

Neurofluence

DESIGNING FUTURE WITH EXCELLENCE

Unwrapping the Magic

Explore the Joys and Wonders of the Christmas Season. p18

Browsing History

Explore the tech from the past. p32

Techmania

Explore how the new tech has changed the world. p30

VOLUME 6 ISSUE 3

2023

OCTOBER - DECEMBER

CONTENTS

MESSAGE FROM HOD **01**

LETTER FROM THE EDITOR **02**

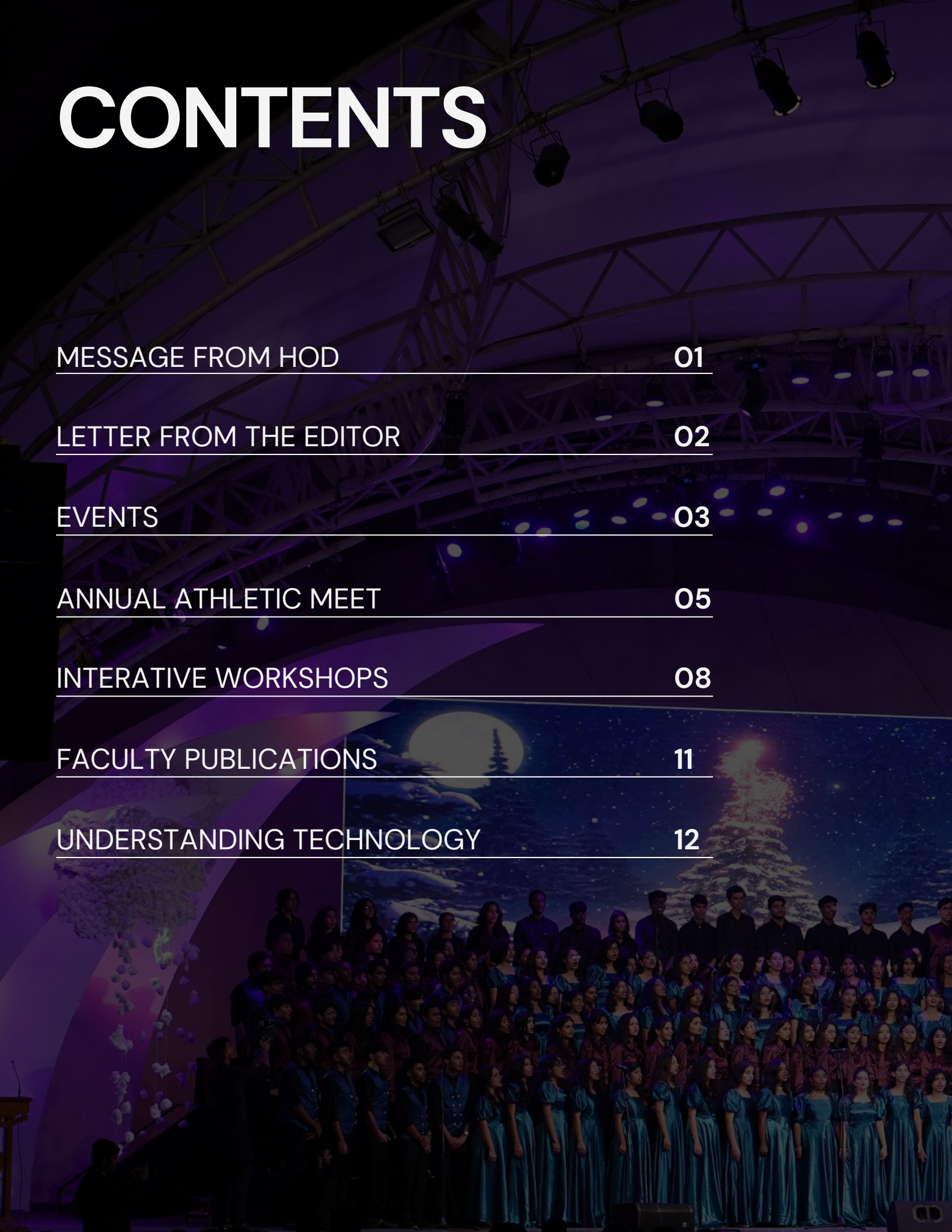
EVENTS **03**

ANNUAL ATHLETIC MEET **05**

INTERATIVE WORKSHOPS **08**

FACULTY PUBLICATIONS **11**

UNDERSTANDING TECHNOLOGY **12**



FACULTY PUBLICATIONS 13

GRANTS 16

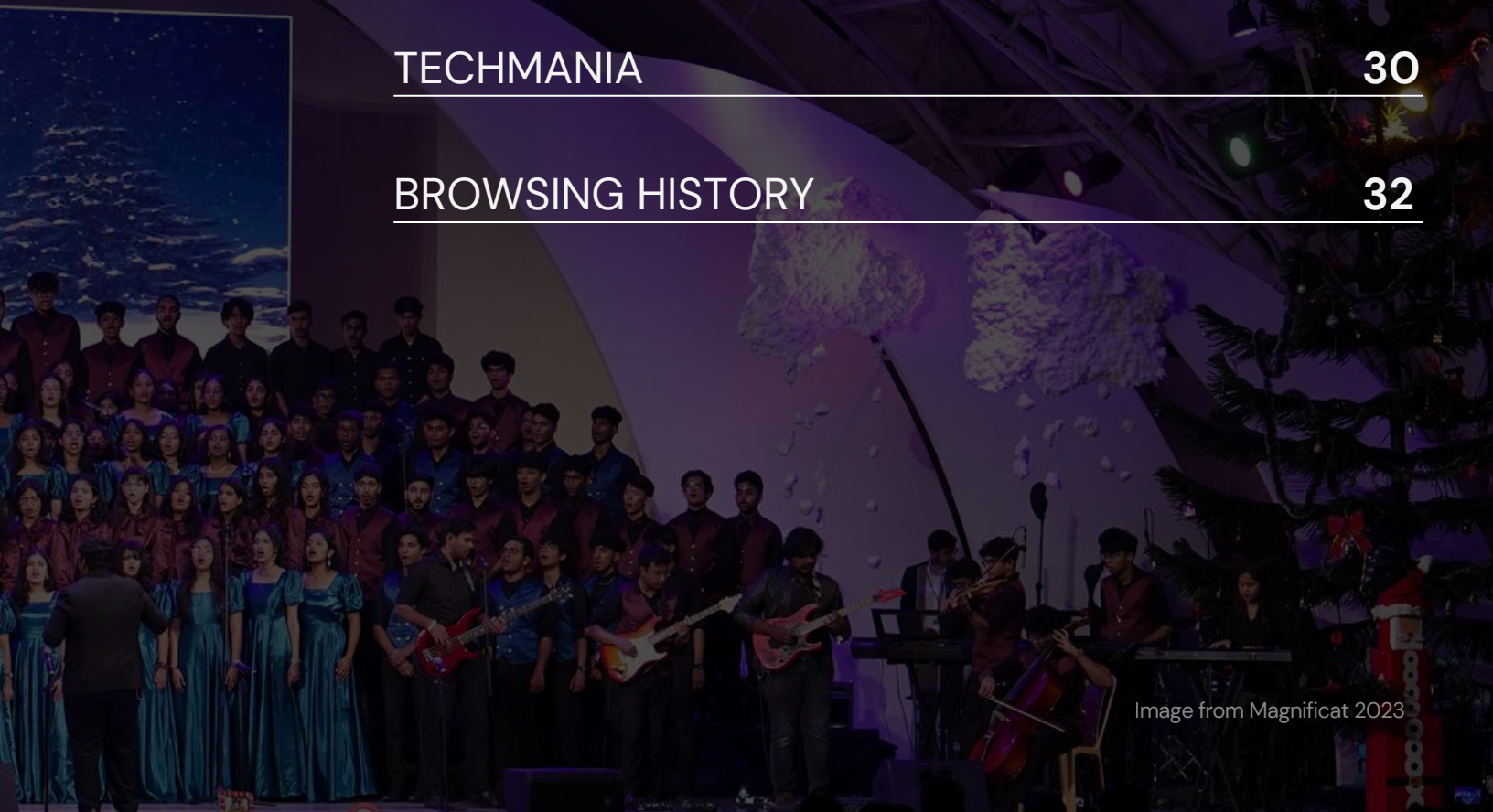
OTHER ACHIEVEMENTS 17

UNWRAPPING THE MAGIC 18

PLACEMENTS 20

TECHMANIA 30

BROWSING HISTORY 32



DEPARTMENT OF CSE

A golden lamp with a circular emblem on top, set against a dark background. The emblem features a central figure and text in a circular border. The lamp has a tiered base and a wide, shallow bowl.

VISION

To Fortify Ethical Computational Excellence.

MISSION

Imparts core and contemporary knowledge in the areas of Computation and Information Technology.

Promotes the culture of research and facilitates higher studies.

Acquaints the students with the latest industrial practices, team building and entrepreneurship.

Sensitizes the students to serve for environmental, social & ethical needs of society through lifelong learning.

PROGRAMMES OFFERED

Undergraduate Programs (B.Tech.)

- BTech - Computer Science and Engineering
- BTech - Information Technology
- BTech - Computer Science and Engineering (Data Science)
- BTech - Computer Science and Engineering (IoT)
- BTech - Computer Science and Engineering (AI & ML)

Honors

- Honors in Artificial Intelligence
- Honors in Data Analytics
- Honors in Cyber Security

Minors

- Minors in Artificial Intelligence

Postgraduate Programs

