

# DIGITAL UNIVERSITY KERALA

*Kerala University of Digital Sciences, Innovation and Technology*

# NEWSLETTER

DUK/NL/VOL:2/ISSUE 11/November 2023



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## IEEE SB Web Page Launch and IEEE Conciencia'23 Workshop

The IEEE SB Web Page Launch and IEEE Conciencia'23 workshop took place on November 16, 2023, with approval from Dr. Sumit Datta, the branch counselor. The event, initiated by Dr. Datta's opening remarks, featured the launch of the IEEE Student Branch website by Prof. (Dr.) A Mujeeb. Prof. (Dr.) Asharaf S and Prof. (Dr.) Alex P James provided insights into professional societies and introduced IEEE, respectively.

Mr. Vasudev S. Mallan, Chair of the IEEE SB at Digital University Kerala, expressed gratitude.

The workshop included talks by Dr. Dhanukumar Pattanashetti and Mr. Salih Yoosaf. Dr. Pattanashetti, a Senior IEEE Client Services Manager, shared insights, and Mr. Yoosaf, the secretary for the MD Committee in the IEEE Kerala Section, presented on the IEEE SPS Kerala Chapter. The second session featured Mr. Kishan Kartha, IEEE SB Vice-chair, who showcased the journey of KToys, a pioneering startup from Digital University Kerala, blending AI with culture.

The event concluded with appreciation for the speakers, acknowledging their valuable contributions and insightful talks, enriching the gathering with profound insights.

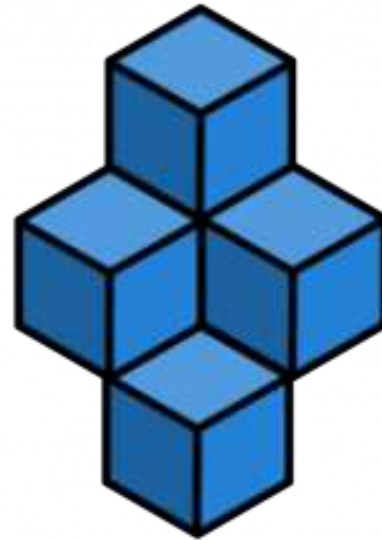


# IEEE Conciencia'2023



# BlockHash LIVE 2023

Kerala Blockchain Academy is gearing up for the 6th Edition of the Annual Blockchain Summit- BlockHash LIVE 2023. The event will occur on the 15th of December at Park Centre, Technopark Campus, Trivandrum. The Annual Blockchain Summit, hosted annually by Kerala Blockchain Academy, is a gathering place for tech experts, world leaders and global changemakers to discuss the applications of blockchain technology for good. Since 2018, BlockHash LIVE has secured its place on the global tech calendar as India's most happening blockchain summit.



# K B A

A premier platform for blockchain elites and a dais for exhibitors, investors, and thought leaders, BlockHash LIVE envisions gathering, connecting and forging new partnerships and sealing lucrative business deals. At BlockHash LIVE 2023, the Kerala Blockchain Summit brings together industry-polishing events focussing on Web 3 Innovation, Entrepreneurship and Society. This year, the annual conclave aims to catalyse the adoption and integration of Decentralised Technologies, Blockchain and Web 3 innovative protocols across various sectors. Through strategic partnerships, educational initiatives and development projects, BlockHash LIVE 2023 seeks to empower Indian businesses, government agencies, and individuals to leverage the full potential of Web3 technologies, fostering a more secure and inclusive digital ecosystem. The event will feature the latest technological disruptions, briefing innovative use cases, tech talks, workshops, and networking opportunities. Prof. Sandeep Kumar Shukla, Professor in the Computer Science and Engineering Department of the Indian Institute of Technology, Kanpur, will deliver the presidential address. Other distinguished attendees include Rathan U Kalkar IAS (E&IT Secretary, Govt. of Kerala), Harishankar IPS ( Superintendent of Police, Cyberdome), Dr Rajasree M S ( Director, Directorate of Technical Education), Vibha Mahajan ( Senior Director, Wiley Pvt Ltd), Sunil Raveendran ( Head of Architecture-Enterprise Solutions, Allianz Technologies), Saran Joseph (Vice President, Federal Bank), etc.

# My Story - Motivational Session by Entrepreneurs

The event was organized on 16th November 2023, by the Institutions Innovation Council in collaboration with the Kerala Blockchain Academy which aimed to motivate the budding entrepreneurs, students, faculty & technocrats with valuable insights and inspiration from accomplished entrepreneurs on building a successful entrepreneurship. Mr.Rajesh Kumar Plamthottatil, Founder & CEO, Trackgenesis was invited as the distinguished speaker for the event. The primary objective of the event was to motivate and inspire aspiring entrepreneurs by showcasing real-life success stories. The Institution's Innovation Council (IIC) aimed to create a platform where established entrepreneurs could share their experiences, lessons learned, and strategies for overcoming obstacles. Mr.Rajesh Kumar Plamthottathil shared about his education background, his transition to entrepreneurship, personal experiences, overcoming challenges & highlighting pivotal moments in his entrepreneurial journey. He had gone into great detail about the benefits and drawbacks of being an entrepreneur. He made sure to explain his connection to Kerala Blockchain Academy. These narratives were not only motivational but also provided practical lessons that participants could apply to their own future ventures.

