines. The session provided students with valuable insights that not only enriched their academic understanding but also underscored the importance of standardization in professional practice.



"From Sand to Silicon: A Deep Dive into Semiconductor Futures with Intel's Ankit Gopani"

The Department of Electronics and Communication hosted an enlightening lecture titled "Sand to Silicon Process: Semiconductor is the Future," delivered by Mr. Ankit Gopani, Senior Manager at Intel, California, USA. Held today, the session drew over 60 students, offering profound insights into semiconductor design and verification. Mr. Gopani shared essential skills for a career in the semiconductor industry and navigated the intricate semiconductor design flow. The session was highly interactive, with students actively participating and providing valuable feedback, making it a truly enriching experience for everyone involved.

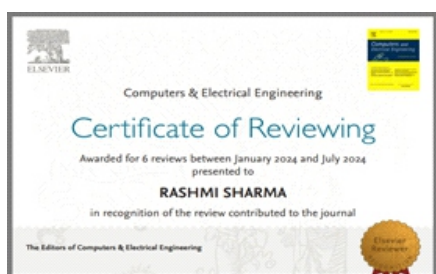


"Dr. Vineeta Chauhan and Dr. Rashmi Sharma Earns Recognition in Clean and Green Technologies"

Dr. Rashmi Sharma and Dr. Vineeta Chauhan were awarded a certificate of participation for her successful completion of the AICTE-recognized one-week Faculty Development Programme on "Clean and Green Technologies for Environmental Sustainability." The program, conducted by the Electrical Engineering Department at NITTTR, Chandigarh, highlighted advancements in sustainable technologies.



"Dr. Rashmi Sharma Recognized for Excellence in Peer Reviewing for Elsevier Journal"



Dr. Rashmi Sharma, Assistant Professor in the Electrical Engineering Department, has been awarded a certificate of appreciation for her role as a reviewer for the Elsevier Journal "Computers & Electrical Engineering" in July 2024. Her contributions to the peer review process have been recognized for their excellence and impact.

"Dr. Vineeta Chauhan Honored for Contributions to World Congress on Smart Computing"

Dr. Vineeta Chauhan has been awarded a Certificate of Appreciation for her role as a Technical Program Committee Member and Reviewer at the World Congress on Smart Computing. The event was held at the Artificial Intelligence Smart Centre, Babu Banarsi Das University, Lucknow. Her contributions were recognized for significantly enhancing the congress's technical discussions and evaluations.



"Dr. Jaydeep Chakaravorty's Cutting-Edge Research on Power Quality Published in VDI-Z Journal"



Dr. Jaydeep Chakaravorty, Ms. Yashoda Perkar published a research paper titled "Enhanced Power Quality in Hybrid Power System with DSTATCOM for Grid Connection" in Scopus Indexed VDI-Z Integrierte Produktion Journal in Volume 11, Issue 6, June 2024.

Dr. Jaydeep Chakaravorty, Ms. Yashoda Perkar published research paper titled "Improve the Power Quality in PV and Wind Power Energy System using DSTATCOM in Scopus Indexed VDI-Z Integrierte Produktion Journal in Volume 11, Issue 6, June 2024.

"Dr. Sweta Shah's Cutting-Edge Research on Power Quality Published in VDI-Z Journal"

Dr. Sweta Shah Published a paper on "Analysis and Evaluation of Energy Conservation Potential through measurement and control system in district cooling system: A case Study GIFT City, Gujarat." VDI-Z Integrierte Produktion Journal, UGC CARE, Scopus Indexed journal.

Dr. Sweta Shah published research paper on "Elimination of Lower Order Harmonics in Modified Reduced Switched 7-Level Multilevel Inverter Using Artificial Neural Network." International Journal of Intelligent Systems And Applications In Engineering, Scopus Indexed journal, 2024.



