



NEWSLETTER

AUGUST 2025

**Kerala University of Digital Sciences, Innovation
and Technology
(Digital University Kerala)
Thiruvananthapuram**



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+91-471-2788000



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79th Independence Day Celebration

The Kerala University of Digital Sciences, Innovation and Technology (Digital University Kerala) celebrated the 79th Independence Day on 15th August 2025, with great enthusiasm and patriotic fervor. The programme was organized by Vidya B. S., Physical Education Consultant, in association with the Student Council.

The celebration began at 8:30 AM with the National Flag hoisting by the Honourable Vice Chancellor, Prof. (Dr.) Ciza Thomas, followed by the singing of the National Anthem. This was succeeded by a flag parade by the university security staff and the National Pledge, led by Mr. Yousaf from the Sports Club Security.

In her address, Prof. (Dr.) Ciza Thomas, Vice Chancellor, highlighted the significance of Independence Day and urged the students and staff to uphold the values of unity, integrity, and dedication towards the progress of the nation. The gathering was also addressed by Mr. Murali R., Deputy Registrar (Administration), and Dr. Jayashankar, who both reflected on the importance of freedom, responsibility, and the role of youth in shaping the nation's future.

As part of the cultural programme, Sanath (Students Council Secretary) delivered a speech on Independence Day, followed by a patriotic song presented by Ameen and team (SoESA), and a dance performance by Ashna Mariam and team (SoESA). The programme was gracefully hosted by Anupama (2nd year SoESA).

The event concluded with a vote of thanks delivered by Mr. Meraj Uddin, after which sweets were distributed among all participants. A group photo was also taken to mark the memorable occasion and capture the spirit of unity and celebration. The celebration was a memorable occasion, instilling a sense of patriotism and unity among the students, staff, and faculty of Digital University Kerala.





Onam Celebrations at Digital University Kerala - Pappadam' 25

Onam Celebrations at Digital University Kerala (DUK) was celebrated on Wednesday, 27th August 2025, at the DUK campus. This year's celebration is being jointly organized by staff and students, making it a truly special occasion for the entire DUK community.

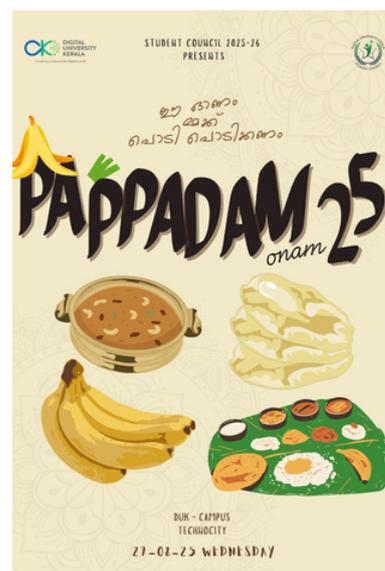
The festivities featured:

Athapookalam (floral carpet) competition

Grand Onasadya (traditional feast)

Cultural programs and fun activities showcasing the vibrant spirit of Onam

Dr. Mujeeb A, Registrar inaugurated the function by lighting the lamp and gave the welcome speech.





State-wide roll out of e-Samrudha: A Significant Digital Milestone in Animal Husbandry Led by CDIPD, DUK

The state of Kerala marked a historic milestone on 30th August 2025 with the statewide inauguration of the e-Samrudha Digital Platform and Mobile App, launched by Hon. Minister for Animal Husbandry & Dairy Development, Smt. J. Chinchurani, at Pathanamthitta district in the presence of Hon. Deputy Speaker Sri. Chittayam Gopakumar and other elected representatives and senior department officials. The platform represents a transformational leap in veterinary and livestock healthcare, blending technology, governance, and farmer welfare into a seamless digital ecosystem.

The entire platform was conceived, designed, developed and implemented by the Centre for Digital Innovation and Product Development (CDIPD) under the Digital University of Kerala (DUK). With this launch, CDIPD has demonstrated its capacity not only to innovate but also to deliver large-scale, mission-critical digital platforms with direct social impact. It stands as one of the major achievements of the University, showcasing the ability of DUK to translate research and innovation into real-world, statewide transformation.

From the outset, CDIPD envisioned e-Samrudha not as a standalone digital tool but as a comprehensive, integrated ecosystem for animal husbandry services. The centre's multi-disciplinary team brought together expertise in software engineering, data systems, user experience design, and digital governance frameworks to create a platform that is both farmer-friendly and institutionally robust. By combining advanced digital infrastructure with user-focused design, CDIPD ensured that e-Samrudha is not only technically sound but also accessible to farmers at the grassroots.

