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DIGITAL UNIVERSITY KERALA

Curating a responsible digital world

NEWSLETTER

JANUARY 2025

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

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Celebrating 4-Star Rating in the National Level IIC Ranking !!

Digital University has achieved 4-star rating in the National Level ranking of Institution's Innovation Council (IIC) conducted by the Ministry of Education's Innovation Cell for fostering innovation and entrepreneurship.

Digital University is the only State University in Kerala to have reached this milestone. In the south west zone, only 24 out of 839 could secure a place in this elite group. Only 205 institutions across the country has achieved this feat among the 5455 participating institutions in India.

The special occasion was honored with the presence of Sri Abhishek Ranjan, Innovation Officer, MoE's Innovation Cell, on 17 January 2025.

One-Month Faculty Induction Programme (FIP)
GURU – DAKSHTA

The One-Month Faculty Induction Programme (FIP), a hybrid-mode initiative, was successfully conducted from 13th January to 8th February 2025. This transformative program was a collaborative effort between the Kerala University of Digital Sciences Innovation and Technology (Digital University Kerala), the UGC-Malaviya Mission Teacher Training Centre (UGC-MMTC), and S.G.T. B. Khalsa College, University of Delhi. This hybrid program was designed for faculty members across Central, State, and Deemed-to-be Universities, Private Universities, Institutions of National Importance, and Colleges, focusing on those eligible for their first promotion. The event was launched with an inspiring inaugural address by Prof. Ved Prakash, the former UGC Chairperson, who set an optimistic tone for the initiative.

Digital University Kerala Showcases Innovations at "International Conclave on Next-Gen Higher Education"

Digital University Kerala proudly participated in the Higher Education Conclave 2025, held from January 13th to 15th, 2025, at Cochin University of Science & Technology, Kochi, by setting up an exclusive exhibition stall. The event brought together academics, policymakers, and researchers, providing a dynamic platform to highlight our university's innovative practices, research excellence, and contributions to higher education.

The conclave, inaugurated by Hon'ble Chief Minister Shri. Pinarayi Vijayan, brought together eminent academicians, policymakers, and researchers to discuss the future of higher education. Hon'ble Minister for Higher Education, Dr. R. Bindu, visited Digital University Kerala's stall and inquired about our cutting-edge innovations and ongoing research initiatives. The exhibition provided a platform for higher education institutions to showcase their advancements, and Digital University's stall attracted significant attention for its innovative practices and transformative projects.

Republic Day

The Republic Day celebration commenced at 8:30 am with the unfurling of the National Flag by Dr. Asharaf S., Dean Academic, followed by the rendition of the National Anthem. The Security staff then presented a flag parade. Dr. Asharaf S. delivered the keynote speech, which was followed by an informative talk by Dr. Alex P. James, Dean External Linkages. Justin Eapen George, a 1st-year student from SoCSE delivered a speech on the significance of Republic Day. The cultural segment of the program began at 8:55 am, featuring a patriotic song by Safna and team, followed by a patriotic dance performance by Ashna Mariam and team. Prof. Md. Meraj Uddin, Chairman, Students Affairs, proposed the vote of thanks, expressing gratitude to all participants and attendees. Anupama, a 1st-year student from SoESA, hosted the event with poise and enthusiasm. The program concluded with the distribution of sweets at 9:20 am. The Republic Day celebration was a resounding success, fostering patriotism and national pride among students, staff, and faculty. Program Coordinated by Vidya B.S., Physical Education Consultant, Sohan G. General Secretary Student's Council and Arsha Venkitakrishan.

Desktop Security and Troubleshooting Workshop at IMG

A two-day training program on Desktop Security and Troubleshooting was organized at the IMG Main Campus, Thiruvananthapuram, on January 3rd and 4th, 2025. The training aimed to provide participants with a comprehensive understanding of desktop security measures, incident response, troubleshooting techniques, and practical lab exercises. The participants included government employees from various departments.

On the first day, the session focused on desktop security, with Sruthi Krishna G, Research Associate at the Kerala Security Audit and Assurance Center (KSAAC), handling key topics. Her session emphasized proactive measures to secure desktops against cyber threats and provided hands-on experience in implementing security configurations. On the 2nd day Mr. Rasic Azeez, Cyber Security Engineer at KSAAC introduced participants to troubleshooting and data recovery techniques, focusing on identifying and resolving hardware issues that allowed participants to apply their learning in real-time scenarios.

Overall, the training provided government employees with essential knowledge and practical skills in desktop security and troubleshooting.

Cybersecurity Awareness Program at IMG

The KSAAC team participated in a cybersecurity training program organized by the Institute of Management in Government (IMG), Thiruvananthapuram from December 30th, 2024, to January 1st, 2025. The training aimed to enhance cybersecurity awareness among participants from various Government departments. The course was directed by Prof. Mubashir E., Assistant Professor, IMG, and the sessions were held at the IMG Main Campus in Thiruvananthapuram. The event was conducted under the Government of India (SCTP) program reference GOI(SCTP) 67/2024.

Prof. Md Meraj Uddin led an engaging session on securing digital identity, covering essential topics such as strong password practices, the use of password managers, multi-factor authentication (MFA), and strategies for identifying and avoiding social engineering attacks. Ms. Sruthi Krishna G. delivered a comprehensive talk on the importance of cyber laws, cybersecurity laws and regulations, and the concept of cyber resilience. Her session provided insights into the legal frameworks governing cybersecurity and highlighted the significance of resilience in mitigating cyber risks. Mr. Rasic Azeez took interactive sessions focusing on understanding cyber threats, risks and the importance of cybersecurity in government operations and provided valuable insights on incident detection and response. These sessions were highly interactive, encouraging participants to actively engage in discussions and share their experiences. Overall, the training provided a practical understanding of cybersecurity challenges and solutions, equipping government officials with the knowledge to better protect their digital environments and respond effectively to cyber incidents.

Digital Security Awareness
Organised by St. Thomas School for NSS Students

A Digital Security Awareness program was successfully organised by St. Thomas School Mukkolakkal for the NSS students on December 23rd, 2024. The event was held at the Government UPS School, Kudappanakunnu Thiruvananthapuram.

The sessions were led by KSSAC team members, Mr. Rasic Azeez and Ms. Sruthi Krishna G. The program covered various critical aspects of digital security, including the Cyber Hygiene Practices, Passwords Management, Dark Web, Introduction to Hacking Tools, Discussion on common hacking techniques and how to stay protected.

The interactive nature of the session ensured active participation from the students. The event concluded with a lively Q&A segment, where students had the opportunity to clarify their doubts and learn from real-world scenarios shared by the resource persons.

OSINT and Web Scraping Training at IMG

The KSAAC team conducted a training session on OSINT (Open-Source Intelligence) and Web Scraping organized by Institute of Management in Government (IMG), Thiruvananthapuram, on December 28th, 2024. The session aimed at enhancing the participants' understanding of open-source intelligence techniques and web scraping methodologies.

The session was handled by Prof Md Meraj Uddin and Mr Rasic Azeez. They provided an in-depth overview of OSINT, highlighting various tools and techniques used to gather publicly available information for investigative purposes. Mr. Rasic Azeez focused on web scraping techniques, explaining how to extract valuable data from websites using automated tools and scripts. The training was interactive, with participants actively engaging in discussions and practical exercises. The attendees, primarily government employees, gained valuable insights into leveraging OSINT and web scraping tools to enhance their work in areas such as investigation, research, and data analysis.