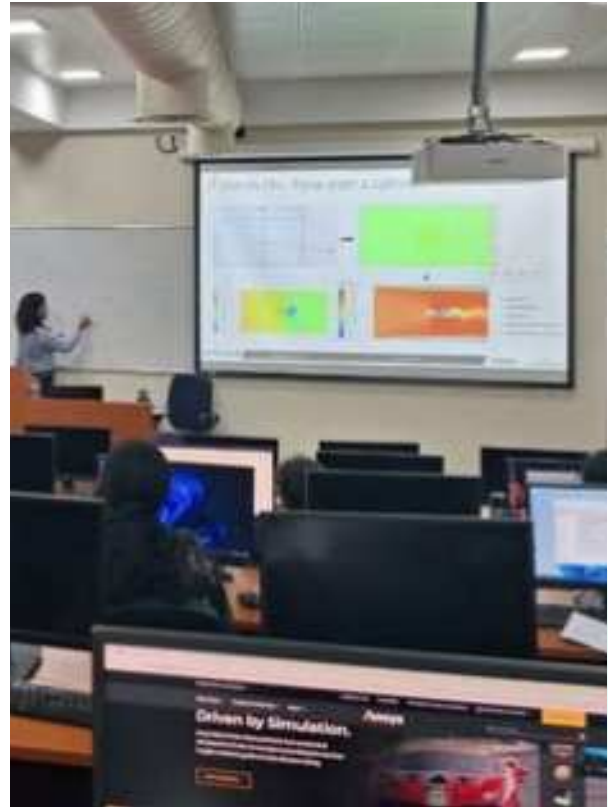


## Entrepreneurial Journey

If we wait until we're ready,  
we'll be waiting for the rest of  
our lives

# One-day workshop on Computational Fluid Dynamics using ANSYS

SOI and IIC, DUK conducted 'One-day workshop on Computational Fluid Dynamics using ANSYS' in association with Entuple Technologies on Nov 30 2023. During the forenoon session, the various capabilities of ANSYS and the concept of Computational Fluid Dynamics were introduced with case studies. In the afternoon session, hands-on training were provided. Computational Fluid Dynamics (CFD) is a field of study that uses numerical methods, algorithms, and computer simulations to analyze and solve problems related to fluid flow and is increasingly being applied in ecological studies to understand and simulate fluid flow in natural environments.



# Workshop on Statistical Learning Methods

By School of Informatics, Digital University Kerala, on November 23, 2023. The one day free workshop was facilitated by distinguished experts: Prof. Sujit Ghosh from the Department of Statistics at North Carolina State University in Raleigh, NC, USA (<https://statistics.sciences.ncsu.edu/people/sghosh2/>), and Prof. Radhendushka Srivastava from the Department of Mathematics at IIT Bombay (<https://www.math.iitb.ac.in/People/faculty.php>). More than 60 participants attended this workshop and interacted with these experts.





# "Hack-X Mini CTF 1.0"

"Hack-X Mini CTF 1.0," hosted by the Hack-X Tech Society at Digital University Kerala on November 11, 2023, was an introductory Capture The Flag competition designed for beginners to delve into the dynamic realm of cybersecurity. With over 40 active participants, the event covered challenges in Web Pentesting, OSINT, Networking, Cryptography, Steganography, and Forensics, serving as a stepping stone for students to explore the diverse landscape of cybersecurity.



The immersive experience of Mini CTF involved hands-on tasks across various cybersecurity domains, allowing participants to enhance their skills in areas such as deciphering cryptographic codes and revealing concealed messages in steganography challenges. The essence of "Capture the Flag" was eloquently expressed as a strategic pursuit that challenges intellect, teamwork, and adaptability, symbolizing victory through skillful maneuvering and unwavering determination. Congratulations were extended to the top performers: Himanshu (1st place), Soumya Pal (2nd place), and Muhammed Anwar Khan (3rd place), highlighting their commitment to mastering the art of cybersecurity. The success of the event was attributed to the unwavering dedication and hard work of the Hack-X Team, CTF Tech Team, including Shreedhar Vantamure, Ashish Inkar, Ravi Prakash Tripathi, Vibhu Nagrath, Arka Ghosh, Adrija Acharyya, Trupti Chavan, and Macgill John F. Their unwavering dedication and hard work played a pivotal role in the success the event and the support from Md Meraj Uddin, Dr. Preetam Mukherjee, and the Kerala Security Audit and Assurance Center (KSAAC) Team.



## Campus Recruitment Drive by Allianz Services

Allianz Services, one of the world's leading insurers and asset managers, conducted a recruitment drive on 2nd November 2023. The recruitment drive began with a pre-placement Business Connect talk, providing valuable insights into Allianz's work culture, expectations, and opportunities for prospective candidates. Following this session, an aptitude test was conducted, attracting the participation of over 100 students from the School of Digital Science and the School of Computer Science. After a meticulous evaluation of the aptitude test results, a select number of students were shortlisted to proceed to the next stages of the recruitment process. These shortlisted candidates successfully underwent Level 1 and Level 2 technical rounds at a later date in their office at Technopark.



## Campus Recruitment Drive by H&R Block



H&R Block conducted a campus recruitment drive on 10th November 2023 at our campus. The recruitment drive was exclusively tailored for MSc Cyber Security students. The drive commenced with a comprehensive pre-placement talk where H&R Block provided valuable insights into the company's ethos, career prospects, and expectations for potential candidates. Following the talk, a total of 58 MSc Cyber Security students actively participated in the recruitment process, which included an aptitude test and subsequent technical and managerial interviews.

# A session on “Global job opportunities for ML and Deep Learning”

A session on Global Job Opportunities for ML and Deep Learning was expertly delivered by Mr. Prasad, Programme Manager, and Training Head at GBS Plus Management, Trivandrum. Specifically tailored for first-semester students, the session aimed to provide valuable insights into the vast job opportunities available in Machine Learning (ML) and Deep Learning. Mr. Prasad, with his wealth of experience, shared vital industry trends, emerging roles, and the global landscape of careers in ML and Deep Learning.



## Placement Week at DUK

Training and Placement Cell, Digital University Kerala conducted Placement week from 27th November 2023 to 1st December 2023. The primary objective is to bridge the gap between industry and academia and serve as a platform for employers to connect with our talented students, providing opportunities to build their brand, recruit top-tier talent, and foster valuable networking connections. This initiative was designed to create a conducive environment for meaningful interactions, mutual understanding, and the seamless integration of academic knowledge with industry requirements. Six esteemed companies actively conducted their recruitment processes, engaging with our dynamic pool of students.

## Campus Recruitment Drive by Ecesis Group

Ecesis Group, a 14 year old company specializing in Digital Marketing & Software Development, conducted their campus recruitment drive on 27th November 2023. The recruitment drive, was targeted at MSc Computer Science and Digital Science students for the position of Software Engineer. A total of 125 students registered and participated in the initial aptitude test. Following this stage, a meticulous shortlisting process led to further evaluation through technical interviews. Subsequently, 19 students were invited to the machine test, showcasing their practical skills relevant to the Software Engineer role.



