

**Kerala University of Digital Sciences,
Innovation and Technology**

NEWSLETTER



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Digital University Kerala
Thiruvananthapuram

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Digital University Kerala Submits Landmark Report on Judicial Digital Transformation to Kerala High Court

In a significant milestone, Digital University Kerala (DUK) has formally presented a comprehensive study report on Judicial Digital Transformation to the High Court of Kerala. The report was submitted by Dr. Saji Gopinath, Vice Chancellor of DUK, to Hon'ble Justice A. Muhamed Mustaque, Chairman of the Computer Committee of the High Court of Kerala, during a ceremony held at the Kerala High Court on October 21, 2024.

Justice A. Muhamed Mustaque emphasized the importance of continued collaboration, citing countries like Brazil that partner with public Universities to develop software solutions for Courts. Dr. Saji Gopinath highlighted the study's focus on leveraging cutting-edge technology to streamline judicial processes, reduce pendency, and optimize case management workflows.

The event was attended by Hon'ble Justice Raja Vijayaraghavan V., Hon'ble Justice Mohammed Nias C. P. and Hon'ble Justice Harisankar V. Menon from the Computer Committee, Sri. Joseph Rajesh K.A., Registrar (Computerisation)-cum-Director (IT), Sri. Rakesh M.G., Deputy Director (IT) and other Officials from the High Court of Kerala. From Digital University side Jayachandran MB, CTO and Sherin Noordheen, Sr. Consultant who led the study team were also present.



The study, conducted by the Consulting team from Centre for Intelligent Government provides a detailed assessment of the current technological infrastructure, solutions, and processes within the Kerala High Court and Courts in the District Judiciary. The team also examined best practices through visits to other High Courts and International best practices. The report aligns with the vision of the Hon'ble Supreme Court e-Committee, aiming to create a more accessible, efficient, and equitable judicial system for all stakeholders.

The Judicial Digital Transformation Study Report outlines a strategic roadmap for the complete digitization of Kerala's judiciary, including high-level recommendations on leveraging cutting-edge technologies and a tailored Functional Requirements Specification (FRS) to meet the specific needs of Kerala's Judicial system. The report emphasizes process optimization and enhanced digital workflows.

The proposed digital tools will provide easy access to information and remedies, improving overall accessibility and trust in the judicial system for Citizens.

The report also proposes leveraging technologies like AI and Machine Learning to enable judges and court administrators to make data-driven decisions when scheduling or prioritizing cases, ensuring greater predictability and efficiency in court processes. The system will include features such as automated fee computation, payments and simplified administrative tasks, minimising manual workflows.



In light of the report's findings, the Government of Kerala has accorded Administrative Sanction for establishing Centre of Excellence on Judicial Intelligence in Digital University for research and application of latest Technologies like AI and Machine Learning for Case Management and faster justice delivery, improved transparency, and more streamlined judicial processes.

The Kerala High Court IT team has already initiated steps to implement key recommendations from the report. This effort marks a critical advancement in modernising Kerala's judicial system, aligning with broader goals for technology-driven, accessible, and efficient court services.

This initiative reflects Digital University Kerala's commitment to leveraging digital technologies for societal advancement.

Digital University Kerala Embarks on CMMI Certification for the Center for Digital Innovation and Product Development (CDIPD)

In a significant stride towards bolstering process improvement and performance optimization, the Center for Digital Innovation and Product Development (CDIPD) – A centre of Excellence under Digital University Kerala has embarked on the implementation of Capability Maturity Model Integration (CMMI). This landmark initiative was inaugurated during a highly successful kick-off meeting, which has set the foundation for the center's commitment to delivering the highest quality in its innovative solutions.



The kick-off meeting was graced by distinguished dignitaries, including Prof. Saji Gopinath, Honourable Vice Chancellor of Digital University Kerala, who formally announced the commencement of the CMMI process implementation. The event also saw the esteemed presence of Prof. Mujeeb, Registrar of Digital University Kerala, Dr. Ajith Kumar, R, Director-CDIPD, and Prof. Santhosh Kurup, Director-Development, Digital University Kerala. A crucial element of this initiative is the collaboration with the consulting partner, M/s Quaxil Consultants, whose expertise will guide CDIPD through the rigorous process of achieving CMMI certification. The kick-off meeting was attended by the dedicated Project Managers of CDIPD, who will be at the forefront of this transformative journey. During the event, Prof. Saji Gopinath emphasized the importance of adopting globally recognized frameworks like CMMI to enhance the quality and efficiency of processes. He highlighted that this initiative is a testament to Digital University Kerala's commitment to maintaining the highest standards in digital innovation and product development.