Nursing Home Visit - Karunalayam Pothencode

The Social Engagement Centre at the Digital University of Kerala, in collaboration with Reflections Info Systems Pvt Ltd, organized a visit to "Karunalayam," a nursing home and care facility for mentally challenged individuals in Pothencode, Trivandrum.

This initiative aimed to spread joy, foster interaction, and support the residents of Karunalayam on New Year. The event was to bring happiness to the residents, make them feel loved and valued, and offer practical assistance in the form of new clothes and a shared meal. The program began at 6 PM; SEC Coordinator Assistant Professor Pradeep Kumar, SEC Project Officer Mrs. Arya R Chandra, SEC Project Associate Ms. Fousiya C K, SEC volunteers, and Reflections Info Systems Pvt. Ltd. officials participated in the program.
The visit began with volunteers initiating friendly interactions with the residents, ensuring everyone felt included and comfortable. Volunteers and residents organized simple games to engage the residents, creating a lively and joyful atmosphere. They came together to sing songs, which fostered an environment of warmth.

Volunteers distributed new clothes to the residents as tokens of love and care, and the residents received them with immense gratitude. The evening concluded with a shared dinner, fostering a sense of family.

The visit created a positive impact on both the residents and the volunteers. It highlighted the importance of compassion, empathy, and human connection. The initiative provided emotional support to the residents while giving the volunteers a profound understanding of the value of giving back to society. The visit to Karunalayam was a meaningful and memorable experience for everyone involved. It reinforced the importance of community service and the need to support vulnerable sections of society.

DACE - Digital Access for Community Empowerment

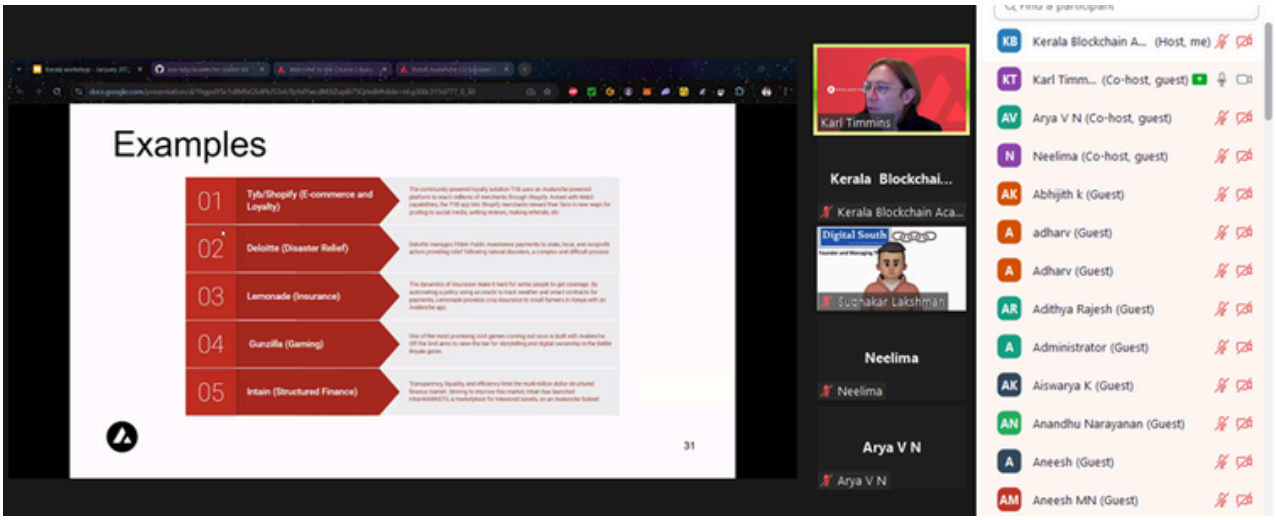
The Social Engagement Centre organized a three-day workshop as part of the Digital Access to Community Empowerment (DACE) course on January 27, 28, and 29, 2025. First-year students from all schools participated in the DACE Workshop. This workshop covered various topics, including Participatory Rural Appraisal (PRA), An overview of social issues in the Kerala and Indian context, Report writing, and Fieldwork etiquette. Experts with hands-on experience in Community Development and Social Science delivered the training, including Mr. Haris Nemeni, Project Manager at Brahmagiri Development Society in Wayanad; Mr. Biju Simon, Director of Ether India and Managing Director of FunLingua, who focused on Participatory Rural Appraisal; and Dr. Abdul Basith T, Assistant Professor in the Department of Sociology at the University of Kerala. Mr. Ashiq Saji, Assistant Professor in the Department of Social Work, conducted the session on “Social Issues in the Indian Context.”

Dr. Sooraj NP, Assistant Professor, and Dr. Malu G., Assistant Professor conducted sessions on "Technology in Rural Development," while Dr. Gopakumar V., Librarian led, a session on “Report Writing”. Additionally, Prof. Pradeep Kumar K, Assistant Professor, presented the projects completed by the previous batch of students and Scope and potential of DACE project. Students from the previous batch who won innovation awards and contests shared their project development experiences, serving as a source of inspiration for the current students. Furthermore, the SEC project team, including Mrs. Arya R Chandra, Project Officer and Ms. Fousiya CK, Project Associate facilitated a session on fieldwork etiquette.

The primary goal of the Digital Access for Community Empowerment (DACE) program is to empower marginalized communities by leveraging digital technology to address real-life challenges. It aims to equip postgraduate students with the necessary knowledge, skills, and tools to identify problems faced by these communities and create compelling digital solutions to solve them. During the three-day workshop, students gained valuable insights into challenges faced by nearby communities. The PRA training will also equip them to identify pressing issues within these communities. This knowledge will enable them to identify problems and propose informed solutions accordingly.

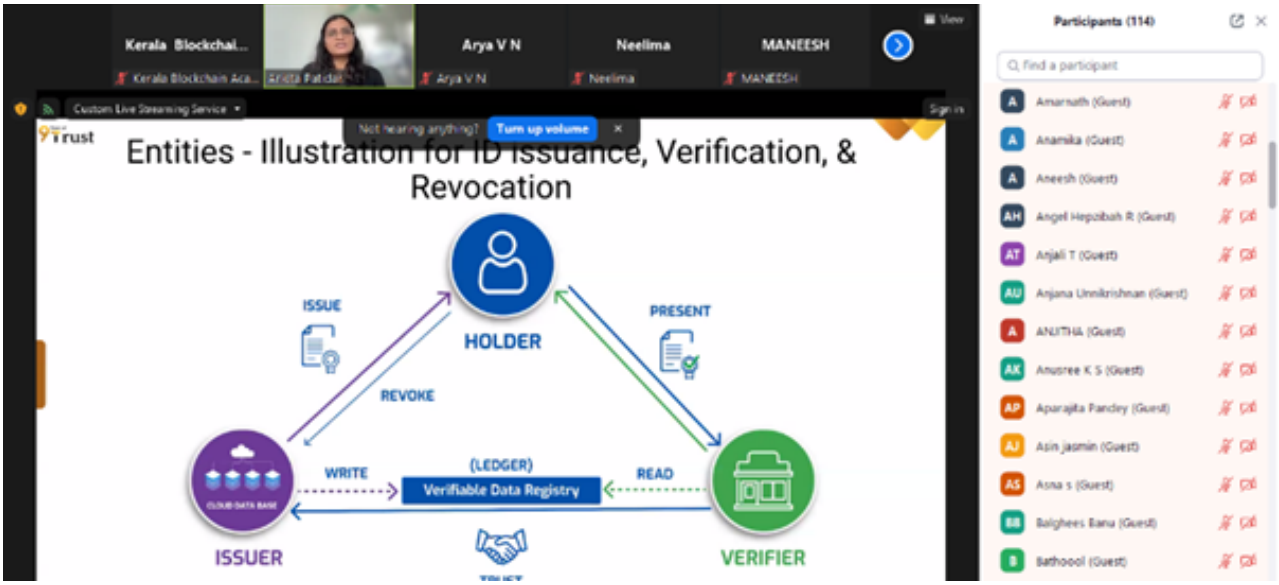
KBA Conducted a Webinar on "Avalanche Blockchain- Ecosystem Overview and L1 Blockchain Deployment"