Key innovations introduced by CDIPD in this project are

- **Seamless service integration** across hospitals, polyclinics, laboratories, breeding centres, and farmer extension services — all on a single platform.
- **A farmer-centric mobile app** offering OP booking, doctor appointments, access to treatment history, advisories, prescriptions, health/vaccination certificates, and scheme benefits.
- **Institutional management modules** that streamline hospital administration, laboratory workflows, and breeding services.
- **Data-driven dashboards and analytics** that enable transparency, efficiency, and informed policy-making.
- **A scalable architecture** capable of expanding across the state and adaptable for replication at the national level.

Transformative Impact

At its launch, e-Samrudha was made operational in 170 veterinary institutions across Kerala, marking one of the fastest state-wide rollouts of a digital platform in the public sector. This immediate scale-up ensures that the benefits are not confined to pilot projects but are available statewide from day one. For farmers, the platform brings convenience, transparency,

empowerment. For veterinary institutions, it delivers efficiency, accountability, and better service delivery. For policymakers, it generates actionable data that can inform long-term planning and improve governance. In short, e-Samrudha bridges the gap between modern technology and rural service delivery, creating a digital backbone for Kerala’s animal husbandry sector.

A Major Achievement for DUK

For the Digital University of Kerala, the successful rollout of e-Samrudha stands as a landmark institutional achievement. It demonstrates DUK’s unique role as not just an premier academic and research institution but as a nationally relevant digital innovation hub capable of building solutions with lasting social and economic impact.

The project has positioned CDIPD and DUK as pioneers in applied digital innovation, capable of working hand-in-hand with government departments to reimagine public services. The technical expertise, commitment, and vision of the CDIPD team have been central to making this transformation possible, turning a bold idea into a fully functional, state-scale digital reality.

National-Level Significance

While designed for Kerala, e-Samrudha holds national relevance and replicability. Livestock health and veterinary service delivery are common challenges across India, and most states continue to rely on fragmented, paper-based, or semi-digital systems. e-Samrudha offers a proven, scalable, and adaptable model that other states can adopt or replicate, making it a potential national benchmark for digital animal husbandry services.

By combining technology, governance, and grassroots accessibility, this project sets an example of how state-led digital innovations, driven by academic institutions like DUK, can create lasting value at a national level. e-Samrudha is a shining example of Kerala’s vision for Digital Public Infrastructure, and of DUK’s capacity to drive innovation that directly benefits society. It is a proud moment for the University and for the CDIPD team whose expertise, creativity, and dedication made this transformation possible.

For more details about the project visit : <https://esamrudha.kerala.gov.in>





Digital University Kerala Partners with MILMA for Major Digital Innovation and Transformation

The Digital University of Kerala (DUK) has entered into a landmark partnership with the Kerala Co-operative Milk Marketing Federation (MILMA) to drive a comprehensive Digital Innovation and Transformation initiative. The collaboration was formalized through a Memorandum of Understanding (MoU), marking the beginning of a strategic association that combines the University's cutting-edge expertise in digital technologies with MILMA's crucial role in Kerala's cooperative dairy ecosystem.

This partnership focuses on two major initiatives, both of which are critical to strengthening and modernizing MILMA's operations and service delivery.

IoT-Based Cold Chain Monitoring and Tracking System, led by the CAN Lab of the School of Digital Sciences (SoDS), will develop an innovative Internet of Things (IoT) hardware solution for cold chain monitoring and tracking. Dairy products require precise temperature control and uninterrupted cold chain logistics to maintain quality, safety, and shelf life. The IoT system being developed will enable real-time monitoring of temperature, power status, and logistics data, ensuring end-to-end visibility and accountability across the supply chain. This solution will allow MILMA to reduce losses, improve efficiency, and guarantee the quality of milk and dairy products reaching consumers.

Integrated Software Solution and ERP Transformation: Complementing the IoT hardware innovation, the Centre for Digital Innovation and Product Development (CDIPD) at DUK will provide an integrated software solution that works in tandem with the IoT system. This software backbone will allow MILMA to monitor, analyze, and manage cold chain data seamlessly through a digital interface.