"Mastering Data: Insights from the Indus University Analytics Bootcamp"

The Computer Science and Engineering Department at Indus University hosted a comprehensive Data Analytics Bootcamp from June 10 to June 22, 2024, led by Mr. Hiren Mer and Ms. Madhvi Bera. This certification course, attended by 72 enthusiastic participants, aimed to enhance data analytics skills through in-depth training in Advanced Excel, SQL, Python, and Power BI. The program featured sessions conducted by seven distinguished experts, including Dr. Dulari Bhatt, Mr. Chirag Bhatt, Dr. Sejal Bhavsar, Mr. Akash Padhiyar, Dr. Dhaval Maheta, Dr. Sheshang Degadwala, and Mr. Urmay Shah. Coordinated by Ms. Sweta Rathod, Ms. Foram Gohel, Ms. Shruti Jaiswal, and Ms. Babita Patel, the bootcamp combined theoretical lessons with practical exercises. Key highlights included exploring the four primary types of data analytics—descriptive, diagnostic, predictive, and prescriptive—each providing valuable insights to support data-driven decision-making.



"Unlocking the Future: Insights from the Industrial Internet of Things (IIoT) FDP"

The Faculty Development Program (FDP) on Industrial Internet of Things (IIoT), held from June 3 to June 7, 2024, and led by Prof. Toral Desai, explored the transformative impact of interconnected devices, sensors, and machines in industrial environments. IIoT facilitates real-time monitoring, predictive maintenance, and process automation, enhancing efficiency, productivity, and decision-making while driving innovation across sectors such as manufacturing, energy, and transportation. Key highlights of the program included IIoT's robust security measures to safeguard data, the capability for remote equipment control, and the vast amounts of data generated by IIoT devices, all contributing to optimized operations and reduced downtime.



“Welcoming the Future: Deeksharambh Orientation for CSE Batch 2024-28”

On July 28, 2024, the Computer Science and Engineering (CSE) Department of IITE, Indus University, hosted a comprehensive orientation session for the new Batch of 2024-28. Organized by Dr. Sheetal Pandya and Ms. Madhvi A. Bera, the event was designed to familiarize students and their parents with the university's environment, campus, and academic offerings. From 9 a.m. to 4 p.m., the day included registration, a prayer session, introductions to key university authorities such as Dr. Ishbir Singh (Director, IITE), Dr. R.K. Singh (Registrar), and others. Highlights included a detailed department presentation, a campus tour, and an expert talk on motivation, providing a well-rounded introduction to university life and academic expectations.



“Deeksharambh 2024: A Grand Welcome for New Undergraduates at Indus Institute”

The Department of Computer Science at Indus Institute of Information and Communication Technology hosted a vibrant orientation event, "Deeksharambh 2024," on June 29, 2024. Designed for new students across BCA, BSc (CA & IT), BSc CS (AI and ML), BSc Data Science, and BSc Cyber Security programs, the full-day event welcomed over 150 students and their parents with great enthusiasm. The day began with a Saraswati Vandana, followed by inspiring speeches from university dignitaries. Guest speaker Ms. Gladis Nair, Sr. Manager- L&D at iCreate, emphasized leadership and academic dedication, while HG Dev Pujya Nimai Das and HG Dharmasetu Gaur Prabhu from ISKON Ahmedabad discussed the "Pillars of Leadership." After refreshments, students attended sessions on various departmental aspects, including examinations, mentoring, and alumni interactions. The day concluded with a campus tour led by student volunteers and faculty, marking a successful start for the new academic journey.



"Deeksharambh 2024: A Grand Kickoff for MCA and MSc Postgraduates at IICT"

On July 15, 2024, the Department of Computer Science at Indus Institute of Information and Communication Technology (IICT) hosted an engaging orientation program, "Deeksharambh 2024," for its new MCA, MSc-IT, and MSc Cyber Security postgraduates. The day began with a Saraswati Vandana, attended by all the dignitaries of Indus University and featured a keynote address from Dr. Indira Nityanandam, Retired Principal of Smt. S.R. Mehta Arts College, Ahmedabad. Prof. (Dr.) Rajeev Mathur, Director of IICT, delivered the welcome speech, followed by heartfelt remarks from Dr. Sandeep Chakravorty, EP of Indus University, who reminisced about his college days. The program also included a thank-you note from Ms. Bhavna Hotchandani, HoD of IICT. Sessions covered department introductions, faculty meet-and-greets, and a campus tour. The event, managed by Dr. Akshara Dave, Mr. Vivek Dave, and Mr. Parimal Trivedi with support from faculty and student volunteers, saw enthusiastic participation from nearly 120 students and 15 parents, all of whom enjoyed a meal and provided positive feedback, making the orientation a resounding success.