- MTech - Computer Science and Engineering
- MTech - Data Science

Doctoral Programs (PhD)

- PhD - Computer Science and Engineering
- PhD - Information Technology

MESSAGE FROM HOD



“The Department of Computer Science and Engineering (CSE) is a centre of excellence providing comprehensive technical knowledge and inspiring students in innovation and research”

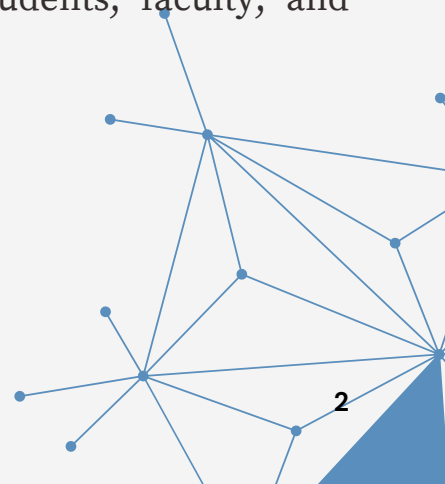
The Department of Computer Science and Engineering has created an intensive teaching and learning experience through industry driven curriculum. The department strives hard to inculcate among students a passion for innovation through research and product development in niche areas of Data science, Artificial Intelligence, Computer Vision, Internet of Things and Network Security. The department indulges in creating workable solutions for issues faced by society through Service-Learning modules. At present, the department has 58 faculty with doctorate degree and 10 faculty members on the verge of completing PhD in various verticals of CSE. The vision of achieving excellence through service is the key factor that unites the department.

Dr Mary Anita EA
hod.cse@christuniversity.in

LETTER FROM THE EDITOR

The Department of Computer Science and Engineering is thrilled to announce the release of the sixth volume, issue two, of its official newsletter, "Neurofluence," for the academic year 2023-24. This edition will unpack ASCII, the department's student association, faculty publications, successful placements, and other noteworthy departmental activities. Readers can anticipate a deep dive into cutting-edge topics, providing technical insights that align with the current market demands and showcasing the academic excellence and research contributions of the department's esteemed faculty.