Additionally, CDIPD will undertake an in-depth study of MILMA's existing Enterprise Resource Planning (ERP) system. This includes a comprehensive gap analysis of the current platform and the development of strategic recommendations for adopting an upgraded, integrated ERP solution. Such an initiative is expected to streamline MILMA's operations, enhance efficiency across departments, and strengthen decision-making through data-driven insights.

Strategic Importance of the Partnership

This collaboration is highly significant for Kerala's dairy sector. As one of the state's most important cooperative organizations, MILMA plays a pivotal role in ensuring the livelihood of thousands of dairy farmers while supplying safe and high-quality milk products to millions of households. By adopting advanced digital technologies, MILMA is positioning itself for the future – with stronger supply chain transparency, improved operational efficiency, and enhanced trust among consumers. This project demonstrates DUK's ability to bring together multi-disciplinary expertise in IoT, software engineering, data analytics, and enterprise solutions to support large-scale transformation initiatives.

National Sports Day Celebration

The Kerala University of Digital Sciences, Innovation and Technology celebrated National Sports Day on 29th August 2025, to commemorate the birth anniversary of the legendary hockey player Major Dhyan Chand. This year, special emphasis was given to the Olympics and the importance of physical activities, highlighting the values of sportsmanship, fitness, and international sporting spirit.

As part of the celebration, an online quiz competition was organized, which saw enthusiastic participation from students of the university. A total of eight teams, with three to four members each, took part in the competition. The quiz consisted of three rounds, with most of the questions focusing on the Olympics, in line with this year's theme.

The participating teams were: VAR Victims, Barcelona, Loading, Theepporii Dude, Chuchudu, Azraels, Var Victims (second group), and Beyond Boundaries.

After three competitive rounds, the winners of the quiz were:

- VAR Victims – 8 points
- Theepporii Dude – 7 points
- Barcelona – 5 points

The quiz fostered a spirit of healthy competition, teamwork, and learning, as students showcased their knowledge of Olympic history, records, and sports-related facts. The event successfully spread awareness about the significance of physical activities and the Olympic spirit in today's world. The National Sports Day Celebration at Kerala University of Digital Sciences, Innovation and Technology was both informative and inspiring, encouraging students to stay active and to recognize the vital role of sports in building a healthy nation.



KSAAC Signs Cooperative Agreement with Cybersecurity Department of Jyothi Engineering College, Thrissur

KSAAC signed a Cooperative Agreement with the Cybersecurity Department of Jyothi Engineering College, Thrissur, on 06th August 2025, at the Jyothi Engineering College campus. Prof Md Meraj Uddin, Head of KSAAC, and Mr Yasik M, Security Analyst, represented KSAAC in signing the agreement, alongside Dr Geethu Mary George, Associate Professor and Head of the Cybersecurity Department at Jyothi Engineering College, Thrissur.

The objective of this agreement is to establish a collaborative framework between KSAAC and the Cybersecurity Department of Jyothi Engineering College in key areas including Faculty Development Programs, student training programs, internship facilitation, provision of internationally reputed cybersecurity certifications, and the promotion of collaborative research, seminars, workshops, and other cybersecurity-related events.

This partnership aims to strengthen academic-industry engagement and extend KSAAC services to enhance cybersecurity skills, knowledge, and awareness among faculty and students in the state.



Boot_To_Rooting Capture The Flag (CTF) Competition at DUK hosted by KSAAC

Kerala Security Audit & Assurance Centre organized the second Capture The Flag (CTF) competition, titled “Boot_To_Rooting,” on 26th August 2025, exclusively for first-year MSc and MTech Cyber Security students of DUK.

The competition witnessed enthusiastic participation from 36 students, who engaged in a series of 11 carefully designed challenges covering diverse domains of cybersecurity. Each challenge carried a weighted score

based on its complexity, contributing to a total of 1,000 points. Participants showcased strong technical expertise, analytical thinking, and problem-solving skills, with winners determined based on their cumulative scores.

The successful design, execution, and smooth conduct of the event were made possible by the dedicated efforts of the KSAAC team members – Md Meraj Uddin, Anu Sivarajan, Muhmina, Amal Nath AM, and Yasik M – whose commitment and teamwork formed the backbone of this initiative.