"Bridging the Gap: Essential Foundation Course for New Postgraduate Students at IICT"



The Department of Computer Science at Indus Institute of Information and Communication Technology (IICT) conducted a comprehensive bridge course for its newly enrolled postgraduate students (MCA, MSc-IT, and MSc Cyber Security) from July 16 to July 24, 2024, running weekdays from 8:00 AM to 12:30 PM. Designed to solidify foundational knowledge, this annual course helps students grasp core IT concepts essential for their programs.

Faculty members, each bringing their expertise, covered key subjects such as Database Management Systems, Operating Systems, Mathematics, Software Engineering, and Programming Languages (C, Java, Python). Additionally, topics like Fundamentals of Networking, Web Technologies, Research Paper Writing, and Command Line Programming were included. The course concluded with a mandatory multiple-choice test, ensuring that all students could demonstrate their understanding of the material.

"Empowering Innovation: ICSII Sensitization Session Sparks Entrepreneurial Spirit in MCA Students"

On July 25, 2024, the Department of Computer Science at IICT hosted an enlightening ICSII Sensitization session for first-semester MCA students. This informative session, led by Assistant Professor Ms. Mansi Mehta, explored how the ICSII (Indus Centre for Startups and Innovation Incubation) can support students in realizing their entrepreneurial ideas, including guidance on IPR registration and patent filing. Attendees also learned about the ICSII proposal process and were inspired by success stories of student startups that received ICSII funding. The session aimed to equip students with the knowledge and tools needed to transform their innovative ideas into successful ventures.



"Mastering Data: Ms. Bhavana Hotchandani Completes 'Google Analytics for Beginners' Course"

Ms. Bhavana Hotchandani, Head of the Department at IICT, proudly completed the "Google Analytics for Beginners" course from Google Analytics Academy on June 24, 2024. This achievement underscores her commitment to staying at the forefront of data analytics and enhancing her skills in this essential tool for digital marketing and performance measurement.



"Breaking New Ground: Ms. Bhavana Hotchandani Completes Advanced Data Science and Analytics Course"



Ms. Bhavana Hotchandani, Head of the Department at IICT, has successfully completed the online certificate course "Advanced Data Science and Analytics: A Comprehensive Hands-on" from May 27 to July 9, 2024. This course, conducted by Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT) and funded by The Centre for Entrepreneurship Development (CED), a Government of Gujarat organization, highlights her dedication to advancing her expertise in data science and analytics.

"Unlocking Machine Learning: An Online Journey with Python"

Ms. Madhvi Bera, Assistant Professor at Computer Science Engineering department has successfully completed & attained B grade for the online certificate course "Introduction to Machine Learning with Python" from January 5th, 2024 to April 20th, 2024. This course, conducted by Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT) and funded by the Centre for Entrepreneurship Development (CED), a Government of Gujarat organization, reflects her enthusiasm for expanding her knowledge of Machine Learning and Python.



**Team i360 Welcomes all students of
Batch 2024 to Indus University**

“Embracing Innovation: Dr. Rajesh Ojha and Dr. Daisy Kurien Enhance Skills in AI and Emerging Trends”

Dr. Rajesh Ojha and Dr. Daisy Kurien, Associate Professors at IIMS, participated in the one-week online Faculty Development Programme titled "Transformative Pathways: AI & Emerging Trends in Teaching & Research" from June 24 to June 30, 2024. Organized by the School of Management at Avantika University in collaboration with the Research Foundation of India, the program featured a range of esteemed speakers who explored the impactful role of Artificial Intelligence in advancing education and research.