On January 9th, 2025, Kerala Blockchain Academy (KBA), in collaboration with Avalanche Blockchain, hosted an informative session titled "Avalanche Blockchain - Ecosystem Overview and L1 Blockchain Deployment." The session was led by Karl Timmins, the Irish Ambassador to Avalanche Blockchain and Software Engineer at Accenture. The session delved into the fundamental aspects of Avalanche's blockchain technology, emphasizing its unique architecture and Layer 1 (L1) blockchain deployments. Various real-world use cases of Avalanche and how the platform enables seamless cross-chain communication, fostering interoperability among different blockchain networks were discussed. With growing interest in decentralized applications and blockchain solutions, this session provided valuable insights for both newcomers and experienced professionals keen to explore the capabilities of Avalanche in the ever-evolving blockchain landscape.



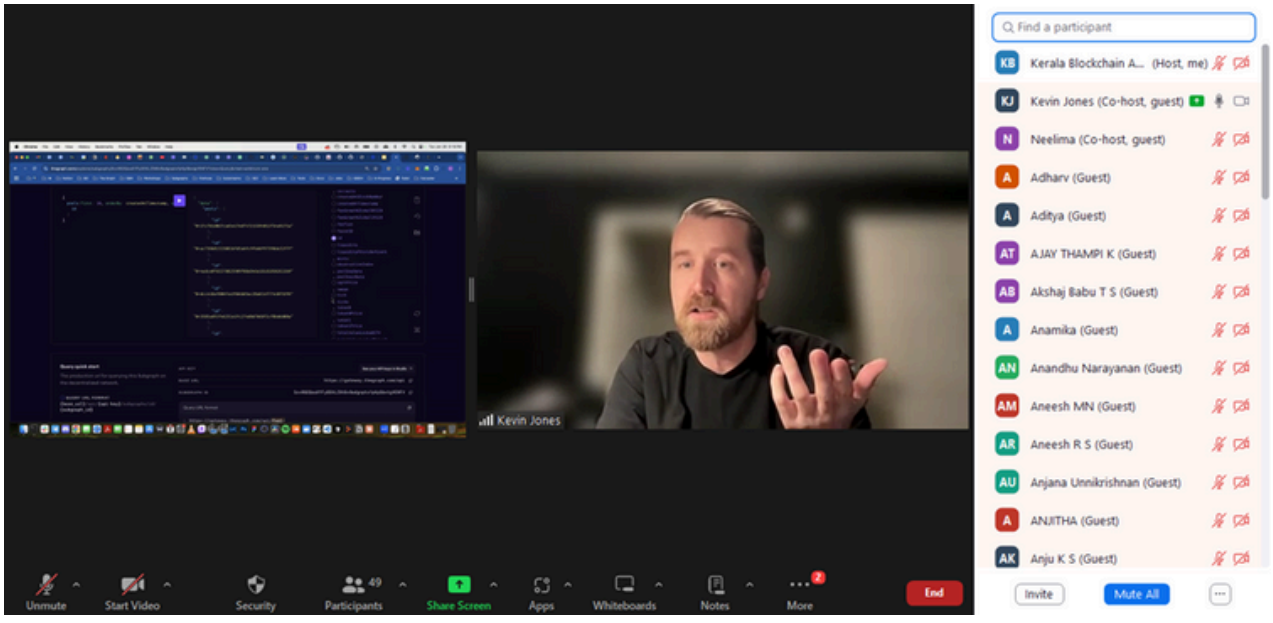
KBA Hosts Webinar on "Exploring Decentralized Identity and Digital Credentials"

KBA hosted an insightful webinar on "Exploring Decentralized Identity and Digital Credentials," led by Ankita Patidar, Tech Lead at AyanWorks on January 23rd, 2025. The session provided an in-depth overview of decentralized identity systems and how digital credentials are transforming the identity landscape. After discussing the challenges faced by current identity management systems, the speaker also explored the importance of decentralized identity and verifiable credentials in enhancing privacy, security, and control for individuals. Furthermore, real-world use cases were presented, demonstrating how this emerging technology is reshaping industries and creating opportunities for more efficient and secure digital identity management. The session offered valuable insights into the future of digital credentials and decentralized identity, and it provided practical knowledge for those interested in this growing field.



Exclusive Webinar: "Introduction to Data Indexing on the Graph"

An insightful webinar titled "Introduction to Data Indexing on the Graph" was taken by Kevin Jones, Developer Relations Engineer at Graph Protocol and BuidlGuidl, on January 29th, 2025, hosted by KBA in connection with the Institution Innovation Council. The session provided attendees with a comprehensive overview of The Graph, a decentralized protocol for indexing and querying data from blockchains by delving into the core architecture of The Graph by explaining how it simplifies data retrieval from decentralized networks, making blockchain applications more efficient. Participants also explored how The Graph works with decentralized applications (dApps) and how it can be used for better data management and querying across multiple blockchains. This insightful session helped blockchain developers and enthusiasts understand the powerful capabilities of The Graph in revolutionizing data indexing and its use in decentralized applications.



A Complete Film Event!

The Film Club of Digital University Kerala, CleanCut Cinemas, hosted an extraordinary event, CleanCut Eve, celebrating the art of filmmaking and storytelling. This remarkable evening emphasized the importance of cinema as a medium of creativity and expression, bringing together film enthusiasts, creative minds, and faculty members in a vibrant gathering.

A major highlight of the event was the presence of Appu N. Bhattathiri, an award-winning director and editor, whose exceptional work has redefined storytelling in Indian cinema. His engaging talk and anecdotes were a true treat to the audience, offering both inspiration and entertainment. His journey and expertise left a lasting impression, making the evening unforgettable for all present. Special thanks were extended to Vidhu Vincent for her instrumental role in bringing such an illustrious guest to the event.

CleanCut Eve also featured an exciting lineup of activities, including the Director Meetup, Cinemathon ’24—a platform showcasing the creativity and dedication of participants through short films—and a Prize Distribution ceremony that celebrated their achievements. The event concluded with an Expert Talk, offering valuable insights into the world of cinema and storytelling.

The core team of CleanCut Cinemas worked tirelessly to ensure the event’s success, and their efforts paid off with an evening that resonated deeply with everyone involved. CleanCut Eve was not merely an event but a celebration of the magic of films, leaving attendees inspired and motivated to explore the limitless possibilities of cinema.