Winners Boot_To_Rooting CTF Competition

First Prize – Team Droid

- 1.Hizan Rahman
- 2.Amal Nath V. S.
- 3.Alwin T. Varghese
- 4.Fuad

Second Prize – Team FT

- 1.Adarsh A.
- 2.Anzal Sidhikh
- 3.Akhilamshah B.
- 4.Adhil

Third Prize – Team SUDO RM SQUAD

- 1.Vimal Mudalangi
- 2.Adithyan B.
- 3.Daniya Rose
- 4.Arya Thrisha K. A.



Session on Project Management as a Lifeskill

The Project Management Institute (PMI) students club organised a session by Mr Jayakishore S R, PMP, DASSM, past president of the PMI-Kerala Chapter, on "Project Management as a Life Skill" on 13th August 2025. The session highlighted how project management is not just a professional necessity but a universal life skill that shapes the way we plan, prioritize, and execute in all aspects of life. From managing academic commitments to handling real-world challenges, the principles of project management serve as a roadmap for success. Mr Jayakishore also gave inputs to the students on the advantages of being part of the activities of the PMI Students Club.



Access to Prompt Workshop by IEEE SB DUK

The IEEE Student Branch of Digital University Kerala organized "Access to Prompt – Session on Prompt and Benefits of College Mail ID" on 06th August 2025. The workshop, led by Abhin M, covered prompt engineering techniques, effective use of ChatGPT, and unlocking premium academic and productivity tools with college email credentials. A brief introduction to IEEE was delivered by SB Chair Adnan KP, encouraging students to explore its opportunities. With interactive demonstrations and active participation, the event concluded successfully, equipping attendees with practical insights and valuable resources.



Movie Trivia Welcomes DUK's New Batch

As part of the Induction Programme for the incoming batch of students, Clean Cut Cinemas, the official film club of Digital University Kerala, hosted a lively and engaging Movie Trivia event on 01st August 2025. The session brought together freshers and seniors in a fun-filled atmosphere celebrating cinema from around the world. Held at the mess hall, DUK, the event featured multiple rounds of quiz challenges, iconic dialogues etc. Participants formed teams, sparking friendly competition while encouraging collaboration among new classmates.

The questions catered to a wide spectrum of movie lovers from casual binge watchers to hardcore cinephiles ensuring everyone could contribute. More than just a quiz, the evening served as a platform for the new students to bond, break the ice, and get a glimpse of the cultural life at DUK. Winners received various prizes, but the real reward was the shared excitement and camaraderie.

With this event setting the tone, the Clean Cut Cinemas Film Club looks forward to hosting more screenings, discussions, and creative workshops in the coming semester, keeping the magic of movies alive at DUK.



NEP 2020 Activities - Digital University Kerala

1. Voices of Students: Debate on NEP 2020 Vision

Topic: Is Multidisciplinary Education the Future of India's Knowledge Economy?

As part of the NEP 2020 activity calendar, a Debate and Group Discussion was successfully conducted on 13th August 2025 at Digital University Kerala. The program was organized by NEP Sarthi members – Priyangshri Bhargab, Nahida B L, and Amelia Lizbeth Alex.

The event served as a dynamic platform for postgraduate and research students across disciplines to engage with one of the most critical aspects of NEP 2020: the push towards multidisciplinary education. The discussion allowed students to move beyond textbooks, encouraging them to critically analyze whether India's future knowledge economy depends on breaking silos between disciplines or on strengthening specialization.

The session began with small-group interactions, where participants shared perspectives in an informal setting, followed by a structured debate. This format helped ensure that both breadth and depth of ideas were captured.

The debate segment in particular reflected passion, preparation, and strong analytical skills from the students, who addressed themes such as:

- The role of multidisciplinary education in driving innovation and employability.
- Challenges in implementing flexibility within existing university systems.
- Balancing traditional disciplinary depth with cross-disciplinary exposure.

The atmosphere was vibrant yet respectful, with students challenging one another's views while also acknowledging common ground. Such interactions mirrored the spirit of NEP 2020, which envisions classrooms as spaces for open dialogue, critical inquiry, and collaborative learning. The organizers express sincere gratitude to Dr. Satheesh Kumar for serving as the judge of the debate. His thoughtful observations and constructive feedback not only enriched the event but also provided students with academic guidance on strengthening their reasoning and communication.

Best Debaters: Poushali Banerjee and Faaz Nabeel K were recognized for their clarity of thought, structured arguments, and impactful delivery.

Their performance exemplified how NEP 2020 empowers students to voice informed opinions and contribute to the shaping of India's educational future.