## Campus Recruitment Drive by Excellidia Ventures

Excellidia Digital Innovation, an international brand anchored in management consulting and digital innovations conducted the initial process of campus recruitment drive virtually. MSc Cyber security students, MSc Ecological informatics and MBA students are eligible for the recruitment process. They started their virtual campus recruitment drive with MSc Cyber security students.

## Campus Recruitment Drive by Ospyn Technologies

Campus recruitment drive was conducted by Ospyn Technologies, a prominent Content Services Platform vendor specializing in low-code DMS, BPM, and process automation solutions. Ospyn Technologies boasts a robust client base across India, the Middle East, and Africa. The recruitment drive, held on November 28th, 2023, began with an insightful pre-placement talk, providing students with valuable insights into Ospyn's industry presence and career opportunities. Subsequently, an aptitude test was administered, attracting the participation of 67 students from MSc Computer Science and Msc Digital Science. Following the aptitude test, 37 candidates were shortlisted to proceed to the group discussion stage, which comprised six rounds. This comprehensive process assessed candidates' communication skills, problem-solving abilities, and teamwork. The final round of interviews took place at their office on November 30th and December 1st, 2023, providing a more in-depth evaluation of the shortlisted candidates.



## A session on 'B2B Sales: From Lead Generation to Client Acquisition

A session on B2B Sales: From Lead Generation to Client Acquisition was conducted on 28th of November 2023 afternoon by Mr.Amit Batra, Manager, Corporate Marketing Research & advisor, Tata Consultancy Services. This informative session was attended by first-year and second-year MBA students, providing them with valuable insights into the intricacies of B2B sales. Mr. Batra shared his extensive knowledge and experience, focusing on lead generation strategies and the critical steps involved in client acquisition in the corporate world.



## Campus Recruitment Drive by Manappuram Finance Limited

Manappuram, one of the leading non-banking financial services companies, conducted its campus recruitment drive on 29th November 2023 and 30th November 2023. The event started with an engaging pre-placement talk, allowing students to gain insights into Manappuram's industry standing and career opportunities.



The recruitment drive targeted specifically MSc Computer Science, MSc Digital Science, and MBA students, focusing on Manager and Assistant Manager positions, and more than 100 students attended the drive. The comprehensive process aimed at identifying top-tier talent for key managerial roles within the organization.

## Campus Recruitment Drive by Chubb

Chubb, the world's largest publicly traded P&C insurance company and the leading commercial lines insurer in the U.S. With operations in 54 countries and territories conducted their virtual campus recruitment drive on 30th November 2023. The shortlisted candidates had their online aptitude test and Level 1 technical interviews. The students from MSc Computer Science and MSc Digital Sciences participated in the drive. This initiative reflects Chubb's commitment to identifying and fostering top-tier talent from our institution.



## Campus Recruitment Drive by Innovation Incubator

Innovation incubator conducted a recruitment drive on 1st December 2023. The drive targeted students from diverse backgrounds, including MSc Computer Science, MSc Digital Science, and MBA programs. The event commenced with an insightful pre-placement talk, providing a platform for the candidates to gain valuable insights into the ethos of the Innovation Incubator and the opportunities available. Subsequently, 45 shortlisted candidates participated in a series of interviews as part of the recruitment process.



# Congratulations!

#placed



Associate Security Engineer

**Malavika D**

**Congratulations on your well-deserved success!**

May success follow you in every future endeavor you undertake in H&I Block

547 2788000 | placement@duk.ac.in

#placed



Associate Security Engineer

**Lakshmi Sundar**

**Congratulations on your well-deserved success!**

May success follow you in every future endeavor you undertake in H&I Block

547 2788000 | placement@duk.ac.in

#placed



Application Security Tester

**MOHAMED ANSAF**

**Congratulations on your well-deserved success!**

May success follow you in every future endeavor you undertake in H&I Block

547 2788000 | placement@duk.ac.in

#placed



Associate Security Engineer

**Arka Ghosh**

**Congratulations on your well-deserved success!**

May success follow you in every future endeavor you undertake in H&I Block

547 2788000 | placement@duk.ac.in

# Congratulations!

#placed



**IT Data Scientist**

**Roshan T**

**Congratulations on your well-deserved success!**

May success follow you in every future endeavor you undertake in Allianz Services Pvt Ltd

0471 2788002 | [placement@duk.ac.in](mailto:placement@duk.ac.in)

#placed



**Data Scientist**

**Ridha K P**

**Congratulations on your well-deserved success!**

May success follow you in every future endeavor you undertake in Allianz Services Pvt Ltd

0471 2788002 | [placement@duk.ac.in](mailto:placement@duk.ac.in)

#placed



**Application Support**

**SREEGOP C S**

**Congratulations on your well-deserved success!**

May success follow you in every future endeavor you undertake in H&M Global

0471 2788002 | [placement@duk.ac.in](mailto:placement@duk.ac.in)

#placed



**Associate Security Engineer**

**Adrija Acharyya**

**Congratulations on your well-deserved success!**

May success follow you in every future endeavor you undertake in H&M Global

0471 2788002 | [placement@duk.ac.in](mailto:placement@duk.ac.in)



## DUK-Allianz: Empowering Student Volunteers Through Leadership Interaction and Joint Activities

On 30 November 2023, the Social Engagement Centre of DUK conducted a collaborative event at the DUK campus with Allianz Technology, part of @Allianz, one of the major international financial services providers. The event was organized as part of the celebrations of 20 years of operations of Allianz India. Marius Eugler, Chief Technology & Transformation Officer @AllianzTechnology, engaged with the students, providing insights into sustainability, industry, and the relevance of acting today for a better future. Thanooja Sasidharan, Rani Sasikumar and many other Allianz Technology employees joined him during the session. Marius was curious about the various initiatives they lead in the local community on digital literacy for older adults, understanding the root cause of water pollution and trying to reduce it. The aim was to cultivate ideas on sustainability and industry, the social responsibility of the industry and the individual, and collective responsibility towards sustainability among students. The event also contributed to the University's Green Campus Initiative by planting saplings at the university campus. Critically endangered tree saplings were planted based on their suitability to the soil type and climate of the area. The student volunteers from the Social Engagement Centre also spoke about various social engagement activities in which they have participated. It was refreshing to have a senior executive and his team from the industry spending quality time to connect with students directly to understand their challenges and future areas of engagement.