BEST SHORT FILM AWARDS

First Position:

Team name: Rasam Entertainments — Short Film Name: Whatt

Second Position:

Team name: Visionary Pictures — Short Film Name: The Boundaries of Despair

Third Position:

Team name: DOPECUT — Short Film Name: Bound

MOST POPULAR SHORT FILM AWARD

Team name: Rasam Entertainments — Short Film Name: Whatt

SPECIAL AWARDS

Best Actor

- Agnidev (The Boundaries of Despair)
- Bajiyo Baiju (Whatt)

Best Actress

- Akshara (Twisted Delusions)

BEST DIRECTOR

- Mohammed Shahin, Joseph Soney, Vighnesh Venu (The Boundaries of Despair)
- Abhiram SS (Bound)

BEST EDITOR

- Vishal N S(Whatt)
- Sudhi Suresh (Bound)

BEST CINEMATOGRAPHER

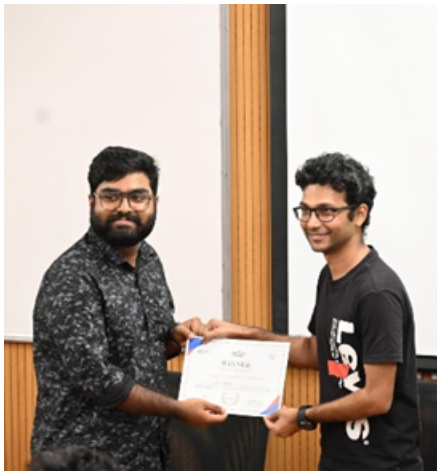
- Abin (The shoreline of life, What)
- Adithya Anil (Bound)














Clean Cut Core Members

Banana Harvesting at Digital University Kerala

Contribution of Articles in an Artificial Intelligence Encyclopaedia

Dr. Asharaf S, Dr. Sanil J and Dr. Anoop V.S. contributed a number of articles discussing a range of topics from basics to advanced concepts of Artificial Intelligence for an encyclopaedia in Malayalam titled "Nirmithabudhi Vijnjanakosham" published by State Institute of Encyclopaedic Publications (SIEP). The book was released on 8th January 2025 by the Honourable Minister for Fisheries, Culture and Youth Affairs Shri. Saji Cherian, during Kerala Legislature International Book Festival 2025.

Clinical Trials of Autotransfusion Device to Begin at CMC Vellore in February 2025

Digital University Kerala has partnered with CMC Vellore to conduct Phase I clinical trials of the autotransfusion device being developed by the CAN Lab at the School of Digital Sciences. Trials are scheduled to begin in late February 2025.

SURA: Advancing Innovation in Maritime Safety and Navigation

Sai Shankar G Nair (M.Sc. Ecology with specialization in Ecological Informatics) and Amal C. Rajesh (M.Sc. electronics), showcased SURA (Safety Utilisation Responsive Application), an innovative system enhancing the safety and efficiency of fishing and angling operations.
SURA is an integrated solution that combines GPS, HAM radio, multimedia modules, and sensors to enable real-time tracking, communication, and environmental monitoring of fishing communities. It enhances the emergency response capability and ensures that navigation is done precisely.

Achieved recognition in various prestigious competitions due to their innovative work.

- **IGNITE Project Competition – Finalist**
- **Ideation Business Challenges accepted this concept among the most outstanding contenders during their competition.**
- **Cisco ThingQbator Ideation Challenge – Advanced to Third Stage**
- **Allianz Awards – Semifinalist.**
- **Vyuham Hackathon – Runner-up.**
- **Sai Shankar G achieved the Best Conference Paper Award at Wings 2024 Academic Conclave, which was organized by the Project Management Institute - Kerala Chapter through his research involving this project.**


SENSORS


Thank yo

DUK Students Win Laurels in YIP 6.0

A student team consisting of Anandik N Anand (4th sem MSc DA BioAI) and Sandra Sajeev (4th sem MSc DACS) has won the final round of the Young Innovators Program (YIP)-6.0 organised by the Kerala Development and Innovation Strategic Council (KDISC), Govt of Kerala. YIP is a flagship program of the Govt. of Kerala that aims to empower future innovators to innovate new products, services, or models. The student team presented their project, "SADAS: A caller interface platform for reporting problems to concerned government officials through a keypad phone." This project was the team's Digital Access for Community Empowerment (DACE) project mentored by Dr Sishu Shankar Muni, Asst. Professor, School of Digital Sciences.

DUK Team Excels at Project Management Institute-Kerala's Annual Conclave- WINGS '25

Best Conference Paper Award

The students from DUK excelled in WINGS '25, the sixth annual academic conclave of Project Management Institute-Kerala Chapter. The event was organized on January 25, 2025 at Musaliar College of Engineering & Technology, Pathanamthitta.

The Best Conference Paper Award was won by Sai Shankar S Nair, 4th semester MSc Ecology student for the paper "SURA: A Safety System for Fishermen". The paper was based on a project taken up by Sai Shankar and his team as part of the Digital Access for Community Empowerment (DACE) course at DUK.

Sai Shankar G Nair Receiving the Best Paper Award at WINGS '25

PMI Wings 6th Edition Best Student's Project Award

The Best Student Project Award was bagged by the team consisting of Ashique Sherief, Sarath Krishnan A, Kurian Elias, Anshida Jasmin, Ansu Rose Joseph, Akshay K S, Sivakami P, Bibungsarth Islary, Sneha Alias and Amarnath K. The team won the award for the project titled "Audio book for visually challenged teachers". The audio book app was developed by the students in association with the Kerala Association for the Blind. This was a voluntary initiative for a noble cause taken up by the PMI Students Club of DUK

Best Faculty Award

Pradeep Kumar K, Asst. Professor, School of Digital Humanities & Liberal Arts won the Best Faculty Award for honouring the efforts towards developing innovative teaching methods.


K Pradeep Kumar Receiving the Best Faculty Award at WINGS '25.

Certificates and Medals Distribution

The certificate and medal distribution ceremony was successfully conducted on 2nd January 2025 at Room No. 44. The program commenced at 5:30 PM. The event was honored by distinguished guests, Dr. Alex and Prof. Meraj Uddin, who graciously distributed the certificates and medals to the deserving recipients.

The ceremony was well-organized and witnessed the presence of students, Faculties, and staff members. The recipients were awarded certificates and medals in recognition of their outstanding achievements in Athletics, Sports Quiz Completion and National Youth Festival Prajatantra Participation.