"Neurofluence" stands out by weaving together technical depth and departmental vibrancy uniquely. In this issue, the spotlight on faculty publications and student achievements will offer readers a glimpse into the dynamic landscape of computer science and engineering, making it a compelling read for students, faculty, and industry professionals alike.





EVENTS

December 16th: Happiest Minds Technologies' workshop on "Data Science Opportunities" explored career paths and trends in this growing field for 4th and 6th-semester students.

December 16th: Avjit Roy's talk on "Data O' Sphere" provided insights into this evolving area, organized by ASCII.

December 20th: Hinduja Global Solutions Ltd's Design Thinking Workshop equipped final-year BTech and second-semester MTech students with valuable problem-solving skills. Future-Focused Learning:

December 21st: A collaborative Design Thinking workshop titled "Navigating the Future: Embracing Innovation" prepared students to tackle future challenges by integrating innovation and design thinking.

Mr. Shahrukh Ajmeri from National Cyber Forensic Laboratory (NCFL), Delhi, conducted a Faculty Training Programme on November 6, 2023.

A workshop on "Digital Forensic - A Walk Through" was conducted from November 6-7, 2023, for 14 staff members. The trainer was Mr. Sharuk from IFF Lab, ARDC.

The Coders Club is actively organizing coding challenges for 3rd year students. Consolidated results will be published at the end of the semester.

December 2nd: ISRO's talk on "Spacecraft Technology" sparked curiosity about space exploration for 4th and 6th semester students.

Seminars

On November 10, 2023, Dr. Shiv Prakash Rangaswami, Associate Professor at VCU College of Engineering, delivered a guest talk about studying in the USA. The event covered essential aspects, including general facts, reasons for choosing the USA as a study destination, insights into immigration and visa procedures, the VCU-CHRIST partnership, success tips, a timeline overview. It concluded with a brief question and answer session, providing valuable information for prospective students considering educational opportunities in the United States.

A seminar on Machine Learning using Python was held on October 4, 2023, featuring presentations by Dr. Kavitha R, Associate Professor at CHRIST (Deemed to be University), on "Machine Learning"; Dr. Chandra J, Associate Professor at the same institution, also on "Machine Learning"; and Dr. Sandeep, Assistant Professor at CHRIST (Deemed to be University), on "Python". The seminar aimed to provide attendees with a basic understanding of Machine Learning concepts, including types and workings, as well as fundamental concepts of Python, numpy, and pandas.



The **4th International Conference on Data Science, Computation, and Security (IDSCS'23)** was held from November 2nd to 4th, 2023, in collaboration with Symbiosis University of Applied Sciences, Indore, and The Tejas Scientific Researcher Foundation, India. Presenters included Dr. Saurabh Gupta, Joint Secretary at the Ministry of Home Affairs, Government of India, who spoke on "Data Science and Deep Fake Technologies"; Mr. Aninda Bose, Executive Editor at Springer Nature, London, UK, presented on "Publishing Ethics and Author Services"; Dr. A K Nayak, Advisor of IIBM Group of institutions, discussed the "Importance of Data Science in Real Time Applications"; Dr. Nilanjan Dey, Assistant Professor at Techno International New Town, Kolkata, presented on "Learning from Small Datasets"; and Dr. Shaligram Prajapat, Associate Professor at International Institute of Professional Studies, Devi Ahilya University, Indore, addressed "Automatic Variable Key Approaches for Information Security". The conference attracted 357 participants worldwide, including 142 external participants, aiming to facilitate knowledge exchange among academicians, researchers, technocrats, practitioners, and students across various disciplines such as Engineering, Data Science, Artificial Intelligence, Machine Learning, Computation, and Security. It served as a platform to discuss recent innovations, trends, and challenges in these fields.





The Annual Athletic Meet on December 9th, 2023, showcased athletic prowess and emphasized unity within the Christ University community. Participants from various backgrounds competed, displaying diverse talents. The event featured spirited competitions, cultural performances, and awards for sportsmanship and teamwork. Dynamic Master of Ceremonies set an engaging tone, while the Computer Science and Engineering department's march symbolized innovation. Overall, the meet embodied Christ University's vibrant spirit.

"A symphony of strength, a dance of determination; our annual sport meet, where champions rise and the arena echoes with the heartbeat of competition." – Pranshu Patel





The marching band, a kaleidoscope of talent and dedication, infused the Annual Athletic Meet on December 9th, 2023, with an undeniable sense of spectacle and grandeur. Beyond the precision of their movements and the harmonious notes that filled the air, the musicians radiated an infectious passion that reached every corner of the venue. The drumline, with its rhythmic cadence, set the pace for the entire procession, creating a dynamic energy that propelled the march past forward. The brass section added regality to the affair, their trumpets and trombones cutting through the atmosphere with triumphant tones. Simultaneously, the woodwinds contributed a melodic finesse that added layers of emotion to the performance. As the band seamlessly navigated through intricate formations, their visual and auditory symphony became a living, breathing entity, transforming the mere act of marching into a captivating and immersive experience.



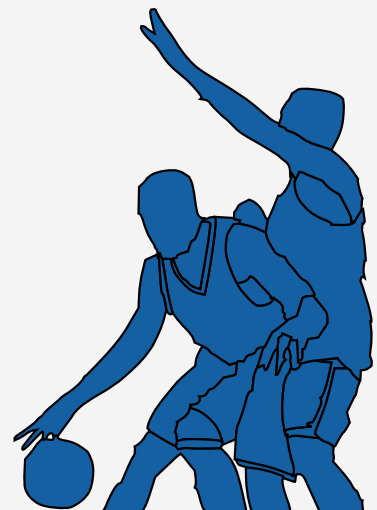
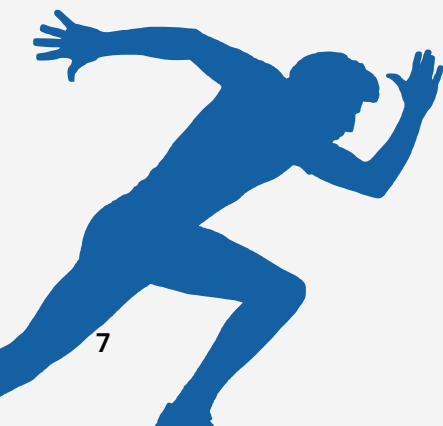
SPORTS

Several students from different semesters and departments participated in the 2023-2024 State Level Table Tennis competition hosted by Transcend Group of Institutions. Notable participants included **Harsh Shah** (2162218) from the 6 BTCS DS, bagging winner and runner-up positions. Likewise, **Lakshana K** (2260388) from 4 BTCS A bagged winner and runner-up positions. Additionally, **Saksham Sharma** (2262251) from 4 BTCS DS, bagged the runner-up position.