Capability Maturity Model Integration (CMMI) is a globally recognized process improvement approach that provides organizations with essential elements to effectively improve their processes. It is designed to help organizations develop capabilities that improve performance and achieve higher levels of maturity. The objectives of CMMI implementation at CDIPD include enhancing process efficiency, ensuring the highest quality standards in digital solutions and services, achieving optimal performance through continuous process improvement, and positioning CDIPD to compete on a global scale by adhering to internationally recognized standards.



The kick-off meeting for the CMMI process implementation marks the beginning of a transformative journey for CDIPD. With the unwavering support of Digital University Kerala's leadership and the expertise of M/s Quaxil Consultants, the center is confident in its ability to achieve CMMI certification and set new benchmarks in process improvement and performance optimization. As CDIPD embarks on this journey, it remains committed to its mission of delivering innovative digital solutions of the highest quality, thereby reinforcing its position as a leader in the digital innovation space. Further updates on the progress towards CMMI certification and continuous efforts towards excellence will be shared as the initiative advances. This significant step ensures that CDIPD continues to lead in providing cutting-edge digital solutions while maintaining the highest standards of quality and efficiency in all its operations.

Farewell to the Hon'ble Vice Chancellor

DUK family bid farewell to the esteemed beloved Vice Chancellor, Prof. Dr. Saji Gopinath, on the remarkable leadership and vision that have profoundly shaped our institution during his tenure. Under his guidance, our university has not only grown in stature but has become a beacon of academic excellence, innovation, and community engagement.

In his time as Vice Chancellor, he has shown an unwavering commitment to fostering an environment where both students and faculty could thrive. With a clear vision for the future, he introduced transformative initiatives that have enhanced the academic and infrastructural landscape of the university. His emphasis on research, global partnerships, and inclusive education has left an indelible mark on all of us.

As he moves on to new horizons, we express our deep gratitude for the legacy leaves behind. The foundations laid by his leadership will continue to guide and inspire us in the years to come.



Digital University Kerala Researchers Discover Critical Error in OpenAI's Whisper AI System

Researchers at Digital University Kerala have uncovered a major error in OpenAI's Whisper, an artificial intelligence system designed to transcribe speech into text. Typically, AI companies test the accuracy of AI models, usually automatically, before releasing them for public use. This is to assess how precisely these systems handle spoken language. However, due to an error in this quality-check process, OpenAI has reported the accuracy of its AI systems for Indian languages, including Malayalam, as better than it actually is.

This discovery was made by researchers at Digital University Kerala's Virtual Resource Centre for Language Computing (VRCLC), led by Dr. Elizabeth Sherly, with team members Kavya Manohar and Leena G Pillai.



Their research paper documenting this issue has been selected for presentation at the prestigious international conference EMNLP (Empirical Methods in Natural Language Processing) 2024, held this month in Florida. The Association of Computational Linguistics (ACL) has also awarded the team a grant to support their presentation.

During their investigation, the researchers found that OpenAI's accuracy-checking process fails to account for vowel signs used in Indian languages. For instance, when the Malayalam word "Digital University" is stripped of its vowel signs and chandrakkala (virama), it becomes "ഡ ജ റ റ ള് റ് മ റ് ഴ റ് ന റ് റ്," losing its readability. By excluding these signs, errors resulting in them go undetected, leading to an overestimated transcription accuracy. The team also observed that similar issues are present in Meta's evaluations of its own AI models.

Regional language AI computing differs vastly from systems designed for languages like English. Therefore, Digital University's VRCLC center is committed to developing systems that account for these linguistic nuances, enhancing accuracy and usability for Indian languages in AI applications.

Centre for Digital Transformation in Culture (CTDC) Website Launch

The Centre for Digital Transformation in Culture (CDTC), an initiative by Digital University Kerala, is dedicated to preserving and promoting the diverse art forms of Kerala. CDTC has launched its new website, highlighting the diverse activities and initiatives. By harnessing Intelligent Digital Systems, CDTC aims to support artists, safeguard traditional heritage, and connect Kerala's vibrant cultural legacy with global audience.

The official inauguration of the website was during the state-level launch of Bharat Bhavan's Kadal Mizhi programme. The event was inaugurated by Honorable Minister of Culture, Sri Saji Cheriyan. Additionally, Sri K. Jayakumar, IAS, Chairman of the Advisory Committee, have presented an overview of the Centre's initiatives to the public. The event was on October 30th, 2024, at Beach Park, Shangumugham, Thiruvananthapuram.