This event highlighted the importance of student-led forums in advancing the implementation of NEP 2020. By giving students the opportunity to articulate their perspectives, the debate reinforced that NEP is not only a policy reform but also a participatory movement, where young voices shape the path towards an inclusive, flexible, and knowledge-driven education system.



2. Student Creativity Reflecting the Spirit of NEP 2020

Themes: NEP 2020 and its Impact on Research and Innovation
 Multilingual Education and Bhartiya Bhasha Utsav

As part of the NEP 2020 activity calendar, a Poster Competition was organized at Digital University Kerala on 20th August 2025 by NEP Sarthi members – Priyanshri Bhargab, Nahida B L, and Amelia Lizbeth Alex. The event was designed to promote creative expression and critical reflection on key initiatives under NEP 2020. Students were encouraged to translate policy ideas into visual narratives, blending art with academic thought.

The themes invited participants to reflect on two significant pillars of NEP 2020: The promotion of research and innovation through flexible, multidisciplinary approaches. The celebration of multilingualism and preservation of India’s rich linguistic heritage through the Bhartiya Bhasha Utsav.

The posters displayed during the event showcased remarkable originality and conceptual depth. Some students illustrated how NEP 2020 can empower young researchers and foster innovation ecosystems, while others highlighted the importance of linguistic diversity in building cultural unity and inclusivity. Together, the entries reflected how students perceive their role in carrying forward the aspirations of the policy.

The competition was not only a platform for creativity but also an opportunity for students to engage with national educational reforms in a meaningful way. By expressing ideas visually, participants demonstrated how academic transformation envisioned by NEP 2020 can be reimagined through the lens of youth perspectives.

Winners:

- 1 First Prize – Sreekutty Santhosh
- 2 Second Prize – Uzma Haseeb
- 3 Third Prize – Shipra

The event highlighted the active participation of students in embracing NEP 2020, underscoring that the success of educational reform depends not only on policy frameworks but also on the enthusiasm, creativity, and agency of young learners.



Digital University Kerala Football Team Advances to Round of 32 in Raviz Prathidhwani 7's Tournament

The Digital University Kerala football team has secured a place in the Round of 32 of the prestigious Raviz Prathidhwani 7's Football Tournament – Season 8. Emerging as group winners in Phase 1, the team advanced from among 103 participating teams to reach Phase 2 of the competition.

Organized by Prathidhwani, the welfare organization for IT employees, the Prathidhwani 7's is widely regarded as the biggest sporting event in the IT sector and one of Technopark's most celebrated annual football tournaments. The event provides a vibrant platform for IT professionals to showcase their sporting excellence and passion for the game.

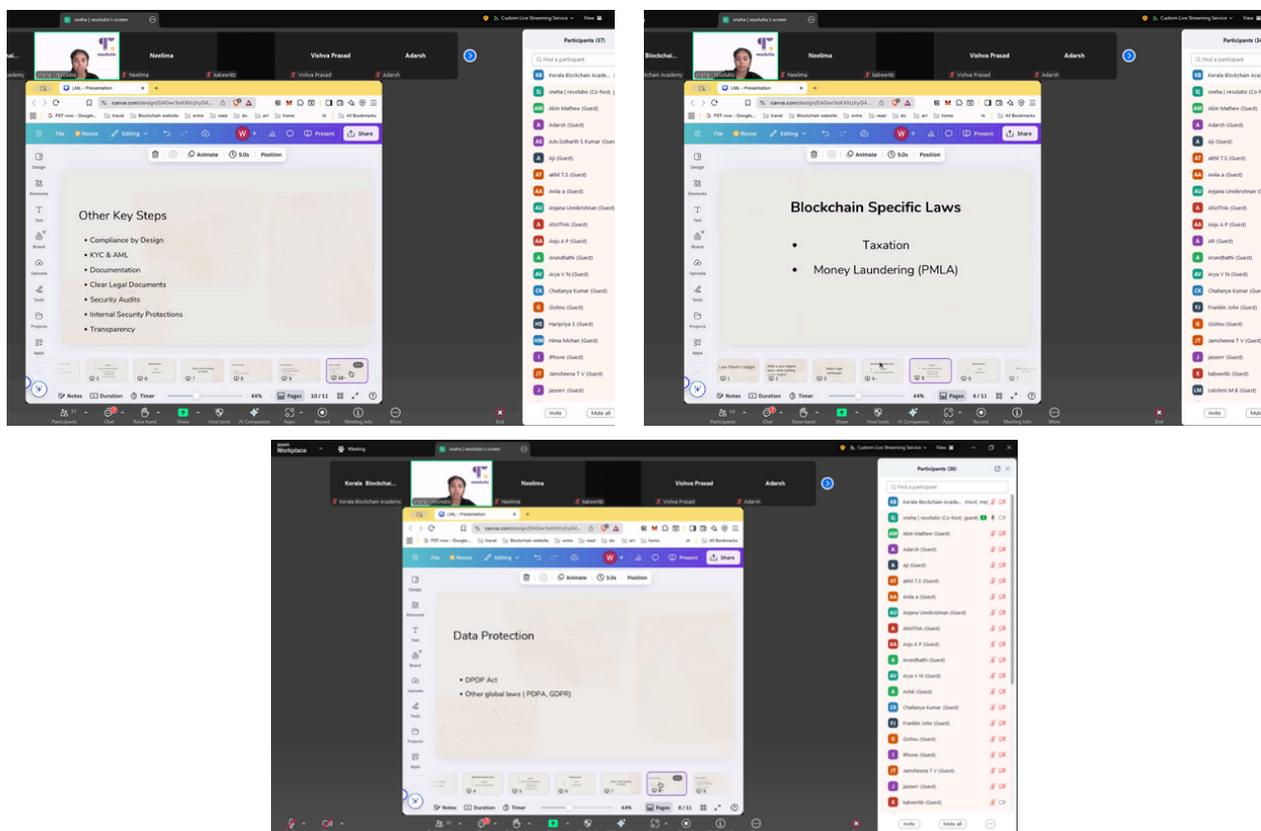
Over the past two years, Digital University Kerala has consistently made its mark in the tournament, including a remarkable run to the Championship phase (quarter-finals). With this year's strong start, the team is determined to push further and achieve even greater success in the competition.