Achievements Straight From the Annual Athletic Meet'24

- **Justin Biju Cherian** (2060367) – 7 BTCS C, emerged as the 100m, 200m, and 4x100m Relay events winner.
- **Vimal Baby** (2262169) - 4 BTCS AIML C, secured victory in the 400m race.
- **Nischay M K** (2260405) - 3 BTCS A, clinched first place in the 800m, 1500m, and 4x100m Relay events.
- **Bhoomika G R** (2260352) - 3 BTCS A, triumphed in the Javelin Throw competition.
- **Carolyn John** (2062043) – 7 BTCS AIML, achieved victory in the Shot Put and secured the runner-up position in the Javelin Throw.
- **Alex John Joseph** (2260326) – 4 BTCS A, emerged victorious in the 4x100m Relay event.
- **Allen Antony Tommy** (2262020) – 4 BTCS AIML A, secured first place in the 4x100m Relay.
- **Sebin Anto Padinjarekara** (2160397) – 6 BTCS B, emerged as the winner in the 4x100m Relay.
- **Joyel Jojo** (160356) – 6BTCS A, claimed the third position in the 800m race.
- **Sri Partha Sarathi R** (2162244), 6 BTCS DS, emerged as the winner in the Shot Put.
- **Abhinav Nair** (2160304) - 6BTCS B, participated in the 4x400m Relay event.



INTERACTIVE WORKSHOPS

T E C H S E M I N A R S E R I E S



International Guest Talk on Opportunities for student exchange, research projects and collaborations.

On October 21, 2023, a guest talk was conducted featuring Dr. Bridget McInnes, Associate Professor and Graduate Program Director from VCU College of Engineering. The event included an introduction of the CSE CU team, a presentation by Dr. McInnes, research briefs, and project discussions by participants, exploration of collaboration possibilities, and a campus tour. Key takeaways emphasized collaboration opportunities for student and faculty projects, academic collaborations, and research projects. The activity summary highlighted student and faculty research projects, student internships, and collaborative projects as key outcomes.

Guest Speaker: Dr Bridget McInnes research has primarily been in the area of Natural Language Processing (NLP) with a particular interest in semantics, the process of analyzing the meaning of text.

Workshops on Corporate Ethics and Challenges and Introduction and Preamble of Indian Constitution.



A Corporate Ethics and Challenges seminar was conducted on November 8, 2023, in collaboration with IEEE Computer Society Bangalore Chapter and IEEE Computer Society CHRIST University Student Chapter. The speaker, Mr. Kirubakaran David, SAP Senior Service Delivery Manager at IBM Consulting Pvt Ltd - India, delivered a presentation focusing on ethical decision-making, corporate social responsibility, ethics values, integrity traits, and ethical dilemmas. The seminar concluded with expressions of gratitude to all participants and organizers, particularly Mr. Kirubakaran David, and a token of appreciation was presented. Overall, the event emphasized a collective commitment to fostering ethical conduct in the corporate sphere.

Guest Speaker: Mr. Kirubakaran David, SAP Senior Service Delivery Manager at IBM



A seminar on the Constitution of India was conducted on October 4, 2023. Presenters included Dr. Jithin V J, Ms. Snigdha Singh, and Dr. Abhishek Sharma P, all Assistant Professors at the School of Law, CHRIST Central Campus. Topics covered included the Preamble of the Indian Constitution, Introduction to the Constitution of India, and Fundamental Rights in the Indian Constitution. The seminar provided insights into the history and characteristics of the Indian Constitution, power distribution among different levels of government, legislative processes, and the significance of Fundamental Rights, with real-life case examples. Group activities were also conducted to facilitate learning.

Guest Speakers: Dr. Jithin V J, Ms. Snigdha Singh, and Dr. Abhishek Sharma P.

Workshop on Opportunities in Data Science and Workshop on Cyber Safety and Cyber Laws



On December 6, 2023, a technical talk titled "Sensitization on Cyber Laws and the Importance of Cyber Safety" was held in honor of Bharat Ratna Dr. B R Ambedkar, commemorating his death anniversary. The speaker, Mrs. Diya C R, Assistant Professor at the School of Law, CHRIST (Deemed to be University), delivered an informative session aimed at empowering participants with a thorough understanding of cyber laws and emphasizing the significance of cyber safety.

Guest Speaker: Mrs. Diya C R, Assistant Professor at the School of Law, CHRIST (Deemed to be University)

On December 19, 2023, the session "Opportunities in Data Science - Industry Ready Workforce" took place in collaboration with CSA Kengeri Campus, featuring Mr. Ammishaddai U, Associate Principal Data Scientist at Happiest Minds Technologies, Bangalore, as the guest speaker. Organized by the Social Entrepreneurship and Education and Skill Development Cohort, the event gathered approximately 60 students along with three mentors.

Guest Speaker: Mr. Ammishaddai U, Associate Principal Data Scientist at Happiest Minds Technologies, Bangalore

ALUMNI INTERACTIONS

ALUMNI TECH TALK SERIES



Mr. Madhavendra Singh Negi, an alumnus, delivered an online talk on “Open AI” for students on November 17, 2023, organized by ASCII.