Digital University Kerala Partners with ASAP through MoU Signing with Dr. Usha Titus, Rtd. IAS

Digital University Kerala has entered into a strategic partnership with the Additional Skill Acquisition Programme (ASAP) by signing a Memorandum of Understanding (MoU) with Dr. Usha Titus, Rtd. I.A.S., Chairperson of ASAP. This collaboration aims to enhance skill development initiatives and create impactful opportunities for learners, fostering industry readiness and innovation-driven education.

Additionally, Digital University Kerala is proud to be part of EY's Bridge Program, aimed at bridging industry-academia gaps. The program launch witnessed the participation of Richard Antony, India Operations Head at EY, marking a key milestone in advancing skill-based training and professional growth.

IRB Approval Secured for Novel Autotransfusion Device Trials

The proposal, "Validation of a novel low-cost Intra-Operative Autotransfusion Device to mitigate shortage of blood in rural hospitals", for conducting the initial trials of the Autotransfusion device being developed at CAN Lab, SoDS, DUK, using human blood at the Christian Medical College Vellore (CMC Vellore), has been approved by the Institutional Review Board (Silver Ethics and Research Committee) of CMC Vellore.

Finalist for the IEEE YESIST12 (An International Innovation Contest)

Lakshmi Narayanan M, MSc MI 2nd Year (SoCSE) have recently received credentials as a Finalist for the IEEE YESIST12 (an International Innovation Contest). The event took place in Tunis Science City, Tunisia, in September 2024. After successfully clearing the preliminary round in India, he was honored to be selected as one of the 25 finalists from thousands of applicants nationwide to present my project, "User Defined Pattern Authentication," at the Grand Finale. This international platform brought together innovators from all over the world, making it a truly inspiring experience. He have secured a place in the Top 5 and received the title of Finalist in the Maker Fair Track.



Lakshmi Narayanan M
2nd Year MSc MI
SoCSE

Digital University Kerala Triumphs as District-Level Winner in YIP 6.0 by K-DISC



The team from Digital University Kerala has been honored as the district-level winner of the prestigious Young Innovators Programme (YIP) 6.0, organized by the Kerala Development and Innovation Strategic Council (K-DISC). This recognition highlights the commitment to innovation and excellence in problem-solving. Competing against a wide array of highly skilled teams from across the district, they stood out as the sole team representing Digital University Kerala. This unique representation underscores the pioneering spirit and innovative drive that our university fosters among its students. Their winning project combined rigorous research, creative solutions, and teamwork to address a significant challenge, showcasing the potential for transformative ideas to emerge from our institution. Spearheading this success were the team members, Anandik and Sandra, whose hard work and dedication shone through every step of the competition.



Anandik and Sandra

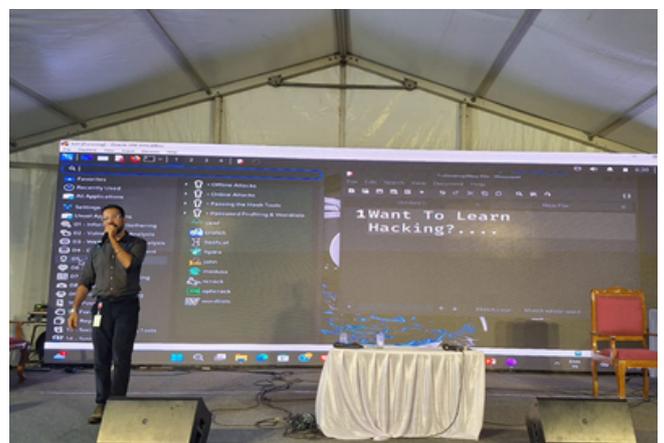
KSAAC at DISHA 2024 -

Inspiring the Next Generation of Cybersecurity Enthusiasts

KSAAC actively participated in the DISHA (Discover Your Future) Higher Studies Expo held in Thrissur from October 4-8, 2024. Throughout the event, engaging sessions and seminars were conducted that generated significant interest in cybersecurity among attendees. Key presentations focused on topics like threat identification, vulnerability management, and safe online practices, resonating with both students and professionals.

Interactive Q&A sessions provided an opportunity for government officials and IT professionals to address their queries, equipping them with practical knowledge to strengthen cybersecurity practices in their respective fields. The enthusiastic response from attendees underscored a growing interest in cybersecurity, with many students expressing a desire to pursue it as a career.