“Inspiring Beginnings: Deeksharambh 2024 Welcomes MBA Freshers with Visionary Guidance”

On July 18, 2024, the Deeksharambh Program for our MBA first-year students set a tone of inspiration and excitement. The event featured esteemed dignitaries, including Executive President Prof. Dr. Sandeep Chakravorty, Executive Vice President Dr. Ved Vyas Dwivedi, Registrar Dr. R.K. Singh, Deputy Registrar Dr. Suketu Jani, and HOD IIMS Dr. Umang Patdiwala, who delivered motivational speeches to ignite passion and enthusiasm among the students. Special thanks were extended to Deep Mehta, Branding Strategist & Corporate Trainer, for his energizing address. The ceremony began with a Lamp Lighting Ceremony and Saraswati Vandana, and concluded with the National song, capturing moments of anticipation and unity.



"Global Innovation: Indus University Team Secures UK Design Patent for Advanced Semiconductor Device"

Dr. Krishna Chandra Roy, Dr. Ved Vyas J Dwivedi, and other esteemed Deans of IISHLS, Indus University, have achieved a significant milestone by securing a UK Design Patent. The patent, numbered 6375372, was granted on July 8, 2024, and is titled "Energy Band Gap Optimization Device for Advanced Semiconductors." This innovative device represents a significant advancement in semiconductor technology, underscoring the university's commitment to cutting-edge research and development.



"Welcome Aboard: IISHLS Induction & Empowerment Program 2024 Sets the Stage for New Beginnings"



On July 15, 2024, the Indus Institute of Sciences, Humanities, and Liberal Studies (IISHLS) hosted the Induction & Empowerment Program-2024 in the Auditorium of the Indus University campus from 10:00 AM to 3:25 PM. This event warmly welcomed over 60 new undergraduate and postgraduate students, along with their parents. The ceremony was honored by the presence of key figures including Honourable Executive President Prof. Dr. Sandeep Chakravorty, Executive Vice President Prof. Dr. Ved Vyas Dwivedi, Registrar Dr. R.K. Singh, Deputy Registrar Dr. Suketu Jani, and Dean Dr. Krishna Chandra Roy. Dr. Indira Nityanandam, Retired Principal of Smt. S.R. Mehta Arts College and Director of Bharatiya Bhasha Sanskriti Sansthan, delivered an inspiring talk on the significance of communication skills. The program, coordinated by Mr. Ghanshyam Malviya and Mr. Mayur Savaliya, aimed to familiarize new students with the university's facilities, academic curriculum, and key resources such as libraries and laboratories. Students also received insights into ERP usage, SAC activities, and placement and training opportunities. Thanks to the dedicated efforts of faculty and student volunteers, the induction program was a resounding success, setting a positive tone for the students' academic journey.

"Mathematics Lecturer's Groundbreaking Research on Inventory Optimization Published in Scopus-Indexed Journal"

Ms. Dharti Arvadiya, Lecturer in the Department of Mathematics at IISHLS, has made a significant contribution to the field with her latest research paper titled "Optimal Inventory Decisions for Deteriorating Items with All-Units Discount Under Fuzzy Environment." Published in the esteemed 'Journal of Mechanics of Continua and Mathematical Sciences' (a Scopus-Indexed journal), this paper explores innovative approaches to inventory management under uncertain conditions. The article is available for access through the DOI: [10.26782/jmcms.2024.07.00003](https://doi.org/10.26782/jmcms.2024.07.00003).



"Catalytic Advances: Dr. Rawesh Kumar's Groundbreaking Research on Methane Oxidation"

Dr. Rawesh Kumar, Associate Professor, Chemistry, IISHLS has published a research article entitled "The role of ceria in promoting Ni catalysts supported on phosphate-modified zirconia for the partial oxidation of methane" in SCI index international journal "Energy Science and Engineering" (Publisher: Wiley, Impact Factor: 3.5).