# Development of Rural Education and Mentoring Scheme (DREAMS )

The Social Engagement Centre and Innovation Club of The Digital University Kerala and Pullampara Grama Panchayat jointly initiated a six-month project, Development of Rural Education and Mentoring Scheme (DREAMS), for the school students in the Pullampara Panchayat. On November 11, Prof. Saji Gopinath, Vice Chancellor of Digital University Kerala, inaugurated the project in the presence of the Pullampara Panchayat President, other panchayat representatives, and the parents of the students.



The project will give exposure to the students to various emerging technologies and career possibilities. Also, the program provides a platform for personality development, confidence building, teamwork, and personal financial management, developing a scientific temper, and being responsible global citizens. Members of DUK faculty are expected to interact with the students on AI and Data Analytics, Geospatial Analytics, Ecology and Ecological Informatics, Cybersecurity, Blockchain, Electronics, IoT, Leadership, and personality development. Furthermore, the Social Engagement Centre and Innovation Club volunteers will mentor the students while the latter identifies a social problem and finds technological solutions for the particular problem.



## Review Meeting with Pothencode Panchayat

The Social Engagement Centre of DUK has fostered a meaningful collaboration with the Pothencode Panchayat to drive various developmental initiatives in the Panchayat. A review meeting was organized on 9th November 2023 at DUK; key stakeholders were present, including the President, Vice President, and Ward Member of Keezhthonnekkal village from the Pothencode Panchayat.

During the meeting, it was decided that the Social Engagement Centre of DUK would coordinate water resource mapping and conduct water quality tests in the Pothencode Panchayat. This initiative reflects the commitment of both institutions to address critical issues and contribute to the community's sustainable development.

## Allianz-DUK Award for the Best Digital Innovation for Social Impact

Marking the 20-year milestone in India, Allianz partnered with DUK to launch the Award for the Best Digital Innovation for Social Impact that recognizes socially committed brilliant minds. The award was constituted by Allianz, who found synergy with Digital University Kerala, whose motto is-"Curating a responsible digital world". This award is a platform to highlight and celebrate the innovative efforts of the students from the Digital University Kerala to make a positive impact in local communities using digital technology as a force for good through its Social Engagement Centre. It acknowledges the importance of using technology to address today's most pressing challenges.

Dr. Barbara Karuth-Zelle, Member of the Board of Management of Allianz Group and Prof. Saji Gopinath, Vice Chancellor, DUK, launched the award, presented on stage by Jison John, CEO and MD, Allianz Services India. The event was attended by several board members, top management and employees of Allianz. Pradeep Kumar K, Coordinator, represented the Social Engagement Centre, DUK.



# Water Resource Mapping - Pothencode Panchayat

On the 25th of November 2023, As part of the Integrated Water Resource Management (IWRM), a water resource mapping was conducted in Pothencode Panchayat, focusing on mapping the Chitranjali Stream and its various branches. The survey, led by a team of 16 participants, comprised 11 students from the MSc Data Science and Geoinformatics branch and four from the MSc Ecology program at Digital University Kerala. Prof: Pradeep Kumar K, Coordinator Social Engagement Centre, Digital University Kerala, Prof: Radhakrishnan T Assistant Professor, School of Digital Sciences, Vice President Anitha Kumari, Miss Aswathy, and dedicated interns from the Jalam team of Haritha Keralam Mission participated in the survey. The participants were divided into two teams, each assigned specific wards for stream mapping. Team A covered the stream flow from Pothencode Town Ward, Vavarambalam, Nedajipuram, and Puliveedu Ward, while Team B undertook the mapping of the stream from Thachappally Temple to Vengodu, encompassing Thachapally, Vengodu, and Edathara Wards. The utilization of modern technological tools, including the ODK Collect application, OSM Tracker application, and OpenStreetMap, proved instrumental in streamlining the mapping process. Live pictures were taken and geotagged at various locations along the stream, enhancing the accuracy of the collected data. One notable aspect contributing to the survey's success was the invaluable assistance from the local people and Pothencode Panchayat members. Their cooperation and local knowledge greatly facilitated the survey, ensuring a more nuanced understanding of the terrain and potential vulnerabilities. The collaborative effort between the survey team and the local community underscored the significance of community engagement in environmental initiatives. The collected data, coupled with the support of the local populace and Panchayat members, will undoubtedly contribute to effectively implementing water resource mapping fostering sustainable water resource management in the region.



# SEC Core Associates

The New Student Leaders of Social Engagement Centre



**Jeslin Saji**

MSc in DATA ANALYTICS with  
specialization in Geoinformatics  
School of Digital Sciences(SoDS)



**Haleema.M.A**

MSc in DATA ANALYTICS with  
specialization in BioAI  
School of Digital Sciences(SoDS)



**Pranathi**

MSc Ecology with specialization in  
Ecological Informatics  
School of Informatics(SoI)



**Aswathy. M**

MSc in DATA ANALYTICS with  
specialization in Geoinformatics



**Sai Shankar G Nair**

MSc Ecology with Specialization in  
Ecological Informatics



**Riya Roy**

MSc Ecology with Specialization in  
Ecological Informatics



**Abhiram S**

MSc in DATA ANALYTICS with  
specialization in BioAI



**ShahanaTK**

MSc in DATA ANALYTICS with  
specialization in BioAI



**Ashique Sherief**

Master of Business Administration



**Megha S Manoj**  
Master of Business Administration



**Shahad**  
MSc Computer Science with Data  
Analytics



**Sivakami P**  
MSc in DATA ANALYTICS with  
specialization in BioAI

**Prajantra winners : DUK students participated in the QUIZ competition as part of the Prajantra programme- the national Youth Festival. Muhammed Ajmal T and Denil Tom Jaison who participated as a team from DUK won the first round of the online quiz competition.**



**Muhammed Ajmal T**  
MSc Computer Science Specialization  
in Data Analytics



**Denil Tom Jaison**  
MSc Computer Science Specialization  
in Data Analytics

## Ethnic Day'23

The vibrant spirit of cultural diversity came alive at DUK on November 2nd. The Student Council executed the Ethnic Day celebration, and the entire college campus witnessed a spectacular display of cultural richness and traditional attires as students proudly donned their ethnic dresses. The day kicked off with a morning filled with an array of cultural ethnic programs and games that showcased the talent and enthusiasm of the students. Traditional dances, music performances, and fun competitions added a lively and colorful touch to the festivities, providing a platform for students to express and celebrate their cultural heritage.