KSAAC remains committed to advancing cybersecurity awareness and education, contributing to a safer digital ecosystem for the future.



Seminar on Bridging the Skill Gap

KSAAC organized a seminar on October 30, 2024, for PMAJAY students, centered on the theme of "Bridging the Skill Gap." The session was led by Mr. Kesav R., a Senior Analyst at Alliance Global and a certified soft skills trainer, who shared valuable insights into current industry demands and strategies for developing relevant skills.

During the seminar, Mr. Kesav emphasized the importance of identifying skill gaps and provided practical approaches for acquiring both technical and interpersonal skills essential for career growth. He highlighted the role of continuous learning in staying relevant in the industry and encouraged students to utilize available resources to strengthen their competencies. The event concluded with an interactive Q&A session, offering students the chance to gain further insights and clarify their questions.



Seminar on ISMS and Career Opportunities

KSAAC organised a seminar on "Cyber Security Decoded" on October 23, 2024, for PMAJAY students, led by Mr Krishna Prasad of Alliance Technology. The session provided a detailed overview of how an Information Security Management System (ISMS) functions within organizations, outlining key strategies for data protection and regulatory compliance. In addition, the seminar covered recent cyber attacks across various industry sectors and explored cybersecurity job roles available for freshers. The event concluded with an engaging Q&A session, offering students valuable insights and to clarify their doubts.



Seminar on Placement Enhancement and Startup Insights

On October 8, 2024, KSAAC organized a seminar on placement enhancement specifically for PM-AJAY students, led by Rahul PK, Sr Consultant at State e Mission Team, KSITM. The seminar covered critical topics such as starting a business, launching a startup in the IT field, and the challenges faced by emerging companies. Mr Rahul also discussed the role of AI-powered virtual workers in supporting startup growth, as well as opportunities within the cybersecurity job domain. An engaging highlight of the event was a live demonstration of plant disease detection using Fast AI, showcasing practical applications of artificial intelligence in real-world scenarios.



Malinya Muktha Nava Keralam Campus Cleaning Campaign

On October 2, 2024, the Social Engagement Centre (SEC), in collaboration with the National Service Scheme (NSS), UBA, the Sports Council, and the Student Council of DUK, launched the Malinyamuktham Nava Keralam campaign with a campus cleaning drive. This initiative, inaugurated on Gandhi Jayanti, aims to achieve a waste-free Kerala by March 30, 2025, coinciding with International Zero Waste Day.

Inspired by the ideals of Gandhi, Malinyamuktham Nava Keralam encourages everyone to actively participate in cleaning their surroundings. The campaign's objective is to promote a waste-free environment in Kerala through local cleaning efforts, raising awareness, and advocating for recycling.



Social Engagement Centre - Core Associate Training

To equip the newly selected Core Associates of the 2024-2026 batch with essential skills and a strong sense of camaraderie, the Social Engagement Centre (SEC) organized a comprehensive two-day training program on the 8th and 9th of October 2024. This session was meticulously designed to guide the Core Associates through their upcoming journey, emphasizing skill development, teamwork, and leadership.

The training event featured hands-on activities, creating an environment for the Core Associates to build confidence, develop interpersonal skills, and gain a clear understanding of their roles within the SEC.

The training program marks the beginning of an exciting journey for the 2024-2026 Core Associates, who will play a pivotal role in advancing the SEC's mission on campus. With this foundation, the new team is set to lead impactful initiatives, uphold the values of social engagement, and drive positive change.



Green Volunteer Meet-Up

"Green Volunteers" is an initiative by the National Service Scheme and Green Campus Initiative.

The Green Volunteers are dedicated to protecting the campus environment, promoting sustainability, and maintaining a clean campus. The inaugural meeting of the Green Volunteers took place at the Digital University Campus on October 15th, 2024.

Dr. Sooraj N.P., the NSS coordinator, along with SEC team members and the Green Volunteers, attended the event to discuss initiatives aimed at making the campus more environmentally friendly.

AARANYAKAM 2024

Celebrating Wildlife Week with Insight, Action, and Engagement

Digital University Kerala's Aaranyakam 2024 Wildlife Fest: A Celebration of Biodiversity and Conservation held in honor of Wildlife Week. The Wildlife Fest was a truly immersive and inspiring event dedicated to raising awareness for biodiversity conservation. The fest brought together students, experts, and enthusiasts through various talks, competitions, and interactive activities aimed at protecting our planet's precious ecosystems. With enthusiastic participation and the unwavering support of dedicated volunteers and faculty, Aaranyakam 2024 left a lasting impact on everyone involved.