"Exploring New Frontiers: Dr. Nisha Thankachen's Latest Research on Magnetodielectric Properties"



Dr. Nisha Thankachen, Assistant Professor in the Physics Department at IISHLS, has published a groundbreaking research article titled "Magnetodielectric Properties of Dilute Ni Substituted $\text{Ba}_{0.6}\text{Sr}_{0.4}\text{TiO}_3$ Ceramics" in Applied Physics A for July 2024. This study, accessible via DOI 10.1007/s00339-024-07768-1, delves into the advanced magnetodielectric characteristics of modified ceramics, marking a significant contribution to the field of applied physics. Congratulations to Dr. Thankachen on this remarkable achievement!

NCC Selection Success: "Cadet Cadence at Indus University"

The NCC selection process at Indus University reached a successful conclusion on July 16, 2024. Out of 250 initial registrants, 120 cadets were selected based on rigorous performance and evaluation criteria. The event was efficiently managed with the support of 25 dedicated volunteers, 2 PI staff members, and 1 ANO, all of whom ensured a seamless and effective selection process. Congratulations to the newly selected cadets and a big thank you to all who contributed to this successful event!



“NSS Volunteers Lead Pulse Polio Immunization Drive at Rancharda”

On July 1, 2024, the National Service Scheme (NSS) volunteers at Indus University played a crucial role in the Pulse Polio Immunization Campaign held at the PHC Center in Ranchada. Established by the Government of India, the NSS provides college students with opportunities for hands-on community service, and this initiative is no exception. As part of National Immunization Day (NID), volunteers assisted medical, pharmacy, and nursing staff in administering polio drops to children aged 0-5 years. This campaign, which began in 1995, is a significant part of India's efforts to eradicate polio, with multiple rounds conducted annually in high-risk areas. Our volunteers' dedication to this cause underscores the NSS's commitment to serving the community and supporting vital public health initiatives.



NSS Volunteers Bring Spirit of Service to Ahmedabad's 147th Rath Yatra



On July 7, 2024, the vibrant streets of Ahmedabad came alive with the 147th Rath Yatra of Lord Jagannath, one of the most significant religious events in Gujarat. This annual procession, held on Ashadhi Beej, attracts thousands of devotees eager to participate in the celebration. Demonstrating their commitment to social service, NSS volunteers from Indus University played a vital role in the event, engaging in various SEVA activities. Their contributions included cleaning the procession route, distributing prasad, and assisting with traffic management. The volunteers' dedication not only supported the smooth execution of this grand event but also exemplified the NSS's mission to foster community welfare and service among students.

Blood Donation Camp at Rajbhavan: IIPR Students Contribute and Meet Hon'ble Governor

On the birth anniversary of Hon'ble Lady Governorshri Darshana Devi, the regional office of NSS organized a blood donation camp at Rajbhavan, Gandhinagar. In a show of commitment to community service, students Shubham Gupta and Ronak Gajera from IIPR participated in this meaningful event. The camp provided them with an opportunity to meet the Hon'ble Governor, Shri Acharya Devvratji, further enriching the experience and highlighting their dedication to civic responsibility.



"Impressive Placement Success: Over 130 Students Secure Top Packages"

In a significant achievement, a total of 132 students across various disciplines—including B.Tech (CE/CSE/IT), MCA/MSc. IT, B.Tech (Mechanical, Metallurgy, Automobile), BA/IMBA, MCA/IMSc. IT, B.Sc. (CS), and B.Sc. DS—have been successfully placed with impressive packages ranging from Rs. 3.60 LPA to Rs. 7.00 LPA. This milestone reflects the strong academic and professional preparation of our students and underscores the institution's commitment to excellence and career readiness.



"Campus Buzz: Key Visits, Training, and Induction Highlights"

TRT Technologies Ltd. Team Visit – June 25, 2024: The TRT Technologies team, led by CEO supported by Ms. Pooja Methani and Ms. Anshu, met with DGM-T&P to discuss the upcoming placement season. They also extended an invitation for the 3rd Anniversary Ceremony on July 2, 2024, at Hotel Eurologia.

IIICT Induction – Batch 2024-25 – June 29, 2024: On the invitation of IIICT Director Dr. Mathur and HOD-IIICT, DGM-T&P addressed the new BCA, BSc. IT, and BSc. CS/DS students. The induction session, held between 2:00 PM and 3:00 PM, offered a warm welcome to the fresh batch.