The highlight of the afternoon was the eagerly anticipated Kerala Sadhya, a traditional feast that captivated the taste buds of all attendees. The energy levels peaked in the afternoon with more dance performances like Thiruvathira and other fun games. Later on, the most hyped cultural competition in Kerala commenced – the Tug of War. Teams passionately engaged in friendly yet competitive battles, creating a thrilling atmosphere that resonated with cheers and applause from the enthusiastic crowd. The spirit of sportsmanship and teamwork was evident throughout the competition.

As the sun began to set, the grand finale of the event unfolded with a captivating Sinkari Melam. The rhythmic beats of instruments echoed across the campus, creating a dynamic vibe that had everyone on their feet. The powerful performance brought the day to a resounding close, leaving a lasting impression on the wide range of ethnic heritages that we, the people of India, share. The event generated lots of cheerful memories and strengthened the celebration of our diverse cultural tapestry.







## CINEMATHON'23

Cinemathon, a 40-hour short film challenge, was successfully conducted at Digital University Kerala (DUK) by the film club CleanCut Cinemas. The competition, the first of its kind, received significant support from the Student Council and took place from October 25th to 27th, 2023. A day prior to the challenge, a meeting was convened to discuss the rules and regulations, featuring a comprehensive Q&A session. On the evening of October 25th at 5 pm, teams were given their topics, sparking a flurry of activity as scriptwriting, casting, and other preparations commenced. Throughout the process, teams diligently shared behind-the-scenes glimpses of their filmmaking journey. The deadline on the morning of October 27th at 9 am saw an impressive feat - all teams successfully submitted their short films. The judging panel comprised esteemed professionals in the film industry: Mr. Akhil V J, Assistant Director of 'Kannur Squad,' and Mr. Pradhwi Rajan, Production Designer of 'Malaikotte Valiban.' Fast forward to November 24th, 2023, at Gallery Hall 45, where the Prize Distribution and film screenings unfolded. Arsha Venkitakrishnan guided the event as the anchor, and Abin Mohammed Nizam delivered a warm welcome speech. Distinguished guests, Mr. Gopakumar V, Head of Knowledge Center DUK, and Mr. Md Meraj Uddin, Chair of Students' Affairs DUK, shared inspiring words.

The screening of the seven short films captivated the audience, with both students and chief guests eagerly witnessing the cinematic creations. Subsequently, the winners were honored. The Best Actor award was shared by Anjana Ajayan (Film: "Embers of Connection"), Anupama Santhosh (Film: "I am Perfect"), and Shyam Chandran (Film: "Aazham"). The Best Cinematographer award went to Manav C Santhosh and Jaidev S Ram (Film: "Aazham"). The Best Editor award was shared by N S Vishal (Film: "Lucidity") and Manav C Santhosh, Nikhil C R (Film: "Aazham"). The Best Director award was secured by Sai Shankar G Nair, Abin Mohammed, K Vedaprasad (Film: "Lucidity"). The Best Film award was given to 'Notes of Healing,' while the Most Popular Film award, determined by live voting, went to 'Aazham.' Concluding the event, Govind G extended heartfelt thanks to the guests and attendees, also announced CleanCut Cinema's plans for a weekly screening of the noteworthy films from the industry for students to enjoy. The event concluded on a high note, marking a memorable chapter in the cinematic journey of DUK.



# Diwali'23

On the evening of November 12th, 2023, the spirit of Diwali illuminated the campus of Digital University Kerala(DUK) as students came together to organize and participate in the celebration, Diwali'23. The entire event, conducted by the students themselves, turned out to be a resounding success, fostering a sense of unity and joy among the diverse student body.

The festivities kicked off in the early evening, with students joining forces to light up the campus with traditional lamps. The warm glow created a festive atmosphere, setting the stage for a night to rejoice. Campus pathways were beautifully decorated with intricate Rangolis, showcasing the artistic talents of the students of DUK. As the night progressed, the sky came alive with bursts of colorful firecrackers, adding a spectacular visual dimension to the celebration. The air was filled with the joyous sounds of crackers, creating an ambiance of festivity that resonated throughout the college.

Later on the celebration featured a luminous display of paper lanterns, skillfully set afloat by the students. These lanterns gracefully floated above the campus, casting a glow of smile all over the gathering. The success of the event was evident in the diverse participation, the communal spirit transcended cultural differences, fostering a sense of unity among the student body. The festive spirit lingered even after the event, as the Student Council took the initiative to distribute sweets to all students the following day. Overall the Diwali'23 was a remarkable event that showcased the collective enthusiasm and creativity of the student community.



# ANNUAL SPORTS MEET 2023 AT LNCPE ATHLETIC GROUND

The 2nd Annual Sports Meet of DUK was inaugurated by Paralympic hero Mr. Sidhartha Babu on November 26, 2023, at the LNCPE Athletic Ground, Kariyavattom. Presided over by the Honorable VC, Prof (Dr) Saji Gopinath, and facilitated by Dean Development, Prof (Dr) Asharaf S, the inaugural function set the tone for a day filled with memorable athletic competitions. Over the past month, the organizing committee demonstrated exceptional efficiency in planning and executing a diverse range of sports and athletic events. The event not only celebrated the spirit of sportsmanship but also showcased the dedication of participants and organizers alike. The successful execution of the 2nd DUK Annual Sports Meet stands as a testament to the DUK's commitment to fostering a vibrant and inclusive sporting culture.