Inspiring Guest Talk

Aaranyakam was privileged to host two distinguished speakers who shared their profound knowledge and experiences:

- Shri D.K. Vinod Kumar, I.F.S., captivated the audience with his compelling insights and firsthand experiences in wildlife conservation. Shri Vinod Kumar highlighted the urgency and dedication needed to protect our natural heritage by sharing stories of triumphs, challenges, and hard-won victories from his fieldwork.
- Dr. Vimal Kumar C.S., Principal Scientific Researcher at the Kerala Biodiversity Board, delivered a thought-provoking talk on biodiversity and sustainability. Emphasizing the importance of each individual's role, Dr. Vimal urged everyone to take proactive steps in conserving the environment and ensuring sustainable ecosystems for future generations.



Quiz Competition: Testing Wildlife Knowledge

The quiz competition, co-hosted by Dr. Sooraj N.P. and Sai Shankar G. Nair, challenged participants' understanding of wildlife, biodiversity, and conservation through thought-provoking questions. The friendly but fierce competition brought energy and excitement to the fest while providing valuable learning opportunities.

The winners were :

- First Prize: Adarsh IK and Harshavardhanan C.S.
- Second Prize: Rabiya Mujeeb and R. Athul Krishnan

Ideathon Challenges: Sparking Innovation for Sustainability

The Ideathon was a highlight of Aaranyakam, offering students a platform to showcase their creativity and present tech-driven solutions for conservation challenges. Innovative ideas, creative approaches, and a solid commitment to sustainability were displayed, making it an inspiring event.

The winners were :

- First Prize: Himanshu and Akshay
- Second Prize: Devika P., Sreeparvathi V.S., and Adnan K.P.



VYUHAM '24

Digital University Kerala's First National Level Techno Cultural Management Fest !

A Remarkable Celebration of Technology and Culture at Digital University Kerala proudly hosted Vyuham'24, an extraordinary three-day national-level tech-cultural fest that brought together students, industry experts, and tech enthusiasts across India. The event, held from October 25-27, 2024, was a hub of innovation, creativity, and learning, featuring diverse activities highlighting technology's transformative role in modern society.

Day 1: Inauguration, Workshops, and Creative Competitions

The first national techno-cultural management fest of DUK was inaugurated on Friday, 25th October, at 9 am by the Minister of Industries and Law Affairs, Shri. P. Rajeev. The event was presided over by Digital University Vice-Chancellor Dr. Saji Gopinath, and the keynote address was delivered by the Special Secretary of the Agriculture Department, Prashant Nair I.A.S.



Around 2,000 talents from various universities and colleges across India will compete over the three days.

The events were categorized into three sections. Technical Events: Hackathon, Workshop, CTF, Quiz, A.I. Short Film Competition, Coding Games.

Cultural Events: Fashion Show, Active Radio Band, Aalmaram Band, Open Mic.

Management Events: H.R. Games, Startup Showcase, Finance Games.

The Chief Guest's inspiring address set the tone for the festival, emphasizing the role of digital innovation in solving real-world challenges. The opening event served as a launchpad for the activities lined up over the next three days, embodying D.U.K.'s commitment to fostering a culture of creativity and collaboration.



Day 2: Hackathon, Technical Competitions, and Musical Performances

Hackathon: Innovating for a Cause

The second day was packed with high-energy events, starting with the Vyuham'24 Hackathon and addressing real-life social issues impacting communities like Wayanad; students and tech enthusiasts collaborated to develop innovative, tech-driven solutions to make a meaningful social impact. Ideas ranged from climate change solutions to rural health technologies, highlighting the potential of technology in shaping a better world.

Quiz and Coding Speedrun

A multi-round quiz competition conducted by Quiz Masters Sai Shankar G Nair and Ajsal Jamal challenged teams on current affairs, sports, and technology knowledge, testing participants' intellect and awareness. Meanwhile, the Coding Speedrun pushed coders to their limits as they raced against the clock to solve complex programming problems. The competition drew a large audience, celebrating the excitement of fast-paced problem-solving.