Mr. Vijay Surya, another alumnus, gave an online talk on “Supply Chain and Logistics: Business Analysis” for students on November 24, 2023, organized by ASCII.

December 8th: Alumni Pawan Kumar Prasad (2016-2020) shared his expertise on “Cyber Security in Automotive Industry”, inspiring students with real-world applications.

December 8th: IBM Consulting’s “Ethics in the Corporate World” seminar equipped 4th and 6th-semester students with ethical considerations for future careers.

UNDERSTANDING TECHNOLOGY

WITH DR. RAJU G →

Q. What is the technology that you feel is underused and why?

Contemporary application development demands high-performance computing infrastructure, which is not affordable to many institutions. The computational power of cheap low-end systems combined through a distributed computing framework is a feasible approach to address this. Though distributing concepts are well developed and many successful implementations are reported, the technology still remains underutilized.

Q. In your entire teaching career, what are the moments that make you enjoy teaching?

A call, message, or mail from former students always makes me happy (even from students whom I taught almost 30 years back).

Q. What is your advice for us students to ensure that we make the best use of our time while we study to become engineers?

Plan your days with a good balance between academic and personal life. Do read technical articles in leading dailies as well as magazines. Complete at least one MOOC course per semester (of your interest and aligned with your career goal). In every semester, starting from the 3rd semester, try to complete one research/development project, publish at least one article, and present your work in conferences/symposia/seminars, under the supervision of faculty.





FACULTY PUBLICATIONS

Yasin, Wasim, Karthikeyan Harimoorthy, and Divya Vetriveeran. "Identification of Consumer Buying Patterns using KNN in E-Commerce Applications." In 2023 3rd International Conference on Pervasive Computing and Social Networking (ICPCSN), pp. 187-192. IEEE, 2023.

Madhu, Meghna, V. R. Gurudas, Chinthakunta Manjunath, Praveen Naik, and Praveen Kulkarni. "Non-Contact Vital Prediction Using rPPG Signals." In 2023 IEEE International Conference on Contemporary Computing and Communications (InC4), vol. 1, pp. 1-5. IEEE, 2023.

In the Conference Proceedings of Lecture Notes in Networks and Systems by D. Prakyath, S. Mallikarjunaswamy, N. Sharmila, REKHA V, and S. Pooja, published by Springer Singapore on October 1, 2023, there is no specific chapter or article mentioned.

Ansari, Saif, Praveen Kulkarni, Tm Rajesh, and V. R. Gurudas. "Facial Emotion Detection Using Deep Learning: A Survey." In 2023 IEEE International Conference on Contemporary Computing and Communications (InC4), vol. 1, pp. 1-4. IEEE, 2023.

Ramkumar, M., P. Shanmugaraja, B. Dhiyanesh, G. Kiruthiga, V. Anusuya, and B. J. Bejoy. "Bipolar Disease Data Prediction Using Adaptive Structure Convolutional Neuron Classifier Using Deep Learning." In International Conference on Information, Communication and Computing Technology, pp. 131-143. Singapore: Springer Nature Singapore, 2023.

Prasad, Vadamodula, G. V. Sriramakrishnan, and I. Diana Jeba Jingle. "Autism spectrum disorder detection using brain MRI image enabled deep learning with hybrid sewing training optimization." Signal, Image and Video Processing 17, no. 8 (2023): 4001-4008.



CONGRATULATIONS!



DR SANDEEP KUMAR
Professor, Department of
Computer Science and Engineering
CHRIST (Deemed to be University)
Bangalore Kengeri Campus

The Office of Personnel Relations Congratulates
Dr Sandeep Kumar
on his achievement of
publishing
100 articles
in Scopus indexed journals

WISHING THE PROFESSOR ALL THE BEST FOR FUTURE
ACHIEVEMENTS

OFFICE OF PERSONNEL RELATIONS

FACULTY PUBLICATIONS

Xavier, K. Anushka, Chinthakunta Manjunath, M. Manohar, V. R. Gurudas, N. Jayapandian, and M. Balamurugan. "Analytical Methods of Machine Learning Model for E-Commerce Sales Analysis and Prediction." In 2023 IEEE International Conference on Contemporary Computing and Communications (InC4), vol. 1, pp. 1-6. IEEE, 2023.

Kumari, Rajani, and Sandeep Kumar. "Student's Performance Prediction Using Modified PSO." In 2023 IEEE World Conference on Applied Intelligence and Computing (AIC), pp. 1015-1020. IEEE, 2023.

Patil, Manoj A., and M. Manohar. "Potato leaf disease identification using hybrid deep learning model." In 2023 International Conference on Network, Multimedia and Information Technology (NMITCON), pp. 1-9. IEEE, 2023.

Garg, Muskan, Sandeep Kumar, and Abdul Khader Jilani Saudagar, eds. Natural Language Processing and Information Retrieval: Principles and Applications. CRC Press, 2023.

Shukla, Samiksha, Kritica Bisht, Kapil Tiwari, and Shahid Bashir. Data Economy in the Digital Age. Springer, 2023.

Padmaja, K., and Debarka Mukhopadhyay. "A Model for Detecting Type 2 Diabetes Using Mixed Single-Cell RNA Sequencing with Optimized Data." SN Computer Science 4, no. 6 (2023): 768.

Prathap, Boppuru Rudra, Kukatlapalli Pradeep Kumar, Cherukuri Ravindranath Chowdary, and Javid Hussain. "AI-based Yolo v4 intelligent traffic light control system." Journal of Automation, Mobile Robotics and Intelligent Systems 16, no. 4 (2022): 53-61.

Dharan, Anandu M., and Debarka Mukhopadhyay. "A comprehensive survey on machine learning techniques to mobilize multi-camera network for smart surveillance." Innovations in Systems and Software Engineering (2023): 1-20.