Prajatantra Participant


Sports Quiz Winner


WINNERS LIST

100mtr Men Section

1st Place: Lesly – Blue House

2nd Place: Jyothish – Red House

3rd Place: Rahul Jaman – Yellow House

200mtr Men Section

1st Place: Aman – Grey House

2nd Place: Rahul Jaman – Yellow House

3rd Place: Jyothish –Red House

400mtr Men Section

1st Place: Jyothish – Red House

2nd Place: Lesly – Blue House

3rd Place: Yousut Khan N – Yellow House

800mtr Men Section

1st Place: Akshay Ashok – Green House

2nd Place: Ananthu Suresh – Yellow House

3rd Place: Mahesh Kumar – Green House

1500mtr Men Section

1st Place: Akshay Ashok – Green House

2nd Place: Rahul Jaman – Yellow House

3rd Place: Jishnu P – Red House

Long Jump Men Section

1st Place: Renjith – Blue House

2nd Place: Mridhul – Red House

3rd Place: Adithya – Blue House

100mtr Women Section

1st Place: Archana –Blue House

2nd Place: Anagha M – Blue House

3rd Place: Archana S – Green House

200mtr Women Section

1st Place: Archana – Blue House

2nd Place: Abhinatha – Grey House

3rd Place: Anagha M – Blue House

400mtr Women Section

1st Place: Archana – Blue House

2nd Place: Abhinatha – Grey House

3rd Place: Merin B – Green House

800mtr Women Section

1st Place: Sneha – Blue House

2nd Place: Shabna – Blue House

3rd Place: Merin B – Green House

1500mtr Women Section

1st Place: Malavika – Blue House

2nd Place: Sneha – Blue House

3rd Place: Aavany – Blue House

Long Jump Women Section

1st Place: Vidya BS – Grey House

2nd Place: Janavalsa – Green House

3rd Place: SreelakshmiSuneesh – Red House

WINNERS LIST

High Jump Men Section

1st Place: Akshay Ashok – Green House

2nd Place: Renjith – Blue House

3rd Place: Mridhul – Red House

High Jump Women Section

1st Place: Malavika – Blue House

2nd Place: Archana S – Green House

3rd Place: Uma – Blue House

Shot Put Men Section

1st Place: Shammas – Green House

2nd Place: Prathwik Pauly – Red House

3rd Place: Mahadir – Yellow House

Shot Put Women Section

1st Place: Vidya BS- Grey House

2nd Place: Nanma – Blue House

3rd Place: Shabna – Blue House

Discus Throw Men Section

1st Place: Narasimha – Grey House

2nd Place: Nikhil P – Grey House

3rd Place: Yasik – Grey House

Discus Throw Women Section

1st Place: Vidya BS – Grey House

2nd Place: Anagha M – Blue House

3rd Place: Gayathri P k – Green House

Javelin Throw Men Section

1st Place: Anex K Paul – Green House

2nd Place: Vishnu – Blue House

3rd Place: Narasimha – Grey House

Javelin Throw Women Section

1st Place: Seetha Lakshmi A – Yellow House

2nd Place: Nanma –Blue House

3rd Place: Anila – Blue House

4x100mtrs Relay Men Section

1st Place: Green House: Sreehari, Akshay, Dev, Annex

2nd Place: Abhiram s, Yousef Khan, Rahul Jaman, Sandeep (Yellow House)

3rd Place: Abhiraj, Lesly, Renjith, Thomson (Blue House)

4x100mtrs Relay Women Section

1st Place: Malavika T S, Archana Thomas, Anagha M, Nahida (Blue House)

2nd Place: Anjali Raj, Janavalsa AN, Archana, Gopika

3rd Place: Aswthy ,Sanjuna sunny, Puja, Anushka BR

4x400mtrs Relay Men Section

1st Place: Jishnu, Vinayk, Rohith KR, Yohan Shaji (Red House)

2nd Place: Manish, Mahesh, Ashwin P, Orsi Manish (Green House)

3rd Place: Adarsh Regesh, Adhith M K, Sai, Sohan (Blue House)

WINNERS LIST

4x400mtrs Relay Women Section

1st Place: Shabna Shaji, Umadevi V, Aavany S, Snehakrisha K (Blue House)

2nd Place: Ivene Elizabeth, Merin B Plackal, Surthy K Benni, Sheherna (Green House)

3rd Place: Nancy Antony, Nandana Rajesh, LiyanaLatheef, Gouri S (Red House)

Sports Quiz Winner

1st place: Jyothish and Nikhil

2nd place: Sai and Vaishakh

3rd place: Abhinav and Adhish

Prajatantra Participant

Sai and Akshay VC

Internship/Placement Updates: 2023-2025 Batch as of January 31st 2025

Sl No	Name	Program	Company
1	A Muhammad Thanzeem	MSc Electronics	Quest Global
2	Aarya Ganesh	MSc CS DA	Teachnook
3	Aarya Ganesh	MSc CS DA	Tyloones
4	Afsal Rahman	Msc CS DA	Litmus
5	Akshay Karayil Sadnandan	MBA	ESRI
6	Akshay Sasi	MTech CS	Quest Global
7	Albin Mohammed	MTech CS	Nissan Digital
8	Albin Varun	MSc DA CS	Innovation Incubator
9	Aleena Shojan	MSc DA CS	Teachnook
10	Alwin Varghese T	MSc Cyber Security	Quest Global
11	Amarnath K	MSc Cyber Security	EY
12	Anandik N Anand	MSc DA BIOAI	Teachnook
13	Anna Achankunju	MSc DA CS	Teachnook
14	Annapurna P	Msc CS DA	Reflections
15	Archana GR	MSc DA CS	Chubb
16	Arjun AL	MSc Cyber Security	Reflections
17	Arjun KS	MSc CS DA	Nest Digital
18	Aromal BS	MBA	Teachnook
19	Ashique Sherief	MBA	Teachnook
20	Ashwin P	MSc CS DA	Innovation Incubator
21	Dawn Jo Justine	MSc MI	Quest Global
22	HarshVardhan	MSc MI	Launched
23	Himanshu	MSc Cyber Security	H&R
24	Himanshu	MSc Cyber Security	EY
25	Irin Davis	MSc DA CS	Teachnook

Internship/Placement Updates: 2023-2025 Batch as of January 31st 2025

Sl No	Name	Program	Company
26	Ivin Shaji	MSc Cyber Security	EY
27	Ivin Shaji	MSc Cyber Security	Quest Global
28	Jayadev J	MBA	YHills
29	Kurian Alias	MSc DA BIOAI	Chubb
30	Liyana Latheef	MSc DA GIS	Teachnook
31	Malavika S Krishnan	MSc DA GIS	Teachnook
32	Manish Kumar	MSc Cyber Security	EY
33	Megha S Manoj	MBA	Launched
34	Mohammed Dilshad KK	MSc CS DA	Nest Digital
35	Mohammed Harron	MSc DA BIOAI 8	ThinkBio. ai
36	MS Krishna	MBA	YHills
37	Nandana Rajesh	MSc DA CS	ACMF Technologies
38	Nandana Rajesh	MSc DA CS	Launched
39	NS Vishal	MSc MI	Reflections
40	Poulomi Bannerjee	MSc DA BIOAI	Teachnook
41	Poulomi Bannerjee	MSc DA BIOAI	Chubb
42	Priya Patel	MTech CS	iamneo
43	Rashin Azeez-	MSc DA BIOAI	Launched
44	Remya CR	MSc DA CS	Teachnook
45	Rohith KR	MSc CS DA1	Nest Digital
46	Rupankar Mitra	MSc MI	Techvantage
47	Sai Shankar G	MSc Ecology	Teachnook
48	Sandra Sajeev	MSc DA CS	Launched
49	Sarath Krishnan A	MSc Cyber Security	H&R
50	Shahad PK	MSc CS DA	Launched

Internship/Placement Updates: 2023-2025 Batch as of January 31st 2025

Sl No	Name	Program	Company
51	Shahana TK	MSc DA BIOAI	Innovation Incubator
52	Shaun Binu	MBA	YHills. Stackmod Innovations
53	Shivani Bansal	MSc MI	Tyloones
54	Sidharth K	MSc Cyber Security	Quest Global
55	Sivakami P	MSc DA BIOAI	Teachnook
56	Sivakami P	MSc DA BIOAI	ThinkBio. ai
57	Sneha Alias	MSc DA BIOAI	Chubb
58	Soumya Pal	MSc Cyber Security	EY
59	Sourikta Nag	MSc CS DA	Nest Digital
60	Sreelakshmi VR	MBA	Teachnook
61	Summayya Anwar	MSc CS DA	Techvantage
62	Swetha P	MSc DA CS	Chubb
63	Thejas Haridas	MSc CS DA	Tyloones
64	Vedaprasad	MBA	Launched
65	Yash Samson Lyall	MSc Cyber Security	H&R

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- Elangovan K, " A Simple and Accurate Analog Front-End Circuit for Three-Wire Resistive Sensors," in IEEE Transactions on Instrumentation and Measurement (Accepted for publication).
- Balasubramaniam S et al., "Min-Max Filtering and Exponential Fossa Optimization Algorithm-based Parallel Convolutional Neural Network for heart disease detection", International Journal of Intelligent Systems, Wiley ,2025 (Accepted for Publication).