Global Study Reach Team Visit – July 6, 2024: The Global Study Reach team, led by [Name], met with the Registrar and DGM-T&P to discuss opportunities for Indus students in overseas education. The productive meeting focused on expanding global education initiatives.

Grace Renewable Energy TA Team Visit – July 6, 2024: A two-member team from Grace Renewable Energy, led by Ms. Sunita Prajapati, discussed campus recruitment plans for B.Tech (EL) and MBA students specializing in Marketing/Export.

Soft Skills Training for Final Year Students – July 8-10, 2024: The soft skills training sessions, conducted from July 8 to 10, were a hit with over 95% attendance. Five trainers from IMS Education and Career-line Education provided valuable insights on placement readiness, communication skills, resume building, and more. The interactive sessions received positive feedback and are seen as a key preparation tool for upcoming campus drives.

IISHLS Induction – T&P Session – July 15, 2024: DGM-T&P and team held an induction session for first-year students of the 2024-25 batch. The session, conducted between 3:00 PM and 3:30 PM, covered essential placement processes and preparation tips.

Global Study Reach Team Visit – July 18, 2024: Ms. Anar Patel, Centre Head of Global Study Reach, visited the campus to discuss the establishment of the International Education Cell in Bhanwar Building. The meeting with the Registrar and DGM-T&P focused on enhancing international education opportunities.

Expert Session for BBA Students – IMS Academy – July 24, 2024: A two-member team led by Mr. Dhruv Desai and Trainer Mr. Ujjwal conducted an awareness session for BBA students, focusing on preparation for competitive exams like CAT, MAT, and JEE.

Expert Sessions by SPJIMR, Mumbai Team – July 26, 2024: The SPJIMR team, including Ms. Pooja Joshi and Ms. Aflas Shaikh, conducted expert sessions for 3rd semester MBA/IMBA students on tips for cracking group discussions and final interviews. The interactive sessions, held in LH 45 and LH 46, were well-received, and mementos were presented to the experts by DGM-T&P.

Inauguration of Indus University Alumni Chapter in Rajkot: A Day of Nostalgia and Networking:

Indus University inaugurated its first Indus Alumni Chapter in Rajkot on July 06, 2024. The event featured inspiring speeches from Mr. Monil Salot and Mr. Gaurav Awasthi, followed by a networking lunch. Alumni shared their achievements, discussed industry trends, and explored collaborations, creating a nostalgic and vibrant atmosphere. The day concluded with a group photograph, marking a successful celebration of community and pride among the alumni. The aim of the Indus University Alumni Chapter is to foster a strong and enduring sense of community among graduates by facilitating regular interactions, professional networking, and knowledge sharing to maintain and enhance the relationship between the university and its alumni while promoting their profession.



Indus University and iACE Sign MOU for Automotive Educational Initiatives



Indus University and the International Automobile Centre of Excellence (iACE) in Ahmedabad have signed a Memorandum of Understanding (MoU) to collaborate on educational initiatives in the automotive sector. This collaboration aims to provide educational opportunities in the automotive sector through various initiatives such as industrial training programs, placement assistance, knowledge exchange, joint conferences, collaborative research, workshops, facility visits, and integrated course offerings. The Memorandum of Understanding (MoU) was signed by Dr. Nagesh Bhandari-Honorable Presidential Secretariat, Dr. R K. Singh-Registrar of Indus University, Dr. Suketu Jani-Deputy Registrar of Indus University and representatives from iACE including Mr. Rajiv E, Mr. Bibekanda Das, and Mr. Kumar Shivam.

Indus University Signs MoU with e-Infochips for Advancing Avionics and Semi-conductor Education

Indus University entered into a Memorandum of Understanding (MoU) with e-Infochips on July 10, 2024, marking a significant step towards enhancing educational and research opportunities. This collaboration is designed to provide student internships, Faculty Development Programs (FDPs), project-based learning and research in emerging areas of Avionics. Miss Radhika Bhandari, Dean of Aviation at Indus University, presented the evolving landscape of aviation and discussed potential collaborations with e-Infochips officials. Mr. Nilesh Ranpura has played an instrumental role in facilitating this MoU. This partnership aims to foster innovation and practical learning, benefiting both students and faculty.