Srinivasaiiah, Raghavendra, Ravikumar Hodikeyhosahally Channegowda, and Santosh Kumar Jankatti. "Analysis and prediction of seed quality using machine learning." International Journal of Electrical & Computer Engineering (2088-8708) 13, no. 5 (2023).

Padmaja, K., and Mukhopadhyay Debarka. "An Investigation of Complex Interactions Between Genetically Determined Protein Expression and the Metabolic Phenotype of Human Islet Cells Using Deep Learning." SN Computer Science 4, no. 6 (2023): 767.



GRANTS

External Funding

Research Prototype of a Remote Screening System for Diabetic Retinopathy under India - Belarus Joint Call for Proposals-International Cooperation Division - SERB, DST

Dr. Raju G & Team

CHRIST University Seed Funding

Product Recommendation System using Digital Twin and ML

Dr D.Vinodha, Dr. Mary Anita E A, Dr. Jeneffa J

Healthcare Analytics for Extracting useful Insights from Clinical Text Documents

Dr Sujatha A K, Dr. Samiksha Shukla

Flipped Classroom: Learning outside the classroom

Dr Jyothi Mandala

AI Based Placement Bot

Dr.Jeno Lovesum, Dr. Divya V, Dr. Rakoth Kandan S

Development of AI Enabled Contactless Remote Health Monitoring System for Neonatal Care

Dr. Shamanth N., Dr.Manu Elappila, Dr. Bijeesh T V

Early Alzheimer's Disease Detection Based on Hybrid Deep Learning Model using Magnetic Resonance Imaging

Dr. Lalitha K, Dr. Manjunatha Swamy C

Animal Intrusion Detection and Repellant System

Dr. Sandeep Kumar

A Reliable Robust Web Phishing Detection System

Dr. Diana Jeba Jingle I, Dr. Gnana Prakasi O S

Automated Exam Invigilation Using Deep learning for a classroom Environment

Dr Michael Moses T & Team

Antecedent and Consequences of AI Anxiety in Cyberspace

Dr.Natarajan K, Dr. Madalaimuthu A

Development of a Comprehensive Spectral Library for Characterizing Pure and Impure Water in the city of Bangalore

Dr Bijeesh TV, Dr.Bejoy B J

Smart Parking System for CHRIST Campus

Dr.Manohar M, Dr.Alok Kumar Pani



OTHER NOTABLE ACHIEVEMENTS

Athulya S received Google Certified Educator Level 1 by Google and a Certificate of Recognition From QS Reimagine Education awards as a Judge by Khalifa University, Abudhabi.

Dr Sandeep Kumar was awarded the Outstanding Volunteer of the Year 2023 by the IEEE Computer Society Bangalore Chapter and was awarded the Outstanding Volunteer by NITK. He also edited books and 2 proceedings by Springer & Taylor and Francis.

Ph.D. Scholar Publication: CSE Ph.D. scholar Lalasa and Dr. J Thomas co- authored a paper published in the International Journal of Advances in Intelligent Informatics (Vol. 9, No. 3, November 2023, pp. 502-523).

Cadet Achievements: Cdt Noel John Varghese (3BTCS A) and Shekar Kwatra (3 BTCS-AIML C) successfully completed the All India Vayu Sainik Camp on October 4th, 2023.

Competition Recognition: Vyshnav KS and his team (6th sem) secured the first runner-up position in the SAP Campus Champion competition.

Research Presentation: Joel Augustine Tomy (7-BTCS C-SECTION) presented a paper on "Sentimental Analysis on Mobile Phone Review using Machine Learning" at the RIACT 2023 conference organized by Vellore Institute of Technology, Chennai, India (October 20-22).

Published Research: Darshan K (2060335) and Jerusha Samuel (2060434) (8th sem) published their paper "NLP-Powered Sentiment Analysis on Twitter" in the Saudi Journal of Engineering and Technology.

Continued Success: Swetha Cordelia A (3MTCS) presented her paper "Emoji Sentiment Analysis of User Reviews on Online Applications using Supervised Machine Learning" at the International Conference on Data Science, Computation and Security (IDSCS 2023) on November 3rd.

Augadh Verma (2160320) and B Satyam Rao (2160325) bagged the first prize in the Dashboarding Competition as a part of the 9th Edition of PHASESHIFT , The International Technical Symposium of BMS College of Engineering.

During Rector's Day 2023 celebrations, CSE team bagged 3rd prize in dance drama competition.



UNWRAPPING THE MAGIC

By Dilon Denny Thomas
Editor, Neurofluence

As the crisp December air descends on Bengaluru, a spirit of festivity takes hold. The vibrant energy of Christmas fills the hallways with carols, the aroma of seasonal delicacies, and the anticipation of exciting celebrations. Christ (Deemed to be University) is no stranger to these symptoms.

One of the most captivating shows during this time is the college's visual treat of a crib lead by our very own Rev Fr. Shijin who is the head of the ACC group in Kengeri Campus. Each year, a dedicated group of students from ACC meticulously crafts a breathtaking masterpiece depicting the nativity scene.

Their artistry is evident in the intricate details of the figurines, the miniature houses, and the overall composition that brings the story of Jesus' birth to life through an experience. This visual masterpiece inspires and amazes the entire college community, serving as a constant reminder of the season's significance.



The campus transforms into a vibrant hub of cultural activities as the festive spirit takes centre stage. The air reverberates with the joyful sounds of carolling competitions and the energetic beats of dance performances. A delightful Christmas event held on campus allows students to showcase their talents and craftsmanship, offering homemade dishes and handcrafted items to everyone around for a joyous time together. This atmosphere of festivity fosters a sense of community and celebrates the diverse backgrounds and traditions that make the college such a rich tapestry.