The day was marked by a series of memorable athletic competitions, reflecting the culmination of our collective engagement in the sports spirit over the past month. The successful organization and execution of the majority of sports and athletic events within a short time frame were made possible through the dedicated and timely efforts of many students and staff. Special acknowledgment goes to the Physical Education Consultant and Student Council Secretary, Mr. Nithin KS, and Student Council Sports Secretary, Mr. Sharon Shibu, for their consistent hard work and contributions to the success of these events.



# CHESS

The registrar, Prof (Dr) A. Mujeeb inaugurated the chess tournament on October 6, 2023. Twelve teams actively participated in the DUK chess tournament. It was a thrilling showcase of strategic prowess and competitive spirit. Players from diverse backgrounds converged to engage in intense battles of wit and skill, demonstrating exceptional chess acumen throughout the event. The event not only celebrated the artistry of chess but also highlighted the resilience and sportsmanship inherent in this intellectual pursuit.



Registrar, Prof (Dr) A. Mujeeb, inaugurating Chess Tournament on Oct 6, 2023





## Carrom

The recently concluded carrom tournament at DUK was inaugurated by the Dean Development & HR, Prof (Dr) Asharaf S on October 9, 2023. Twelve enthusiastic teams actively participated, showcasing their skills and precision in this classic tabletop game. The tournament not only celebrated the spirit of healthy competition but also fostered a sense of sportsmanship and community among the participants.



Dean Development & HR, Prof (Dr) Asharaf S, inaugurating Carrom Tournament on Oct 9, 2023





## Table Tennis

The highly anticipated Table Tennis Tournament took place on October 19, 2023, and was inaugurated by the Faculty Chair of Placements, Dr. Sini V Pillai. Six teams enthusiastically participated in the DUK Table Tennis Tournament. Beyond being a mere clash of paddles, the table tennis competition evolved into a celebration of athleticism, sportsmanship, and the sheer thrill of the game. The room buzzed with adrenaline as competitors showcased their unmatched agility, precision, and strategic brilliance. Each point became a heart-pounding duel, pushing the limits of skill and determination.



## DUK SPORTS TABLE TENNIS COMPETITION

# WINNERS

### SECOND PRIZE



Red Ox

### FIRST PRIZE



Yellow Raptors

### THIRD PRIZE



Green Falcons

# Badminton

The Chief Administrative Officer, Wing Commander Mr Vijit Juyal inaugurated the badminton tournament on November 4, 2023 at Technopark, Phase 1. Twenty Four teams actively participated in the DUK Badminton tournament. The badminton competition was a high-octane showcase of power, finesse, and lightning-fast reflexes. The intense rallies, lightning-fast smashes, and strategic finesse had left spectators breathless. The post-game scene was a mix of happiness and exhaustion as players, sweat-soaked and smiling, exchanged hearty congratulations. In the end, the badminton competition wasn't just a series of matches; it was a testament to the spirit of sportsmanship and the pursuit of excellence



# Cricket

The Deputy Registrar (Administration), Mr. Murali R inaugurated the Cricket Tournament on November 9, 2023. A total of six teams participated in the DUK Cricket Tournament. Our cricket competition was a symphony of skill, strategy, and unbridled passion for the game. It was a thrilling showcase of strategic prowess and competitive spirit.



**Cricket - First Prize - Grey A**



**Cricket - Second Prize - Yellow Raptors**



**Cricket - Third Prize - Grey B**

# Football

The DUK Football Tournament was conducted on November 15 and 16, 2023, and was inaugurated by Prof. KG Satheesh Kumar. A total of 11 teams participated in the DUK Football Tournament. The pitch came alive with the thunderous roar of the crowd, and the air was charged with the anticipation of breathtaking goals and jaw-dropping saves. Players exhibited finesse as they dribbled, weaving through defenders like magicians, while the goalkeepers stood tall as the last line of defense. The football competition was nothing short of a spectacle, showcasing skill, teamwork, and sheer determination.





**Football (Women's) - First Prize - Yellow Raptors**



**Football (Women's) - Second Prize - Green Falcons**



**Football (Women's) - Third Prize - Grey A**





**Football (Men's) - First Prize - Blue Buzzards**



**Football (Men's) - Second Prize - Green Falcons**



**Football (Men's) - Third Prize - Red Ox**

## Volleyball & Throwball

A total of five teams took part in the DUK Volleyball Tournament and a total of four teams participated in the DUK Throwball Tournament that was conducted on 18 November, 2023. Our Volleyball and Throwball event was a dynamic spectacle of athleticism and strategy. The court became a canvas for high-flying spikes, lightning-fast digs, and strategic throws, creating a mesmerizing fusion of two exciting sports. It was a celebration of versatility, where athletes embraced the challenge of mastering two distinct sports, creating a unique synergy that elevated the competition to new heights. In the end, the Volleyball and Throwball event wasn't just a competition; it was a dynamic showcase of agility, teamwork, and the joy of embracing the unexpected.





**Volleyball - First Prize - Red Ox**



**Volleyball - Second Prize - Yellow Raptors**



**Volleyball - Third Prize - Blue Buzzards**



**Throwball - First Prize - Red Ox**



**Throwball - Second Prize - Yellow Raptors**



**Throwball - Third Prize - Green Falcons**

# Publications

- Bhagavathi, A., Bonam, S., Joseph, J., Singh, S. G., & Vanjari, S. R. K. (2023). Silk Thin Film-Based Triboelectric Nanogenerators for Energy Harvesting Applications. IEEE Sensors Letters.
- Elangovan, K., & Sreekantan, A. C. (2023). An Efficient Digital Readout for Four-Lead Resistance Thermometers. IEEE Sensors Letters.
- Ashique Sherief, Muhammed Fayas et.al (2022). Fruit Disease Detection Using CNN. International Journal of Computer Science Trends and Technology (IJCST) Volume 10 Issue 3, May-Jun 2022.
- Md Meraj Uddin, Roopak Surendran, Gokul Gopakumar Rema, Tony Thomas (2023). A Data Flow-Based Approach for Classification and Risk Estimation of Android Apps. IEEE International Conference on Recent Advances in Systems Science and Engineering (RASSE).
- Roopak Surendran, Md. Meraj Uddin (2023). On Impact of Semantically Similar Apps in Android Malware Datasets. IEEE International Conference on Recent Advances in Systems Science and Engineering (RASSE).