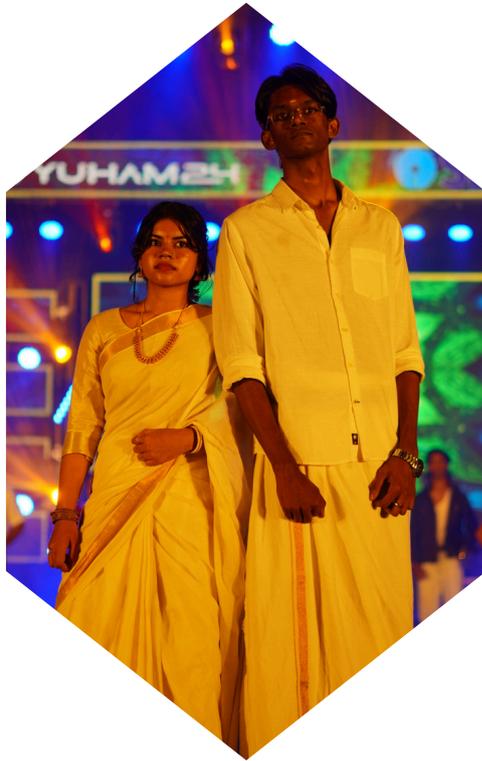
Music Band Performance

The highlight of Day 2 at Vyuham'24 was an electrifying live performance by the renowned Active Radio band. Their high-energy show featured a mix of rock anthems, soulful ballads, and pulsating electronic beats, captivating an enthusiastic crowd. The concert brought together students, faculty, and guests, celebrating the universal appeal of music and creating unforgettable moments of unity and excitement.

Finance Game – Wealth Wiz

Aspiring finance professionals tested their skills in the Wealth Wiz competition, tackling simulated crises, budgeting challenges, and profit-maximization strategies. The event gave participants a taste of real-world finance dynamics in a competitive environment, making it both educational and exhilarating.





Day 3 : Cybersecurity, Short Films, and Closing Ceremony

Capture the Flag (CTF) Competition

On the final day of Vyuham'24, they featured the Capture the Flag (CTF) competition, a cybersecurity challenge designed to test participants' hacking, cryptography, and problem-solving skills. Teams tackled a series of puzzles and digital obstacles, vying for the highest score in an intense and strategic contest highlighting cybersecurity's importance in today's digital world.

A.I. Short Film Contest

Vyuham'24 took storytelling to a new level with the A.I. Short Film Contest, where teams used A.I. tools to create impactful short films. Participants were tasked with producing films centered around themes given at the event, experimenting with AI-generated visuals, audio, and narrative structures to create unique works of art that resonated with the audience.

Escape Room Challenge

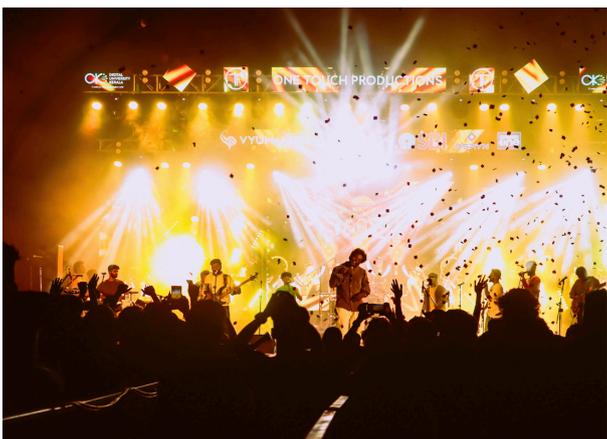
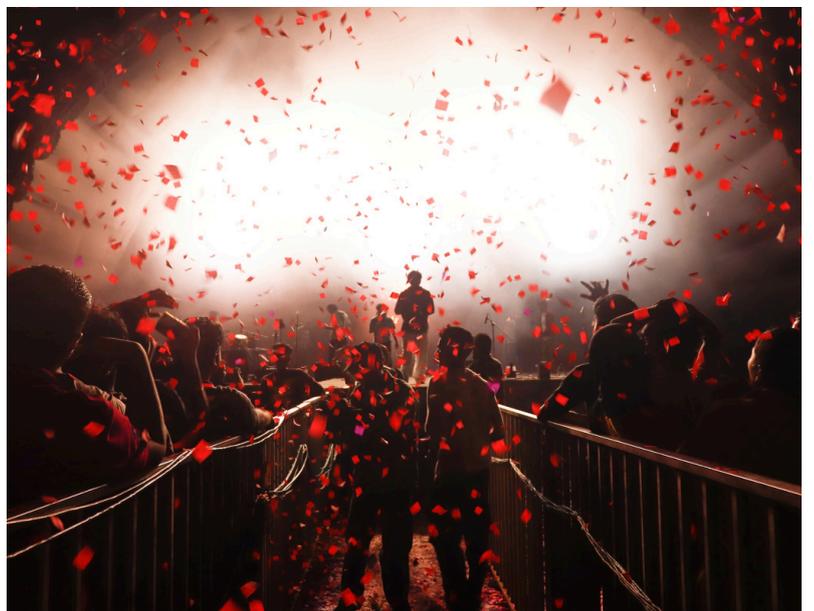
The tech-themed Escape Room was an immersive experience where participants solved puzzles and followed clues to "escape" within the time limit. The event was an instant hit, blending technology with entertainment and teamwork, adding a thrill to the closing day's activities.