Webinar on “Decode the Legal Risks & Opportunities of Building in Web3”

Kerala Blockchain Academy successfully hosted an exclusive webinar on 22nd July 2025, titled “Decode the Legal Risks & Opportunities of Building in Web3.” The session, conducted through Zoom and live-streamed on YouTube, featured Sneha Vijayan, Legal Technologist and Co-Founder of Resolution, who shared expert insights on navigating the complex legal dimensions of the Web3 ecosystem.

The webinar highlighted key aspects, including the Web3 legal framework, the Indian regulatory framework, the crypto landscape, Web3-related benefits and risks, and emerging legal-tech applications. The program witnessed active participation from professionals, researchers, and enthusiasts, reinforcing KBA’s role as a leading hub for knowledge dissemination in the blockchain and Web3 space.



Persistence Pays Off: KBA Cohort Achieves 100% Placement

Kerala Blockchain Academy has once again marked a significant milestone with the latest cohort of its Post Graduate Diploma in Blockchain program achieving 100% placement in reputed companies. This accomplishment reflects the academy’s commitment to equipping learners with industry-relevant skills and preparing them for emerging technology careers.

The success of the cohort stands as a testament to the students’ persistence, dedication, and passion for learning, supported by KBA’s strong industry collaborations and career guidance initiatives. With this achievement, Kerala Blockchain Academy continues to strengthen its position as a premier hub for blockchain education and career transformation.

SUCCESS CONTINUES 100% PLACEMENT FOR OUR NEXT BATCH!



KERALA
BLOCKCHAIN
ACADEMY



SCHEDULED CASTE DEVELOPMENT DEPARTMENT
Government of Kerala





DIGITAL
UNIVERSITY
KERALA

Curating a responsible digital world

 Akhil Chand P S SOFTWARE DEVELOPER INTERN <small>Innovation incubator</small>	 Salini Sundaran FULL STACK DEVELOPMENT INTERN <small>TeamUp Consultants</small>	 Vinudev T V SOFTWARE ENGINEER - INTERNSHIP <small>NeST Digital</small>	 Dinsha S SOFTWARE DEVELOPER INTERN <small>Innovation incubator</small>	 Gadha Pushpan JUNIOR BACKEND ENGINEER <small>SouVerse</small>
 Sreelekha Sreenivasan JUNIOR BACKEND ENGINEER <small>SouVerse</small>	 Anandhu Narayanan SOFTWARE ENGINEER INTERN <small>Compliva</small>	 Aneesh M N DISTRIBUTED SYSTEM DEVELOPER <small>chargeMOO</small>	 Krishna Pushpan MERN STACK DEVELOPER <small>Marabar College of Engineering and Technology</small>	 Anusree K S DISTRIBUTED SYSTEM DEVELOPER <small>chargeMOO</small>
 Anju B Prakash SOFTWARE DEVELOPER <small>TrackGenesis</small>	 Pournami C S ACADEMIC MENTOR <small>Xylem</small>	 Veny M A FULL STACK (MERN) DEVELOPER <small>Infusory</small>	 Maneesh Madhusudhanan DISTRIBUTED SYSTEM DEVELOPER <small>chargeMOO</small>	 Gishnu Devadathan DISTRIBUTED SYSTEM DEVELOPER <small>chargeMOO</small>