The "Magnificat," an annual inter-college cultural competition, is the crown jewel of the Christmas festivities. Colleges from across the city come together at various stages, one of which being Christ (Deemed to be University), to display their talents in various artistic disciplines, including singing, dancing, dramatics, and even visual arts. This event fosters a spirit of healthy competition and camaraderie, allowing students to exhibit their creativity and teamwork on a grand stage.

Christmas at Christ (Deemed to be University) transcends the realm of a mere religious celebration. It serves as a powerful testament to the strength of our community, the power of creative expression, and the simple joy of celebration. It offers a much-needed respite from academic pursuits, fostering a sense of togetherness as we embrace the values of love, peace, and hope that are central to this festive season. These celebrations leave a warm glow in our hearts, reminding us of the importance of connection and shared experiences, even as the holidays come to a close.



A photograph of three students in a laboratory or classroom setting. They are gathered around a desk, looking at a laptop and a breadboard circuit. The student in the foreground is wearing a dark suit jacket and a lanyard with an ID card. The student in the middle is wearing a dark shirt and a watch. The student in the background is wearing a dark shirt and glasses. The scene is dimly lit, with a red wall visible in the background. The text 'PLACEMENTS' is overlaid in large white letters, and 'CONGRATULATIONS TO THE FOLLOWING STUDENTS FOR SECURING PLACEMENTS' is overlaid in smaller white letters below it.

PLACEMENTS

CONGRATULATIONS TO THE FOLLOWING
STUDENTS FOR SECURING PLACEMENTS

Students Placed in



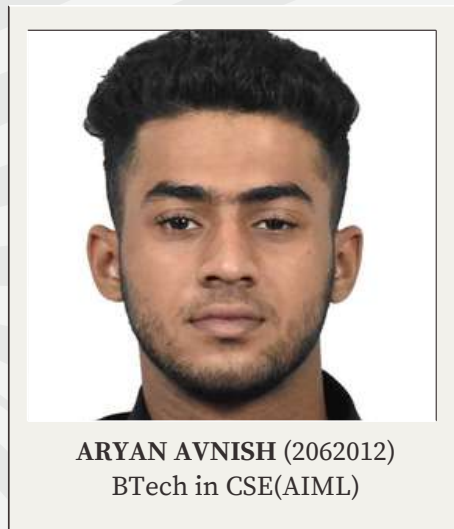
NAVYA SHIJU(2060440)
BTech in CSE



S NEETHU (2061027)
BTech in CSE(IT)



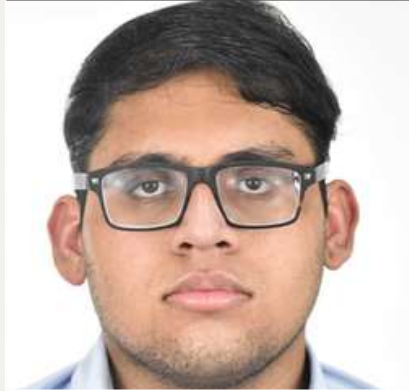
Student Placed in valtech_



Students Placed in 6D Technologies



HRIGITH KN(2060350)
BTech in CSE



JADEN RUFINO AGUIAR (2060351)
BTech in CSE



NOUREEN NASAR (2062233)
BTech in CSE (DS)

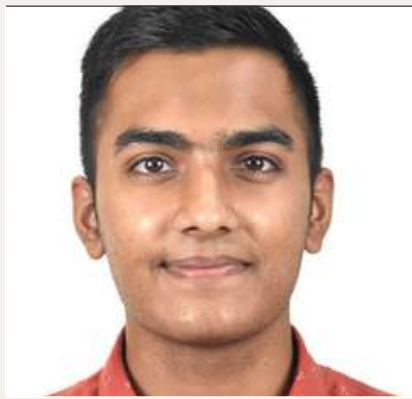


BELLAM VIJAYA LAKSHMI
(2060423)
BTech in CSE



PRATAPA VENKATA NAGA
HEMANTH (2060391)
BTech in CSE

Students Placed in 6D Technologies



VEDANTAM SRIRAM
(200489)
BTech in CSE



PIYUSH RAJ TIWARI
(2061037)
BTech in CSE(IT)



SWATHIKIRAN KK(2062225)
BTech in CSE(DS)



GOWTHAM K (2061024)
BTech in CSE(IT)



KANISHK SINGH(2061007)
BTech in CSE(IT)

Students Placed in **Deloitte**.



ATHULYA (2060422)
BTech in CSE



ADITYA KUMAR VERMA(2062004)
BTech in CSE(AIML)



GUNDLURU YUKTHA REDDY
(2062219)
BTech in CSE (DS)



KANISHK SINGH (2061007)
BTech in CSE (IT)

Students Placed in **FIS**



ADITI KAUSHIK(2062041)
BTech in CSE(AIML)



DHANASEKAR S(2062017)
BTech in CSE(AIML)



DAYYALA PAVAN REDDY (2062401)
BTech in CSE (IOT)

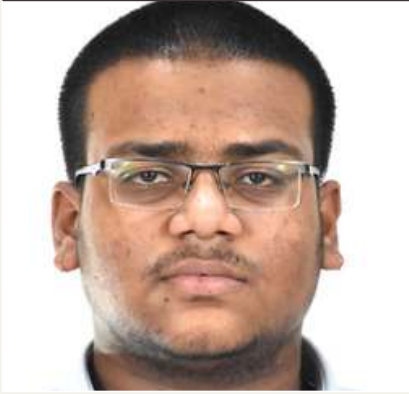


M MAZEEN(2062414)
BTech in CSE (IOT)



SUMIT KUMAR RAVI (2061038)
BTech in CSE (IT)

FIS FIS FIS FIS FIS FIS FIS
FIS FIS FIS FIS FIS FIS FIS



**PRATAPA VENKATA NAGA
HEMANTH(2060391)**
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TECHMANIA

By Aaqil Faheem
Editor, Neurofluence

Remember the days when December meant scrambling for the latest gadget? 2023's final months were different. Sure, smartphones like the AI-powered Pixel 8 Pro or the foldable marvel Galaxy Z Flip 4 grabbed headlines, but the real buzz was about something bigger. Tech was no longer just about the next shiny thing; it was weaving itself into the fabric of our lives, shaping our work, leisure, and

even the future itself. Imagine factories humming with AI-powered sensors, predicting hiccups before they happen. Imagine meetings where robots like Microsoft's Copilot take notes, answer questions, and ensure everyone's on the same page. Imagine 5G speeds so fast, they blur the lines between reality and augmented worlds. This wasn't science fiction; it was November 2023.