Book Published

Balasubramaniam, S., B Sundaravadivazhagan, Pethururaj, K Shantha Kumari (Eds). (2025), "Applying Metaverse Technologies to Human-Computer Interaction for Healthcare", CRC Press, Pages:346, ISBN: 9781032792378

Description

The concept of the metaverse signifies the forthcoming stage of development of the Internet, wherein it will facilitate the creation of virtual worlds that are enduring, decentralized, and capable of providing immersive experiences in real time. The metaverse has vast potential for utilization in the domains of life sciences and healthcare, hence motivating investigations in contemporary trends, early adoption use cases, and the forthcoming opportunities it presents. The metaverse also possesses the capacity to fundamentally transform decentralized clinical trials through the elimination of physical and geographical constraints. This change in thinking entails the relocation of clinical trials from conventional settings to the comfort and convenience of patients' residences, resulting in improvements in health behavior, medication adherence, remote monitoring, and other associated factors.

Papers Accepted for Publication

- Remya Eapen, and Jose Joseph, “Towards the point of care detection of Phytophthora palmivora, the coconut bud rot pathogen”, Accepted for publication in 35th Anniversary World Congress on Biosensors 19-22 May 2025 - Lisbon, Portugal
- Lekshmi V, and Jose Joseph, “Next-gen e-skin: transforming prosthetics with multimodal sensor having two-terminal readout”, Accepted for publication in 35th Anniversary World Congress on Biosensors 19-22 May 2025 - Lisbon, Portugal

Research scholars Ms. Remya and Ms. Lekshmi got accepted for publication in the most prestigious conference in the domain of biosensors: 35th World Anniversary Congress on Biosensors, 19-22 May 2025 - Lisbon, Portugal. Google Gemini says 'According to available information, the most prestigious conference in the field of biosensors is widely considered to be the "Anniversary World Congress on Biosensors" organized by Elsevier, often recognized for its large scale and comprehensive coverage of the latest advancements in biosensor technology

Invited talk

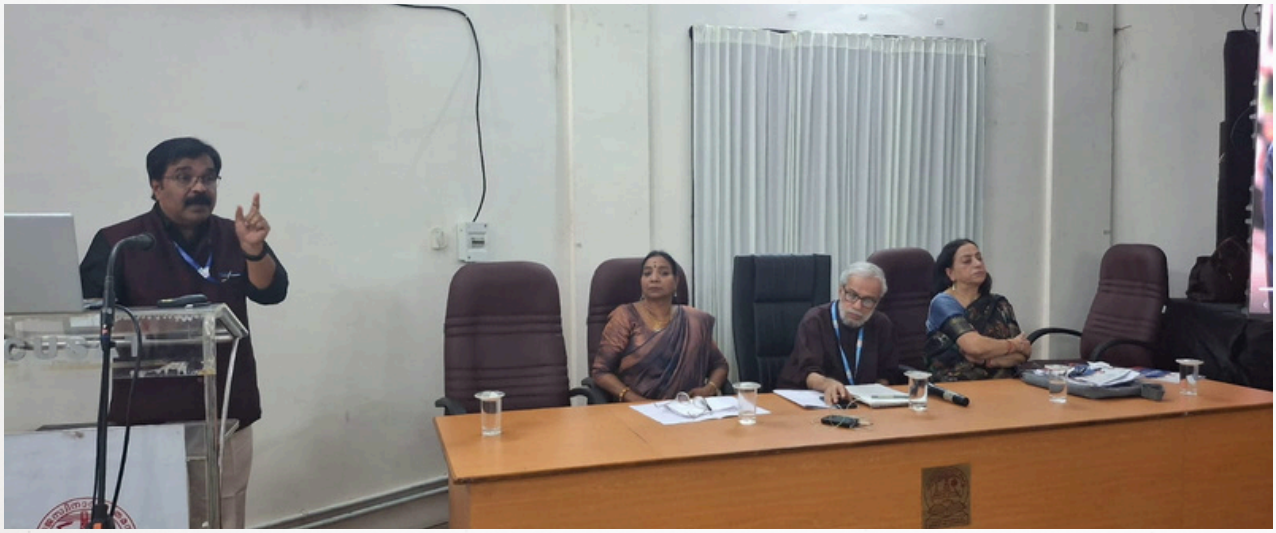
On January 24, 2025, Ms Sabitha Rani delivered an engaging talk on "Applications of Artificial Intelligence in Teaching and Research" at the Curriculum Workshop organized by the Kerala Institute of Tourism and Travel Studies (KITTS). She familiarized participants with various AI tools used in research and teaching, highlighting how these technologies enhance student engagement through interactive platforms that improve participation and retention. The workshop successfully fostered discussions among educators on emerging trends in tourism education.

Editorial Board Invitation - Scientific Reports, Nature Portfolio

Balasubramaniam, S. joined as an Editorial Board Member in Scientific Reports of Nature Portfolio Journal
https://www.nature.com/srep/

Participation as a Panelist in the International Conclave on Next Generation Higher Education

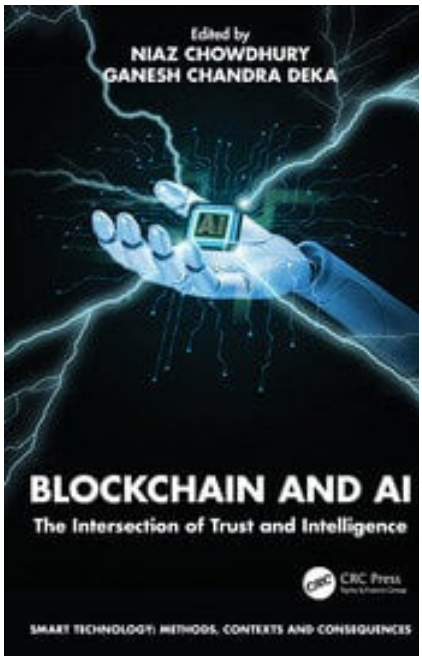
Dr Gopakumar V, Head of Knowledge Centre, Digital University, Kerala took part as a panelist in the panel discussion on the topic "Academic Libraries: Preparing for tomorrow's challenges" conducted as part of the International Conclave on Next-Generation Higher Education held at Cochin University of Science and Technology, Kochi from 13th to 15th of January 2025.



NEW Additions to the Knowledge Centre Collection

Blockchain and AI: The Intersection of Trust and Intelligence

In the rapidly evolving landscape of the digital age, two technologies stand out for their transformative potential: Artificial Intelligence (AI) and Blockchain. This book offers an incisive exploration of the confluence between these technological titans, shedding light on the synergies, challenges, and innovations that arise at this intersection. The chapters explore thought-provoking analyses, informed by cutting-edge research and expert perspectives, that navigate the nuanced interplay of decentralized ledger technology and intelligent systems. From potential applications in teaching and learning, finance, healthcare, and governance to ethical considerations and future trajectories, this volume serves as an essential compendium for scholars, professionals, and anyone keen to grasp the future of digital innovation.



Source: Publisher

Chowdhury, Niaz & Deka, Ganesh Chandra (2024) *Blockchain and AI: The Intersection of Trust and Intelligence.* CRC Press.