PG DIPLOMA IN BLOCKCHAIN

📞 +91 6238210114
✉ kba@duk.ac.in
🌐 kba.ai

Kerala Blockchain Academy Launched Training Program on AI for Productivity

Kerala Blockchain Academy launched a brand-new Hands-On Training on “AI for Productivity Enhancement”, aimed at empowering participants to leverage AI tools effectively in their professional and academic pursuits. The program focuses on building strong AI foundations while also exploring specialised applications in content creation and research & academia.

AI has become one of the most significant forces in industries and education, and the program provides a timely step in equipping professionals, researchers, and educators with future-ready capabilities. As AI continues to evolve within the Web3 ecosystem, the program prepares participants for next-generation Web3 digital environments. With hands-on sessions and domain-specific use cases, the program offers tangible skills to enhance efficiency, creativity, and productivity.

SEC

Session on “Discovering Volunteering”

The Social Engagement Centre (SEC) organized a session called “Discovering Volunteering” for the new batch of students on 20th August 2025. The Social Engagement Centre organized a session called “Discovering Volunteering” for the new group of students on August 20, 2025. Known for its commitment to community service, the Centre has been actively involved in a wide range of volunteering activities, both on campus and in the surrounding community. During this session, the team of Mrs. Arya R. Chandra, the Project Officer, and Ms. Fousiya C.K., Project Associate, facilitated a series of interactive games.

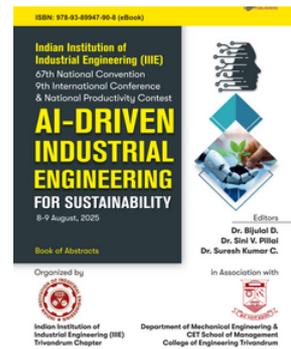
These activities were thoughtfully designed to spark the students’ interest in volunteering and to highlight the meaningful impact they can make in their communities. The atmosphere was lively and encouraging, promoting a spirit of camaraderie and social responsibility among the participants.



OutReach Activity

Dr. Sini V. Pillai served as the Joint Organizing Secretary of the 67th National Convention of the Indian Institution of Industrial Engineering (IIIE) and the 9th International Conference on Industrial Engineering and National Productivity Contest, held on 8th–9th August 2025 at Hotel Dimora, Thiruvananthapuram. The conference was hosted by the IIIE Trivandrum Chapter in association with the College of Engineering, Trivandrum, under the theme “Industry 5.0: AI-driven Industrial Engineering for Sustainability.”

The convention was inaugurated by Dr. V. Narayanan, Secretary, Department of Space; Chairman, Space Commission; and Chairman, ISRO, in a meeting presided over by Dr. A. V. V. Prasada Raju, Chairman, IIIE NHQ. Er. N. Narayana Moorthy, Chairman, KELTRON, released the Book of Abstracts. Dr. Sini V. Pillai was the editor of the Book of Abstracts and also the Chair of paper presentations. The two-day event featured 8 expert lectures, 3 industry presentations, and 2 panel discussions in the main venue. In addition, 67 technical papers were presented across 13 tracks in the International Conference, and 25 productivity case studies were showcased in the National Productivity Contest. The convention witnessed active participation with over 250 delegates from across India.



Editorial Board Member of 'Nature Scientific Reports' Journal

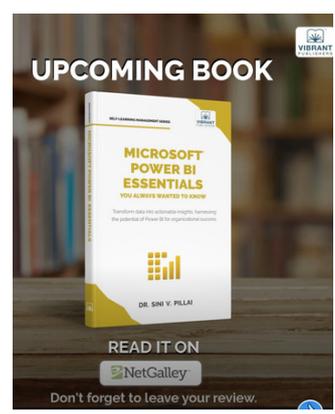
Dr. Jose Joseph, Assistant Professor, SoESA has been selected to the Editorial Board of the prestigious journal 'Nature Scientific Reports', published by the Nature Publishing Group. Scientific Reports is an interdisciplinary journal that publishes high-quality original research and has consistently maintained its Q1 ranking since its inception.