Final Cultural Performances and Concert

On the closing day, they featured a grand cultural extravaganza, which included dance competitions, a talk session by an influential speaker, and a live concert featuring top student and guest performers. These events captured the spirit of Vyuham'24, fostering unity and creativity while showcasing the diverse talents of D.U.K.'s vibrant student community.

Sponsorship and Support for Vyuham'24

Vyuham'24 was made possible through the invaluable support of sponsors and dedicated partners in banking, fashion, media, food, and travel. Key supporters included the State Bank of India (S.B.I.), Oस्पyn Technology, and MediaOne as media partners. With participation from over 2,500 students, 500 tech professionals, and more than 40 companies, Vyuham'24 offered extensive outreach and valuable networking opportunities for attendees across industries.



Badminton Tournament

The Physical Education section organized Intramural Badminton Tournament on October 6, 2024. It was held at the Club House, Technopark Phase 1 from 9:00 AM to 1:00 PM. The league-format and knock out format competition featured five participating houses, with each house competing in four matches in women's doubles, mixed doubles and men's doubles.

The tournament winners were:

- **Men's Doubles**

1st Place: Grey Giants

2nd Place: Red Ox

3rd Place: Yellow Raptors

- **Women's Doubles**

1st Place: Blue Buzzards

2nd Place: Grey Giants

3rd Place: Red Ox

- **Mixed Doubles**

1st Place: Grey Giants

2nd Place: Blue Buzzards

3rd Place: Yellow Raptors

Total points determining the score, Grey House demonstrated exceptional skill, securing top spots in Men's and Mixed Doubles, while Blue House excelled in Women's Doubles. The tournament showcased impressive skills and teamwork among participants.



Winners - Men's Doubles



1st Place: Grey Giants



2nd Place: Red Ox



3rd Place: Yellow Raptors

Winners - Women's Doubles



1st Place: Blue Buzzards



3rd Place: Red Ox

Winners - Mixed Doubles



1st Place: Grey Giants



2nd Place: Blue Buzzards



3rd Place: Yellow Raptors

Cricket Tournament

The Physical Education section organized Intramural Cricket Tournament on October 20, 2024, at KV School Ground, Pallipuram. Hosted by the Sports Club, the tournament featured both men's and women's teams from various houses. The event commenced at 8:45 a.m. with an inaugural ceremony, where Prof. Md Meraj Uddin, Chair of Student Affairs, graciously initiated the tournament by bowling the opening ball.

The tournament winners were:

- **Women's Section:**

Green House (Champions)

Red Ox (Runners-up)

Blue House (Third Place)

- **Men's Section:**

Grey House (Champions)

Yellow House (Runners-up)

Blue House (Third Place)

Special acknowledgement is for Jabber and Shiras Muhammed for their exceptional umpiring services, Abhiram Sports Club Secretary for outstanding coordination, Vaisakh, 1st Year MBA student, for expertly capturing the tournament's memorable moments through photography.

The tournament was resounding success by the enthusiastic participation and impressive sportsmanship displayed by all teams.



Women's Section - Winners



Champions - Green House



Runners-up - Red Ox



Third Place - Blue House

Men's Section - Winners



Champions - Grey House



Champions - Grey House



Third Place- Blue House

Volleyball Tournament

The Physical Education section organized a Volleyball Competition on October 6, 2024, at the Club House, Technopark Phase 1, featuring a league format exclusively for men's teams. The event witnessed intense competition among participating teams, showcasing exceptional skills and sportsmanship. Green Falcons emerged as champions, while Blue Buzzards secured the runners-up position, and Red Ox took third place. The Volleyball Competition 2024-2025 was a resounding success, promoting men's sports and healthy competition.

Winners



2nd Place: Blue Buzzards



3rd Place: Red Ox

Throw Ball Competition

The Physical Education section organised a Throw Ball Competition on October 6, 2024 at the Club House, Technopark Phase 1, featuring a knockout format exclusively for women's teams. The event witnessed intense competition among participating teams, showcasing exceptional skills and sportsmanship. Green Falcons emerged as champions, while Red Ox secured the runners-up position, and Grey Giants took third place. The competition was a resounding success, promoting women's sports and healthy competition.