Indus University Alumni Chapter in Baroda: Celebrating Connections and Community:

On July 20, 2024, Indus University proudly launched its inaugural Alumni Chapter in Baroda. The event began with motivational speeches by Dr. Ashwin Patani and Mr. Hiren Mer, CSE Department setting an inspiring tone for the day. Following the speeches, alumni engaged in a networking lunch where they exchanged achievements, discussed industry trends, and explored potential collaborations. The atmosphere was filled with nostalgia and vibrancy, culminating in a group photograph to commemorate the occasion. This successful event highlighted the university's commitment to fostering a strong community among its graduates. The Indus University Alumni Chapter aims to strengthen the bond between the university and its alumni through regular interactions, professional networking, and knowledge sharing, ultimately enhancing their professional journeys and maintaining a lasting connection with the institution.



CONGRATULATIONS

Mr. Rishit S. Shukla

faculty member in the Physics Department,
has successfully defended his Ph.D. viva voce at
Gujarat University on July 20, 2024. His thesis, titled
"Design of Novel Nanowires for Electronic and Optical
Applications: A First Principles Approach," marks a
significant contribution to the field of nanotechnology,
focusing on innovative approaches for
designing nanowires with
advanced electronic and optical properties.

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“Life's Code: Embrace the Programming Paradigms for a Better Journey”

We all have one life to live.
Don't worry, just remember 'C'.
We start our small life with NULL data.
Don't worry, just remember 'C++'.
We don't know how to live with anyone.
Don't worry, just remember 'JAVA'.
A good personality always starts with good behaviour.
Don't worry, just remember 'HTML'.
We have problems by looks but never judge,
Don't worry, just remember 'CSS'.
Many ups and downs in life but never give up,
Don't worry, just remember 'jQuery'.
All people have some GUI errors in life files.
Don't worry, just remember '.NET'.
We want animation entertainment in life,
Don't worry, just remember 'GRAPHICS'.
We want successful compilation in life.
Don't worry, just remember 'ANDROID/IOS'.
We believe in karma PROGRAMS done by God,
Don't worry, just remember 'FRAMEWORK'.
We love to connect family databases.
Don't worry, just remember 'ORACLE/MYSQL'.
Last but not least, we don't know which GATE life goes on.
Don't worry, just remember 'DIGITAL CIRCUIT'.
We face DEADLOCK and resolve with SWAPPING,
Don't worry, just remember 'OPERATING SYSTEM'.



Ms. Hirva Gohel
IIICT, Indus University

Celestial Wonders and Spiritual Wisdom: July's Dual Celebrations of Knowledge

This July holds two significant observances that, though seemingly disparate, share a common thread: seeking knowledge and guidance. On July 20th, we celebrate International Moon Day, a day to reflect on humanity's lunar connection. Just a day later, on July 21st, falls Guru Purnima, a sacred festival honoring spiritual teachers and mentors.

A Celestial Inspiration:

International Moon Day commemorates the anniversary of the Apollo 11 moon landing, a pivotal moment in human history. It's a day to celebrate our ongoing exploration of Earth's closest celestial neighbour. The Moon has captivated humanity for millennia, influencing myths, navigation, and our understanding of the universe. By observing the Moon's phases – waxing crescent, full, waning gibbous – we witness a celestial dance governed by the Sun.

The Moon's importance goes beyond its beauty. It stabilises Earth by influencing tides and moderating climate. Studying the Moon sheds light on our planet's formation and history, potentially revealing clues about the origins of life. International Moon Day reminds us of the future of lunar exploration, paving the way for scientific research and resource exploration.

Honoring the Light Within:

Observed by Hindus, Buddhists, and Jains, Guru Purnima celebrates the role of Gurus – teachers and mentors who guide us on our life's journey. This day honours not just spiritual leaders but also academic teachers and anyone who imparts knowledge and wisdom. Guru Purnima is a time for gratitude, offering prayers and expressing appreciation to those who have helped us grow and learn.