But amidst the excitement, a crucial conversation emerged: how could we ensure this tech revolution was responsible? We saw a shift towards ethical AI development, tackling bias and protecting privacy.

Blockchain, too, went beyond crypto, securing data, streamlining supply chains, and even powering voting systems. It was like tech was growing a conscience. And then there were the innovations that touched our well-being directly. AI wearables became guardians, monitoring worker health and preventing accidents. Gamers got sucked into immersive worlds with haptic feedback controllers. Earbuds learned our preferences, creating personalized sound havens wherever we went. It felt like tech finally cared about us, not just impressing us. But the future wasn't just about personal gadgets.

Quantum computing, once a distant dream, inched closer, promising to revolutionize everything from medicine to materials science. Open-source projects like Linux and Apache Spark thrived, empowering developers and fostering global collaboration. It was like tech was building bridges, not walls. Events like Web Summit 2023 buzzed with these ideas. People weren't just showcasing tech; they were discussing its impact, potential, and responsibility. It was a glimpse into a future where tech wasn't just cool, it was human-centred, collaborative, and purposeful. November & December 2023 wasn't just about the latest releases; it was a turning point. Tech wasn't just a product; it was a conversation, a movement, a force shaping our world. And the most exciting part? This is just the beginning. Stay tuned because the future looks bright, and it's being built with human connection at its core.





BROWSING HISTORY

By Aaqil Faheem
Editor, Neurofluence

Remember the days when a crackling radio was your only source of entertainment and connecting with someone meant scribbling messages on paper that took days to arrive? Buckle up, history buffs and tech enthusiasts, because we're about to embark on a mind-bending trip through time, revisiting the extraordinary November and December moments that changed our world forever. We'll delve into the 1950s, 60s, 70s, 80s, and 90s, unearthing technological marvels that went from science fiction dreams to everyday realities. Get ready to be amazed!

1950s: The Giants Awaken! Imagine colossal computers filling entire rooms, humming with the power to... barely handle calculations we take for granted today! That was UNIVAC I, the first commercially available computer, unveiled in November 1951. Though a behemoth by modern standards, it paved the way for smaller, faster machines that would revolutionise every industry. Think of it as the prehistoric ancestor of the sleek laptops we use now! Just a few months later, December saw the arrival of the TX-0, the world's first transistorised computer. These tiny marvels replaced bulky vacuum tubes, shrinking computers and boosting their processing power – like miniaturising the power of a car engine into a watch!

1960s: Seeds of the Digital Future Sprout! Can you imagine a world without instant communication or social media? In November 1969, two computers across the country established the first successful connection on the ARPANET, the precursor to the internet. This seemingly insignificant event ignited a revolution, paving the way for the interconnected world we know today. Think of it as the first handshake between two machines, laying the foundation for the digital universe we navigate daily. December saw another pivotal moment with Douglas Engelbart's demonstration of the mouse. This seemingly simple invention revolutionized human-computer interaction, replacing punch cards and cryptic commands with a new level of intuitiveness and accessibility. Imagine trying to navigate a website with just text commands – the mouse was a game-changer!

1970s: The Personal Revolution Takes Off! Remember visiting libraries for information? In November 1971, the Intel 4004, the first microprocessor, was born. This tiny chip, smaller than your fingernail, held immense potential. It eventually led to the development of personal computers, putting computing power directly in the hands of individuals. This wasn't just about technology; it was about democratizing information and empowering individuals. Imagine the impact on education, research, and even personal creativity – the personal computer revolutionized how we learn, work, and express ourselves. December 1973 saw the launch of Byte magazine, a beacon for budding computer enthusiasts. Its pages brimmed with DIY projects and technical knowledge, fueling the rise of the “hacker” culture and fostering a generation of tech innovators. Think of it as the tech equivalent of a rock concert, inspiring countless young minds to tinker, build, and create!

1980s: Software Giants Emerge, Entertainment Evolves! In November 1985, Microsoft released Windows 1.0, the first version of their iconic operating system. This graphical interface, a stark contrast to the text-based interfaces of the past, made computers more user-friendly and accessible to a wider audience. This wasn't just about software; it was about opening the doors of technology to millions, changing the way we work, learn, and interact with the world. December 1982 saw the arrival of the compact disc (CD). This revolutionary storage medium, holding 74 minutes of music compared to the vinyl record's 20 minutes, transformed the way we listened to music and stored data. Imagine the impact on musicians, listeners, and the entire music industry – a single CD could hold an entire album, making music more accessible and portable than ever before.

1990s: The Internet Explodes, Mobile Phones Evolve! November 1993 saw the launch of Netscape Navigator, a user-friendly web browser that opened the doors of the internet to the masses. This ignited the dot-com boom and forever changed how we access information and communicate. Imagine a world without instant news, online shopping, or social media – Netscape Navigator democratized the internet, transforming communication and commerce globally. In December 1995, Windows 95 arrived with its iconic "Start" button and user-friendly interface, further boosting personal computer adoption and ushering in a new era of digital accessibility. This journey through November and December across decades is a testament to human ingenuity and the incredible pace of technological advancement. Each innovation, from the colossal UNIVAC I to the internet and beyond, has shaped our world in profound ways. As we stand today, surrounded by technology unimaginable to our ancestors.



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