UX and Design Thinking Handbook

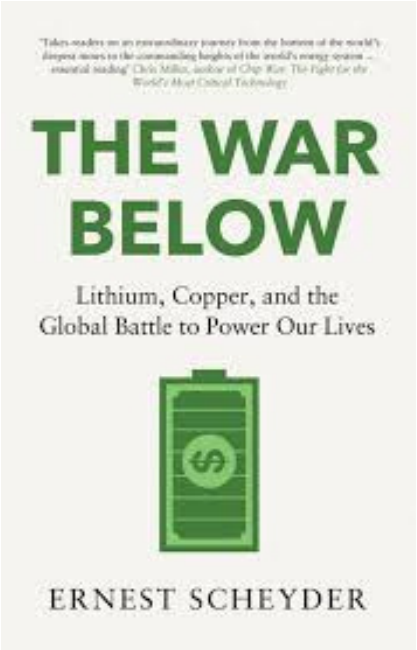
"Foundations of UX and Design Thinking: Provide a comprehensive overview of user experience (UX) design and design thinking methodologies, including their principles, processes, and benefits in product development and innovation. User-Centered Design Principles: Explore user-centered design principles and practices, including user research, persona development, journey mapping, wireframing, prototyping, and usability testing, with a focus on understanding user needs, behaviors, and preferences. UX Design Tools and Techniques: Introduce a range of UX design tools and techniques used in the design process, including sketching, user flows, information architecture, interaction design, visual design, and design collaboration tools, with demonstrations and examples of how to use these tools effectively.

Source: Amazon

Doran, Derek (2025) *UX and Design Thinking Handbook.* Kruger Brentt Publisher.

The War Below: Lithium, Copper, and the Global Battle to Power Our Lives

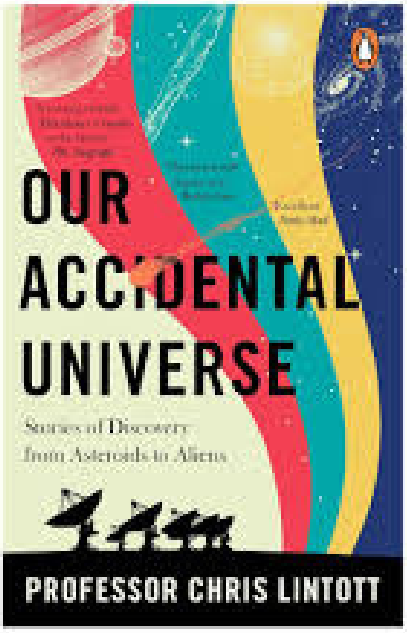
A new economic war for critical minerals has begun, and The War Below is an urgent dispatch from its front lines. To build electric vehicles, solar panels, cell phones, and millions of other devices means the world must dig more mines to extract lithium, copper, and other vital building blocks. But mines are deeply unpopular, even as they have a role to play in fighting climate change and powering crucial technologies. These tensions have sparked a worldwide reckoning over the sourcing of necessary materials, and no one understands the complexities of these issues better than Ernest Scheyder, whose exclusive access to sites around the globe has allowed him to gain unparalleled insights into a future without fossil fuels.



Source: Amazon

Scheyder, Ernest (2024). *The War Below: Lithium, Copper, and the Global Battle to Power Our Lives.* Ithaka Press.

Our Accidental Universe: Stories of Discovery from Asteroids to Aliens

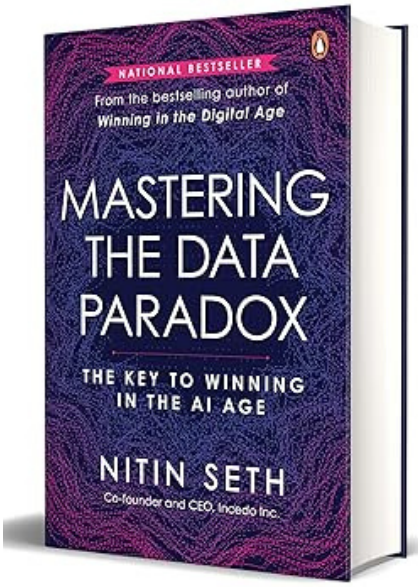


Our view of the Universe is changing. The timeless heavens, turning ceaselessly above us, have been revealed to be dynamic and ever-changing, requiring a new kind of astronomy. On mountaintops and in deserts around the world, new telescopes are being built to show us this changing sky. But amongst all this technological development, the major astronomical events of the past century have largely come about by accident - found not by careful experiment but as surprises when we were looking for something else entirely.Chris Lintott takes us on an astonishing tour of accidents and human error in pursuit of asteroids, pulsars, radio waves, new stars and alien life. On the threshold of opening a new window on the cosmos through new surveys and instruments, his book is an urgent argument for how keeping an open mind can benefit us all - whatever might still be out there for us to find.

Source: Amazon

Lintott, Chris (2024). *Our Accidental Universe: Stories of Discovery from Asteroids to Aliens.* Transworld Publishers.

Mastering the Data Paradox



There are two remarkable phenomena that are unfolding almost simultaneously. The first is the emergence of a data-first world, where data has become a central driving force, shaping industries and fueling innovation. The second is the dawn of the AI age, propelled by the advent of Generative AI, that has created the possibility to leverage the data of the world for the first time. The convergence of these two, with data as the common denominator, holds immense promise and the opportunities are boundless.
This book provides us with opportunities to push our thinking, to innovate, to transform and to create a better future at all levels— individual, enterprise and the world.

Source: Amazon
Seth, Nitin (2024). *Mastering the Data Paradox.* Penguin Business.

Cybersecurity: Insights You Need from Harvard Business Review

No data is completely safe. Cyberattacks on companies and individuals are on the rise and growing not only in number but also in ferocity. And while you may think your company has taken all the precautionary steps to prevent an attack, no individual, company, or country is safe. Cybersecurity can no longer be left exclusively to IT specialists. Improving and increasing data security practices and identifying suspicious activity is everyone's responsibility, from the boardroom to the break room. "Cybersecurity: The Insights You Need from Harvard Business Review" brings you today's most essential thinking on cybersecurity, from outlining the challenges to exploring the solutions, and provides you with the critical information you need to prepare your company for the inevitable hack. The lessons in this book will help you get everyone in your organization on the same page when it comes to protecting your most valuable assets.

Business is changing. Will you adapt or be left behind? Get up to speed and deepen your understanding of the topics that are shaping your company's future with the Insights You Need from Harvard Business Review series.

Source: Amazon
Harvard Business Review (2019). *Cybersecurity: Insights You Need from Harvard Business Review.* Harvard Business Review Press.

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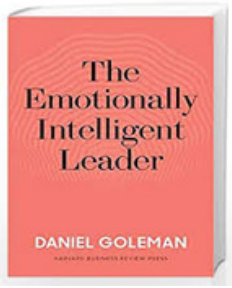
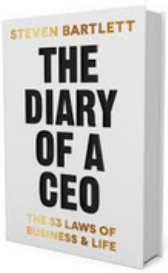
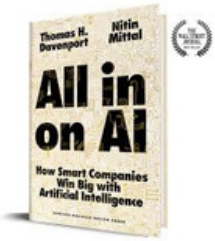
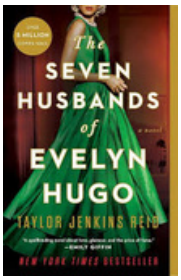
http://libcat.duk.ac.in