Winners



Champions: Green Falcons



Runners-up: Red Ox



Third Place: Grey Giants

South Zone Interuniversity Badminton Championship 2024

A team of 7 members represented Digital University Kerala in the South Zone Interuniversity Badminton Championship, hosted at SRM College, Chennai, on 26th October 2024. The tournament gathered exceptional badminton talents across Southern India. Each of them was excited to make the university proud and motivated to at least secure a match victory in our opening round.

Even though the team didn't qualify for the 2nd round of the championship, the experience of competing in such a high-energy environment and witnessing the skill level required at this level was valuable for all team members. They returned with an understanding of the areas we need to improve upon to compete in future tournaments.



Dr. Sinnu Susan Thomas, gave a talk on Machines with Plethora of Intelligence during World Standards Day Celebration MANAK MAHOTSAVA 2024 on 10th October 2024 at Kochi.



Dr. Sinnu Susan Thomas
Faculty, SoCSE

Caligo 24 Management Fest

The Caligo 24 Management Fest, hosted by Marian International, two teams from Kerala University of Digital Sciences, Innovation, and Technology showcased their talents in various competitive events.

In the HR Games, the team consisting of Harikrishnan R, Vaisakh S, Nandana M, and Luthfa Jabir N competed against 23 teams. Their strong problem-solving abilities and teamwork saw them advance to the top 8, successfully progressing through three rounds before being eliminated.

In the Best Management Team event, Neha Krishna V G, Sneha Santhosh, Abhin A, and Ajsal Jaman competed against 20 teams. Their strategic thinking and leadership earned them an impressive 3rd place overall, a significant achievement even though they didn't reach a podium finish.

Both teams demonstrated excellence, dedication, and competitive spirit, proudly representing the university. Their performances at Caligo 24 reflected the high standards upheld by the students of Digital University Kerala.



- Ravi Prakash, Tony Thomas (2025), "Towards Secure AI-driven Industrial Metaverse with NFT Digital Twins", 17th International Conference on COMmunication Systems & NETworks, COMSNETS 2025.
- Thomas James; Sinnu Susan Thomas (2024), "Multi Objective Regionalized Bayesian Optimization via Entropy Search," in NeurIPS Workshops.
- Jose Joseph, et al. (2024) "Silk-Aloe vera composite piezoelectric film: a new paradigm in eco-friendly piezoelectrics", IEEE Journal on Flexible Electronics. DOI: 10.1109/JFLEX.2024.3425812
- Jose Joseph, et al. (2024), "A Robust Sensor for Inline pH Measurements", IEEE Sensors Journal, DOI: 10.1109/JSEN.2024.3489659
- T. Mathew, N. Simhadri, K. Elangovan, A. C. Sreekantan and V. B. Sukumaran (2024), "A Digital Thermistor Read-out Based On Charge-Discharge Topologies Coupled With Optimal Linearization Strategies", in IEEE Sensors Journal, DOI: 10.1109/JSEN.2024.3483906
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Book Chapter

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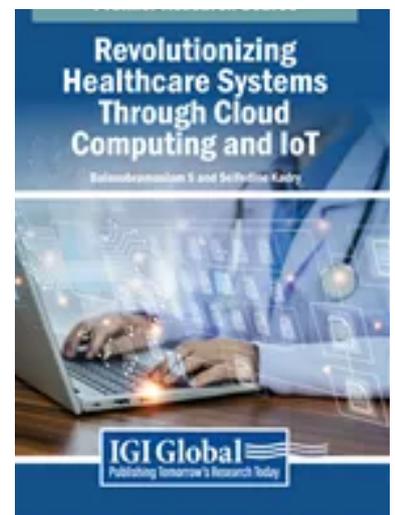
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Abstract:

The healthcare industry has reached its full capacity due to the outbreak of COVID-19. Its global influence has brought attention to the utmost capabilities and limitations of healthcare facilities worldwide.

Revolutionizing Healthcare Systems Through Cloud Computing and IoT explores the concepts of cloud computing-based healthcare systems, IoT-based healthcare systems, and cloud-IoT-based healthcare systems. It delves into the significance and benefits of cloud-IoT-based healthcare systems. Covering topics such as disease screening, smart monitoring, and healthcare policy, this book is an excellent resource for researchers, scientists, engineers, graduate and postgraduate students, healthcare professionals and administrators, educators, and more.



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