## *Invited Talk*

- Dr. Sinnu Susan Thomas has been invited to deliver a talk on Conditional Generative Models in Computer Vision at the TinkerHub Foundation in Kochi on November 25, 2023.

## Platform of the Month

# Vidwan



(<https://vidwan.inflibnet.ac.in/t>)

VIDWAN is the premier database of profiles of scientists/researchers and other faculty members working at leading academic institutions and other R & D organisations involved in teaching and research in India. It provides essential information about the expert's background, contact address, experience, scholarly publications, skills and accomplishments, researcher identity, etc. The database was developed and maintained by the Information and Library Network Centre (INFLIBNET) with financial support from the National Mission on Education through ICT (NME-ICT). The database would be instrumental in selecting panels of experts for various committee taskforces established by the Ministries / Govt. establishments for monitoring and evaluation purposes.



Vidwan aims to efficiently offer information about experts to peers, potential collaborators, funding agencies, policymakers, and research scholars in the country. It seeks to identify suitable peer reviewers for articles and research proposals, discover potential collaborators for ongoing research projects, and enable direct communication between users and experts possessing the required expertise. The platform strives to foster information exchanges and networking opportunities among scientists, facilitating seamless connections within the academic and research community.



## Software of the month

# PSPP

(<https://www.gnu.org/software/pspp/faq.html>)

PSPP is a software designed for the statistical analysis of sampled data and serves as a cost-free alternative to the proprietary SPSS program. A primary objective of the PSPP project is to ensure compatibility with the SPSS language. Key features of PSPP include high-quality output formatting, an intuitive graphical user interface, and a command line interface for efficient analysis by experienced users. The software encompasses a comprehensive array of commands for data preprocessing, analysis, and visualization, offering versatility in statistical operations. Moreover, PSPP prioritizes portability, being adaptable to a wide range of platforms. The software includes numerous transformations and utilities, with procedures enabling users to conduct various analyses such as t-tests, ANOVA, linear regression, logistic regression, cluster analysis, reliability analysis, factor analysis, non-parametric tests, and more.

**GNU PSPP**

PSPP Home | Download | Quick Tour | FAQ | Doc

**PSPP 2.9.0-pre3 has been released.**

GNU PSPP is a program for statistical analysis of sampled data. It is a [free](#) [and](#) [flexible](#) replacement for the proprietary program SPSS, and appears very similar to it with a few exceptions.

The most important of these exceptions are, that there are no "time bombs", your copy of PSPP will not "expire" or deliberately stop working in the future. Neither are there any artificial limits on the number of cases or variables which you can use. There are no additional packages to purchase in order to get "advanced" features, all functionality that PSPP currently supports is in the core package.

PSPP is a stable and reliable application. It can perform descriptive statistics, T-tests, anova, linear and logistic regression, measures of association, cluster analysis, reliability and factor analysis, non-parametric tests and more. Its backend is designed to perform its analyses as fast as possible, regardless of the size of the input data. You can use PSPP with its graphical interface or the more traditional system commands.

A brief list of some of the PSPP's features follows below. We also made available a page with [screenshots](#) and [sample output](#). PSPP has

- Support for over 1 billion cases.
- Support for over 1 billion variables.

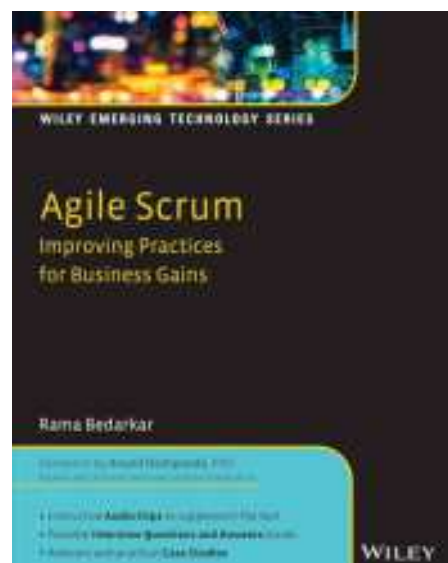
# New Additions to the Knowledge Centre Collection

## Agile Scrum: Improving Practices for Business Gains

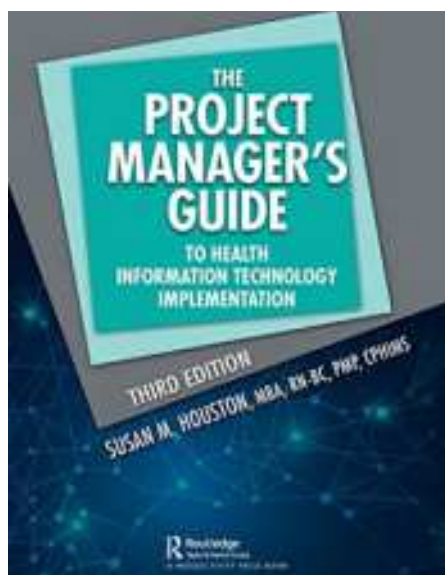
Agile Scrum: improving practices for business gains is for beginners in Scrum to deploy the practices in disciplined manner; for software project management executives to achieve their KPIs by mapping them to Scrum practices; for the leadership to achieve organization agility by adopting the Scrum values to empower their teams; and for Scrum practitioners and consultants to learn from the author's experience.

Source: AMAZON

Bedarkar, Rama (2020) Agile Scrum: Improving Practices for Business Gains. New Delhi, Wiley



## The Project Manager's Guide to Health Information Technology Implementation



This book focuses on providing information on project management specific for software implementations within the healthcare industry. It can be used as a guide for beginners as well as a reference for current project managers who might be new to software implementations. Utilizing the Project Management Institute's (PMI) methodology, process groups and knowledge areas are defined as they relate to implementing custom and commercial off-the-shelf (COTS) software. The Software Development Life Cycle (SDLC) is a standard for developing custom software, but can also be followed for implementing COTS applications as

well. How will the system be set up from an architecture and hardware standpoint? What environments will be needed and why? How are changes managed throughout the project and after? These questions and more will be reviewed.