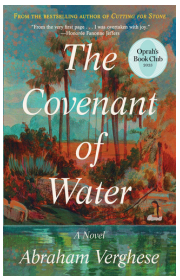
Connecting People to Knowledge

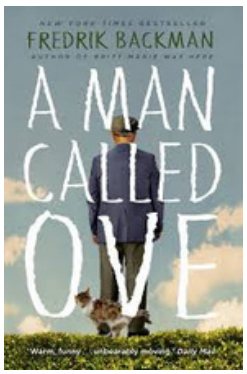


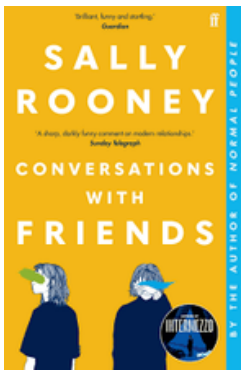


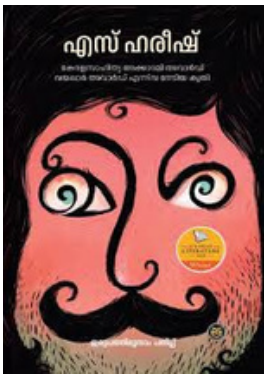


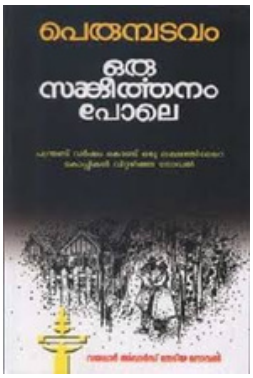


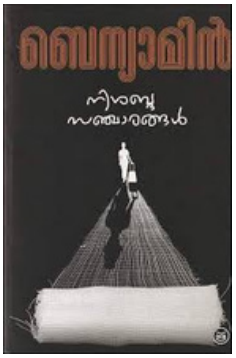


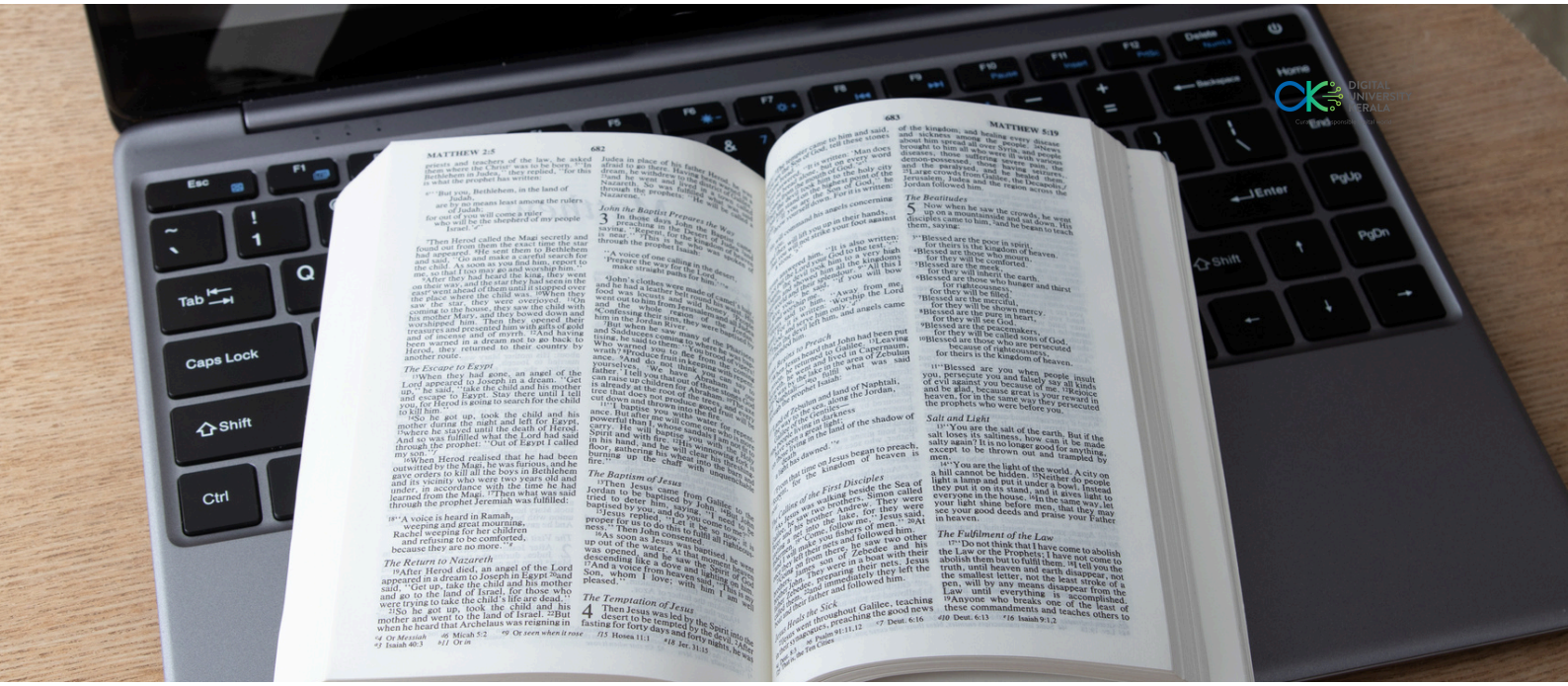












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Journal Articles

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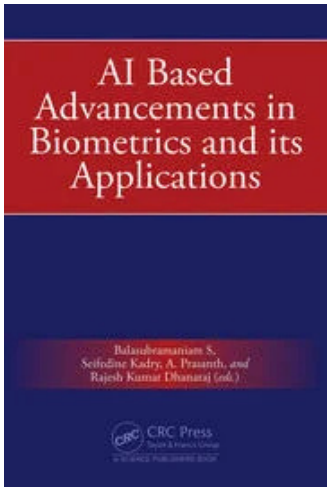

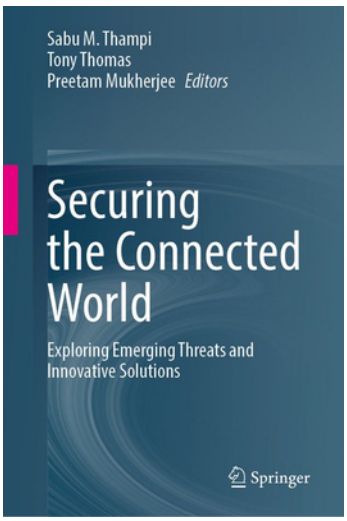

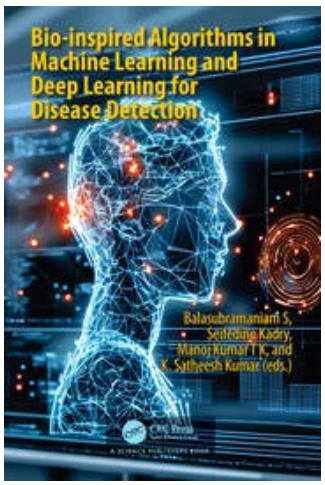

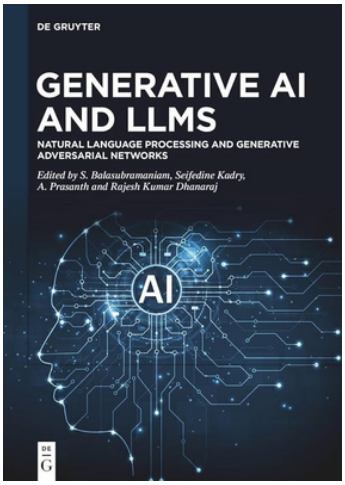

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- Pavithran, Parvathy & Sherly,Elizabeth, "An ASR model for Individuals with Hearing Impairment using Hidden Markov Model" at the 9th International Conference for Convergence in Technology (I2CT), held on 05th-07th April 2024, in Pune, India.
- Gopinath,Raji & Sherly, Elizabeth,"Fostering Learning with Facial Insights: Geometrical Approach to Real- Time Learner Engagement Detection" at the 9th International Conference for Convergence in Technology (I2CT), held on 05th-07th April 2024, in Pune, India.
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— Fran Lebowitz

(American Author, Public Speaker and Actor)

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