Book Published and Released

The book 'Microsoft Power BI Essentials – You Always Wanted to Know', authored by Dr. Sini V. Pillai was released during the inauguration of the 9th International Conference and National Productivity Contest.

This proud milestone was marked with a special moment as the book was officially released by Dr. V. Narayanan, Chairman, Indian Space Research Organisation (ISRO) and Secretary, Department of Space, Government of India, during the inauguration of the 9th International Conference and National Productivity Contest on the theme "Industry 5.0: AI-driven Industrial Engineering for Sustainability", organized by the Indian Institution of Industrial Engineering (IIIE) in association with College of Engineering Trivandrum during 8-9 August 2025 at Hotel Dimora Trivandrum.

Dr. Sini V. Pillai also served as the Joint Organising Secretary of this prestigious conference. The book has been published by Vibrant Publishers, USA, as part of their acclaimed Self-Learning Management series. With its focus on simplifying Microsoft Power BI concepts, the book aims to equip today's fast-paced learners with practical insights and essential skills. Congratulations to Dr. Sini V. Pillai on this remarkable achievement!



DUK Student selected to present at the leadership meet of the Project Management Institute

Mr. Kurian Elias, S4 MSc DA BioAI (2023-25 batch), was selected to represent the DUK Project Management Institute (PMI) Club in the Asia Pacific/ South Asia Leadership Institute Meet in Manila, Philippines, from 26th to 29th June 2025. Kurian got an opportunity to make a presentation about the DUK PMI club activities to an audience that included more than 600 senior leaders from organizations across the globe. He was selected by PMI for his contribution to the DUK PMI Club's activities and for developing an audiobook app for the blind. The audiobook development was a team effort of the DUK PMI club members as part of the social responsibility initiative of the club. A student from the DUK PMI Club was selected to attend this event, as the club at DUK has been identified as one of the most active clubs among all the PMI clubs in India. Hearty congratulations to Kurian Elias and the whole DUK PMI club team for this achievement. It is the result of the sincere effort put in by each of the club members, coordinated by K Pradeep Kumar, Assistant Professor, School of Digital Humanities & Liberal Arts, DUK.



Secured 2nd Position for Capture The Flag (CTF) event organised by Technovalley Pvt Ttd, Kochi

Mr. Hizan Rahman (2025-27 Batch Student) successfully completed various CTF challenge categories such as Reverse Engineering, Cryptography, Steganography and Machine Exploitation (Gaining access & Privilege escalation) and much more



BRICS Astronomy and IDIA Data Analysis, South Africa

Ms. Bainty Kaur Chugh (2025-27 Batch) student got selected under this program, and completed a capstone project with a score of 89/100. The project was about, "Unveiling Open Star Clusters: A comprehensive Gaia Data Analysis" where she used techniques like: Astrometric Filtering (parallax, proper motion), DBSCAN Clustering, CMD based stellar classification and 3D visualizations with Plotly and Matplotlib. She detected star clusters, studied their motions and discovered how data science and machine learning drives modern astronomy.



Best Research Paper Award

Mr. Sreekar V Pai (PhD Student, SoDiHLA) received best research paper award at the 67th National Convention, 9th International Conference, and National Productivity Contest. He is doing PhD under the guidance of Dr Sini V Pillai.



HSF India, Center for High Energy Physics, IISc Bangalore

Ms. Bainty Kaur Chugh (2025-27 Batch) student got selected for a bootcamp HSF India Scientific Computing at Center for High Energy Physics, Bangalore held on 15th and 16th June, 2025. She got to learn and experience high energy physics data and analysis techniques from professors of Stanford University, USA and Princeton University, USA. Also got an exposure to python hackathon exercises like Monte Carlo: Death Star and Borg Cube Accident, World Bank Data, Mandelbrot Sets, The game - Hangman, Madhava Leibniz series for Pi and many more.



Publication

John, T. S., & Thomas, T. (2025). ARM : Adaptive Rank-Based Mutation for Android Malware Detection under Adversarial Attacks. Journal of Cyber Security Technology, 1–26. <https://doi.org/10.1080/23742917.2025.2545641>



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