Source: Publisher : [www.routledge.com](http://www.routledge.com)

Houston, Susan M (2022) The Project Manager's Guide to Health Information Technology Implementation. Boca Raton, Routledge

## Wiley Innovation Black Book Enterprise 4.0

Truly the Voice of the Industry, the Wiley Innovation Black Book is an annual presentation by Wiley, bringing together the collective wisdom of industry thought leaders in form of possibilities and future scenarios of how the technology and businesses of the future are expected to transform. The theme of Wiley Innovation Black Book 2020 is Enterprise 4.0—the Enterprise of the Future. The truly digital enterprise in Industry 4.0 centers around digital business models and customer experiences, augmented by digital interfaces and data-based innovative processes, products, services and capabilities.



Source: AMAZON

Wiley (2020) Wiley Innovation Black Book Enterprise 4.0. Haryana, Wiley

## Sport Operations Management and Development: An Applied Approach

This essential textbook introduces the work of sport management and sport development from the perspective of the day-to-day operational challenges faced by managers and sport development officers. It addresses the practicalities of designing and delivering sport services safely, efficiently and effectively, for profit or in non-profit contexts. The book covers core topics such as time management, project management, customer care, developing partnerships, fundraising, crisis management and research. It adopts a problem-based learning approach, with a strong, practical focus



on putting theory into practice, to illustrate good practice and to help the reader develop sound operational skills, knowledge and decision-making, underpinned by the principles of safety, effectiveness and efficiency.

Source: AMAZON

Piekarz, Mark (2021) Sport Operations Management and Development: An Applied Approach. London, Routledge.

## The Innovation Mindset: Eight Essential Steps to Transform Any Industry



Innovation requires more than a eureka moment. The vast majority of new product ideas never make it to market. Typically, this is because of the failure to address a real problem that a customer has experienced and is willing to pay to have solved. What do people and businesses need to know about the realities of innovating in order to develop products successfully? Lorraine Marchand—a seasoned practitioner who has guided Fortune 500 companies and start-ups on developing and launching new ideas—lays out a step-by-step framework for spurring success. She shares her eight laws of innovation, a formula for driving significant and lasting transformation in any organization. Marchand emphasizes the frame of

mind needed to spark the innovation process, underscoring the importance of creating a problem-solving culture and supporting personal curiosity, passion, and talent.

Source: [AMAZON](#)

Marchand, Lorraine H Hanc, John(2022) *The Innovation Mindset: Eight Essential Steps to Transform Any Industry*. New York, Columbia Business School

## Creating Comedy Narratives for Stage and Screen

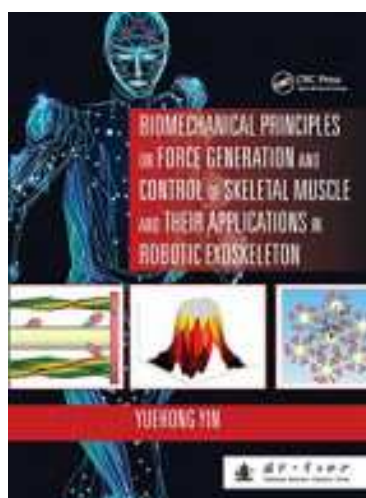
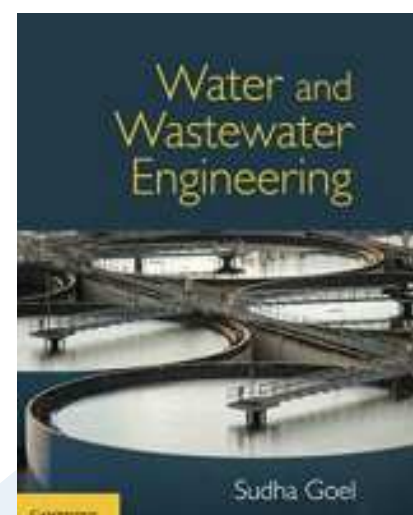
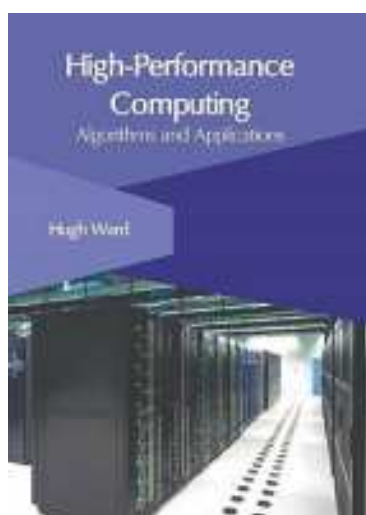
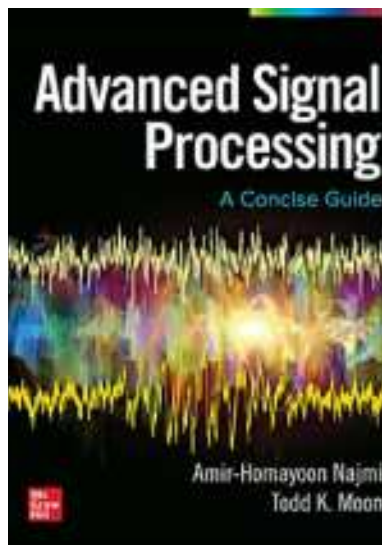
This accessible and engaging text covering sketch, sitcom and comedy drama, alongside improvisation and stand-up, brings together a panoply of tools and techniques for creating short and long-form comedy narratives for live performance, TV and online. Referencing a broad range of comedy from both sides of the Atlantic, spanning several decades and including material on contemporary internet sketches, it offers all kinds of useful advice on creating comic narratives for stage and screen: using life experience as raw material; constructing comedy worlds; creating comic characters, their relationships and interactions; structuring sketches, scenes and routines; and developing and plotting stories.



Source: [Bloomsbury Publishing](#)

Head, Chris (2021) *Creating Comedy Narratives for Stage and Screen*. London, Methuen Drama

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