While International Moon Day looks outward, towards the cosmos, and Guru Purnima focuses inward, on our personal growth, both observances share an essential theme. Both celebrate the pursuit of knowledge and the guiding light of teachers, be they celestial bodies revealing universal truths or human mentors who lead us on our paths.

Together, these observances inspire us to be lifelong learners, reaching for knowledge both earthly and celestial.

By Astro coordinators:



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"Flavors of Fame: Ms. Khushali Patel Showcases Jamnagar's Ghughra Chat on The Rasoi Show"

Ms. Khushali Patel, Assistant Professor at IIMS, Indus University, made a flavorful appearance on the popular television cooking show, *The Rasoi Show*, which aired on July 26, 2024, on Colors Gujarati Channel. On the show, Ms. Patel demonstrated her culinary expertise by preparing the renowned Jamnagar delicacy, Ghughra Chat.

Ingredients for Dough:

- Refined flour: 150 gms
- Sooji: 1 spoon
- Carom seeds: 1 spoon
- Lemon juice: 1/2 spoon
- Salt: To taste
- Ghee: 3 spoons

Ingredients for Stuffing:

- Boiled potatoes: 2
- Green peas: 50 gms
- Coriander: 2 spoons
- Chili ginger paste: 1 spoon
- Spices (1 spoon each): Chat Masala, Salt, Amchur powder, Black pepper powder, Garam masala

Ingredients for Garnishing:

- Green chutney
- Dates & tamarind chutney
- Garlic chutney
- Chopped onions
- Sev
- Masala peanuts

Recipe:

1. Mix all the ingredients for the dough to prepare a tight consistency and let it rest for 15 minutes.
2. For the stuffing, combine all the veggies and spices, then set aside.
3. Roll out medium-sized puris from the dough, place a spoonful of stuffing in the center, seal the edges with water, and fry until golden brown.
4. Garnish the ghughras with chutneys, sev, and peanuts.

Ms. Patel's appearance on the show highlighted her exceptional cooking skills and brought a taste of Jamnagar's cherished cuisine to a broader audience.



Interview with Dr. Hinal Shah, Assistant Professor, Electrical Engineering Department

Hello madam. Please share about your academic qualification.

I did my B.E. from S.P University in 2006. I then did M.E. from M.S University in 2008. I did my PhD from Indus University in 2023.

Help us know about your academic journey.

I worked as an Assistant Professor in Electrical Engineering Department at GCET, V.V.Nagar from 2008-2011. In 2012 July, I joined Electrical Engineering Department where we had only 80 students. I have had the opportunity to teach the students of EC, ICT, CSE, EEE, CE and IT departments during my tenure at Indus university.

What additional roles and responsibilities have you undertaken at Indus University?

I am appointed as Deputy Center Incharge of Exams. I have also worked as a SAC member, BOS member and Time Table coordinator. I like contributing as a member in my own special way.

Are you a team person or a leader?

I always believe in working as a team. My role in Exam department was a challenging post but I have a wonderful team which supports me thoroughly. Even the exam supervisors, both junior and senior, ensure that exams are completed with perfection. I also enjoy working in Student Affairs Committee(SAC) with all its energetic team members. It is fun to work with talented colleagues. I am fortunate to have such supportive and helpful faculty members in my department. I have benefited significantly from their wisdom and advice.

Which is your favourite subject?

I enjoy teaching Micro-Controllers architecture and applications. For my teaching to be easily understood by students, I think of making things easy for my students. I co-relate the functioning of microcontrollers to a human body.

Your thoughts on teaching and learning..

I like being in class with my students. A well conducted class gives me ultimate satisfaction. Students are smart hence teachers need to be smarter. They challenge us to perform better.

What do you do in your spare time?

I love spending time with nature and enjoy bird watching. I have a beautiful garden at my home which my husband and I have nurtured together. We enjoy growing different types of plants.

Your message for our readers..

'Find joy in what you do and do what you like'. Best wishes.

Interview was conducted by
Ms. Mansi Mehta, Dr. Nikita Gadani
and Dr. Daisy Kurien



